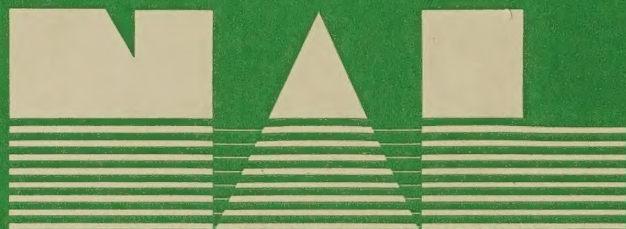






**United States  
Department of  
Agriculture**



**National Agricultural Library**













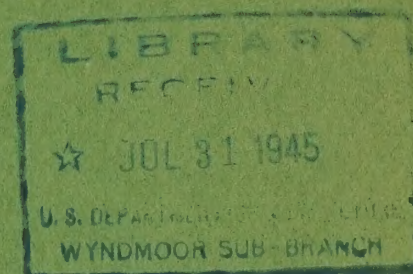






1.916  
B471  
Ref Rm

# BIBLIOGRAPHY OF AGRICULTURE



U.S. DEPARTMENT  
OF AGRICULTURE  
LIBRARY





United States Department of Agriculture Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B.—Bulletin; C.—Circular; J.—Journal; P.—Publication; Q.—Quarterly; U.—University; U. S. D. A.—United States Department of Agriculture; Ybk.—Yearbook; Z.—Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

**MICROFILMS:**

Periodical Articles.—A flat charge of 50 cents for any single article, from any single volume of a periodical.

Books and Serial Publications.—50 cents for each 50 pages or fraction thereof.

**PHOTOPRINTS:**

50 cents for each 10 pages of text or fraction thereof.



# UNITED STATES DEPARTMENT OF AGRICULTURE

## LIBRARY

### BIBLIOGRAPHY OF AGRICULTURE

Vol. 7

July 1945  
Items 1-5328

No. 1

#### CONTENTS

Item	Item	Item
U. S. D. A. PUBLICATIONS.....1-215	Soils and Fertilizers.....	Preservative Treat-
STATE AGR. EXPT. STA.	1739-2044	ment.....2143
PUBLICATIONS.....216-317	Soil Science.....1739	Seasoning and Con-
STATE AGR. EXT. SERV.	Soil Physics.....1740	ditioning.....2149
PUBLICATIONS.....318-478	Soil Chemistry and	Forest Products.....2150
BOOKS AND PAMPHLETS.....479-671	Mineralogy.....1749	Barrels, Boxes, and
PERIODICAL AND SERIAL	Soil Biology.....1765	Crates.....2174
LITERATURE.....672-5328	Soil-Plant Relation-	Building Construc-
Plant Science.....672-1738	ships and Soil Re-	tion.....2177
Systematic and Geographic	quirements.....1774	Charcoal.....2180
Botany.....711	Soil Management.....1799	Furniture.....2184
Spermatophytes.....729	Soil Fertility.....1811	Naval Stores.....2185
Pteridophytes.....784	Soil Tilth and Till-	Plastics.....2191
Bryophytes.....788	age.....1882	Pulp and Paper.....2193
Algae.....793	Drainage, Irrigation,	Tanning Materials.....2209
Fungi and Lichens.....798	Water Supply, and	Veneers and Plywood.....2212
Pathology.....804	Flood Control.....1895	Wood as Fuel.....2218
Fungus Diseases.....864	Erosion and Erosion	Miscellaneous.....2221
Bacterial Diseases.....908	Control.....1951	Education.....2226
Virus Diseases.....915	Sanitation.....2000	Engineering.....2230
Diseases Caused by	Materials for Soil Im-	Forest Influences.....2231
Nematodes.....931	provement.....2002	Animal Industry.....2233-3091
Ecology.....936	Primary Materials.....2014	Breeds and Breeding.....2233
Morphology, Anatomy, and	Secondary and Minor	Feeds and Feeding.....2245
Cytology.....949	Element Materials.....2026	Veterinary Medicine.....2285
Genetics.....963	Mineral Soil Amend-	Miscellaneous.....2344
Physiology.....990	ments.....2030	Cattle.....2362
Biochemistry.....1084	Manures and Composts.....2031	Breeds and Breeding.....2362
Silviculture.....1106	Forestry.....2045-2232	Feeds and Feeding.....2415
Field Crops.....1130	Forest Economics and	Veterinary Medicine.....2455
Cereals.....1140	Policy.....2045	Miscellaneous.....2516
Fiber Crops.....1173	Forest Description and	Dogs and Cats.....2577
Forage Crops and	Resources.....2067	Breeds and Breeding.....2577
Grasses.....1184	Individual Genera and	Feeds and Feeding.....2586
Oil Crops.....1259	Species.....2080	Veterinary Medicine.....2588
Sugar Crops.....1272	Forest Administration and	Miscellaneous.....2607
Tobacco.....1282	Management.....2086	Horses and Mules.....2615
Horticultural Crops.....1288	Farm Woodlands.....2091	Breeds and Breeding.....2615
Fruits.....1299	Mensuration.....2098	Feeds and Feeding.....2631
Citrus and Subtrop-	Forest Protection and	Veterinary Medicine.....2635
ical.....1311	Damage.....2101	Miscellaneous.....2656
Deciduous.....1335	Fire.....2101	Poultry.....2673
Small.....1375	Lumbering.....2109	Breeds and Breeding.....2673
Nuts.....1396	Equipment.....2116	Feeds and Feeding.....2723
Ornamental Plants.....1397	Logging.....2117	Veterinary Medicine.....2756
Vegetable and Truck	Lumber Industry.....2127	Miscellaneous.....2825
Crops.....1582	Sawmills.....2131	Rabbits.....2946
Weeds and Poisonous	Wood Technology.....2135	Breeds and Breeding.....2946
Plants.....1668	Chemical and Physical	Feeds and Feeding.....2968
Miscellaneous Economic	Properties.....2135	Veterinary Medicine.....2972
Plants.....1693		Miscellaneous.....2976



Item	Item	Item
Sheep and Goats.....2986	Grading, Inspection, Standardization, and Quality.....3902	Rubber and Rubber Substitutes.....4620
Breeds and Breeding...2986	Packing and Packaging...3906	Seeds.....4630
Feeds and Feeding.....2995	Prices, Price Control, and Rationing.....3913	Sugar and Sirups.....4640
Veterinary Medicine...3000	Processing and Storage...3928	Tobacco.....4671
Miscellaneous.....3022	Statistics.....3961	Miscellaneous Products...4677
Swine.....3030	Beverages and Condi-ments.....3966	Agricultural Economics and Rural Sociology....4701-5189
Breeds and Breeding...3030	Dairy Products.....3990	Agricultural Finance...4721
Feeds and Feeding.....3043	Analysis and Composi-tion.....4040	Credit.....4724
Veterinary Medicine...3061	Consumption and Utili-zation.....4069	Income.....4738
Miscellaneous.....3077	Distribution, etc....4071	Inflation.....4742
Entomology.....3092-3644	Grading, etc.....4089	Insurance.....4744
General - Economic.....3112	Packing and Packaging...4107	Taxation.....4748
Apiculture and Apis Mellifera.....3188	Prices, etc.....4109	Agricultural Labor and Wages.....4755
Colony Management....3306	Processing and Stor-age.....4112	Agriculture - Situation, Policies, and Pro-grams.....4803
Arachnida, Myriapoda, Etc.....3358	Statistics.....4138	Agriculture, Post-War.....4870
Coleoptera.....3383	Feed and Forage Crops...4139	Subsidies.....4887
Diptera.....3440	Fibers and Textiles....4150	Cost and Standard of Living.....4892
Culicidae.....3485	Fruits, Vegetables, and Nuts.....4251	Farm Management and Land Economics.....4893
Hemiptera (Heteroptera and Homoptera).....3498	Analysis and Composi-tion.....4299	Bookkeeping and Records..4939
Hymenoptera.....3526	Consumption and Utiliza-tion.....4305	Cost of Production...4947
Lepidoptera.....3548	Distribution, etc....4308	Land Settlement and Colonization.....4966
Orthoptera.....3613	Grading, etc.....4330	Land Tenure.....4981
Sericulture and the Silkworm.....3624	Packing and Packaging...4336	Land Utilization....4995
Smaller Orders.....3627	Prices, etc.....4338	Land Values and Valua-tion.....5005
Anoplura and Malloph-aga.....3641	Processing and Stor-age.....4340	Population.....5017
Agricultural Engineering.....3645-3856	Statistics.....4382	Rural Social Organiza-tion.....5023
Farm Machinery.....3662	Grain and Grain Prod-ucts.....4383	Human Ecology.....5030
Tillage Machinery.....3702	Honey and Beeswax.....4424	Institutions.....5041
Planting Machines and Fertilizer Distrib-utors.....3706	Livestock and Livestock Products.....4425	Leadership.....5112
Harvesting, Threshing, Drying, and Processing Equipment.....3707	Analysis and Composi-tion.....4473	Rural Organizations and Movements.....5113
Trucks, Tractors, and Other Farm Power (In-cluding Fuels).....3771	Consumption and Utili-zation.....4475	Trade, Foreign and Inter-national.....5159
Farm Structures.....3786	Distribution, etc....4476	Food and Human Nutrition....5190-5264
Farmhouses.....3792	Grading, etc.....4493	Food Habits.....5225
Service Buildings.....3798	Prices, etc.....4501	Nutritive and Vitamin Content.....5227
Storage Structures....3829	Processing and Stor-age.....4509	Miscellaneous.....5265-5328
Farm Utilities.....3839	Statistics.....4526	History and Biography..5283
Materials and Methods...3854	Oils and Oilseeds.....4528	Inter-American Relations...5307
Agricultural Products: Processing, Distribution, and Statistics.....3857-4700	Poultry and Poultry Products.....4559	Research.....5308
Analysis and Composi-tion.....3874		Statistics.....5316
Consumption and Utiliza-tion.....3877		New Periodicals and Serials.....5317
Distribution, Marketing, and Transportation....3878		Corrections.

## AUTHOR AND SUBJECT INDEXES.

U. S. D. A. Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B. - Bulletin; C. - Circular; J. - Journal; P. - Publication; Q. - Quarterly; U. - University; U. S. D. A. - U. S. Department of Agriculture; Ybk. - Yearbook; Z. - Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture, which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

MICROFILMS: 50 cents for any single article, from any single volume of a periodical. Books and Serial Publications.—50 cents for each 50 pages or fraction thereof.

PHOTOPRINTS: 50 cents for each 10 pages of text or fraction thereof.



PUBLICATIONS OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS, STATE AGRICULTURAL EXTENSION SERVICES, AND BOOKS AND PAMPHLETS FROM OTHER SOURCES

U. S. D. A. PUBLICATIONS

Includes printed and processed publications of the Department received in the library during the preceding month, except war-restricted publications and materials issued for internal administrative use rather than for public distribution.

Periodicals issued by the Department are listed in the June and December issues only; articles in them are indexed currently.

Printed publications may be obtained free upon application to the Office of Information, United States Department of Agriculture, Washington 25, D. C., as long as the Department's supply lasts. After this free distribution is exhausted, publications may be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Processed publications may ordinarily be obtained free of charge from the issuing bureau as long as the supply lasts.

Publications preceded by an asterisk (\*) are not available for distribution; microfilm or photoprint copies can be supplied at the cost of preparing them.

Agricultural Information Series

1 DON'T kill the forest goose; forests are wealth. U. S. D. A. AIS-13, 11 p. 1945. 1 Ag84Ai  
How to restore our badly depleted forests.

2 GENUNG, A. B. If you're thinking of a little place in the country. U. S. D. A. AIS-14, 12 p. 1945. 1 Ag84Ai

Instances in part-time farming and how they have worked out.

3 HOW much fertilizer shall I use? A gardener's guide for converting tons or pounds per acre into pints, cups, tablespoons, or teaspoons per row or plant. U. S. D. A. AIS-18, 6-p. folder. 1945. 1 Ag84Ai

4 SOME questions and answers on where and how to get a farm. U. S. D. A. AIS-19, 4 p. 1945. 1 Ag84Ai

Agricultural War Information

5 THE WOMEN'S Land Army works for victory. U. S. D. A. AWI-113, 8 p. 1945. 1 Ag84Aw

Circulars

6 HEPTING, G. H., BUCHANAN, T. S., and JACKSON, L. W. Little leaf disease of pine. U. S. D. A. C. 716, 15 p. 1945. 1 Ag84C

Affects primarily shortleaf pine.

7 LEONARD, L. T. Results of tests of commercial legume inoculants in 1944. U. S. D. A. C. 724, 6 p. 1945. 1 Ag84C

Discussion Series

8 LET'S talk about world peace organization and what it means to farm people; an aid for your discussion of the United Nations idea. 8 p. 1945. (D. S. 28) 1 Ag86Ds

Farmers' Bulletins

9 EDMUNDSON, W. C., LANDIS, B. J., and SCHAAAL, L. A. Potato production in the Western States. U. S. D. A. Farmers' B. 1843, rev., 58 p. 1945. 1 Ag84F

10 SMITH, M. Pattern alteration. U. S. D. A. Farmers' B. 1968, 40 p. 1945. 1 Ag84F

Miscellaneous Publications

11 CLAY, E. W. List of available publications of the United States Department of Agriculture. U. S. D. A. Misc. P. 60, rev., 271 p. 1945. 1 Ag84M

12 A HANDBOOK for your information. U. S. D. A. Misc. P. 532, slightly rev., 39 p. 1945. 1 Ag84M

To help employees of the Department of Agriculture learn more of their duties and privileges.

13 PENNOCK, J. L., and ANGLE, G. M. What farm families spend for medical care. U. S. D. A. Misc. P. 561, 18 p. 1945. 1 Ag84M

The data in this report were collected as part of a study of Family Spending and Saving in Wartime by the Bureau of Human Nutrition and Home Economics in cooperation with the Bureau of Labor Statistics of the U. S. Department of Labor.

14 RICHARDSON, B. T. Workers in subjects pertaining to agriculture in land-grant colleges and experiment stations, 1944-45. U. S. D. A. Misc. P. 556, 164 p. 1945. 1 Ag84M

Radio Broadcasts (Processed)

15 VAN DEMAN, R., and HESELTINE, M. Child Health Day, 1945. 4 p. Apr. 28, 1945. (Natl. Farm and Home Hour) 1.982 A2V28

16 VAN DEMAN, R., and KADDERLY, W. L. High-lights of food situation...Plenty of protein to meet nutritional needs. 4 p. Apr. 21, 1945. (Natl. Farm and Home Hour) 1.982 A2V28

17 VAN DEMAN, R., MOORE, E., and KADDERLY, W. L. Planning for tomato canning...Build storage shelves for home-canned food...Notes on relief feeding in Europe. 3 p. May 12, 1945. (Your Home and Garden Program) 1.982 A2V28

18 VAN DEMAN, R., and SALISBURY, M. Relief needs in Greece. 3 p. May 19, 1945. (Your Home and Garden Program) 1.982 A2V28

19 VAN DEMAN, R., and KADDERLY, W. L. Stretch your canning sugar ration to save fruit...Women's Land Army needs more recruits...New bulletin for home dressmakers. 3 p. May 5, 1945. (Natl. Farm and Home Hour) 1.982 A2V28

Technical Bulletins

20 BORST, H. L., MCCALL, A. G., and BELL, F. G. Investigations in erosion control and the reclamation of eroded land in the Northwest Appalachian Conservation Experiment Station, Zanesville, Ohio, 1934-42. U. S. D. A. Tech. B. 888, 95 p. 1945. 1 Ag84Te

Ohio Agricultural Experiment Station cooperating.

21 RHOAD, A. O., and CARR, R. B. Measuring productive capacity of pastures through maintenance studies with mature steers. U. S. D. A. Tech. B. 890, 20 p. 1945. 1 Ag84Te

22 SMITH, D. D., and others. Investigations in erosion control and reclamation of eroded Shelby and related soils at the Conservation Experiment Station, Bethany, Mo., 1930-42. U. S. D. A. Tech. B. 883, 175 p. 1945. 1 Ag84Te

D. M. Whitt, A. W. Zingg, A. G. McCall, and F. G. Bell, joint authors.

Missouri Agricultural Experiment Station cooperating.

Unnumbered Publications

23 FIRST aid for flooded homes and farms. Rev., 19 p. 1945. 1 Ag84Fir

Includes sections on food and clothing and insect control.

24 A NATIONAL policy for fertilizers and liming materials. 11 p., processed. 1945. 1.90 C2F41

Prepared by Committee on National Fertilizers and Lime Policy.



## AGRICULTURAL ADJUSTMENT AGENCY

25 AGRICULTURAL Adjustment Agency; region boundaries & location of State offices. Map. 1945. 1.42 Ad4Aga

26 ALABAMA AAA handbook of conservation practices; 1945 Agricultural Conservation Program. 8 p. 1945. (SRB-901-Ala.) 1.42 So8B

Similar handbooks for Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, and South Carolina.

27 BETTER seed for increased peanut production. 1 p., processed. 1945. 1.42 Ad4Be  
U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering and Extension Service cooperating.

28 ESTIMATED average annual extent of needed conservation practices which should be considered a minimum goal under the Agricultural Conservation Program in the immediate post-war period. 6 p., processed. 1945. 1.42 Ad4Est

Preliminary. Data for specified crops by State and region.

29 1945 Agricultural Conservation Program for New Hampshire. 1 p., processed. 1945. (NER-910-New Hampshire, Sup. 1) 1.42 N76F

Payments for applying potash.

30 1945 Agricultural Conservation Program for New Jersey. 1 p., processed. 1945. (NER-910-New Jersey, Sup. No. 2) 1.42 N76F

How to qualify for payments for harvesting legume hay seed.

31 PROCEDURE for the determination of performance under the 1945 Tobacco Marketing Quota Program. 2 p. 1945. (Tobacco 919) 1.42 T55To

32 [SUGGESTED feature or farm page articles on increasing the per-acre yield of peanuts.] 8 Nos., processed. 1945.

Extension Service and the Bureau of Plant Industry, Soils, and Agricultural Engineering cooperating.

Care in planting helps to increase peanut yields. 2 p. Mar. 31. 1.42 Ad4Gro

Good peanut seed. [Suggested script for broadcast.] 4 p. Mar. 15. 1.42 Ad4Sug

Good seed important for high peanut yields. 2 p. Mar. 15. 1.42 Ad4Gro

Good soil, well prepared, boosts peanut yields. 2 p. Mar. 5. 1.42 Ad4Gro

More peanuts per acre to meet war needs. [Cultural methods; seed treatment.] 5 p. Mar. 15. 1.42 Ad4Suf

Peanuts. [Suggested script for broadcast.] 5 p. Feb. 24. 1.42 Ad4Sug

Planting peanuts. [Suggested script for broadcast.] 5 p. Mar. 31. 1.42 Ad4Sug

Soils and fertilizers for peanuts. 2 p. Mar. 5. 1.42 Ad4Sug

33 TEXAS; 1945 Agricultural Conservation Program practice allowance formula & specifications of practices. 25 p., processed. 1945. 1.42 Ad4Te

## AGRICULTURAL AND INDUSTRIAL CHEMISTRY, BUREAU OF

34 KNAPP, I. E., GOLDBLATT, L. A., and HORNER, M. M. 1944-45 annual naval stores report on production, distribution, consumption and stocks of turpentine and rosin of the United States by crop years, April 1, 1944-March 31, 1945. U. S. Bur. Agr. and Indus. Chem. AIC-91, 11 p., processed. 1945. 1.932 A2Ag82

35 SUPPLEMENT to Circular AIC-63 [Recovery and utilization of natural apple flavors]. 2 p., processed. 1945. (AIC-63, Sup. 1) 1.932 A2Ag82

Design of equipment for the process.

## AGRICULTURAL ECONOMICS, BUREAU OF

36 BOTTS, R. R. Experience of 21 reporting [insurance] companies with the Victory Farm Volunteer and Farm Cadet Victory Corps accident policies in 1944. 5 p., processed. 1945. 1.941 F6Ex72

37 BRODELL, A. P., and WALKER, H. R. Harvesting the corn crop. 27 p., processed. 1945. (F. M. 49) 1.941 L6F22

38 CONSUMPTION of fluid milk and cream in northeastern marketing areas, 1943. 20 p., processed. 1945. 1.941 M3C75

Dairy and Poultry Branch of the War Food Administration and the Statistics Committee of the Northeastern Dairy Conference cooperating.

39 EARLY lamb situation, May 1, 1945. 2 p., processed. 1945. 1.9 Ec742Ea

40 EZEKIEL, M. Economic and social aspects of the Dumbarton Oaks proposals. 9 p., processed. 1945. 1.9 Ag8638

Talk before Women's Action Committee for Victory and Lasting Peace, New York, N. Y., May 2, 1945.

41 EZEKIEL, M. The Food and Agriculture Organization of the United Nations (FAO). 4 p., processed. 1945. 1.913 A2F73

For distribution at the Extension Institute, "Building the Peace," Apr. 3, 1945.

Purpose of the organization; how it is to work.

42 FARM production, farm disposition, and value of principal crops, 1943-44, by States. 61 p., processed. 1945. 1.9 Ec71Prf

43 HOME preservation of fruits and vegetables in 1944; a contribution of the American kitchen to the Nation's food supply. 11 p., processed. 1945. 1.941 S2F944

Findings of a survey covering 1,982 households.

44 INVENTORY of land tenure activities, Southwest Intermountain Region. 3 p., processed. Berkeley, Calif., 1944. 1.941 L2In8

Summary of replies of State and Federal agencies in the region on present and future activities.

45 PRODUCTION of manufactured dairy products, 1943. 40 p., processed. 1945. 1.9 Ec724D

46 STATISTICS on commercial peanuts, by months and seasons, September 1938-August 1944. 48 p., processed. 1945. 1.941 H2P312

47 TOSTLEBE, A. S. Local government debt in rural counties of Ohio. 46 p., processed. 1945. 1.941 F4L78

Deals with the indebtedness of the local units that provide governmental services to farms and farm communities.

## AGRICULTURAL RESEARCH ADMINISTRATION

48 ALLEN, E. W. The publication of research; suggestions for scientists on the writing of papers and reports. Slightly rev., 18 p., processed. 1945. 1.98 P96

Given as a talk in 1925 in the U. S. Department of Agriculture Graduate School by the late Dr. Allen.

49 SOME facts about DDT insecticides to date - some of the results of two years' testing. 4 p., processed. 1945. 1.98 So5

## ANIMAL INDUSTRY, BUREAU OF

50 BRUCELLA abortus diagnostic antigen. Rev., 10 p., processed. 1945. 1.972 P2B83

Methods used in the production and standardization of Brucella abortus tube and plate antigens; description of the serum agglutination tests for brucellosis.

51 SPECIAL rubber stopper for use in 4-dram homeopathic vials. Diagram. n. d. 1.972 B2Sp3

52 SUBJECT matter summaries on improvement in livestock production for the third Inter-American Conference of Agriculture, Caracas, Venezuela. 12 p., processed. 1945. 1.972 A2Sul

Breeding; animal nutrition; parasites; nonparasitic diseases.

## COMMODITY CREDIT CORPORATION

53 HANCOCK, F. Statement...relative to the marketing of flue-cured tobacco. 1 p., processed. 1945. 1.95 Ad8Ha

54 JASSPON, W. H. Statement on fats and oils. 6 p., processed. 1944. 1.9424 A2St22  
Statement for presentation to the Special Committee of the House Committee on Agriculture on Post-War Farm Programs at hearings on Dec. 4, 1944.



- 55 MAKING the most of meats in industrial feeding. 29 p., processed. 1945. 1.957 Su7M28  
Chiefly cooking directions and recipes.
- 56 OFFER to flaxseed processors. 5 p., processed. 1945. (1945 C. C. C. Flaxseed Form A) 1.957 F61

Terms and conditions under which the Commodity Credit Corporation will purchase raw linseed oil and linseed oil meal.

- 57 RESOLUTIONS submitted [Jan. 16, 1945] by the Fort Wayne (Indiana) Food Distribution Advisory Committee on urgency of adequate food transportation. 2 p., processed. Indianapolis, 1945. 1.957 F73F

- 58 SMITH, C. C. CCC cotton loan, purchase and export program. 8 p., processed. 1944. 1.9424 A2C31

For presentation to the Special Committee of the House Committee on Agriculture on Post-War Farm Programs at hearings on Dec. 4, 1944.

- 59 [SUGGESTED menus for school lunches.] 4 p., processed. Chicago, 1945? 1.957 Su3

#### DAIRY INDUSTRY, BUREAU OF

- 60 HODGSON, R. E., FOHRMAN, M. H., and HOLM, G. E. The dairy industry in the United States. 23 p., processed. 1945? Ref., p. 18-23. (BDIM-Inf-21) 1.973 D4B34

- 61 SANDERS, G. P., and SAGER, O. S. A phosphatase test for Cheddar cheese. 5 p., processed. 1945. (BDIM-Inf-22) 1.973 D4B34

- 62 WILSON, H. L. Making American Cheddar cheese of uniformly good quality. Slightly rev., 9 p., processed. 1945. (BDIM-947) 1.9 D14Bd

#### DISTRIBUTION, OFFICE OF

- 63 WOOL freight rate investigation. 9 p., processed. 1944. 1.9422 L36W88  
Maps and charts.

Contents: Average production, 1930-39; Rail rates; Revenue vs cost; Movement via water carriers; Comparative rates.

#### ENTOMOLOGY AND PLANT QUARANTINE, BUREAU OF

- 64 BACK, E. A. Vinegar flies or fruit flies [*Drosophila* spp.]. U. S. Bur. Ent. and Plant Quar. E-313, rev., 1 p., processed. 1945. 1.9 En83

- 65 BATCHELDER, C. H., and QUESTEL, D. D. Experiments with DDT for the control of the European corn borer [*Pyrausta nubilalis*] infesting sweet corn at Toledo, Ohio, in 1944. U. S. Bur. Ent. and Plant Quar. E-659, 11 p., processed. 1945. 1.9 En83

- 66 CLARK, C. A. The collection, emergence, and release of parasites of the European corn borer [*Pyrausta nubilalis*], season of 1944. U. S. Bur. Ent. and Plant Quar. Insect Pest Survey Spec. Sup. (1945, No. 3), 4 p., processed. 1945. 1.9 En831B

- 67 CRAIGHEAD, F. C., and BROWN, R. C. Summary of tests with DDT in 1944 for control of forest insects. U. S. Bur. Ent. and Plant Quar. E-649, 7 p., processed. 1945. 1.9 En83

- 68 HILLS, O. A., and MCKINNEY, K. B. Comparative values of new insecticides for use against *Lygus* spp. and the Say stinkbug [*Chlorochroa sayi*]. U. S. Bur. Ent. and Plant Quar. E-648, 19 p., processed. 1945. 1.9 En83

- 69 LIEBERMAN, F. V. Experiments with DDT, sabadilla, and pyrethrum dusts for control of *Lygus* spp. on seed alfalfa. U. S. Bur. Ent. and Plant Quar. E-658, 7 p., processed. 1945. 1.9 En83

- 70 LOFTIN, U. C. Results of tests with DDT against cotton insects in 1944. U. S. Bur. Ent. and Plant Quar. E-657, 6 p., processed. 1945. 1.9 En83

- 71 MODIFICATION of pink bollworm [*Pectinophora gossypiella*] quarantine regulations. Effective May 23, 1945. 2 p., processed. 1945. (B. E. P. Q. - Q. 52, amend. 1) 1 F31

- 72 PLANT quarantine import restrictions of the Colony and Protectorate of Kenya. U. S. Bur. Ent. and Plant Quar. B. E. P. Q. - 479, Sup. 1, rev., 2 p., processed. 1945. (E2/Kenya) 1.9 F73

Importation of soil prohibited; fruit to be certified; additions to restricted seeds; additions to list of declared diseases and pests.

- 73 RESTRICTIONS of Japanese beetle [*Popillia japonica*] quarantine on fruits, vegetables, and cut flowers become effective for the season. 1 p., processed. 1945. (B. E. P. Q. 539) 1.9 F73

- 74 ROARK, R. C. A list of Arthropods, arranged according to order, family, and genus, and their susceptibility to rotenone and the rotenoids. U. S. Bur. Ent. and Plant Quar. E-656, 27 p., processed. 1945. 1.9 En83

- 75 ROARK, R. C. A review of the insecticidal uses of rotenone and rotenoids from *Derris*, *Lonchocarpus* (cube and timbo), *Tephrosia*, and related plants. Part IX: Diptera. U. S. Bur. Ent. and Plant Quar. E-652, 126 p., processed. 1945. Ref., p. 86-119. 1.9 En83

- 76 ROARK, R. C. A review of the insecticidal uses of rotenone and rotenoids from *Derris*, *Lonchocarpus* (cube and timbo), *Tephrosia*, and related plants. Part X: Siphonaptera. U. S. Bur. Ent. and Plant Quar. E-654, 15 p., processed. 1945. 1.9 En83

- 77 ROARK, R. C. A review of the insecticidal uses of rotenone and rotenoids from *Derris*, *Lonchocarpus* (cube and timbo), *Tephrosia*, and related plants. Part XI: Acarina. U. S. Bur. Ent. and Plant Quar. E-655, 62 p., processed. 1945. 1.9 En83

- 78 ROARK, R. C. A second list of publications on DDT. U. S. Bur. Ent. and Plant Quar. E-660, 27 p., processed. 1945. 1.9 En83

#### EXPERIMENT STATIONS, OFFICE OF

- 79 BARSS, H. P., and ANDRE, F. Reducing losses from diseases and pests. 16 p. 1945. Reprint Collect.

Reprinted from the Report on the Agricultural Experiment Stations, 1944.

Contents: Better control of plant disease; New and improved fungicides; Reducing losses from pests; More efficient insecticides and substitutes.

- 80 LIST of agricultural experiment stations in the United States, May, 1945. 2 p., processed. 1945. 1.9 Ex6Li

- 81 SMITH, S. L. Promoting better nutrition. 24 p. 1945. Reprint Collect.

Reprinted from the Report on the Agricultural Experiment Stations, 1944.

#### EXTENSION SERVICE

- 82 A BACK-YARD vegetable garden. 6 p., processed. 1945. (Lecture for slidefilm No. 657) 1.9 Ex892La

- 83 CRILE, L. Findings from studies of bulletins, news stories, and circular letters. U. S. Ext. Serv. Ext. Serv. C. 424, 10 p., processed. 1945. 1.9 Ex892Esc

Includes effectiveness of extension methods.

- 84 CRILE, L. Some findings from studies of farm and home radio programs. U. S. Ext. Serv. Ext. Serv. C. 426, 8 p., processed. 1945. 1.9 Ex892Esc

Effectiveness of radio programs as an educational medium for farm people.

- 85 DICKSON, J. G., and JOHNSON, A. G. Larger barley profits through scab and blight control. Rev., 8 p., processed. 1945. (Lecture for Slidefilm No. 355) 1.9 Ex892La

- 86 EXTENSION in Bulgaria. 7 p., processed. 1944. 1.913 A2Ex87

Prepared for use in the Conference on the Contribution of Extension Methods and Techniques Toward the Rehabilitation of War-Torn Countries, Washington, D. C., Sept. 19-22, 1944.



87 FARM employment in 1943 (by months and areas). 21 p., processed. 1944. 1.913 E2F228  
Tables and graphs. All figures are taken from the monthly Farm Labor Reports of the Bureau of Agricultural Economics.

88 FUNCTIONS of State agricultural extension services under Title 1, Section 2, The Farm Labor Supply Act. U. S. Ext. Serv. EFL C. 1, rev., 14 p., processed. 1945. 1.9424 A8Ex8

89 GARDENING for victory. Pt. I. Planning and planting the farm garden; adapted from USDA motion picture, The Farm Garden. 5 p., processed. 1945. (Lecture for Slidefilm No. 634) 1.9 Ex892La

90 GRASS down field waterways. 1 p., processed. Lincoln, Nebr., 1945. (Nebr. G. S. No. 1) 1.913 A2N27

U. S. Soil Conservation Service cooperating.

91 HEWITT, E. S. New Hampshire and Dumbarton Oaks. 3 p., processed. 1945. 1.913 A2N45

Report of the vote taken for world organization which was taken at New Hampshire Town Meetings, Mar. 1945. Given before the Extension Service Institute, Washington, D. C., Apr. 3, 1945.

92 HOCHBAUM, H. W. Criteria of successful achievement for the county home demonstration agent. Rev., 4 p., processed. 1945. 1.913 42C86

93 HOW TO improve job methods. 4 p., processed. 1945. (Ext. Farm Labor C. 22) 1.9424 A8Ex8

94 INGWALSON, K. W. "Be a strong American." A health program in Idaho. 2 p., processed. 1945. 1.913 F3In4

Includes a record of the health improvement program, Bannock County, Idaho, 1944, as summarized by D. Warren.

95 INGWALSON, K. W. The challenge of leadership in the 4-H program during peace or war. 8 p., processed. 1945. 1.913 F5C35

A composite of talks presented at 3-day district 4-H Wartime Leader Training conferences in Oregon, Nevada, and Utah, February and March 1945.

96 THE JOB of the county 4-H Club agent or of the agricultural or home demonstration agent in relation to 4-H work. 3 p., processed. 1945. 1.913 F3J57

97 MERRITT, E. Grow healthy chicks (Hartford County, Conn.). 5 p., processed. 1945. 1.913 S2G91

98 A MESSAGE to employers about the need for vacation harvest workers. 4 p., processed. 1945. 1.913 E2M56

A call from the Women's Land Army for workers.

99 MILLER, L. F. The Bretton Woods Monetary and Financial Conference. 3 p., processed. 1945. 1.913 E2B75

For distribution at the Extension Institute, "Building the Peace," Apr. 3, 1945.

100 NAMES and addresses of assistant State farm labor supervisors, Victory Farm Volunteers. 3 p., processed. 1945. 1.913 E2N152

101 NATIONAL 4-H CLUB CONGRESS...CHICAGO, ILLINOIS, DECEMBER 2 TO 6, 1944. Minutes of the meetings of the Extension Subcommittee on 4-H Club Work; minutes of the business meetings of the State club leaders; report of committees presented at meetings of State club leaders. 44 p., processed. 1945. 1.913 F3M66

102 THE NEW rural school. 5 p., processed. 1945. (Lecture for Slidefilm No. REA-5) 1.9 Ex892La

Rural Electrification Administration cooperating.

103 NUMBER of extension workers. 1 p., processed. 1945. 1.913 A2N91

Table showing by State and region the number of white and Negro workers engaged in county agent work, home demonstration work, and boys' and girls' club work.

104 POPULATION and 4-H membership tabulation. 2 p., processed. 1945. 1.913 F3P81

105 REYNOLDS, L. W. Hillsboro County, New Hampshire - selected data from 1940 census. 10 p., processed. 1945. 1.913 A2H55

Includes population; families as indicated by dwelling units; years of school completed of adults; employed workers; farms; farm families.

106 RUNNING water for the farm. 4 p., processed. 1945. (Lecture for Slidefilm No. REA-6) 1.9 Ex892La

107 STATE correspondents concerned with extension information and visual material. 8 p., processed. 1945. 1.913 12St22

108 SUPPLEMENTARY data on canning survey, 1943. 5 p., processed. 1944. 1.913 A2Su7  
Canning in rural areas; in cities under 10,000 population; over 10,000. Data by the American Institute of Public Opinion.

109 WHAT is the specialist's job today? 4 p., processed. 1945. 1.913 A2W55

With reference to extension work.

110 WILSON, M. L. Message...read by Karl Knaus...before a meeting of farm and business leaders at Richmond, Indiana, sponsored by The Kiwanis International, May 9, 1945. 1 p., processed. 1945. 1.913 A2W692

Commends the 3-point program sponsored by Kiwanis - soil conservation; planning; new and better markets and improved distribution methods for farm products.

#### FARM CREDIT ADMINISTRATION

111 DUGGAN, I. W. Statement...with reference to S. 469 [Government Corporation Control Act] 79th Congress, May 3, 1945. 6 p., processed. 1945. 1.42 So8Du

112 GAY, M. C. Sweetpotato storage, 1943. U. S. Farm Credit Admin. Coop. Res. and Serv. Div. Misc. Rpt. 71, 9 p., processed. 1944. 166.3 M68

113 MANN, L. B. History of cooperative and farmer owned meat packing enterprises in the United States. U. S. Farm Credit Admin. Misc. Rpt. 72, 20 p., processed. 1944. 166.3 M68

#### FARM SECURITY ADMINISTRATION

114 TYPES of farms operated by active standard RR [rural rehabilitation] borrowers in 1943. 12 p., processed. 1945. (1943 Family Prog. Rpt. Release 10) 1.95 F21

115 WAR PRICES and the active standard RR [rural rehabilitation] family. 13 p., processed. 1945. (1943 Family Prog. Rpt. Release 8) 1.95 F21

Income and expenses of the average family in 1943 compared with the average family in 1941 in terms of 1941 prices.

#### FEDERAL CROP INSURANCE CORPORATION

116 FEDERAL Crop Insurance Act, as amended through December 23, 1944. 10 p., processed. 1945? 1.952 F313

#### FOREIGN AGRICULTURAL RELATIONS, OFFICE OF

117 NORRIS, P. K. Foreign cotton production. 4 p., processed. 1944. 1.9424 A2F76

For presentation to the Special Committee of the House Committee on Agriculture on Post-War Farm Programs at hearings on Dec. 4, 1944.

118 [SPECIAL] reports prepared for the Mexican-United States Agricultural Commission meetings, October 9-14, 1944. 6 Nos., processed. 1944.

Issued also in Spanish.

Mexican bananas in the United States market. 3 p. 1.943 M573

Mexican coffee in the United States market. 4 p. 1.943 M575

Mexican garlic in the United States market. 3 p. 1.943 M572

Mexican onions in the United States market. 3 p. 1.943 M57

Mexican pineapples in the United States market. 3 p. 1.943 M576

Mexican vanilla beans in the United States market. 2 p. 1.943 M574



119 WHEELER, L. A. Postwar foreign markets for American cotton. 7 p., processed. 1944. 1.9424 A2P842

For presentation to the Special Committee of the House Committee on Agriculture on Post-War Farm Programs at hearings on Dec. 4, 1944.

#### FOREST SERVICE

120 BLACKERBY, A. W. Opportunities for minor wood product industries in Alaska. 20 p. San Francisco, U. S. Forest Serv. Alaska region, 1945. 1 F76730

Commercial timber resources; logging and sawmill industry; small wood-using industries particularly adaptable to the Territory.

121 BLEW, J. O. Treating wood in pentachlorophenol solutions by the cold-soaking method. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1445, rev., 9 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

122 BROWNE, F. L. Preservative treatment of window sash and other millwork. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R919, rev., 12 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

123 CHAPMAN, A. G. Forest planting on strip-mined coal lands with special reference to Ohio. U. S. Forest Serv. Cent. Forest Expt. Sta. Tech. Paper 104, 25 p., processed. Columbus, Ohio, 1944. 1.9622 C37222

124 DURABILITY of glued laminated barn rafters. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1232, rev., 3 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

125 ESTIMATED woods and plant employment in primary forest industries - July 1, 1944. 17 p., processed. 1945. 1.962 A2Es83

The Bureau of Program and Statistics, War Production Board cooperating.

126 ESTIMATES of big game animals on national forests as of December 31, 1944. 6 p., processed. 1945. 1.9 F76Es

127 HARRIS, E. E. Saccharification of wood; problems related to the construction of a plant to produce alcohol from wood waste. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1475, 25 p. Madison, Wis., 1945. 1.9 F761R

Office of Production Research and Development of the War Production Board and Wisconsin University cooperating.

128 HUNT, P. J., GOODELL, H. R., and PHILLIPS, R. S. Bolt-bearing strength of wood and modified wood; bolt-bearing strength of laboratory-made cross-banded yellow birch compreg under aircraft bolts. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1523-A, 36 p. Madison, Wis., 1945. 1.9 F761R

U. S. Army-Navy-Civil Committee on Aircraft Design Criteria and Wisconsin University cooperating.

129 LIMBACH, J. P. Compression failures in wood detected by the application of carbon tetrachloride to the surface. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1591, 6 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

130 LIST of publications on wood preservation. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 704, 28 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

131 LOTTI, T. Wood waste available for conversion to ethyl alcohol in the Columbia area of South Carolina. U. S. Forest Serv. Appalachian Forest Expt. Sta. Forest Survey Release 17, 14 p., processed. Asheville, N. C., 1944. 1.9622 A3F76

South Carolina State Commission of Forestry cooperating.

132 MACLEAN, J. D. Effect of direction of growth rings on the relative amount of shrinkage in width and thickness of lumber and effect of radial and tangential shrinkage on dimensions of round timbers. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1473, 19 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

133 MEAGHER, G. S. Forest statistics for Linn County, Oregon, from the forest survey inventory revised in 1944. U. S. Forest Serv. Pacific Northwest Forest and Range Expt. Sta. Forest Survey Rpt. 95, 23 p., processed. Portland, Oreg., 1945. 1.9622 P2F76

134 1945 wartime forest fire prevention program. 10 p., processed. n. d. 1.962 A2Un3

Office of War Information cooperating.

135 OZARK National Forest. Map. Atlanta, 1945. Map case 1 F765Ma

136 PEAKES, L. V., JR., and others. Substitute woods for Port Orford white-cedar [*Chamaecyparis lawsoniana*] for storage battery separators. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1476, 45 p. Madison, Wis., 1945. 1.9 F761R

R. A. Lloyd, V. S. Barnes, J. H. Berry, and G. J. Ritter, joint authors.

Office of Production Research and Development of the War Production Board and Wisconsin University cooperating.

137 RETTIE, J. C. The population and employment outlook for the Anthracite Region of Pennsylvania. U. S. Forest Serv. Northeast. Forest Expt. Sta. Anthracite Survey Paper 6, 25 p., processed. Philadelphia, 1945. 1.9622 A2An8

Pennsylvania University cooperating.

Preliminary estimates indicate that under good management the forests which are now badly depleted, might, in time, furnish most of the forest products the region requires.

138 SANBORN, W. A. Effect of thickness of plywood reinforcing plates on the behavior of solid wood aircraft spars under changes in moisture content. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1527, 12 p. Madison, Wis., 1945. 1.9 F761R

U. S. Army-Navy-Civil Committee on Aircraft Design Criteria and Wisconsin University cooperating.

139 SIMMONDS, F. A. A mill-trial comparison of asphalt-sized, wet-strengthened and nonwet-strengthened cylinder chipboard. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1480, 5 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

140 SOME reference books on domestic and foreign woods. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1479, 13 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

141 SYNTHETIC-RESIN glues. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1336, rev., 24 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

142 TECHNICAL notes, Lake States Forest Experiment Station. 5 Nos., 1 p. each, processed. University Farm, St. Paul, Minn., 1945. 1.9 F7625T

No. 231. What causes mortality in black spruce after partial cutting, by R. K. LeBarron.

No. 232. The production important in southwestern Wisconsin, by H. F. Scholz.

No. 233. Brush shade increases plantation survival of ponderosa pine, Scotch pine, and juniper, on droughty sites, by J. H. Stoeckeler.

No. 234. Young growth little damaged in selective logging of northern hardwoods, by W. M. Zillgitt.

No. 235. Part-time woods work of northern farmers helpful in war production, by W. M. Zillgitt.

143 TORGESON, O. W. Furnace-type lumber dry kiln. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1474, 5 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

144 THE UNITED STATES as a source of timber for Europe and Asia in the immediate post-war period. 26 p., processed. 1945. 1.962 A2Un32



145 WHY DID it [accident] happen? 6 p., processed. 1945. 1.962 A2W622

146 WIRKA, R. M. Tire-tube method of fence-post treatment. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1158, rev., 16 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

147 YOLTON, L. A., and SANBORN, W. A. Effects of variations in design on the strength of some typical glued fastenings in wood aircraft. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1526, 40 p. Madison, Wis., 1945. 1.9 F761R

U. S. Army-Navy-Civil Committee on Aircraft Design Criteria and Wisconsin University cooperating.

#### GRADUATE SCHOOL

148 SUMMER session [of the Graduate School, U. S. D. A.], ten weeks, June 11 to August 17, 1945. 11 p. 1945. 1 Ag854E

#### INFORMATION, OFFICE OF

149 BIOGRAPHIES of persons in charge of Federal agricultural work, 1836 to date. 14 p., processed. May 15, 1945. ([Rpt.] No. 9) 1.90 A2Un32

150 FOOD information series. 3 Nos., processed. 1945. 1.914 A5F733

No. 98. Questions and answers on agricultural wage stabilization. 8 p.

No. 100. Judge [Samuel I.] Rosenman's report to President Truman - highlights relating to food, with food items underlined. 2 p.

No. 102. Prisoner of war farm labor. 2 p.

151 SPRING clean-up week to prevent fires, accidents, waste. 3 p., processed. 1945. 1.914 A2Sp8

152 STRUCTURE, functions, and origins of the Department of Agriculture and its constituent agencies. Rev., 18 p., processed. May 1, 1945. ([Rpt.] No. 1) 1.90 A2Un32

153 VICTORY harvest; film story of the emergency farm labor program. 6-p. folder. 1945. 1.914 M2V66

#### LIBRARY

154 PERIODICALS currently received [in Albuquerque Branch, U. S. D. A. Library]. Rev., 4 p., processed. Albuquerque, N. Mex., 1944. 1.916 AL1L

#### MARKETING SERVICES, OFFICE OF

155 ANNUAL summary of carlot unloads of fresh fruits and vegetables at Washington, D. C., for 1944. 26 p., processed. 1945? 1.9 Ec741Cu

156 BEEKEEPING still considered essential agricultural activity. 2 p., processed. 1945. 1.9422 Su2B39

Status of beekeepers relative to Selective Service.

157 CATTLE and calves: monthly average price per 100 pounds, Omaha, 1944. Based on the mean of daily range of quotations. 2 p., processed. 1945. 1.9422 L8C29Om

158 DARK air-cured tobacco market review, 1944-45 season. 26 p., processed. 1945. 1.9 Ec714T

159 FEINSTEIN, L. A quick test for flour or bread enrichment. 2 p., processed. 1945. 1.9422 A2Q4

160 GAGE, C. E. What will cigarette demand be after this world war is all over? 9 p., processed. 1945. 1.9422 T2W55

Reprinted from Tobacco [New York] 120(13): 19-20, 94. Mar. 29, 1945. 286.89 T552

161 GERDES, F. L. Developments in cotton quality testing as related to breeding, harvesting, ginning, and marketing. 17 p., processed. 1945. 1.9422 C2G31

Address, Textile Club, Boston, Apr. 7, 1945.

162 GRADE and staple length of upland cotton ginned in the United States, 1944-45. 1 p., processed. 1945. 1.9422 C8G752

Preliminary.

163 INSPECTION offices of the Processed Products Standardization and Inspection Division. 2 p., processed. 1945. 1.9422 Fr22In6

Offices in Western WFA region not included.

164 LABELING insecticides containing DDT. 2 p., processed. 1945. 1.9422 L2L11

165 REVIEW of 1944 domestic dairy markets. (Annual supplement to Monthly Domestic Dairy Markets Review.) 3 p., processed. 1945. 1.9422 D3R32

166 REVIEW of 1944 egg and poultry markets. (Annual supplement to Monthly Egg and Poultry Markets Review.) 3 p., processed. 1945. 1.9422 Po8R32

167 SPECIFICATIONS for batt type cotton insulation with or without backing material. 4 p., processed. 1945. (Cotton Insulation Program (Fiscal Year 1944) Cotton Insulation Specifications No. 7a) 1.94 C82Cd

168 YOUR help is urgently needed! 5 p., processed. 1945. 1.9422 Po8Y8

Reason for the chicken shortage; what WFO 119 means to each group affected by it.

#### PERSONNEL, OFFICE OF

169 SUGGESTIONS for use of "Damage Control - Chemistry of Fire" [a Navy training film]. 4 p., processed. 1945. 1.917 T2Su32

170 TRAINING for personnel management. 18 p., processed. 1945. 1.917 A2T68

#### PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, BUREAU OF

171 BEATTIE, W. R. Tuberous-rooted begonias. 3 p., processed. Beltsville, Md., n. d. 1.965 F4T79

172 CULTURAL and fertilizer recommendations for pecans. 5 p., processed. Albany, Ga., n. d. 1.965 F4C894

173 HEPTING, G. H. Some temperature and moisture relations in plywood aircraft structures. U. S. Bur. Plant Indus., Soils, and Agr. Engin. Forest Path. Spec. Release 20, 9 p., processed. Beltsville, Md., 1944. 1.965 F3F76

174 MULFORD, F. L. House plants. 8 p., processed. Beltsville, Md., 1945? 1.9 P77Ho

175 PREVENTING moisture in farmhouses. U. S. Bur. Plant Indus., Soils, and Agr. Engin. Inform. Ser. 71, 9 p., processed. n. d. 1.9 R531I

176 PUBLICATIONS helpful in building and remodeling farm structures. U. S. Bur. Plant Indus., Soils, and Agr. Engin. Inform. Ser. 68, 2 p., processed. 1944. 1.9 R531I

177 SIEVERS, A. F. A brief history of commercial medicinal plant culture in the United States. 9 p., processed. Beltsville, Md., 1945. (DRP-6) 1.965 D2B76

Revision of a paper by the same title published in the Journal of the American Pharmaceutical Association in Sept. 1940.

178 SOURCES of information on earth construction. 1 p., processed. n. d. 1.965 E2S08

#### RURAL ELECTRIFICATION ADMINISTRATION

179 LIST of materials acceptable for use on REA-financed systems. -Unpaged. Processed. 1944. 1.933 L69

Supersedes all preceding issues including revisions.

#### SECRETARY, OFFICE OF

180 WICKARD, C. R. Moving forward together. 4 p., processed. 1945. 1.91 A2W63

Address at a dinner meeting of the Kiwanis Club at Richmond, Ind., May 9, 1945, at the launching of a long-range agricultural program by the Club. Deals mainly with the need for cooperation between agriculture and industry and conservation farming.

181 WICKARD, C. R. Statement...before the Committee on Irrigation and Reclamation...May 4, 1945...relative to H. R. 520 [Reclamation Soldier Settlement Act of 1945]. 3 p., processed. 1945. 1.91 A2W63



182 WICKARD, C. R. Trade agreements; statement...before the House Ways and Means Committee, April 24, 1945. 2 p., processed. 1945. 1.91 A2M63

#### SOIL CONSERVATION SERVICE

183 BARNES, O. K. Pitting pastures produces more meat at Archer [Wyoming] Experiment Station. 1 p., processed. Lincoln, Nebr., 1945. 1.9607 P68  
Moisture conservation.

184 BIRDS are worthwhile allies of agriculture. 4 p., processed. Lincoln, 1945. 1.9607 B53  
Providing areas on farms to attract birds by soil and moisture conservation practices.

185 CARE and planting of trees and shrubs. 2 p., processed. Albuquerque? 1945. 1.9608 C18

186 A COMPARISON of bromegrass and orchard grass pastures. U. S. Soil Conserv. Serv. Upper Miss. Region Tech. Note 28, 2 p., processed. Milwaukee, Wis., 1945. 1.9605 T22

Abstract of an article by R. F. Fuelleman, W. L. Burlison, and W. G. Kammlade in Amer. Soc. Agron. J. 36: 849-858. Oct. 1944. 4 Am34P

187 CONSERVATION farming for greater food production. 4 p., processed. Lincoln, Nebr.? 1945. 1.9607 C762

188 CONSERVATION farming to reduce erosion and maintain fertility. 4 p., processed. Lincoln? 1945. 1.9607 C764

189 COOPERATIVE agreement for cooperative farm forestry and soil and water conservation work. 2 p., processed. n. d. 1.96 R27Ca

190 EFFECT of tree plantings on wind velocity. 1 p., processed. Lincoln, 1945. 1.9607 Ef3

191 IMPORTANT features of trees, shrubs and vines for conservation planting in Region 6 [Southwestern region]. Chart. Processed. Albuquerque, 1944. 1.9608 Im7

Prepared by the Forestry Division in cooperation with the Nursery and Biology Divisions.

192 LANDON, I. K. Make the best use of western wheatgrass. 4 p., processed. Lincoln, 1945. 1.9507 M28

193 LIST of manuscripts in files of Division of Irrigation...Berkeley, California. 133 p., processed. Berkeley, Calif., 1944. 1.96 R31L1

Prepared by personnel of Division of Irrigation and others interested in the various phases of irrigation and drainage.

194 LUKER, C. Soil conservation districts, philosophy back of the district movement and relationship of the Soil Conservation Service to soil conservation districts. 2 p., processed. Albuquerque, N. Mex., 1945. 1.9608 So33

195 PROTECTION afforded by 10 year old shelterbelt. 1 p., processed. Lincoln, 1945. 1.9607 P943

196 REGIONAL training school for professional employees, La Crosse, Wisconsin. 37 p., processed. Milwaukee, Wis., 1945. 1.9605 R263

Land use, soil and water conservation.

197 SCIENTIFIC and common plant names, and palatabilities for important range plants of Hemp-hill, Roberts, and Hutchinson Counties, Texas. 2 p., processed. Albuquerque? 1943. 1.9608 Sci2

198 SETTING up a one-way [disk] for pitting pastures. 1 p., processed. Lincoln, Nebr., 1945. 1.9607 Se7

199 SOIL saving, moisture saving tillage practices in relation to soil conservation farming programs on Pacific Northwest wheat lands. 8 p., processed. Spokane, Wash., n. d. 1.9609 So35

200 SUMMARY [of discussion] Research-Operations Conference, Soil Conservation Service, Milwaukee, Wisconsin, February 13, 14, and 15, 1945. 22 p., processed. Milwaukee, 1945. 1.9605 Su62

Distribution limited.

Includes grassland farming and moisture studies.

201 TRAINING outline; wildlife in the farm plan. 5 p., processed. Albuquerque, N. Mex.? 1945. 1.9608 T68

202 TRANSCRIPT of meeting, Columbia River Basin Interstate Water Forecast Committee, held at Portland, Oregon, April 18, 1944. 57 p., processed. Medford, Ore., Oregon Coop. Snow Surveys, n. d. 1.96 R31Tmc

Oregon Agricultural Experiment Station, Medford Branch cooperating.

Proceedings of the seventh annual meeting. Includes discussion on snow surveys, reservoir storage, soil moisture, ground water, the impending water shortage and its effect upon power planning, agricultural planning and production.

203 WYLIE, L. J. Problem situations in contour plowing. 12 p., processed. Lincoln, Nebr., 1945. 1.9607 P944

#### SUPPLY, OFFICE OF

204 HOUSEHOLD fat salvage program fact sheet. 4 p., processed. Chicago, 1945. 1.9422 AZH81

205 OLMSTEAD, R. W. World food outlook - 1945. 13 p., processed. 1945. 1.957 OL5  
Statement at a hearing of "The Food Committee" of the Senate Committee on Agriculture and Forestry, Apr. 3-5, 1945.

206 SCHOOL lunch recipes featuring cabbage. 1 p., processed. 1945. 1.957 Su7Sch62

207 SELECTION and care of food preservation equipment. 4 p., processed. Chicago, 1945. 1.957 Su7Se4

#### WAR FOOD ADMINISTRATION

208 GOVERNMENT inspection of fresh fruits and vegetables in receiving markets. 2 p., processed. n. d. 1.9424 A2G74

List of markets where inspection service is available.

209 INDUSTRIAL feeding management. 46 p. 1945. (NFC-14) 1 F733N

Prepared by the Committee on the Nutrition of Industrial Workers of the National Research Council in collaboration with the War Food Administration.

Supersedes the pamphlet entitled Manual of Industrial Nutrition (NFC-1).

210 METAL can requirements. 2 p., processed. 1945. 1.9424 A2M56.

Shipments of metal cans during 1944; estimated requirements for 1945.

211 THE PRODUCTION of metal containers for essential foods and for specialized military uses in 1945. 4 p., processed. 1945. 1.9424 A2P942

212 SARGENT, J. W. Soil conservation as related to increased yields and production. 5 p., processed. 1944. 1.9424 A2So3

For presentation to the Special Committee of the House Committee on Agriculture on Post-War Farm Programs at hearings on Dec. 4, 1944.

213 STECK, L. J. Economic statement with respect to War Food Order 13 [designed to divert butterfat and milk solids-not-fat from their use in heavy cream, cream products, and filled cream to uses more essential for war and necessary civilian consumption]. 9 p., processed. 1945. 1.9424 A2Ec7

214 SUMMARY of the more important Federal statutory provisions applicable to cotton. 10 p., processed. 1944. 1.9424 A2Su63

For presentation to the Special Committee of the House Committee on Agriculture on Post-War Farm Programs at hearings on Dec. 4, 1944.

215 WAR FOOD Order. 5 Nos. 1945. 1 F733F  
WFO 44, amend. 8. Fish and shellfish; restrictions on 1945 pack of canned fish. 2 p. Mar. 26.

WFO 44-1, amend. 5. Fish and shellfish; filing of reports: canned fish. 1 p. Mar. 27.

WFO 53, amend. 8. Red oil [distribution, delivery, and use]. 2 p. May 10.

WFO 115, amend. 5. Candy bars, candy rolls, or candy packages. 1 p. Mar. 26.

WFO 124, amend. 1. Linseed oil inventories. 2 p. Apr. 21.



STATE AGRICULTURAL EXPERIMENT STATION PUBLICATIONS  
July 1945

Includes State Agricultural Experiment Station publications received in the library during the preceding month. Articles in Station periodicals containing more than one article in an issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Experiment Stations are not available from the U. S. Department of Agriculture but are often available from the publishing State agricultural experiment station.

Mimeographed or processed material issued by the State Agricultural Experiment Stations is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Arizona Agricultural Experiment Station, Tucson

216 DAVIS, C. H., SMITH, T. J., and HAWKINS, R. S. Eradication of white horse nettle [*Solanum elaeagnifolium*] in southern Arizona. *Ariz. Agr. Expt. Sta. B. 195*, 14 p. 1945. 100 Ar4

217 SMITH, M. C., and others. The pro-vitamin A and vitamin C values of melons served to the Army and Navy training groups at the University of Arizona. *Ariz. Agr. Expt. Sta. Mimeog. Rpt. 67*, 11 p. 1944. 100 Ar4M

H. Farrankop, E. Caldwell, and M. A. Wood, joint authors.

National Cooperative Project, Conservation of the Nutritive Value of Foods.

218 SMITH, M. C., and FARRANKOP, H. The vitamin content of fifteen varieties of Arizona dates. *Ariz. Agr. Expt. Sta. Mimeog. Rpt. 69*, 7 p. 1945. 100 Ar4M

California Agricultural Experiment Station, Berkeley

219 JOHNSTON, C. N. Irrigation wells and well-drilling methods in California. *Calif. Agr. Expt. Sta. C. 361*, 37 p. 1945. 100 C12S

220 LEACH, L. D. Effect of downy mildew on productivity of sugar beets, and selection for resistance. *Hilgardia 16*: 317-334. Feb. 1945. 100 C12H

221 SEVERIN, H. H. P., HORN, F. D., and FRAZIER, N. W. Certain symptoms resembling those of curly top or aster yellows, induced by saliva of *Xerophloea vanduzeei*. *Hilgardia 16*: 337-350. Feb. 1945. Ref., p. 349-350. 100 C12H

The feeding of *Xerophloea vanduzeei* on sugar beets.

Colorado Agricultural Experiment Station, Fort Collins

222 MCLEAN, J. G. The effect of planting dates on the yield of Triumph and Red McClure potatoes in the San Luis Valley. *Colo. Agr. Expt. Sta. Press B. 99*, 4 p. 1945. 100 C71S

223 COLORADO farm bulletin, v. 7, No. 2, 15 p. Mar./Apr. 1945. 100 C71S

Connecticut (Storrs) Agricultural Experiment Station, Storrs

224 BRESSLER, R. G., JR., CLARKE, D. A., JR., and SEAVER, S. K. Efficiency of milk marketing in Connecticut. 9. Conservation possibilities in retail delivery in major markets. *Conn. (Storrs) Agr. Expt. Sta. B. 253*, 46 p. 1944. 100 C76S

225 MACLEOD, A., and others. Some recent developments in the Connecticut milk markets. I. Milk production and consumption trends. II. The 1943 emergency milk purchase program. *Conn. (Storrs) Agr. Expt. Sta. B. 254*, 40 p. 1945. 100 C76S

D. A. Clarke, Jr., D. O. Hammerberg, and W. G. Sullivan, joint authors.

Delaware Agricultural Experiment Station, Newark

226 MACCREARY, D. Ticks of Delaware, with special reference to *Dermacentor variabilis* (Say), vector of Rocky Mountain spotted fever. *Del. Agr. Expt. Sta. B. 252*, 22 p. 1945. Ref., p. 19-20. 100 D37S

227 PIERPONT, R. L. Development of a terpene thiocyanate ester (Thanite) as a fly spray concentrate. *Del. Agr. Expt. Sta. B. 253*, 58 p. 1945. 100 D37S

Florida Agricultural Experiment Station, Gainesville

228 NELLER, J. R. Availability of the phosphorus of various types of phosphates added to Everglades peat land. *Fla. Agr. Expt. Sta. B. 408*, 28 p. 1945. Ref., p. 27-28. 100 F66S

229 MEHRHOF, N. R., WARD, W. F., and MOORE, O. K. Comparison of purebred and crossbred cockerels with respect to fattening and dressing qualities. *Fla. Agr. Expt. Sta. B. 410*, 16 p. 1945. 100 F66S

230 BROOKS, A. N., MOORE, W. D., and BORDERS, H. I. Sclerotiniosis [*Sclerotinia sclerotiorum*] of vegetables and tentative suggestions for its control. *Fla. Agr. Expt. Sta. Press B. 613*, 4 p. 1945. 100 F66S

Georgia Agricultural Experiment Station, Experiment

231 REDER, R., and others. The effects of maturity, nitrogen fertilization, storage and cooking, on the ascorbic acid content of two varieties of turnip greens. *Ga. Agr. Expt. Sta. South. Coop. Ser. B. 1*, 30 p. 1943. Ref., p. 27-30. 100 So825

M. Speirs, H. L. Cochran, M. E. Hollinger, L. R. Farish, M. Gieger, L. McWhirter, O. A. Sheets, J. F. Eheart, R. C. Moore, and R. L. Carolus, joint authors.

This bulletin may be obtained also from the Louisiana, Mississippi, Oklahoma, Virginia, and Virginia Truck Agricultural Experiment Stations cooperating.

232 SPEIRS, M., and others. Effect of fertilizer and environment on the iron content of turnip greens. *Ga. Agr. Expt. Sta. South. Coop. Ser. B. 2*, 24 p. 1944. 100 So825

W. S. Anderson, M. Gieger, L. McWhirter, O. A. Sheets, R. Reder, J. B. Edmond, E. J. Lease, J. H. Mitchell, G. S. Fraps, J. Whitacre, S. H. Yarnell, W. B. Ellet, R. C. Moore, H. H. Zimmerley, L. Ascham, and H. L. Cochran, joint authors.

This bulletin may be obtained also from the Mississippi, Oklahoma, South Carolina, Texas, Virginia, and Virginia Truck Agricultural Experiment Stations cooperating.

Hawaii Agricultural Experiment Station, Honolulu

233 POTGIETER, M. The adequacy of diets of 38 Honolulu families on relief and suggestions for obtaining a more adequate diet on a limited budget. *Hawaii. Agr. Expt. Sta. B. 94*, 38 p. 1944. Ref., p. 37-38. 100 H313

234 HENKE, L. A. Protein sources and supplements for dairy cows in Hawaii. *Hawaii. Agr. Expt. Sta. B. 95*, 21 p. 1945. 100 H313

Idaho Agricultural Experiment Station, Moscow

235 CROP and pasture lands in the postwar period. *Idaho. Agr. Expt. Sta. C. 98*, 7 p. 1945. 100 Id1

Land utilization.



236 POSTWAR program for Idaho: watershed protection, recreation, wildlife, range use on the forest lands. Idaho. Agr. Expt. Sta. C. 101, 7 p. 1945. 100 Id1

Indiana Agricultural Experiment Station, Lafayette

237 INDIANA stallion enrollment: thirty-first annual report of Stallion Enrollment Board for the year 1944 with lists of stallions and jacks enrolled. Ind. Agr. Expt. Sta. C. 303, 32 p. 1944. 100 In2P

Includes article, Horse and mule production from the farmer's point of view, by F. C. Beall; an address before the 1944 annual meeting Indiana Draft Horse and Mule Breeders Association.

Iowa Agricultural Experiment Station, Ames

238 STOUDEUR, K. W. Hog cholera. Iowa. Agr. Expt. Sta. B. P73, p. 451-456. 1945. 100 Io9

239 MORTENSEN, M. Materials-balance method for determining losses of butterfat in the creamery. Iowa. Agr. Expt. Sta. Res. B. 337, p. 652-676. 1945. Ref., p. 675-676. 100 Io9

240 REPORT on agricultural research for the year ending June 30, 1944. Part I. Project reports, publications, staff, financial statement. 298 p. 1944. 100 Io9

241 REPORT on agricultural research for the year ending June 30, 1944. Part II. Iowa Corn Research Institute ninth annual report. 92 p. 1944. 100 Io9

Kansas Agricultural Experiment Station, Manhattan

242 CLAPP, A. L., and others. Kansas corn tests, 1944. Kans. Agr. Expt. Sta. B. 325, 35 p. 1945. 100 K13S

E. G. Heyne, C. D. Davis, and W. O. Scott, joint authors.

243 GRANDFIELD, C. O. Buffalo alfalfa. Kans. Agr. Expt. Sta. C. 226, 7 p. 1945. 100 K13S

244 PUBLICATION list: publications available from the Agricultural Experiment Station. Kans. Agr. Expt. Sta. C. 227, 4 p. 1945. 100 K13S

245 HOWE, H. The trend of real estate taxation in Kansas, 1910 to 1942. Kans. Agr. Expt. Sta. C. 228, 40 p. 1944. 100 K13S

Maine Agricultural Experiment Station, Orono

246 AVERILL, A. W. Supplement to Food-plant catalogue of the aphids of the world including the Phylloxeridae: index to genera and species of food plants. Maine. Agr. Expt. Sta. B. 393-S, 50 p. 1945. 100 M28S

247 MONROE, M. M. Kerosene burners in a wood cookstove. Maine. Agr. Expt. Sta. B. 433, p. 273-285. 1945. 100 M28S

248 STEINBAUER, G. P. Treatment of potato refuse piles to prevent spread of late blight. Maine. Agr. Expt. Sta. B. 434, p. 287-292. 1945. 100 M28S

249 [CONTENTS and index] sixtieth annual report of the Maine Agricultural Experiment Station, 1943-1944. [28 p.] 100 M28S

Massachusetts Agricultural Experiment Station, Amherst

250 SOUTHWICK, L., FRENCH, A. P., and ROBERTS, O. C. The identification of pear varieties from non-bearing trees. Mass. Agr. Expt. Sta. B. 421, 51 p. 1944. 100 M38H

251 HAYS, F. A. Factors affecting annual egg production. Mass. Agr. Expt. Sta. B. 423, 12 p. 1944. 100 M38H

252 ARCHIBALD, J. G., and PARSONS, C. H. Grass silage. Mass. Agr. Expt. Sta. B. 425, 11 p. 1945. 100 M38H

253 MCLAUGHLIN, F. A. Seed inspection. Mass. Agr. Expt. Sta. Control Ser. B. 123, 41 p. 1944. 100 M38H

Michigan Agricultural Experiment Station, East Lansing

254 TITUS, H. The land nobody wanted: the story of Michigan's public domain. Mich. Agr. Expt. Sta. Spec. B. 332, 43 p. 1945. 100 M58S

Minnesota Agricultural Experiment Station, University Farm, St. Paul

255 WAITE, W. C. Sales of Minnesota agricultural products in state and out of state. Minn. Agr. Expt. Sta. B. 384, 12 p. 1945. 100 M66

256 ROST, C. O., KRAMER, H. W., and MCCALL, T. M. Fertilizers for potatoes in the Red River Valley. Minn. Agr. Expt. Sta. B. 385, 16 p. 1945. 100 M66

257 FIFTY-FIRST annual report of the Minnesota Agricultural Experiment Station, July 1, 1943 to June 30, 1944. 32 p. 1945. 100 M66

258 MINNESOTA farm and home science, v. 2, Nos. 2, 3, 16 p. each. Feb. 15, May 15, 1945. 100 M668

Mississippi Agricultural Experiment Station, State College

259 MISSISSIPPI farm research, v. 8, Nos. 4, 5, 8 p. each. Apr., May 1945. 100 M69M1

Missouri Agricultural Experiment Station, Columbia

260 MUMFORD, F. B. History of the Missouri College of Agriculture. Mo. Agr. Expt. Sta. B. 483, 300 p. 1944. 100 M693

261 TALBERT, T. J. Commercial grape growing in Missouri. Mo. Agr. Expt. Sta. B. 484, 28 p. 1944. 100 M693

Montana Agricultural Experiment Station, Bozeman

262 MORRIS, H. E., and AFANASIEV, M. M. Montana Progressive strawberry, a yellows-resistant, everbearing variety developed during research on yellows. Mont. Agr. Expt. Sta. C. 181, 2 p. 1945. 100 M76

Nebraska Agricultural Experiment Station, Lincoln

263 CLAASSEN, C. E., and KIESSELBACH, T. A. Experiments with safflower in western Nebraska. Nebr. Agr. Expt. Sta. B. 376, 28 p. 1945. 100 N27

264 HATHAWAY, I. L., and DAVIS, H. P. Studies on the riboflavin content of cheese. Nebr. Agr. Expt. Sta. Res. B. 137, 12 p. 1945. 100 N27

265 YUNG, F. D., and MUSSEHL, F. E. Electric chick brooding studies. Nebr. Agr. Expt. Sta. C. 80, 19 p. 1945. 100 N27

266 DOWNS, P. A., and YUNG, F. D. Nebraska cream receiving cabinet. Nebr. Agr. Expt. Sta. Agr. Engin. Prog. Rpt. 10, 5 p., processed. 1945. 100 N27A

Nevada Agricultural Experiment Station, Reno

267 HARTLEY, M. L. Farm business summary of fifty-six farms in Nevada for 1944. Nev. Agr. Expt. Sta. Farm Managt. B., v. 6, No. 2, 5 p., processed. 1945. 100 N414F

New Mexico Agricultural Experiment Station, State College

268 GUNNINGHAM, O. C., and NELSON, D. H. Raising calves on a limited amount of milk. N. Mex. Agr. Expt. Sta. B. 318, 20 p. 1944. 100 N465

New York (Cornell) Agricultural Experiment Station, Ithaca

269 MISNER, E. C. A new type of animal pedigree. N. Y. (Cornell) Agr. Expt. Sta. A. E. 521, 36 p., processed. 1945. 281.9 C81

270 LEE, W. A. Retailing potatoes and other vegetables, Buffalo, New York, 1940. N. Y. (Cornell) Agr. Expt. Sta. B. 814, 61 p. 1945. 100 M48C



271 ANDERSON, W. A., and SPAULDING, I. A. Farm labor camps and city youth. N. Y. (Cornell) Agr. Expt. Sta. B. 819, 27 p. 1945. 100 N48C

272 BUTT, F. H. External morphology of *Amphimallon majalis* (Razoumowski) (Coleoptera, the European chafer). N. Y. (Cornell) Agr. Expt. Sta. Mem. 266, 18 p. 1944. Ref., p. 16-17. 100 N48C

273 ANDERSON, W. A. Farm cooperatives and farm women: a study of the knowledge and attitudes of farm women relative to cooperatives. N. Y. (Cornell) Agr. Expt. Sta. Mimeog. B. 16, 36 p. 1945. 100 N48Cm

North Dakota Agricultural Experiment Station, State College Station, Fargo

274 BIMONTHLY bulletin, v. 7, No. 4, 31 p. Mar./Apr. 1945. 100 N813B

Ohio Agricultural Experiment Station, Wooster

275 SPRAYING program and pest control for fruit crops. Ohio. Agr. Expt. Sta. B. 655, rev., 64 p. 1945. 100 Oh3S

Revision of Bulletin 599.

Also published as Ohio. Agr. Col. Ext. B. 128.

276 HAYDEN, C. C., and others. Hay-crop silage: a summary of ten years' work. Ohio. Agr. Expt. Sta. B. 656, 25 p. 1945. Ref., p. 24-25. 100 Oh3S

A. E. Perkins, C. F. Monroe, W. E. Krauss, R. G. Washburn, and C. E. Knoop, joint authors.

277 BUSHNELL, J. Experiments in growing tomatoes for canning. Ohio. Agr. Expt. Sta. B. 657, 20 p. 1945. 100 Oh3S

278 THE USE of wheat in dairy grain mixtures. Ohio. Agr. Expt. Sta. Spec. C. 70, 8 p. 1944. 100 Oh3S

279 PATON, R. R. Planting black walnuts. Ohio. Agr. Expt. Sta. Div. of Forestry P. 77, 1 p., processed. 1944? 99.9 Oh33

280 BIMONTHLY bulletin, v. 30, No. 234, p. 89-115. May/June 1945. 100 Oh3S

Oklahoma Agricultural Experiment Station, Stillwater

281 LIGON, L. L. Mungbeans: a legume for seed and forage production. Okla. Agr. Expt. Sta. B. 284, 12 p. 1945. 100 Ok4

Revision of Okla. Agr. Expt. C. C-104.

282 MURPHY, H. F. Fertilizing wheat for yield and quality. Okla. Agr. Expt. Sta. B. 285, 21 p. 1945. 100 Ok4

283 FEATHERLY, H. I. Some plants poisonous to livestock in Oklahoma. Okla. Agr. Expt. Sta. C. C-118, 16 p. 1945. 100 Ok4

284 PRODUCTION adjustments in Oklahoma agriculture for 1945. Okla. Agr. Expt. Sta. Mimeog. C. M-131, 33 p. 1944. 100 Ok4M

Goals for crop and livestock production.

285 CHESTER, K. S. Prevention of watermelon diseases. Okla. Agr. Expt. Sta. Mimeog. C. M-133, 2 p. 1945. 100 Ok4M

286 MILEY, T. T., and THOMPSON, R. B. Range crops for turkeys. Okla. Agr. Expt. Sta. Mimeog. C. M-134, 2 p. 1945. 100 Ok4M

287 BRIGGS, H. M. Fattening lambs on wheat pasture. Okla. Agr. Expt. Sta. Mimeog. C. 135, 2 p. 1945. 100 Ok4M

288 FEEDING and grazing experiments with beef cattle. Okla. Agr. Expt. Sta. Mimeog. C. M-136, 28 p. 1945. 100 Ok4M

Contents: The experimental range unit; Utilization of Bluestem grass in maintaining the commercial cow herd, by A. E. Darlow, B. R. Taylor, V. G. Heller, W. D. Campbell, and J. C. Hillier; The value of a mineral supplement in wintering 2-year-old steers on

Bluestem grass and 41% soybean cake, by A. E. Darlow, B. R. Taylor, V. G. Heller, W. D. Campbell, and J. A. Hoefer; Supplements for fattening 2-year-old steers on Bluestem grass, 1944 grazing season, by A. E. Darlow, V. G. Heller, B. R. Taylor, and W. D. Campbell; Summer gains of yearling steers wintered at different levels, by A. E. Darlow, B. R. Taylor, and W. D. Campbell; How well should steer calves be wintered? by A. E. Darlow, W. D. Campbell, V. G. Heller, and H. M. Briggs; Dried sweet potatoes and ground wheat as a substitute for corn in rations for fattening steer calves, by A. E. Darlow, W. D. Campbell, F. B. Cross, V. G. Heller, and H. M. Briggs; Yield and feeding value of prairie hay cut at different stages of maturity, by H. M. Briggs, W. D. Gallup, and A. E. Darlow; Urea as a partial protein (nitrogen) supplement for beef cattle, by H. M. Briggs, W. D. Gallup, A. E. Darlow, D. F. Stephens, J. A. Hoefer, and W. D. Campbell.

289 WILLHAM, O. S. Swine improvement through inbreeding and outcrossing. Okla. Agr. Expt. Sta. Mimeog. C. 137, 3 p. 1945. 100 Ok4M

290 THOMPSON, C. P., and HILLIER, J. C. Protein supplements for fattening swine. Okla. Agr. Expt. Sta. Mimeog. C. 138, 3 p. 1945. 100 Ok4M

291 MCMILLAN, R. T. Rural farm housing characteristics in Oklahoma. Okla. Agr. Expt. Sta. Mimeog. C. M-140, 9 p. 1945. 100 Ok4M

292 CROSS, C. B. Small grain results, 1945: wheat, oats, barley, rye. Okla. Agr. Expt. Sta. Mimeog. C. M-141, 11 p. 1945. 100 Ok4M

293 STATEN, H. W. Grazing trials: winter small grains and ryegrass; palatability comparisons of six crops, fertilized and unfertilized. Okla. Agr. Expt. Sta. Mimeog. C. M-142, 13 p. 1945. 100 Ok4M

Experimental pasture crops: rye, oats, barley, soft wheat, hard wheat, and ryegrass.

294 STATEN, H. W., and MUNCRIEF, E. H. Forage production of winter small grain varieties and annual rye grass and effect of clipping upon grain yields: three years' results, 1942-3 to 1944-5. Okla. Agr. Expt. Sta. Mimeog. C. M-143, 7 p. 1945. 100 Ok4M

Oregon Agricultural Experiment Station, Corvallis

295 SCHOTH, H. A. Ladino clover for western Oregon. Oreg. Agr. Expt. Sta. C. 161, 12 p. 1944. 100 Or3

Rhode Island Agricultural Experiment Station, Kingston

296 BELL, R. S., and TEDROW, J. C. F. The control of wind erosion by the establishment of turf under airport conditions. R. I. Agr. Expt. Sta. B. 295, 22 p. 1945. 100 R34S

Turf seed plantings for airport project plots, Naval Air Station, Quonset Point, Rhode Island.

297 KUSCHKE, B. M. Floor finishes as affected by composition soles and heels of wartime shoes. R. I. Agr. Expt. Sta. Misc. P. 22, 6 p., processed. 1945. 100 R34M

298 BELL, R. S. Turf management in Rhode Island; the control of insects, by C. Jennings; turf and lawn diseases, by H. L. Keil. R. I. Agr. Expt. Sta. Misc. P. 26, 21 p., processed. 1945. 100 R34M

South Carolina Agricultural Experiment Station, Clemson

299 BARNES, W. C., and CLAYTON, C. N. Some factors affecting production of market or garden peas. S. C. Agr. Expt. Sta. B. 354, 15 p. 1945. 100 So8

300 CROWSON, M. M. Enriched corn meal and grits recipes. S. C. Agr. Expt. Sta. C. 69, 16 p. 1945. 100 So8  
Corn foods.

Tennessee Agricultural Experiment Station, Knoxville

301 ALLRED, C. E., and MASTERS, F. N. Prerequisite requirements for courses in agricultural colleges. Tenn. Agr. Expt. Sta. Rural Res. Ser. Monog. 183, 49 p., processed. 1945. 173.2 W89C6



302 LUESKE, B. H., and MARSHALL, J. H. Farm real estate market in Tennessee, 1850-1944. Tenn. Agr. Expt. Sta. Rural Res. Ser. Monog. 184, 41 p., processed. 1945. 173.2 W39Co

Texas Agricultural Experiment Station, College Station

303 COVER, S., and others. Effects of fatness on tenderness of lamb. Tex. Agr. Expt. Sta. B. 661, 28 p. 1944. Ref., p. 27-28. 100 T31S

A. K. Mackey, C. E. Murphey, J. C. Miller, H. T. Bass, C. L. Bell, and C. Hamalainen, joint authors.

304 CROUCH, E. K., and JONES, J. H. Pasture development in the east Texas timber country. Tex. Agr. Expt. Sta. B. 666, 20 p. 1945. 100 T31S

305 JACKSON, A. D. Abstracts of bulletins No. 625-662, circulars No. 101-105, and other publications during 1943 and 1944. Tex. Agr. Expt. Sta. C. 107, 81 p. 1944. 100 T31S

306 HAMILTON, T. R. Trends in the sheep and wool industry in Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 944, 28 p., processed. 1945. 100 T31P

307 FRAPS, G. S. Lemons dipped in merthiolate for stem end decay do not retain mercury if properly washed. Tex. Agr. Expt. Sta. Prog. Rpt. 946, 3 p., processed. 1945. 100 T31P

Utah Agricultural Experiment Station, Logan

308 THOMAS, W. P., and BLANCH, G. T. Marketing fruits and vegetables in Utah. Utah. Agr. Expt. Sta. B. 316, 67 p. 1945. 100 Utl

309 STODDART, L. A. Range lands of Utah County and their utilization. Utah. Agr. Expt. Sta. B. 317. 32 p. 1945. 100 Utl

310 BROADBENT, D. A., THOMAS, W. P., and BLANCH, G. T. An economic analysis of turkey production in Utah. Utah. Agr. Expt. Sta. B. 318, 47 p. 1945. 100 Utl

Virginia Agricultural Experiment Station, Blacksburg

311 POTTER, P. B., and FULLER, A. H. Coffee-making equipment. Va. Agr. Expt. Sta. B. 367, 30 p. 1945. 100 V81S

312 SMITH, A. G. Lime and fertilizers in relation to blackspot of roses. Va. Agr. Expt. Sta. B. 368, 10 p. 1945. 100 V81S

Washington Agricultural Experiment Station, Pullman

313 OVERHOLSER, E. L., ALIMENDINGER, D. F., and OVERLEY, F. L. The effect of certain sprays upon the apparent photosynthetic activity of apple trees. Wash. Agr. Expt. Sta. B. 447, 28 p. 1944. 100 W27E

314 VOGEL, O. A., SWENSON, S. P., and HOLTON, C. S. Orfed wheat. Wash. Agr. Expt. Sta. B. 451, 10 p. 1944. 100 W27E

315 WOIBERG, F. B., SPIELMAN, A. A., and MILLER, V. L. The value of liquid manure for pasture. Wash. Agr. Expt. Sta. B. 457, 19 p. 1945. 100 W27E

316 BERG, L. R., BEARSE, G. E., and MILLER, V. L. A comparison of two methods of supplying calcium to laying pullets. Wash. Agr. Expt. Sta. B. 458, 20 p. 1944. Ref., p. 19-20. 100 W27E

317 HUNT, L. W., SUNNELL, A., and PFAFF, A. The effect of preservation on the nutritive value of food. Wash. Agr. Expt. Sta. Pop. B. 175, 24 p. 1944. Ref., p. 23-24. 100 W27E



STATE AGRICULTURAL EXTENSION SERVICE PUBLICATIONS

Includes State Agricultural Extension Service publications received in the library during the preceding month. Articles in Extension periodicals containing more than one article in an issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Extension Services are not available from the U. S. Department of Agriculture but are often available from the publishing State Extension Service.

Mimeographed or processed material issued by the State Agricultural Extension Services is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Alabama Polytechnic Institute, Agricultural Extension Service, Auburn

318 EXTENSION Service annual meeting proceedings, Birmingham, Alabama, January 10-13, 1944. Ala. Polytech. Inst. Agr. Ext. C. 271, 78 p. 1944. 275.29 A11C

319 MAJORS, E. Rating sheet for parents. Ala. Polytech. Inst. Agr. Ext. C. 294, 4 p. 1944. 275.29 A11C

Care and training of children.

320 AMOS, M. What does the sweet potato offer in nutritive value? Ala. Polytech. Inst. Agr. Ext. C. 295, 7 p. 1944. 275.29 A11C

Includes recipes.

321 MAJORS, E. Christmas program. Ala. Polytech. Inst. Agr. Ext. C. 298, 8 p. 1944. 275.29 A11C

322 AMOS, M. Root vegetables, [recipes]. Ala. Polytech. Inst. Agr. Ext. C. 299, 8 p. 1944. 275.29 A11C

323 PEANUT hay. Ala. Polytech. Inst. Agr. Ext. C. 300, 4 p. 1944. 275.29 A11C

Comparative feeding value of peanut hay with other types of hay and recommended rations for cattle.

324 ELLIS, L. B. Accessories number I, handbags. Ala. Polytech. Inst. Agr. Ext. C. 301, 7 p. 1944. 275.29 A11C

325 WHISNANT, M. N. Re-upholstering furniture at home. Ala. Polytech. Inst. Agr. Ext. C. 302, 19 p. 1945. 275.29 A11C

326 BURNS, F. W., TEAGUE, C. E., and LOWERY, J. C. 8-point dairy program, efficiency pays. Ala. Polytech. Inst. Agr. Ext. C. 303, 10 p. 1945. 275.29 A11C

327 OUTLOOK and goals for Alabama farmers in 1945. Ala. Polytech. Inst. Agr. Ext. C. 304, 7 p. 1945. 275.29 A11C

328 CURTIS, L., and WHISNANT, M. N. Canned food storage. Ala. Polytech. Inst. Agr. Ext. C. 305, 6 p. 1945. 275.29 A11C

California University, College of Agriculture, Agricultural Extension Service, Berkeley

329 LENHART, M. W. Labor requirements for California crops, major seasonal operations based on estimated acreages and production for 1944. 14 p. Calif. Agr. Col. Ext. Emergency Farm Labor Proj., 1945. 275.29 C12L

Results of the second annual survey of labor requirements by the Farm Labor Project.

330 FAUST, H. Nutrition program, yeast breads. Calif. Agr. Col. Ext. H. D. 416, rev., 6 p. 1945. 275.29 C122

Colorado State College of Agriculture, Extension Service, Fort Collins

331 BRYANT, L. R., and others. Raspberry production in Colorado. Colo. State Col. Agr. Ext. B. 385-A, 26 p. 1945. 275.29 C71E

W. A. Kreutzer, J. L. Hoerner, and C. M. Drage, joint authors.

332 CAKES. Colo. State Col. Agr. Ext. C. 1469, 2 p., processed. 1944. 275.29 C71C

333 ECKBLAD, I. M., and SANDHOUSE, H. A. Making cheese at home; recipes for American cream cheese, quick process cheese, cottage cheese. Colo. State Col. Agr. Ext. C. 1873, 4 p. 1944. 275.29 C71C

334 DAVENPORT, E. Small utensils, care and conservation. Colo. State Col. Agr. Ext. C. 1937, 3 p., processed. 1944. 275.29 C71C

335 LABOR savers for canning time. Colo. State Col. Agr. Ext. C. 1949, 1 p., processed. 275.29 C71C

336 DAVENPORT, E. Home refrigeration, leaders' outline. Colo. State Col. Agr. Ext. C. 1950, 2 p., processed. 1944. 275.29 C71C

337 DAVENPORT, E. Iceless refrigerator. Colo. State Col. Agr. Ext. C. 1951, 2 p., processed. 1944. 275.29 C71C

338 DAVENPORT, E. Framing pictures. Colo. State Col. Agr. Ext. C. 1956, 2 p., processed. 1944. 275.29 C71C

339 BROWN, M. J. Cookie notes, leaders' material. Colo. State Col. Agr. Ext. C. 1961, 1 p., processed. 1944. 275.29 C71C

340 BROWN, M. J. Preparation of vegetables to conserve food value. Colo. State Col. Agr. Ext. C. 1964, 2 p., processed. 1945. 275.29 C71C

341 DAVENPORT, E. Kitchen storage. Colo. State Col. Agr. Ext. C. 1965, 3 p., processed. 1945. 275.29 C71C

342 DAVENPORT, E. Method of ironing a man's shirt as worked out at Cornell University. Colo. State Col. Agr. Ext. C. 1966, 1 p., processed. 1945. 275.29 C71C

343 DAVENPORT, E. Wide ironing board, its construction. Colo. State Col. Agr. Ext. C. 1967, 1 p., processed. 1945. 275.29 C71C

344 BROWN, M. J. Frozen desserts. Colo. State Col. Agr. Ext. C. 1969, 4 p., processed. 1945. 275.29 C71C

345 OUR NEIGHBOR series: India, the land of extremes. Colo. State Col. Agr. Ext. C. 1977, 8 p., processed. 1945. 275.29 C71C

346 LEADERS' outline, our neighbors series, India, the land of extremes. Colo. State Col. Agr. Ext. C. 1978, 1 p., processed. 1945. 275.29 C71C

347 DRAGE, C. M. Legumbres para la victoria. Tengan un buen jardin. Colo. State Col. Agr. Ext. C.-G2, Spanish, 8 p. 1945. 275.29 C71Cig

Connecticut University, College of Agriculture, Agricultural Extension Service, Storrs

348 ROLLINS, H. A. Spray program for apple and peach, 1945. Conn. Agr. Col. Ext. B. 369, 10 p. 1945. 275.29 C76B

349 WILKINSON, A. E. Vegetable pest control recommendations. 22 Nos. Conn. Agr. Col. Ext. Card Nos. 1-22. 1945. 275.29 C76Veg

Delaware University, School of Agriculture, Extension Service, Newark

350 FARMING for freedom, annual report, University of Delaware Agricultural Extension Service, December 1, 1942 - November 30, 1943. Del. U. Agr. Ext. B. 41, 19 p. 1944. 275.29 D37

351 WHITCOMB, L. R. Help for income tax returns. Del. U. Agr. Ext. C. 49, 10 p. 1945. 275.29 D37C

352 BRASHER, E. P. Vegetable gardening for victory. Del. U. Agr. Ext. Wartime Ext. Folder 5, rev., 12 p. 1945. 275.29 D37W



353 PRODUCE ... in line with Delaware war food goals. Del. U. Agr. Ext. Wartime Ext. Folder 9, 6 p. 1945. 275.29 D37W

354 EMERGENCY farm labor for 1945. Del. U. Agr. Ext. Wartime Ext. Folder 10, 4 p. 1945. 275.29 D37W

355 PHILLIPS, W. H., and BRASHER, E. P. Delaware garden planting calendar. Del. U. Agr. Ext. Inform. Card 49, rev., 2 p. 1945. 275.29 D37I

Florida University, College of Agriculture, Agricultural Extension Service, Gainesville

356 BROOKS, A. N. Strawberry production. Fla. Agr. Col. Ext. B. 125, 20 p. 1945. 275.29 F66  
A revision of Bulletin 97.

357 DENNIS, F. M., MEHRHOF, N. R., and O'STEEN, A. W. Final report of the eighteenth Florida national egg-laying test, Chipley, Florida, October 1, 1943, to September 21, 1944. 26 p. Fla. Agr. Col. Ext., 1945? 275.29 F66Fi

Georgia University, College of Agriculture, Agricultural Extension Service, Athens

358 RAGSDALE, E. Hints for Georgia gardeners Ga. Agr. Col. Ext. C. 280, rev., 16 p. 1944. 275.29 G29C

Idaho University, College of Agriculture, Extension Service, Moscow

359 HABERLY, M. 4H foods project, division 1, junior cookery. Idaho. Agr. Col. Ext. B. 152, 11 p. 1945. 275.29 Id13

360 HABERLY, M. 4H foods project, division 2, breakfast. Idaho. Agr. Col. Ext. B. 153, 18 p. 1945. 275.29 Id13

361 ARE YOU planning today for your home tomorrow? Idaho. Agr. Col. Ext. Rural Electrification. Ext. Leaflet 63, 2 p. 1945. 275.29 Id13Ir

362 BERESFORD, H. Wiring the farmstead. Idaho. Agr. Col. Ext. Rural Electrification. Ext. Leaflet 64, 2 p. 1945. 275.29 Id13Ir

363 TOEVS, J. L., and others. Phosphate fertilization pays; a progress report on the influence of phosphate fertilizer, on the yield of alfalfa, potatoes and wheat and on the quality of alfalfa hay, in a six year rotation. Idaho. Agr. Col. Ext. War C. 44, 4 p. 1945. 275.29 Id13Wa

G. O. Baker, R. S. Snyder, and O. E. Stamberg, joint authors.

Illinois University, College of Agriculture, Extension Service, Urbana

364 ALP, H. H. Egg price ceilings. 4 p., processed. Ill. Agr. Col. Ext., Monthly Poultry Suggestions, Apr. 1945. 275.29 Il62Pmo

Indiana - Purdue University, Agricultural Extension Service, Lafayette

365 WILHELM, L. A. Care and management of layers. Purdue. U. Agr. Ext. B. 275 [rev.], 16 p. 1944. 275.29 In2E

366 OUTLOOK for Indiana agriculture, 1945. Purdue. U. Agr. Ext. B. 315, 19 p. 1945. 275.29 In2E

367 POULTRY and egg situation [1945 and first half of 1946]. Purdue. U. Agr. Ext. Econ. Inform. for Ind. Farmers No. 20, 4 p. 1945. 275.29 In2Ec

368 LEHKER, G. E., and LUNN, J. H. How to kill chicken lice [Eomenacanthus stramineus] and mites [Dermanyssus gallinae]. Purdue. U. Agr. Ext. Leaflet 261, 3 p. 1944. 275.29 In2IL

369 LUNN, J. H. Home-made equipment for your pullets. Purdue. U. Agr. Ext. Leaflet 262, 4 p. 1944. 275.29 In2IL

370 SAVE the green vitamins for the chickens. Purdue. U. Agr. Ext. Leaflet 263, 2 p. 1944. 275.29 In2IL

Poultry pastures and the preparation of ensilage.

371 RAISE better pullets. Purdue. U. Agr. Ext. Leaflet 264, 2 p. 1944. 275.29 In2IL

Louisiana State University and Agricultural and Mechanical College, Division of Agricultural Extension, University Station, Baton Rouge

372 YEAR of victory on Louisiana's farm front; 1944 annual report, Agricultural Extension Service. 37 p. La. Agr. Col. Ext., 1945? 275.29 L93A

Maryland University, Colleges of Agriculture and Home Economics, Extension Service, College Park

373 VICTORY gardens. Md. Agr. Col. Ext. B. 94, rev., 31 p. 1944. 275.29 M36B

374 GRAHAM, C., WALKER, E. A., and VIERHELLER, A. F. 1945 Maryland spray calendar for apples and peaches. Md. Agr. Col. Ext. B. 105, 40 p. 1945. 275.29 M36B

375 GRAHAM, C., WALKER, E. A., and VIERHELLER, A. F. Spray program for home plantings of tree fruits and small fruits. Md. Agr. Col. Ext. B. 106, 19 p. 1945. 275.29 M36B

376 THE GENERAL livestock and feed situation. Md. Agr. Col. Ext. Md. Livestock Feeding and Home-grown Feed Prod. Program 7th Year, Let. 1, 2 p. 1944. 275.29 M36Li

377 IS IT practicable to grow alfalfa on your farm? Md. Agr. Col. Ext. Md. Livestock Feeding and Home-grown Feed Prod. Program 7th Year, Let. 2, 2 p. 1945. 275.29 M36Li

378 KEEPING garlic flavor out of milk. Md. Agr. Col. Ext. Md. Livestock Feeding and Home-grown Feed Prod. Program 7th Year, Let. 3, 2 p. 1945. 275.29 M36Li

379 IF YOU are short on pasture try Sudan grass. Md. Agr. Col. Ext. Md. Livestock Feeding and Home-grown Feed Prod. Program 7th Year, Let. 4, 2 p. 1945. 275.29 M36Li

Massachusetts State College, Extension Service, Amherst

380 BOURNE, A. I., and BOYD, O. C. Pest control in the home [vegetable] garden. Mass. State Col. Ext. Leaflet 171, rev., 16 p. 1944. 275.29 M38IL

381 LINDSEY, A. H. Buying a farm in Massachusetts. Mass. State Col. Ext. Leaflet 233, 12 p. 1945. 275.29 M38IL

382 PAGE, E. C. Make scraps into hats. Mass. State Col. Ext. Spec. C. 118, 22 p. 1944. 275.29 M38ISc

Michigan State College of Agriculture and Applied Science, Extension Division, East Lansing

383 1945 OUTLOOK for Michigan agriculture. Mich. State Col. Agr. Ext. Agr. Econ. News 33, 40 p. 1945. 275.29 M58A

384 AVERY, M. H. 4-H vegetable gardener. Mich. State Col. Agr. Ext. Club B. H-52, 22 p. 1945. 275.29 M58C

Minnesota University, Department of Agriculture, Division of Agricultural Extension, University Farm, St. Paul

385 IMPROVED varieties of farm crops, varieties recommended for Minnesota by the Minnesota Experiment Station. Minn. U. Agr. Ext. Folder 22, rev., 26 p. 1945. 275.29 M66Ex

386 HAYDAK, M. H. Pollen substitutes to help bees in distress to produce strong colonies earlier. Minn. U. Agr. Ext. Folder 130, 6 p. 1945. 275.29 M66Ex

387 RESTYLING used clothing, leader outline. Minn. U. Agr. Ext. Form VC-9, 1 p., processed. 1944. 275.29 M66F VC

388 CLEANING and adjusting the sewing machine. Minn. U. Agr. Ext. Form VC-13, 2 p. 1945. 275.29 M66F VC



- 389 NEW CLOTHES from old, working guide [demonstration methods in sewing]. Minn. U. Agr. Ext. Form VC-14, 4 p., processed. 1944. 275.29 M66F VC
- 390 SUIT the pattern to the cloth. Minn. U. Agr. Ext. Form VC-15, 3 p., processed. 1944. 275.29 M66F VC

Includes finishes for made-over clothing.

- 391 SIMPLE rules in machine stitching. Minn. U. Agr. Ext. Form VC-16, 2 p. 1945. 275.29 M66F VC

- 392 TIME-SAVERS in home sewing; leader's guide. Minn. U. Agr. Ext. Form VC-19, 1 p., processed. 1944. 275.29 M66F VC

- 393 TIME-SAVERS in home sewing, short cuts. Minn. U. Agr. Ext. Form VC-20, 5 p., processed. 1944. 275.29 M66F VC

- 394 CLOTHING clinics, guide 1. Minn. U. Agr. Ext. Form VC-23, 1 p., processed. 1944. 275.29 M66F VC

- 395 CLOTHING clinics, guide 2. Minn. U. Agr. Ext. Form VC-24, 1 p., processed. 1944. 275.29 M66F VC

- 396 CLOTHING clinics, guide 3. Minn. U. Agr. Ext. Form VC-25, 1 p., processed. 1944. 275.29 M66F VC

- 397 NEW CLOTHES from old, working guide. Minn. U. Agr. Ext. Form VC-26, 3 p., processed. 1944. 275.29 M66F VC

- 398 LET YOUR clothes help you make the most of yourself. Minn. U. Agr. Ext. Form VC-27, 7 p., processed. 1945. 275.29 M66F VC

Mississippi State College, Extension Service, State College

- 399 NEWELL, P. F., and RICHMOND, W. L. Curing quality pork under refrigeration in Mississippi. Miss. State Col. Ext. Leaflet 64, 4 p. 1944. 275.29 M68Ex

- 400 4-H CLUB work, an investment in rural youth. Miss. State Col. Ext. Leaflet 65, 4 p. 1944. 275.29 M68Ex

- 401 PUTNAM, H. J. Analysis of four major farming systems in Mississippi, cotton, general, cotton-livestock, cotton-dairy. Miss. State Col. Ext. Leaflet 66, 6 p. 1944. 275.29 M68Ex

- 402 NEWELL, P. F., and BOX, S. W. Production and marketing of selected beef calves. Miss. State Col. Ext. Leaflet 67, 4 p. 1944. 275.29 M68Ex

- 403 MISSISSIPPI farm outlook for 1945. Miss. State Col. Ext. Leaflet 68, 8 p. 1944. 275.29 M68Ex

- 404 NEWELL, P. F., and BOX, S. W. Production and marketing of spring lambs. Miss. State Col. Ext. Leaflet 69, 6 p. 1945. 275.29 M68Ex

- 405 BOX, S. W., and NEWELL, P. F. Preparation and marketing of wool in Mississippi. Miss. State Col. Ext. Leaflet 70, 4 p. 1945. 275.29 M68Ex

Missouri University, College of Agriculture, Agricultural Extension Service, Columbia

- 406 MISSOURI food production handbook, 1945. 16 p. Mo. Agr. Co. Ext., 1945. 275.2 M69Mi  
Missouri War Board cooperating.

Nebraska University, College of Agriculture, Agricultural Extension Service, Lincoln

- 407 FITTS, J. W., and RHOADES, H. F. Commercial fertilizers, suggestions for use in Nebraska. Nebr. Agr. Col. Ext. C. 150, 5 p., processed. 1944. 275.29 N272Ex

Rate and method of application.

- 408 HANSON, N. S., and GROSS, D. L. Puncture vine: a growing menace in Nebraska. Nebr. Agr. Col. Ext. C. 161, 4 p. 1944. 275.29 N272Ex

- 409 FITTS, J. W., RHOADES, H. F., and MCHENRY, J. R. Using nitrogen fertilizers in Nebraska. Nebr. Agr. Col. Ext. C. 163, 11 p. 1945. 275.29 N272Ex

Colored illustrations.

- 410 ROCKE, H. Time savers in sewing. Nebr. Agr. Col. Ext. C. 471, 12 p. 1944. 275.29 N272Ex

- 411 TATE, H. D., and BARE, O. S. The south-western corn borer [*Diatrea grandiosella*]. Nebr. Agr. Col. Ext. C. 1530, 4 p. 1945. 275.29 N272Ex

- 412 HEALTHY chicks are profitable, losses from coccidiosis can be controlled. Nebr. Agr. Col. Ext. CC-87, 2 p. 1945. 275.29 N272Cc

New York State College of Agriculture and Home Economics, Extension Service, Cornell University, Ithaca

- 413 LIST of publications, Cornell University Agricultural Experiment Station and New York State Colleges of Agriculture and Home Economics. N. Y. Agr. Col. Cornell Ext. B. 47, rev., 29 p. 1945. 275.29 N48E

- 414 GUSTAFSON, A. F. Nitrogen and organic matter in the soil. N. Y. Agr. Col. Cornell Ext. B. 201, rev., 25 p. 1945. 275.29 N48E

- 415 LEIBY, R. W., and BARRUS, M. F. Potato dust and spray recommendations for Long Island. N. Y. Agr. Col. Cornell Ext. B. 435, rev., 10 p. 1945. 275.29 N48E

- 416 MASTERMAN, N. K. Using the home freezer. N. Y. Agr. Col. Cornell Ext. B. 658, 35 p. 1944. 275.29 N48E

- 417 BRADT, C. G. Are you a good boss? [Labor management]. N. Y. Agr. Col. Cornell Ext. B. 666, 15 p. 1945. 275.29 N48E

- 418 COPE, J. A., and POND, J. D. Woodlot improvement, forestry for 4-H Club boys and girls, second year. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 43, rev., 22 p. 1945. 275.29 N48Cn

- 419 ROMAN, N. M. The selection and arrangement of furniture. I. The girl's room series for 4-H Club work. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 50, [rev.], 34 p. 1944. Ref., p. 33-34. 275.29 N48Cn

- 420 PRATT, A. J., and others. Advanced 4-H potato record. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 67, sup. 1, 4 p. 1945. 275.29 N48Cn

L. Dedrick, G. E. Burkhardt, and F. Finnerty, joint authors.

- 421 PALMER, E. L. Over the ground [nature study]. N. Y. Agr. Col. Ext. Cornell Rural School Leaflet, v. 38, No. 3, 31 p. 1945. 275.29 N48R

North Carolina University, State College of Agriculture and Engineering, Extension Service, State College Station, Raleigh

- 422 SMITH, C. F. Peach tree borer [*Sanninoidea exitiosa*], control recommendations for North Carolina. N. C. Agr. Col. Ext. C. 277, 8 p. 1944. 275.29 N811

- 423 BRADY, D. E., JONES, I. D., and MCALLISTER, M. L. Freezing foods for the home. N. C. Agr. Col. Ext. C. 280, 23 p. 1945. 275.29 N811

- 424 THE NEGRO farm family moves ahead, [Extension work in North Carolina]. N. C. Agr. Col. Ext. C. 281, 15 p. 1945. 275.29 N811

- 425 LOG MEASURE tables by Doyle and International 1/4 inch rules. N. C. Agr. Col. Ext. Folder 59, 4 p. 1945. 275.29 N811Ex

- 426 SCHOLZ, R. Canning fruits and vegetables for 4-H Club members. N. C. Agr. Col. Ext. 4-H Club Ser. 55, 12 p. 1945. 275.29 N811C

- 427 HUNTER, W. N., and MCIVER, J. Your appearance [hygiene and grooming]. N. C. Agr. Col. Ext. 4-H Club Ser. 56, 4 p. 1945. 275.29 N811C

- 428 GORDON, P. E., and WILLIAMS, E. Color in the home. N. C. Agr. Col. Ext. Misc. Pam. 91, 8 p. 1945. 275.29 N811M

The use of color in house decoration.

- 429 ANNUAL report, 1944, North Carolina Agricultural Extension Service. 20 p. N. C. Agr. Col. Ext., 1945? 275.29 N811A



Ohio State University, College of Agriculture, Agricultural Extension Service, Columbus

430 TOM, R. B. Recreation for Four-H Clubs and other groups. Ohio. Agr. Col. Ext. B. 210, 3d ed., 47 p. 1944. 275.29 Oh32

431 CALLAHAN, E. M., BERRY, E., and MCLINTOCK, M. W. The well-dressed 4-H Club girl and her school dress project. Ohio. Agr. Col. Ext. 4-H C. 137, 16 p. 1944. 275.29 Oh322

Ohio 4-H Club Department cooperating.

432 CALLAHAN, E. M., BERRY, E., and MCLINTOCK, M. W. The well-dressed 4-H Club girl and her sports clothes for work and play. Ohio. Agr. Col. Ext. 4-H C. 138, 16 p. 1944. 275.29 Oh322

Ohio 4-H Club Department cooperating.

433 CALLAHAN, E. M., BERRY, E., and MCLINTOCK, M. W. The well-dressed 4-H Club girl and her tailored clothes. Ohio. Agr. Col. Ext. 4-H C. 139, 24 p. 1944. 275.29 Oh322

Ohio 4-H Club Department cooperating.

434 SALADS, sandwiches and summer drinks. Ohio. Agr. Col. Ext. 4-H C. 141, 24 p. 1944. 275.29 Oh322

435 FOUR-H Club member's book: let's cook. Ohio. Agr. Col. Ext. 4-H C. 142, 36 p. 1944. 275.29 Oh322

436 BAKING for victory, quick breads, yeast breads, cookies, cakes, pastry. Ohio. Agr. Col. Ext. 4-H C. 143, 32 p. 1944. 275.29 Oh322

437 DAVISON, H. 4-H Victory Market Pig. Ohio. Agr. Col. Ext. 4-H C. 144, 8 p. 1945. 275.29 Oh322

438 DAVISON, H. Subject matter and member's record, 4-H breeding gilt. Ohio. Agr. Col. Ext. 4-H C. 145, 8 p. 1944. 275.29 Oh322

439 FOOD preservation. Ohio. Agr. Col. Ext. 4-H C. 146, 23 p. 1944. 275.29 Oh322

440 THE 4-H Club girl and her home (home furnishing project). Ohio. Agr. Col. Ext. 4-H C. 147, 12 p. 1944. 275.29 Oh322

441 PARENTS and Four-H. Ohio. Agr. Col. Ext. 4-H C. 149, 8 p. 1944. 275.29 Oh322

442 OHIO 4-H activities, member's record, book. Ohio. Agr. Col. Ext. 4-H C. 153, 15 p. 1945. 275.29 Oh322

443 BEALL, T. Use your appliances the easy way. Part VI. Use the best tool for the job. Ohio. Agr. Col. Ext. R. E.- C. 74, 1 p. 1944? 275.29 Oh322Rec

Electric equipment.

444 BLAUSER, I. P. Electricity on the dairy farm. Ohio. Agr. Col. Ext. R. E.- C. 75, 1 p. 1944? 275.29 Oh322Rec

445 DONOHOO, H. A., and others. Ohio food production handbook, 1944, for use in district U. S. D. A. War Board training conferences and county training conferences. 31 p. Ohio. Agr. Col. Ext., 1944? 275.2 Oh320f

B. B. Spohn, R. Howard, H. B. Alger, O. C. Croy, A. L. Sorenson, and D. C. Williams, joint authors.

Rhode Island State College, Extension Service, Kingston

446 FORWARD in '44, united in service; annual report of Rhode Island Agricultural Extension Service. R. I. State Col. Ext. B. 92, 13 p. 1945. 275.29 R34

South Dakota State College of Agriculture, Extension Service, Brookings

447 NELSON, K. L. Santa's first aid kit. S. Dak. State Col. Agr. Ext. C. 413, 11 p. 1944. 275.29 So85

Construction of clothing accessories, toys, and small furniture for Christmas gifts.

448 JOBS for victory; produce, conserve, salvage. S. Dak. State Col. Agr. Ext. War Food Ser. 1, 4 p. 1944. 275.29 So85W

449 WILSON, A. M. Vegetable recipes. S. Dak. State Col. Agr. Ext. War Food Ser. 2, 15 p. 1944. 275.29 So85W

450 WILSON, A. M. Sugar saving fruit desserts. S. Dak. State Col. Agr. Ext. War Food Ser. 4, 7 p. 1945. 275.29 So85W

Tennessee University, College of Agriculture, Agricultural Extension Service, Knoxville

451 MCLEOD, J. H. Changes in Tennessee agriculture. Tenn. Agr. Col. Ext. P. 288, 13 p. 1945? 275.29 T25

Vermont University, College of Agriculture, Agricultural Extension Service, Burlington

452 WALLER, E. F., and HENDERSON, D. C. Coccidiosis in poultry. 4 p., processed. Vt. Agr. Col. Ext., Poultry Let., May 1, 1945. 275.29 V59Ex

Virginia Agricultural and Mechanical College and Polytechnic Institute, Agricultural Extension Division, Blacksburg

453 INFORMATION for Virginia fruit growers, 1944 [spraying and dusting]. Va. Agr. Col. Ext. B. 131, rev., 35 p. 1944. 275.29 V81B

454 DEAN, A. L. Home production of rabbits. Va. Agr. Col. Ext. B. 165, 18 p. 1945. 275.29 V81B

455 "FRUIT furlough," by joining the Women's Land Army of Virginia. Va. Agr. Col. Ext. C. 387, 6 p. 1945. 275.29 V81C

456 JOIN the Victory Farm Volunteers. Va. Agr. Col. Ext. C. E-388, 4 p. 1945. 275.29 V81C

457 CANNING project for 4-H Club girls. Va. Agr. Col. Ext. C. 389, 4 p. 1945. 275.29 V81C

Washington State College, Extension Service, Pullman

458 BIRD, B. W., and REUSS, C. F. Prepaid health insurance for farm families. Wash. State Col. Ext. B. 316, 11 p. 1945. 275.29 W27P

459 POND, E. Planning a utility room. Wash. State Col. Ext. B. 320, 9 p. 1945. 275.29 W27P

460 SUMMER force molting of hens for commercial egg production. Wash. State Col. Ext. B. 323 (Poultry Pointers No. 21, rev.), 4 p. 1945. 275.29 W27P

461 BAUR, K., and INGHAM, I. M. 100,000 tons of hay. Wash. State Col. Ext. B. 324, 3 p. 1945. 275.29 W27P

Field tests show that the yellow condition of some small grain hay grown in Washington can be corrected by applications of inorganic nitrogen fertilizer.

462 FEEDING turkeys. Wash. State Col. Ext. B. 327 (Poultry Pointers No. 32), 12 p. 1945. 275.29 W27P

463 POND, E. A shoe-shining cabinet. Wash. State Col. Ext. C. 90, 2 p. 1945. 275.29 W27C

464 POND, E. Planning a sewing cabinet. Wash. State Col. Ext. C. 91, 4 p. 1945. 275.29 W27C

465 ANDERSON, E. J., and DODGE, J. The eelworm disease [Heterodera marioni] of potatoes. Wash. State Col. Ext. C. 92, 2 p. 1945. 275.29 W27C

West Virginia University, College of Agriculture, Agricultural Extension Service, Morgantown

466 HUMPHREYS, G. Getting along together in the communities. W. Va. Agr. Col. Ext. Good Living Ser. 12, Family Life-No. 2, 6 p. 1945? 275.29 W522G

467 HUMPHREYS, G. Are parents measuring up? [Care and training of children.] W. Va. Agr. Col. Ext. Good Living Ser. 12, Family Life-No. 3, 6 p. 1945? 275.29 W522G

468 COFER, E. S. Better breakfasts the year around. W. Va. Agr. Col. Ext. Good Living Ser. 12, Food-No. 2, 6 p. 1945? 275.29 W522G

469 COFER, E. S. High quality for quick breads. W. Va. Agr. Col. Ext. Good Living Ser. 12, Lesson 1b, 7 p., processed. 1945? 275.29 W522G



- 470 WASMUTH, G. V. Simplify your housework. W. Va. Agr. Col. Ext. Good Living Ser. 12, Lesson 2, 6 p. 1945? 275.29 W522G
- 471 WASMUTH, G. V. Better storage space in your home. W. Va. Agr. Col. Ext. Good Living Ser. 12, Lesson 2a, 5 p., processed. 1945? 275.29 W522G
- 472 WASMUTH, G. Improvements for your kitchen, lesson I: check your work centers. W. Va. Agr. Col. Ext. Good Living Ser. 12, Lesson 2b, Lesson I, 8 p., processed. 1945? 275.29 W522G
- 473 WASMUTH, G. Improvements for your kitchen, lesson II: better system for kitchen storage units. W. Va. Agr. Col. Ext. Good Living Ser. 12, Lesson 2b, Lesson II, 8 p., processed. 1945? 275.29 W522G
- 474 WASMUTH, G. Improvements for your kitchen, lesson III: plans for your future kitchen. W. Va. Agr. Col. Ext. Good Living Ser. 12, Lesson 2b, Lesson III, 8 p., processed. 1945? 275.29 W522G
- 475 COFER, E. S. Good food, a family heritage. W. Va. Agr. Col. Ext. Good Living Ser. 12, Lesson 3, 6 p. 1945? 275.29 W522G
- Vegetable cookery.
- 476 COFER, E. S. Food care from seed to table. W. V. Agr. Col. Ext. Good Living Ser. 12, Lesson 4, 8 p. 1945? 275.29 W522G
- Discusses nutritive value, cookery, and preservation of vegetables.
- 477 FARWELL, J. War and the need for recreation. W. Va. Agr. Col. Good Living Ser. 12, Recreation No. 1, 6 p. 1945? 275.29 W522G
- Wisconsin University, College of Agriculture, Agricultural Extension Service, Madison

478 24TH ANNUAL report of Wood County [Wisconsin, Agricultural Extension Service. 83 p. Wis. Agr. Col. Ext., 1945? 275.29 W85

#### BOOKS AND PAMPHLETS

Includes books and pamphlets on agriculture and closely related subjects, except war-restricted publications, not included in the foregoing sections, which have been added to the library during the preceding month. Numbered serial publications are listed in the section on Periodical and Serial Literature.

#### AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

- 479 AGRICULTURAL COMMITTEE FOR AMERICAN-SOVIET FRIENDSHIP, INC. Introducing the Committee. A statement of the historic friendship between America and Russia. Comments on the aims of the Committee, Committee members, sponsors and authors of comments. 57 p. Lima, Ohio, 1944. 281.9 Ag83
- 480 APPELEY, F. H. Big democracy. 197 p. N. Y., Knopf, 1945. 280.12 Ap5
- Contains a chapter on the responsibilities, organization, and programs of the United States Department of Agriculture.
- 481 BATESON, N. Rural Canada needs libraries. 12 p. Ottawa, Canad. Libr. Council, 1944. Ref. 243 B31
- 482 \*BAUDEHIN, F. L'économie belge sous l'occupation, 1940-1944. 435 p. Bruxelles, Bruylant, 1945. 280.172 B32
- Includes control of food and agriculture.
- 483 BOOTHBY, R. The new economy. Ed. 2, 163 p. London, Secker, 1943, i. e. 1944. 280.171 B64
- Includes planning and control for British agriculture.
- 484 \*BRKUTIGAM, O. Die landwirtschaft in der Sowjetunion. 148 p. Berlin, Stollberg, 1942. (Die Bücherei des Ostraumes) 281.179 B73
- Contains chapters on the historical development of Soviet land policy, the organization of agriculture, and distribution of produce.

485 BUCKERIDGE, G. H. Short history of the origin and establishment of the "Boys & Girls' Agricultural Club Movement" in Taranaki, and of the movement to form a "Nature Lovers' or Co-operative Citizenship League." 31 p. New Plymouth, N. Z., Taranaki Daily News, 1944. 36 B85

486 BUREAU OF NATIONAL AFFAIRS, INC. Postwar profit-planning for food & farm industries; a series of reports providing basic data and analyzing essential factors involved in current operations and postwar plans. 162 p., processed. Washington, D. C., 1945. 281.12 B89

Takes up the food and fiber industries, the support price program, farm land values, the back-to-the-land movement, cooperation, the farm machinery outlook, and quick-frozen food in the post-war period.

487 CARNOVSKY, L., and MARTIN, L., eds. The library in the community; papers presented before the Library Institute at the University of Chicago, August 23-28, 1943. 238 p. Chicago, U. of Chicago Press, 1944. 243 C432L

Selected Reading List, p. 225-232.

Partial contents: Life in the country, by M. L. Wilson, p. 98-109; Library service to the rural community, by M. U. Rothrock, p. 110-118; The community survey, by W. McMillen, p. 190-200.

488 CHRISTMAN, H. Tin horns and calico; a decisive episode in the emergency of democracy. 377 p. N. Y., Holt, 1945. Bibliography, p. 345-357. 138 C46

History of the anti-rent farmers movement in New York State.

489 \*CONGRÈS DU MÉTAYAGE, 1939. La question du métayage; compte-rendu complet du Congrès organisé par la Société des Agriculteurs de France les 20 et 21 février 1939. 249 p. Paris, Maison Rustique, 1939? 282.174 C76

Contains reports on share farming in France and various regions of the country by the following authors: A. Rendu, Le Marié, B. de Changy, de Laulané, M. de Bruchard, J. Defaye, R. Clément, de Soultrait, P. Dubost, C. Perraton, Maillard, Arnaudin, Vaurabourg, Piel-Desruisseaux, the Marquis d'Aragon, P. Razouls, A. Desmoulins, and B. Gavoty. There are also the following papers: Les métayers étrangers en France, renseignements statistiques, by H. Bonnet, p. 162-173; Utilisation de jeunes ménages de praticiens, anciens élèves d'écoles professionnelles d'agriculture, dans le métayage, by P. Maynard, p. 174-175; La nature juridique du métayage, by P. de Valroger, p. 176-186; Le projet de loi portant réforme du statut du métayage, by d'Aldeguier, p. 187-191; Le métayage et la nouvelle législation sociale, by A. Rendu and Gérardin, p. 192-202; Le point de vue du métayer, by A. Cathala, p. 203-212; Rapport général, by M. Fouchet, p. 213-224.

490 EVANS, W. S., STATISTICAL SERVICE. Ontario population maps; maps: urban and rural population, number of farms - by townships; lists: alphabetical lists of counties, townships, and localities; tables; graphs. 8 p. Winnipeg, Can., 1945. 227 On83

Supplemented by its Ontario Place Guide, 1945. 104 p. 227 On83A

491 GANGULEE, N. The battle of the land; an account of the food production campaign in wartime Britain; foreword by Sir John Russell. Rev. ed., 150 p. London, Drummond, 1944. 281.171 G15

Various phases of the program including labor and the Land Army and work in nutrition.

492 GARDINER, C. H. Your village and mine. 198 p. London, Faber, 1944. 281.2 G16

Institutions, life, government, and agriculture in an English village.

493 HARVEY, J. R. Some practical aspects of income tax for poultry farmers. Ed. 4, rev., 16 p. Woking, Surrey, Poultry Assoc. of Gt. Brit., 1945. 284.5 H262



- 494 HAYSTEAD, L. If the prospect pleases: the West the guidebooks never mention. 208 p. Norman, U. of Okla. Press, 1945. 280.003 H33  
Includes description of agriculture.
- 495 \*INDIA. IMPERIAL COUNCIL OF AGRICULTURAL RESEARCH. ADVISORY BOARD. Memorandum on the development of agriculture and animal husbandry in India. 75 p. Delhi, 1944. 281.182 Im72
- 496 \*ITALY. CONSORZIO GENERALE PER LA BONIFICA E LA TRASFORMAZIONE FONDARIA DELLA CAPITANATA. Nuove direttive per la trasformazione dell'agricoltura; piano studiato da Aurelio Carrante - Giuseppe Medici - Luigi Perdise. 195 p. Bari, Laterza, 1939. 281.176 C763  
Agricultural conditions, problems, and policy for Tavoliere di Puglia, Italy.
- 497 JONES, SIR E. R. World Trade Alliance; main outlines of an organisation for international trade. 32 p. London, World Trade Alliance Assoc., 1944. 286 J71  
Sections on Food and fodder and Raw materials.
- 498 LIBERAL NATIONAL INQUIRY INTO POST-WAR PROBLEMS (GT. BRIT.). AGRICULTURAL COMMITTEE. Our food and our farms. 23 p. London, 1944. (Britain after the War, No. 8) 281.171 L612  
Agricultural policy.
- 499 LORWIN, L. L. Time for planning; a social-economic theory and program for the twentieth century. 273 p. N. Y., Harper, 1945. 280.12 L892T  
Brief references to agriculture.
- 500 MCCORMICK, T. C. T., ed. Problems of the postwar world; a symposium on postwar problems. 526 p. N. Y., McGraw-Hill, 1945. 280.12 M133  
Partial contents: Agriculture, by A. Hobson, p. 85-117; Local government and modern democracy, by L. H. Adolfson, p. 204-241; The Negro, by T. C. T. McCormick, p. 242-266.
- 501 MAINE. DEVELOPMENT COMMISSION. Postwar planning for the State of Maine. 52 p. Augusta?, 1944. 280.035 M28P  
Plans presented for agriculture and forestry.
- 502 \*MEYER, K., ed. Agrarpolitik, eine völkische grundwissenschaft. Ed. 2, enl., 92 p. Neujamm, Neumann, 1943. 281.175 M572A  
Contents: Vor neuen aufgaben, by K. Meyer, p. 3-14; Der ordnungsgedanke als gestaltendes prinzip der volkswirtschaft, by F. Bblow, p. 14-23; Ländliche volkswirtschaft als grundlage der raumordnung, by W. Schmitz, p. 24-34; Die einheit von leben und wirtschaft im deutschen bauernrecht, by M. Busse, p. 34-44; Aufgaben deutscher bauerngeschichtsforschung, by G. Franz, p. 44-56; Zur frage der leistungsmassstäbe in der landwirtschaft, by W. Wilmanns, p. 56-66; Arbeiten und ziele des Reichsnährstandes auf dem gebiete der bäuerlichen betriebsforschung, by H. L. Fensch, p. 66-81; Planung und aufbau in den eingegliederten Ostgebieten, by K. Meyer, p. 82-92.
- 503 MICHIGAN. TAX STUDY ADVISORY COMMITTEE. Preliminary report, January, 1945. 52 p. Lansing? 1945. 284.5 M588 prelim.  
Includes tax figures for counties.
- 504 MISSISSIPPI. BOARD OF DEVELOPMENT. Mississippi, America's State of opportunity. 280 p. n. p., 1944. 280.045 M69  
Includes agriculture and rural life.
- 505 NATIONAL CATHOLIC RURAL MOVEMENT. Around the fireside; plan of home and community entertainment specially prepared for rural areas. 33 p. Melbourne, 1944? 281.29 N213
- 506 OXFORD. UNIVERSITY. AGRICULTURAL ECONOMICS RESEARCH INSTITUTE. Country planning; a study of rural problems. 288 p. Oxford, U. Press, 1944. 98.5 Ox2
- 507 PADLEY, W. The economic problem of the peace; a plea for world Socialist union. 164 p. London, Gollancz, 1944. 280 p132  
Mentions post-war needs in European agriculture.
- 508 \*REISCHLE, H. Nationalsozialistische agrarpolitik. 85 p. Münster, Copenrath, 1941. Ref. (Grossdeutsche Reihe: Geschichte und Politik) 281.175 R27
- 509 SACKVILLE-WEST, V. The Women's Land Army. 112 p. London, Joseph, 1944. 283 Sal
- 510 \*SERPIERI, A. Corso di economia e politica agraria. Vol. I-II. Firenze, Barbera, 1942-43. 281.176 Se6A  
Vol. I. L'agricoltura nell'economia della nazione, 582 p. (Includes historical development of Italian agriculture, population, labor, land tenure, credit, markets, and the corporative system); vol. II. L'azienda agraria, 518 p.
- 511 SHANTZ, H. L. Agricultural regions of Africa. Various paging. Santa Barbara, 1944? 281.19 Sh1  
Reprinted from Economic Geography, v. 16-19, 1940-1943.
- 512 SHIRRAS, G. F. Federal finance in peace and war; with special reference to the United States of America and the British Commonwealth. 377 p. London, Macmillan, 1944. 284 Sh62  
Touches upon the subject in relation to agriculture.
- 513 \*SIROL, J. Le rôle de l'agriculture dans les fluctuations économiques. 556 p. Paris, Sirey, 1942. Ref., p. 539-547. (Études Economiques, v. 10) 281 S17
- 514 STANFORD, E. B. Library extension under the WFA; an appraisal of an experiment in Federal aid. 284 p. Chicago, U. of Chicago Press, 1944. (U. of Chicago Stud. in Libr. Sci.) 243 St2  
Bibliography, p. 269-284.  
Includes work in rural areas.
- 515 STEEL, J. The future of Europe. 256 p. N. Y., Holt, 1945. Ref. 280.17 St3  
Includes the need for agrarian reform in certain countries.
- 516 SYKES, SIR F. Roads to recovery. 28 p. London, Signpost Press, 1944. 280.171 Sy4  
Agriculture and The Farm of the Future, p. 16-17.
- 517 UNITED NATIONS INFORMATION OFFICE. Activities of agencies; supplement to "Research and postwar planning" (Survey of agencies). 23 p., processed N. Y., 1945. (Rpt. 13) 225 Un35A  
Activities and publications of various agencies, including the U. S. Department of Agriculture.
- 518 UNITED NATIONS INFORMATION OFFICE. Research and postwar planning; bibliography. Pt. 19, 67 p., processed. N. Y., 1945. 241.3 Un394
- 519 U. S. BUREAU OF THE CENSUS. United States exports of domestic and foreign merchandise (including lend-lease exports) to the Latin American republics, March 1944; country by commodity totals (revised through February 1945...). 209 p., processed. Washington, 1945. (Rpt. No. FT 420) 157.41 Un3523  
Includes some agricultural products.
- 520 U. S. CONGRESS. HOUSE. COMMITTEE ON AGRICULTURE. Cooperative agricultural extension work. Hearings...79th Cong., 1st sess. on H. R. 1690...Apr. 19 and 20, 1945. Serial C, 94 p. Washington, 1945.
- 521 U. S. CONGRESS. HOUSE. COMMITTEE ON FOREIGN AFFAIRS. Food and Agriculture Organization of the United Nations. Hearings...79th Cong., 1st sess. pursuant to H. J. Res. 145 providing for membership of the United States in the Food and Agriculture Organization of the United Nations. Apr. 12, 1945. 78 p. Washington, 1945.
- 522 U. S. CONGRESS. SENATE. COMMITTEE ON AGRICULTURE AND FORESTRY. Further development of cooperative agricultural extension work. Hearing... 79th Cong., 1st sess. on S. 383...Apr. 18, 1945. 59 p. Washington, 1945.
- 523 U. S. CONGRESS. SENATE. COMMITTEE ON APPROPRIATIONS. Farm labor program, 1944. Hearings before a subcommittee...78th Cong., 2d sess. on H. J. Res. 208. 210 p. Washington, 1944. 283 Un313Fa
- 524 U. S. PRESIDENT (HARRY S. TRUMAN). Nineteenth report to Congress on lend-lease operations. 70 p. Washington, 1945. 173 L54



525 VENEZUELA. MINISTERIO DE FOMENTO. DIRECCIÓN GENERAL DE ESTADÍSTICA. Séptimo censo nacional de población levantado el 7 de diciembre de 1941; tomo I: Distrito Federal y Estado Anzoátegui. 215, 271 p. Caracas, 1944. 255.9 Es8Cp

Includes data for population engaged in agriculture and the food producing industries, distribution of suburban and rural population, and housing.

526 WEBSTER, C. M. Town meeting country. 246 p. N. Y., Duell, 1945. (American Folkways) 138 W39

Story of the New England town.

527 WEST, J., pseud. Plainville, U. S. A. 238 p. N. Y., Columbia U. Press, 1945. 280.12 W523  
Survey of a small contemporary rural community from an anthropological viewpoint.

#### AGRICULTURAL ENGINEERING

528 \*BALLU, T. La traction mécanique en agriculture. 360 p. Paris, Maison Rustique, 1943. 58 B21

529 CURTIS PUBLISHING COMPANY. RESEARCH DEPT. Looking ahead in the farm building market. 67 p. Phila., 1945. 280.32 C94L

530 \*GENNARI, G. L'aratro. 98 p. Roma, Ramo Editoriale degli Agricoltori, 1944. (Biblioteca per l'Insegnamento Agrario Professionale, No. 133) 58 G283

531 U. S. BUREAU OF THE CENSUS. Sixteenth census of the United States: 1940. Housing; characteristics by type of structure. 402 p. Washington, 1945. 157.4 C169Ho

Includes rural farm and rural nonfarm dwellings.

#### AGRICULTURAL PRODUCTS: PROCESSING, DISTRIBUTION, AND STATISTICS

532 CANADA. BUREAU OF STATISTICS. CENSUS OF INDUSTRY. GENERAL MANUFACTURES BRANCH. Report on the flour and feed milling industries in Canada 1943. 32 p., processed. Ottawa, 1945. 289.9 C16  
A statistical report.

533 HARRIS, S. E. Price and related controls in the United States. 392 p. N. Y., McGraw-Hill, 1945. 284.3 H24

Includes price control of foods, farm support programs and subsidies on foods, and rationing.

534 ILLINOIS. UNIVERSITY. COLLEGE OF AGRICULTURE. Preserving fruits and vegetables by canning, salting, freezing, storing, dehydrating. 32 p. N. Y., Natl. Victory Garden Inst., Inc., 1944. 389.3 I16

535 \*KOLBE, F. Trichinenschauer. 120 p. Berlin, Parey, 1945. 50 K832

536 LINK, P. The future of wool; el futuro de la lana. 71 p. Buenos Aires, Imprenta Ferrari Hermanos, 1944. Ref. 45 L642F

The industry in Argentina.

537 MENNE, B. Armistice and Germany's food supply 1918-19; a study of conditional surrender... translated from the German by Ed. Fitzgerald. 96 p. London, Hutchinson, 1944. (Fight for Freedom Pub.) 389 M523

538 MIDDLETON, P. H. Freight transport in the United States; prewar, war, and postwar. 98 p. Chicago, Railway Business Assoc., 1945. 289 R13

Includes transportation of grain, fruits and vegetables, dairy and poultry farm products, livestock, and forest products.

539 ORTHMANN, A. C. Tanning processes. 414 p. n. p., Hide and Leather Pub. Co., 1945. 303 Or8

540 POTTER, M. D. Fiber to fabric; a textbook on textiles for the consumer. 314 p. N. Y., Gregg, 1945. Ref. 304 P85

541 RHODE ISLAND SCHOOL OF DESIGN. A brief study of the textile fibers and their physical and chemical properties. 73 p., processed. Providence, 1944. Ref. 304 R342

\* 542 TEXTILE RESEARCH INSTITUTE, INC. DEPT. OF INFORMATION. The drying of textiles. 68 p. N. Y., 1944. 304 T319D

Drying of Textile Materials; Literature References, Arranged by Year of Publication, comp. by C. H. Clark, p. 65-68.

Reprinted from v. 10 and 13 of Textile Research.

543 U. S. CONGRESS. HOUSE. COMMITTEE ON INSULAR AFFAIRS. Condition of Puerto Rican Sugar Industry. Hearings... 79th Cong., 1st sess. Washington, D. C. Mar. 1, 2, 3, 5, 6, 7, 8 and 9. 230 p. Washington, 1945.

544 U. S. DEPT. OF LABOR. WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS. ECONOMICS BRANCH. Area of production: dairy products, poultry and eggs. 80 p., processed. N. Y., 1945. 158.91 Ar35

545 WHALLEY, M. E. Abstracts on the utilization of straw. 442 p., processed. Ottawa, Res. Plans and Pubs. Sect., Natl. Res. Council of Canada, 1944. (N. R. C., No. 1242.) 241.64 N21ab

Includes patents.

546 WILMOT, J. Recent research on food preservation. 4 p., processed. Austin? Food Preserv. Com., Tex. State Nutr. Council, 1944. 389.8 T31

#### ANIMAL INDUSTRY

547 \*BERTHELO, M. La chirurgie du bétail et des animaux de basse-cour. 189 p. Paris, Vigot Frères, 1939. 41 B465C

548 \*BERTHELO, M. La chirurgie gynécologique et obstétricale des femelles domestiques. 310 p. Paris, Vigot Frères, 1942. Ref. 41 B465

549 \*BORINI, F. L'allevamento campestre dei polli. 78 p. Roma, Ramo Editoriale degli Agricoltori, 1941. (Biblioteca per l'Insegnamento Agrario Professionale, No. 113) 47 B64

550 \*BRASSE-BROSSARD, L. Le bétail, source de profits (manuel de zootechnie). 318 p. Paris, Maison Rustique, 1942. Ref. 40 B737

Includes section on raising livestock in continental Europe.

551 COOK, G. C. Approved practices in poultry production. 187 p. Danville, Ill., Interstate, 1945. 47 C772

552 \*CURASSON, G. Traité de protozoologie vétérinaire et comparée. 3 v. Paris, Vigot Frères, 1943. 439 C92

Bibliographie: v. 1., p. 377-438; v. 2, p. 280-324; v. 3, p. 431-484.

Includes medical treatment of livestock and life cycles of the parasites in insect and other intermediate hosts.

553 \*DAHMEN, H. Lehrbuch der veterinär-mikrobiologie. Ed. 3, rev., 249 p. Berlin, Parey, 1944. 41 D152

554 \*FRAU-SANNA, F. Allevamento dell'anatra. 70 p. Roma, Ramo Editoriale degli Agricoltori, 1941. (Biblioteca per l'Insegnamento Agrario Professionale; No. 104) 47.1 F86

555 \*FRAU-SANNA, F. Allevamento dell'oca. 70 p. Roma, Ramo Editoriale degli Agricoltori, 1940. (Biblioteca per l'Insegnamento Agrario Professionale, No. 94) 47.1 F86A

556 \*GERMANY. WEHRMACHT. OBERKOMMANDO. Kleintierzucht und -haltung, landwirtschaftlicher Sonderlehrgang. 184 p. Frankfurt, 1943. Ref. (Soldatenbriefe zur Berufsförderung 43) 40 G31

Includes poultry, rabbits, goats, bees, and silk-worms.

557 \*GLASSER, K., SCHMID, F., and HUPKA, E. Die krankheiten des schweines für tierärzte und studierende der tierheilkunde. Ed. 4, 456 p. Hannover, Schaper, 1944. 41 G46

558 GRAHAM, M. D. Elementary live stock and pasture management. 92 p. Nairobi, Dept. of Agr. of the Kenya Colony and Protectorate, 1944. 43 K42  
In English and Swahili.

A Chapter on Cattle Diseases by R. A. Hammond, p. 38-43.



559 GRINSTEAD, W. T. The care and management of Angora rabbits. 100 p. Edwardsville, Ill., Grinstead Angora Colonies, 1945. 40.2 G88

560 HUMBERTO COSTA, M. El vector de la rabia parasiante. 10 p. Corrientes, Argentina, Facultad de Agricultura, Ganadería e Industrias Afines, Universidad Nacional del Litoral, 1944. 41 C813

The blood sucking bat, *Desmodus rotundus*, as vector.  
561 JUDY, W. The dog in the show ring. Ed. 5, 16 p. Chicago, Judy, 1945. (Handy Dog Booklet Ser. 4) 48 J92H

562 \*LISSOT, G. Les maladies de la basse-cour. 258 p. Paris, Flammarion, 1943. (La Terre, Encyclopédie Paysanne) 41 L692

Limited to poultry and rabbits.  
Includes parasites.

563 \*MOUSSU, G. La médecine vétérinaire à la ferme. 246 p. Paris, Larousse, 1940. 41 M86Me

564 \*NEVEU-LEMAIRE, M. Traité de protozoologie médicale et vétérinaire. 844 p. Paris, Vigot Frères, 1943. Ref. 439 N41

Includes a section on insect and arachnid vectors.

565 NEW YORK (STATE). DEPT. OF AGRICULTURE AND MARKETS. New York 1944 official directory of poultry breeders and hatcheries operating under the National Poultry Improvement Plan. 16 p. Albany, 1944. 225 N48

U. S. Bureau of Animal Industry cooperating.

566 NICHOLS, J. E. Livestock improvement in relation to heredity and environment. 208 p. Edinburgh, Oliver and Boyd, 1944. Ref. 40 N51

567 \*FERGCLA, V. L'allevamento del maiale. 92 p. Roma, Ramo Editoriale degli Agricoltori, 1945. (Biblioteca per l'Insegnamento Agrario Professionale, No. 136) 46 P412

568 PERRY, E. J., ed. The artificial insemination of farm animals. 265 p. New Brunswick, Rutgers U. Press, 1945. Ref. 40 P42

J. W. Bartlett, V. Berliner, J. Edwards, F. P. Jeffrey, E. J. Perry, G. E. Taylor, and C. E. Terrill, contributors.

569 \*POLITI, I. Teoria e pratica del silaggio. 64 p. Genova, Società Anonima Editrice Dante Alighieri, 1941. (I Libri dell'Agricoltore 2) 60.7 L7F

570 RALSTON PURINA COMPANY. What's your quiz score? 22 p. n. p., 1944. 389.7 R13W

Questions and answers on livestock care.

571 \*ROMOLOTTI, A. La lana e le razze ovine italiane. 105 p. Roma, Ramo Editoriale degli Agricoltori, 1940. (Biblioteca per l'Insegnamento Agrario Professionale, No. 90) 45 R662

572 \*SARTORIO, A. I bovini di razza Bruno-Alpina. 87 p. Roma, Ramo Editoriale degli Agricoltori, 1940. (Biblioteca per l'Insegnamento Agrario Professionale, No. 93) 43 S47

573 \*SCHMID, F. Diagnose und bekämpfung der parasitären krankheiten unserer haustiere. Ed. 4, rev., 259 p. Berlin, Schoetz, 1944. 436 Sch43

574 SCHNELLE, G. B. Radiology in canine practice; a text on applied radiography and diagnosis. 336 p. Evanston, Ill., North Amer. Vet., Inc., 1945. Ref. 41 Sch55

Much of the material contained in this text appeared in the North American Veterinarian as a series of articles beginning in 1937.

575 \*SENTEX, J. L'élevage rationnel du lapin. 64 p. Paris, Vigot Frères, 1944. 40.2 Se5

576 \*TAVERNIER, H. Guide de pratique obstétricale chez les grandes femelles domestiques. 182 p. Paris, Vigot Frères, 1943. 41 T193G

577 WORDEN, F. The sketch book of dogs; 116 drawings of all recognized breeds. 127 p. N. Y., Ackerman, 1945. 48 W89

#### ENTOMOLOGY

578 \*ARNOULD, C. & PILS. Du miel en abondance; toutes les méthodes, tous les systèmes. 344 p. Paris, Maisons Rustique, 1943. 424 Ar62

579 \*CHAUVIN, R. La vie de l'insecte. Physiologie - Biologie. 230 p. Paris, Lechevalier, 1943. (Savoir en Histoire Naturelle, v. 14) 423 C393

580 CABLE, E. S. The book of thin wings. 46 p. Chicago, Whitman, 1944. (Nature Science Books. Outdoor Adventures) 422 G113

581 \*GICQUEL, M. Au pays des abeilles; modestes ruches & grand rucher. 221 p. Paris, Dunod, 1944. (Collection "Le Retour à la Terre") 424 G35

582 \*GRANDORI, R. Il baco da seta [Bombyx mori]. Ed. 2, 103 p. Rome, Ramo Editoriale degli Agricoltori S. A., 1941. (Biblioteca per l'Insegnamento Agrario Professionale, No. 108/109) 425 G762B

583 HERROD-HEMPHALL, W. The anatomy, physiology and natural history of the honey bee. Ed. 2, 172 p. London, Brit. Bee J., 1943. 424 H43A

584 \*HURPIN, J. La cité merveilleuse; étude sur les origines, l'organisation, la vie et les travaux des abeilles. 140 p. Uzès, Peladan, 1943. (Collection des Meilleurs Ouvrages d'Apiculture) 424 H94

585 \*HURPIN, J. Les travaux de l'apiculteur. Ed. 2, 80 p. Uzès, Peladan, 1943. (Collection des Meilleurs Ouvrages d'Apiculture) 424 H94T

586 \*LAVONDES, A. Le royaume des abeilles et ses trésors. 215 p. Paris, Julliard, 1944. (Les Cahiers Bureaux 4) 424 L392

587 \*MALENOTTI, E. I parassiti animali dei cereali. 73 p. Rome, Ramo Editoriale degli Agricoltori, 1940. (Biblioteca per l'Insegnamento Agrario Professionale, No. 98) 423 M29P

588 \*MALENOTTI, E. I parassiti animali dell'orto. 111 p. Rome, Ramo Editoriale degli Agricoltori, 1942. (Biblioteca per l'Insegnamento Agrario Professionale, No. 118/119) 423 M29Pa

589 \*PORTEVIN, G. Ce qu'il faut savoir des abeilles; la pratique du rucher. 118 p. Paris, Paul Lechevalier, 1944. (Savoir en Histoire Naturelle, v. 8) 424 P83

590 \*PORTEVIN, G. Ce qu'il faut savoir des vers à soie [Bombyx mori]. Leur élevage. 68 p. Paris, Lechevalier, 1943. (Savoir en Histoire Naturelle, v. 15) 425 P832

Culture and diseases of the mulberry, p. 44-58.

591 \*SÉGUY, E. Ce qu'il faut savoir pour connaître et exterminer les animaux pillards et destructeurs de l'économie domestique; biologie, morphologie, parasitologie, technologie. 250 p. Paris, Lechevalier, 1942. Ref. (Savoir en Histoire Naturelle, v. 12) 423 Se3C

592 \*ZAPPI-RECORDATI, A. Apicoltura moderna. Ed. 2, 176 p. Roma, Ramo Editoriale Degli Agricoltori, 1944. (Biblioteca per l'Insegnamento Agrario Professionale, No. 121/122) 424 Z13Ap

#### FOOD AND HUMAN NUTRITION

593 BRODY, I. On the tip of my tongue. 274 p. N. Y., Greenberg, 1944. 389.25 B782

Cookery.

594 THE FARMERS guide cook book; tested recipes 205 p. Huntington, Ind., Ind. Farmers Guide, 1945. 389.25 F222

595 FLORES R., N. Carencias nutritivas (síndrome de policarencia en la infancia). Tesis presentada a la Junta Directiva de la Facultad de Ciencias Médicas de la Universidad Nacional... en el acto de su investidura de médico y cirujano. 117 p. Guatemala. Sánchez & de Guise, 1944. 448 F662

596 JABOOLIAN, A. Food and nutrition; a selected list of books and pamphlets published since 1940 available in the Public Health Division of the Municipal Reference Library. 7 p. N.Y., N.Y. (City) Pub. Libr. Munic. Ref. Libr., 1944. 241.64 N483

597 KANDLER, L. (B.) The Settlement cook book. Victory ed. 26, enl. and rev., 623 p. Milwaukee, Settlement Cook Book Co., 1944. 389.25 K132

598 MABON, M. F. A meal in itself; a book of soups. 168 p. N. Y., Duell, 1944. 389.25 M11



599 SELLING, L. S., and FERRARO, M. A. S. The psychology of diet and nutrition. 192 p. N. Y., Norton, 1945. 389.1 Se4

600 TERRY, J. Food without fuss; 200 recipes and a few thoughts. 148 p. London, Faber, 1944. 389.25 T272F

601 WILMOT, J. S., and BATJER, M. Q. Food for the family. Ed. 2, rev., 748 p. Chicago, Lippincott, 1944. 389.2 W68  
Cookery.

602 WINTON, A. L., and WINTON, K. B. The analysis of foods. 999 p. N. Y., Wiley, 1945. 389 W73A

#### FORESTRY

603 DUTCH GUIANA. AGRICULTURAL EXPERIMENT STATION. Surinam timbers. 39 p. Surinam, 194-7 99.24 D95

Short descriptions of 34 native woods and information about their use.

604 HENDERSON, F. Y. Timber, its properties, pests and preservation. Ed. 2, 148 p. London, C. Lockwood, 1944. 99.79 H38

605 HENRY MILL & TIMBER COMPANY. Engineering and fabrication of modern timber structures. 92 p. Tacoma, Wash., 1944. 290 H39

606 \*MERENDI, A. Come si rimboschisce. 69 p. Roma, Ramo Editoriale degli Agricoltori, 1940. (Biblioteca per l'Insegnamento Agrario Professionale, No. 96) 99.47 M54C

607 \*MERENDI, A. Principali specie da rimboschimento; conifere. 94 p. Roma, Ramo Editoriale degli Agricoltori, 1942. (Biblioteca per l'Insegnamento Agrario Professionale, No. 117) 99.47 M54

608 \*MERENDI, A. Ricostituzione dei boschi. 69 p. Roma, Ramo Editoriale degli Agricoltori, 1943. (Biblioteca per l'Insegnamento Agrario Professionale, No. 131) 99.47 M54R

609 \*PAVARI, A. Governo e trattamento dei boschi. 81 p. Roma, Ramo Editoriale degli Agricoltori, 1943. (Biblioteca per l'Insegnamento Agrario Professionale, No. 128) 99.45 P28G

610 ROYAL SCOTTISH FORESTRY SOCIETY. Post-war forestry, a report on forestry policy. 62 p. Edinburgh, 1944. 99.66 R81

Royal English Forestry Society cooperating.

611 VIRGINIA. FOREST SERVICE. Questions and answers on the Forest Fire Fighters Service. 8 p. Richmond, 1944. 99.51 V81

#### PLANT SCIENCE

612 \*ALLEGRI, E. La robinia. 58 p. Roma, Ramo Editoriale degli Agricoltori, 1941. (Biblioteca per l'Insegnamento Agrario Professionale, No. 107) 99.47 AL5

613 \*AZZI, G. Ecologia agraria. 204 p. Genova, Società Anonima Editrice Dante Alighieri, 1944. Ref., p. 192-200. (I Libri dell'Agricoltore, No. 21) 64 Az9

614 BOAL, S. J. Gardening, without bunk. 145 p. N. Y., 1942. 91.15 B63

615 \*CALZECCHI-ONESTI, A. Orticultura moderna. Pts. 1-3. Roma, Ramo Editoriale degli Agricoltori, 1942-1943. (Biblioteca per l'Insegnamento Agrario Professionale, Nos. 115/116, 57, 129/130) 91 C13  
Parts 1 and 2 are second editions.

616 COLEY, H. M. Labour saving gardens. 105 p. London, J. Gifford Ltd., 1944. 97 C67

617 DORRANCE, A. Green cargoes. 187 p. Garden City, N. Y., Doubleday, 1945. Ref., p. 184-187. 452.9 D73

History of plant introduction.

618 DUBLIN. NATIONAL MUSEUM OF IRELAND. Liosta de phlannad na hÉireann. Hand-list of Irish plants. Ed. 4, 32 p. Baile Átha Cliath, Oifig an tSoláthair, 1943. 458 D85

619 \*FENAROLI, L. Il castagno. 222 p. Roma, Ramo Editoriale degli Agricoltori, 1945. Ref. p. 189-217. (Trattati di Agricoltura, v. 1) 94.62 F35

620 FOGG, J. M. Weeds of lawn and garden; a handbook for eastern temperate North America. 215 p. Phila., U. of Pa. Press, 1945. Ref. 79 F68

621 GOODWIN, R. H. Check list and index to the Cyperaceae of Monroe County, New York. 20 p. Rochester, N. Y., The Author, 1943. 452.3 G63

622 \*GUILLAUMIN, A. Formulaire technique du botaniste, préparateur et voyageur. Ce qu'il faut pour récolter, préparer, expédier, conserver et présenter les plantes et objets d'origine végétale. 139 p. Paris, Lechevalier, 1942. (Savoir en Histoire Naturelle, v. 10) 463.9 G94

623 IMPERIAL MYCOLOGICAL INSTITUTE, KEW. Distribution maps of plant diseases. Nos. 75-78. Kew, Eng., 1945. 464.9 Im7

624 \*LUTZ, L. Traité de cryptogamie. 586 p. Paris, Masson, 1942. 461 L97

625 MCCLINTON, K. M. Flower arrangement in the church. 105 p. N. Y., Morehouse-Gorham Co., 1945. Ref., p. 103-105. 96.03 M13

626 MCKENNY, M. A book of wayside fruits. 78 p. N. Y., Macmillan, 1945. 455 M19  
Includes colored plates.

627 \*MARINUCCI, M. Innesto delle piante da frutto e della vite. Ed. 2, 60 p. Roma, Ramo Editoriale degli Agricoltori, 1944. (Biblioteca per l'Insegnamento Agrario Professionale, No. 134) 93.5 M33

628 \*MATAGRIN, A. Le soya, culture et utilisations. 72 p. Paris, Gauthier-Villars, 1944. 60.3 M4139

629 \*MORET, L. Manuel de paléontologie végétale. 216 p. Paris, Masson, 1943. 402.1 M81

630 PENNSYLVANIA. STATE COUNCIL OF DEFENSE. Victory gardens; handbook of the Victory Garden Committee, War Services, Pennsylvania State Council of Defense. 236 p. Harrisburg? 1944. 91.15 P38

631 \*PIEDOUË, H. DE. Un peu de tabac! 41 p. Paris, Flammarion, 1944. 69 P59  
Culture and processing of tobacco.

632 \*REGEL, C. VON. Pflanzen in Europa liefern rohstoffe. 294 p. Stuttgart, E. Schweizerbart'sche Verlagsbuchhandlung (Nägele), 1944. 452.8 R26

633 \*ROVESTI, G. Piante italiane succedanee del tè. 80 p. Roma, Ramo Editoriale degli Agricoltori, 1945. Ref., p. 76-78. (Biblioteca per l'Insegnamento Agrario Professionale, No. 135) 68.1 R76

634 \*SCHEMELFUSS, K. Naturwissenschaften: Grundlagen der allgemeinen botanik. 154 p. Frankfurt, Trowitzsch, 1943. (Soldatenbriefe zur berufsförderung 110) 463 Sch42

635 SMITH, G. M. Marine algae of the Monterey Peninsula, California. 622 p. Stanford U., Calif., Stanford U. Press, 1944. Ref., p. 383-398. 461.4 Sm5M

Paging includes 98 plates.

636 WALLACE, T. The diagnosis of mineral deficiencies in plants by visual symptoms; a colour atlas and guide. Supplement. 48 p. London, H. M. Stationery Off., 1944. 463.34 W15  
Paging includes plates 115-209.

637 WODEHOUSE, R. P. Hayfever plants; their appearance, distribution, time of flowering, and their rôle in hayfever, with special reference to North America. 245 p. Waltham, Mass., Chronica Botanica, 1945. (A New Series of Plant Science Books, v. 15) 455 W81

#### SOILS AND FERTILIZERS

638 \*DUSSEAU, R. Comment remplacer les engrais chimiques. 142 p. Paris, Flammarion, 1943. (La Terre. Encyclopédie Fayssanne) 57 D94

Fertilizing materials which can be used as substitutes for chemical fertilizers.

639 GREAT BRITAIN. TECHNICAL MISSION APPOINTED TO ADVISE ON THE PRODUCTION OF ARTIFICIAL FERTILISERS IN INDIA. Report. 75 p. Delhi, Manager of Publications, 1944. 57.23 G79



640 MAHER, C. The building of earth dams and waterholes. 20 p. Nairobi, Kenya Colony and Protectorate Soil Conserv. Serv., 1943. 290 K42

641 RICHARDS, B. D. Flood estimation and control. 152 p. London, Chapman & Hall, 1944. 290 R39

642 U. S. CONGRESS. HOUSE. COMMITTEE ON FLOOD CONTROL. Emergency flood control work. Hearings... 79th Cong., 1st sess. on S. 938... May 14, 1945. 34 p. Washington, 1945.

643 U. S. CONGRESS. SENATE. COMMITTEE ON COMMERCE. To establish a Missouri Valley Authority. Hearings... 79th Cong., 1st sess. on S. 555, a Bill... to provide for unified water control and resource development on the Missouri River and surrounding region in the interest of the control and prevention of floods, the promotion of navigation and reclamation of the public lands, the promotion of family-type farming, the development of the recreational possibilities and the promotion of the general welfare of the area, the strengthening of the national defense, and for other purposes. Pt. 1-9, Apr. 16-20, 23-27, 1945, 9 Nos. Washington, 1945.

644 U. S. CONGRESS. SENATE. COMMITTEE ON FOREIGN RELATIONS. Water treaty with Mexico. Hearings... 79th Cong., 1st sess. on Treaty with Mexico relating to the utilization of the waters of certain rivers. Pt. 1-5, Jan. 22, 23, 24, 25, and 26, 1945; Jan. 29, 30, 31, Feb. 1, 2, 3, 1945; Feb. 5, 6, 7, 8, 9, and 10, 1945; Feb. 12, 13, 14, and 15, 1945; and Feb. 16, 17, 19, 20, and 21, 1945. 5 v. Washington, 1945.

Includes irrigation and reclamation.

645 U. S. CONGRESS. SENATE. COMMITTEE ON IRRIGATION AND RECLAMATION. Arizona water resources. Hearings... 78th Cong., 2d sess. on S. Res. 304 authorizing an investigation with respect to the present and future need for development of projects for irrigation and hydroelectric power. Held in Phoenix, Florence, Safford, Yuma, and Kingman, Ariz., July 31, and August 1, 2, 3, and 4, 1944. 251 p. Washington, 1945.

#### MISCELLANEOUS

646 ACKERT, J. E. Laboratory manual of parasitology. 63 p., processed. Minneapolis, Burgess, 1944. Ref. 436 Ac5

647 ACOSTA SOLÍS, M. Nuevas contribuciones al conocimiento de la Provincia de Esmeraldas [Ecuador]. v. 1, 606 p. Quito, Editorial "Ecuador," 1944. Ref. (Publicaciones Científicas) 280.165 Ac7

Contains chapters on forestry, fauna, agriculture, and the Cayapa Indians, and one by F. Campos R. on the insects of the Province.

648 \*BOURLIÈRE, F. Formulaire technique du zoologiste, préparateur et voyageur. Ce qu'il faut savoir pour l'observation, la récolte, la préparation, les élevages. 181 p. Paris, Lechevalier, 1941. Ref. (Savoir en Histoire Naturelle, v. 7) 411 B664

649 CABEEN, V. A. A selected list of recent United States Government publications; compiled for the Books for Latin America Project of the American Library Association. 93 p. Chicago, Amer. Libr. Assoc., 1944. 242.1 Am3

650 CONN, H. J., and DARROW, M. S. Staining procedures used by the Biological Stain Commission. Pt. II. Plant microtechnic, sect. A-B; Pt. III. Microorganisms, sect. A-B. Geneva, N. Y., Biotech Pubs., 1944-1945. 442 C763S

Ref. at end of sections.

651 FRANKLIN, T. B. Good pastures; some memories of farming in Great Britain; fifty years ago. 72 p. Cambridge, U. Press, 1944. 32 F85

652 \*GERMANY. WEHRMACHT. OBERKOMMANDO. Bilder aus der deutschen landwirtschaft; landwirtschaftlicher aufbaulehrgang, 1. teil. 272 p. Frankfurt, 1943. (Soldatenbriefe zur Berufsförderung 40) 33-27 G313

653 \*GIANFERRARI, L. Corso di biologia e zoologia generale. Pt. IV. Parassitologia, by L. Battisti. 154 p., processed. Milan, Ambrosiana, 1941. 442 G34

654 GOODALL, G., ed. Soviet Russia in maps; its origins and development. 32 p. London, Printed by G. Philip & Son, Ltd., 1944. 277.179 G61

Contains maps showing agricultural areas, with discussion of collective and State farms.

655 HOWELL, A. B. Speed in animals; their specialization for running and leaping. 270 p. Chicago, U. of Chicago Press, 1944. 444 H83

656 HUFF, D., and HUFF, F. Twenty careers of tomorrow. 281 p. N. Y., McGraw-Hill, 1945. Ref., p. 266-267. 275 H87

Includes farming and work in food and nutrition.

657 JONES, H. D. Biographical sources for foreign countries. I. General. 76 p., processed. Washington, Libr. of Cong., Gen. Ref. and Bibliog. Div., 1944. 241.9 Un3Bi

Brief references to agriculture.

658 MACKENZIE, M. D. Medical relief in Europe; questions for immediate study. 60 p. London, Roy. Inst. of Internatl. Aff., 1944. (Post-war Problems) 449.1 M19

Includes: movement of populations, malnutrition, typhus fever, and malaria.

659 MACKIE, T. T., HUNTER, G. W., III, and WORTH, C. B. A manual of tropical medicine, prepared under the auspices of the Division of Medical Sciences of the National Research Council. 727 p. Phila., Saunders, 1945. 448 M315

Includes arthropod-borne diseases; nutritional diseases, and a section on medically important arthropods.

660 NORWAY. EMBASSY. U. S. 3000 American books, 1940-1944; selected for Norwegian libraries. 190 p., processed. Washington, D. C., 1945. 242 N83

Includes books on agriculture.

661 POLLACK, P. Careers in science. 222 p. N. Y., Dutton, 1945. Ref. 330 P76

Discusses careers in agricultural research.

662 \*SCHEIBENPFLUG, H. Berge um uns; ein buch vom deutschen Alpenland; landschaft, natur und leben in unseren bergen. 206 p. Berlin, Gutenberg, 1939. Ref. 126 Sch2

Includes life in the German Alps.

663 SMITH, J. G., and DUNCAN, A. J. Elementary statistics and applications; fundamentals of the theory of statistics. 720 p. N. Y., McGraw-Hill, 1944. 251 Sm63E

Includes the statistical work of the Department of Agriculture.

664 STEFANSSON, V. The Arctic in fact and fable. 96 p. N. Y., Foreign Policy Assoc., 1945. (Headline Ser., No. 51) 128 St3A

Domestic animals and wool and meat production included.

665 UNITED NATIONS INFORMATION OFFICE. Selected reading list on United Nations Relief and Rehabilitation Administration; prepared... in consultation with the United Nations Relief and Rehabilitation Administration. 10 p. N. Y., 1945? 241.3 Un394S

666 U. S. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. Department of Labor - Federal Security Agency Appropriation Bill for 1946. Hearings... 79th Cong., 1st sess... Pt. 1-3. 3 v. Washington, 1945.

Pt. 2, Federal Security Agency, has sections on farm and dairy operations at St. Elizabeths Hospital and promotion of vocational education in agriculture.

Pt. 3, War Manpower Commission, has reference to the transfer of agricultural workers from the Bahamas.

667 U. S. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. Interior Department Appropriation Bill for 1946. Hearings... 79th Cong., 1st sess... Pt. 1-2, 2 v. Washington, 1945.

Pt. 2 is Bureau of Indian Affairs. Includes work of General Land Office, Grazing Service, National Park Service, Bureau of Reclamation, and the Soil and Moisture Conservation Program.



668 U. S. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. National War Agencies Appropriation Bill for 1945. Hearings...78th Cong., 2d sess...Pt. 1-2. 2 v. Washington, 1944. 284.9 Un35

Pt. 2 includes War Relocation Authority with a section on agriculture.

669 U. S. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. Second Supplemental Appropriation Bill, 1945. Hearings [original and supplemental]...79th Cong., 1st sess. on a Bill making an additional or supplemental appropriation for the fiscal year 1945 for the Departments of Agriculture, Commerce, and Labor. Collection of statistical information concerning business activities, markets, etc. 142 p. Washington, 1945.

670 U. S. CONGRESS. SENATE. COMMITTEE ON TERRITORIES AND INSULAR AFFAIRS. Independence for Puerto Rico. Hearings...79th Cong., 1st sess. on S. 227... Pt. 1, Mar. 5, 6, 7, and 8, 1945. 113 p. Washington, 1945.

Includes references to economic conditions, income from the production of agricultural products, and trade with the United States.

671 U. S. LIBRARY OF CONGRESS. GENERAL REFERENCE AND BIBLIOGRAPHY DIVISION. Netherlands East Indies; a bibliography of books published after 1930, and periodical articles after 1932, available in U. S. libraries. 208 p. Washington, 1945. 242.91 Un3In

Includes sections on agriculture and forestry and social conditions.



## PERIODICAL AND SERIAL LITERATURE

## PLANT SCIENCE

## GENERAL

- 672 BARRETT, M. F. How the sacred bo tree [*Ficus religiosa*] came to Ceylon. N. Y. Bot. Gard. J. 46: 96. Apr. 1945. 451 N48J
- 673 BECK, G. F. Nyssa woods of the Pacific Northwest mid-tertiary. Northwest Sci. 19: 11-13. Feb. 1945. 470 N81
- 674 BOWNE, G. R. Moderation urged in wild flower picking. Iowa Conserv. 4: 129, 134. May 15, 1945. 279 Io92
- 675 BROMLEY, S. W. So they cut down the old pine trees. Nature Mag. 38: 265, 273. May 1945. 409.6 N214
- Ancient white pines near Willimantic, Conn.
- 676 CHEVALIER, A. Plantes adventices apparues à Paris et aux environs pendant les périodes de guerre. Paris. Acad. des Sci. Compt. Rend. 218: 861-863. May 31, 1944. 505 P21
- 677 ESSON, J. G. America's public gardens--Missouri Botanical Garden. Gard. Chron. Amer. 49: 132-133. May 1945. 80 G1632
- 678 FRIEND, MRS. W. H. Plant facts and folklore of the Southwest. South. Home and Gard. 12 (12): 18, 25. June 1945. 80 So824
- 679 FULLING, E. H. Thomas Jefferson; his interest in plant life as revealed in his writings - II. Torrey Bot. Club. B. 72: 248-270. May/June 1945. 451 T63B
- 680 GAUVREAU, M. Bibliographie des écrits du Frère Marie-Victorin. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 98. 517 M76
- 681 GEISLER, F. A study of pollen grains of thirty-two species of grasses. Butler U. Bot. Studies 7: 65-73. Apr. 1945. 451 B97
- Paleobotany.
- 682 GREENWAY, P. J. Origins of some East African food plants. III-IV. East African Agr. J. 10: 177-180, 251-256. Jan., Apr. 1945. 24 Ea74
- 683 HAASIS, F. W. Some staining technics for guayule studies. Stain Technol. 20: 37-44. Apr. 1945. 442.8 St1
- 684 IMMER, F. R. Some uses of statistical methods in plant breeding. Biometrics B. 1: 13-15. Apr. 1945. Ref. 442.8 B5224
- 685 LEWIS, R. D. Poor crops from good seed! Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 82-84, processed. 1945. 61.9 As7
- 686 LYON, C. J. Centennial of Wood's "Class-book of botany." Science 101: 484-486. May 11, 1945. 470 Sci2
- Alphonso Wood's Class-Book of Botany, published in 1845.
- 687 MATZKE, E. B. The Torrey Botanical Club history, activities, and publications. Amer. Assoc. Adv. Sci. A. A. A. S. B. 5: 30-32. Apr. 1945. 470 Am32
- 688 MORSE, S. F. "A good flower: the primrose." Amer. Primrose Soc. Q. 2(4): 49-53. (To be cont.) Apr. 1945. 96.575 Am3
- Notes on early books and prints.
- 689 MOSELEY, E. L. Tree stumps as weather indicators. Amer. Fruit Grower 65(5): 36-37. May 1945. 80 G85
- Weather indicated by tree rings.
- 690 MUÑOZ PIZARRO, C. El itinerario de Don Claudio Gay. Chile. Mus. Nac. de Hist. Nat. B. 22: 27-44. Santiago, 1944. 516 C43B
- 691 O., R. Brigands of the plant world (parasitic plants). Farmers' Gaz. (Dublin) 103: 237. Apr. 28, 1945. 10 F221

- 692 \*PONTECORVO, M. Proprietà antibatteriche di uno stipite do *Fenicillium*. Soc. Ital. di Biol. Sper. B. 19: 180-181. July/Sept. 1944. 442.8 Sol2
- 693 POTZGER, J. E. The Pine Barrens of New Jersey, a refugium during Pleistocene times. Butler U. Bot. Studies 7: 182-196. Apr. 1945. Ref. 451 B97
- 694 POTZGER, J. E. A quarter century of botany at Butler University. Butler U. Bot. Studies 7: 5-8. Apr. 1945. 451 B97
- 695 PUTNEY, W. K. Some very odd plants; flora as well as fauna of Australia has its peculiarities. Country Guide 64(5): 42. May 1945. 7 G76
- 696 ROACH, W. A., and ROBERTS, W. O. Further work on plant injection for diagnostic and curative purposes. J. Pomol. and Hort. Sci. 21: 108-119. Apr. 1945. 80 J825
- 697 ROLLAND-GERMAIN, FRERE. Quelques introductions récentes dans le Québec. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1944) 11: 95. 517 M76
- 698 ROMERO CASTANEDA, R. Colombia y su árbol simbólico. Vida Rural 6(68): 14. Mar. 1945. 9.4 V66
- From "Ad-Agrum."
- Cattleya trianae, national flower of Colombia; "sietecuceros" [*Machaerium*] said to be national tree.
- 699 \*\*SABNIS, T. S. Progress of botany with special reference to economic plants. Indian Sci. Cong., 31st, Delhi, 1944, Proc. 2: 60-73. Abs. in Plant Breeding Abs. 15: 98. Apr. 1, 1945. 241 Im73
- 700 STRONG, C. K. The preparation of herbarium specimens. Amer. Primrose Soc. Q. 2: 58, 67. Apr. 1945. 96.575 Am3
- 701 STERS, E. The yew: *Taxus baccata*. Field 185: 317. Mar. 31, 1945. 10 F45
- Ancient trees and legends.
- 702 THWING, W. Floral movies in color. U. S. Camera 9(4): 54-55. June 1945. 332.8 Un3A
- 703 WAEL, H. A. Alternation of generations and classification with special reference to the teaching of elementary botany. Torreya 45: 1-12. Mar. 1945. 450 T63
- 704 WALLACE, R. H. A simple and inexpensive voltage regulator for laboratory use. Plant Physiol. 20: 295-300. Apr. 1945. Ref. 450 P692
- 705 WALLACE, R. H. A simplified recording potentiometer. Plant Physiol. 20: 258-266. Apr. 1945. Ref. 450 P692
- 706 WHITEHEAD, J. More Ruby, Arizona, plants. Desert Plant Life 17: 61-62. Apr. 1945. 450 D45
- 707 WOODWARD, H. R. Brief notes on fungi. N. and S. Dak. Hort. 18: 72, 79. May 1945. 81 N817
- 708 WRIGHT, M., and FARNWORTH, C. H. Southern Hemisphere crops reduced by drought. Foreign Crops and Markets 50: 240-243, processed. May 21, 1945. 1.9 St2F
- 709 WRIGHT, P. H. Heterosis, miracle worker in plant and animal life. Family Herald and Weekly Star 76(18): 5, 13. May 2, 1945. 7 F21
- 710 WYMAN, D. The park arboretum--how to establish one as a living war memorial. Arnoldia 5: 25-48. May 18, 1945. 451 Ar6Ba

## SYSTEMATIC AND GEOGRAPHIC BOTANY

## General

- 711 ALLARD, H. A., and LEONARD, E. C. Plants collected in the Lake Matagamon region, Piscataquis and Penobscot Counties, Maine. Castanea 10: 13-30. Mar. 1945. 450 So82



712 BINGHAM, M. T. Spring comes to Michigan. Cranbrook Inst. Sci. News Let. 14: 93-96. May 1945. 410.9 C85N

Distribution of wild flowers.

713 CAIN, S. A. A biological spectrum of the flora of the Great Smoky Mountains National Park. Butler U. Bot. Studies 7: 11-24. Apr. 1945. Ref. 451 R97

714 CHAPMAN, H. L. R. Interesting plants our boys will see in the Pacific area. Mich. Hort. Soc. Hort. News 11: 46. (To be cont.) Apr. 1945.

715 COLTON, M. A. Water Lily Bay. Canad. Nature 7: 104. May/June 1945. 410 C162

Aquatic plants.

716 DEGENER, O. Tropical plants the world around. I. N. Y. Bot. Gard. J. 46: 74-91. Apr. 1945. 451 M48J

Excerpts from author's forthcoming book: Plants of the Tropics, illustrated.

717 DUTILLY, PIERRE A., and LEFAGE, ABBÉ E. Additions à la flore du Québec. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 93-94. 517 M76

718 EDEES, E. S. The first Staffordshire flora. North West. Nat. 19: 143-146. Sept. 1944. 410 N21

First full list of Staffordshire plants included in Robert Garner's Natural History of the County of Staffordshire.

719 FERNALD, M. L. Botanical specialties of the Seward Forest and adjacent areas of southeastern Virginia. I-II. Rhodora 47: 93-142, 149-182. Apr., May 1945. 450 R34

I. Two visits to the Seward Forest in 1944. II. Technical notes and revisions including *Cyperus plukenetii* n. sp. j.

720 JONES, G. N. Flora of Illinois, containing keys for identification of the flowering plants and ferns. Amer. Midland Nat. Monog. No. 2, 317 p. Notre Dame, Ind., 1945. 500 Am3

721 LEFAGE, ABBÉ E. Lichens et hépatiques nouveaux pour Québec. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 91. 51 M76

722 LEFAGE, ABBÉ E. Les lichens, les mousses et les hépatiques du Québec et leur rôle dans la formation du sol arable dans la région du Bas de Québec, de Lévis à Gaspé. Nat. Canad. 72: 40-50, 107-116. (Cont.) Jan./Feb., Mar./Apr. 1945. 410 N216

723 MARIE-VICTORIN, FRÈRE, and ROLLAND-GERMAIN, FRÈRE. Nouvelles observations sur la florule de la Baie Lavallière, aux environs de Sorel. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 95-96. 517 M76

724 RAYMOND, M. Deux additions à la flore du Québec. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 94. 517 M76

*Camptosorus rhyzophyllus* f. *auriculatus* and *Muhlenbergia tenuiflora*.

725 ROULEAU, E. La florule de l'île Sainte-Hélène. Nat. Canad. 72: 5-24, 68-83. (To be cont.) Jan./Feb., Mar./Apr. 1945. 410 N216

726 ROULEAU, E. Notes préliminaires sur la flore de l'île St-Paul (île des Sœurs). (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 97-98. 517 M76

727 ROUSSEAU, J. La persistance d'éléments méridionaux dans la flore du Québec. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 93. 517 M76

728 HITE, C. T. Contributions to the Queensland flora, No. 8. Roy. Soc. Queensland. Proc. (1943) 55: 59-83. Aug. 14, 1944. 514 B775

#### Spermatophytes

729 KBERG, E., and WIEBE, G. A. Irregular barley, *Hordeum irregulare*, sp. nov. Wash. Acad. Sci. J. 35: 161-164. May 15, 1945. 500 W276J

730 ALLARD, H. A. *Panicum xanthophyllum*, new to West Virginia. Castanea 10: 30. Mar. 1945. 450 So82

731 BEAN, R. C. *Gentiana quinquefolia* in Maine. Rhodora 47: 143. Apr. 1945. 450 R34

732 BEETLE, A. A. *Agropyron japonicum*, an untenable name. Amer. Soc. Agron. J. 37: 319-321. Apr. 1945. 4 Am34P

*Agropyron hackelianum* var. *japonica*, n. comb.

733 BEETLE, A. A. *Distichlis spicata* in Australia. Rhodora 47: 148. May 1945. 450 R34

734 BRADE, A. C. Begoniaceae do herbario do Museu Nacional do Rio de Janeiro. Rio de Janeiro. Mus. Nac. B. Nov. Sér., Bot. 1, 16 p. Rio de Janeiro, 1944. 516 R47Bb

735 BROWN, J. R. Notes on *Eaworthias* [H. sordida], Cactus and Succulent J. 17: 51. Apr. 1945. 451 C11

736 BROWN, J. R. *Pachyphytum werdermannii* Poelin. Cactus and Succulent J. 17: 49-50. Apr. 1945. 451 C11

737 CROIZAT, L. "*Euphorbia chamaesyce*" in the United States. Torrey Bot. Club. B. 72: 312-318. May/June 1945. 451 T63B

738 CRONQUIST, A. Notes on the Compositae of the northeastern United States. I. Inuleae. Rhodora 47: 182-184. May 1945. 450 R34

739 CUTAK, L. The night-blooming cereus and its allies. Mo. Bot. Gard. B. 33: 93-113. May 1945. 451 M69B

740 DAYTON, W. A. A tricarpeal maple [*Acer pseudoplatanus*]. Biol. Soc. Wash. Proc. 58: 27-28. Mar. 21, 1945. 500 W272

741 DORE, W. G., and GRCH, H. Additional grasses for Ottawa list. Canad. Field-Nat. 58: 193. Nov./Dec. 1944. 410.9 Ot8

742 EASTWOOD, A. Notes on *Castanopsis*, *Romneya* and the spring star-flower. Calif. Hort. Soc. J. 6: 195-196. Jan. 1945. 81 C1293

The introduction of *Castanopsis chrysophylla* and *Romneya coulteri* in England; the different generic names of the spring star-flower (*Brodiaea uniflora*).

743 FERNALD, M. L. Minor forms and transfers. Rhodora 47: 144. Apr. 1945. 450 R34

744 GOODWIN, R. H. Estimates of the minimum numbers of genes differentiating several taxonomic categories in the genus *Solidago*. Torrey Bot. Club. B. 72: 235-245. May/June 1945. 451 T63B

745 HARPER, R. M. *Erythronium albidum* in Alabama, and some of its relatives. Castanea 10: 1-7. Mar. 1945. 450 So82

746 HESTER, J. P. *Echinomastus mariposensis* sp. nov. Desert Plant Life 17: 59-60. Apr. 1945. 450 D45

747 HOWELL, J. T. Studies in *Phacelia*; revision of species related to *P. douglasii*, *P. linearis*, and *P. pringlei*. Amer. Midland Nat. 33: 460-494. Mar. 1945. 410 M58

748 HUNT, K. W. Some heretofore unnoticed plants of the South Carolina coastal plain. Rhodora 47: 142-143. Apr. 1945. 450 R34

749 HUNT, T. E. Australian orchids. Austral. Orchid Rev. 9: 21-22. June 1944. 80 Au73

750 JEFFERS, R. H. On *Gladiolus watsonius*, Thunb. Gard. Chron. 117: 156, 180. Apr. 14, 28, 1945. 80 G162

751 LANDON, M. Rediscovery of *Coralorrhiza odontorrhiza*. Canad. Field-Nat. 58: 191. Nov./Dec. 1944. 410.9 Ot8

752 LITTLE, E. L., JR. Miscellaneous notes on nomenclature of United States trees. Amer. Midland Nat. 33: 495-513. Mar. 1945. 410 M58

753 LUNDELL, C. L. The genus *Cnidioscolus* in Mexico: new species and critical notes. Torrey Bot. Club. B. 72: 319-334. May/June 1945. 451 T63B

754 MCVAUGH, R. The genus *Jatropha* in America: principal intrageneric groups. Torrey Bot. Club. B. 72: 271-294. May/June 1945. 451 T63B

755 MARIE-VICTORIN, FRÈRE. Une *Cloranthacée* nouvelle dans la flore montagne de Cuba. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 95. 517 M76



756 MARIE-VICTORIN, FRÈRE. Le genre *Purdiaea* à Cuba. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 96. 517 M76

757 MARIE-VICTORIN, F. Le genre *Ravenia* à Cuba. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 94-95. 517 M76

758 MERRILL, E. D. *Begonia* in the Pacific Islands. *Begonian* 12: 83, 97. May 1945. 95-511 B39

759 MORTON, C. V. A new species of *Markea* [M. dimorpha] from Colombia. *Biol. Soc. Wash. Proc.* 58: 1-2. Mar. 21, 1945. 500 W272

760 MORTON, C. V. Seven new species of *Gesneriaceae* from Peru and Colombia. *Wash. Acad. Sci. J.* 35: 126-131. Apr. 15, 1945. 500 W276J

761 MUÑOZ PIZARRO, C. Sobre la localidad-tipo de *Bromus mango* Desv. Chile. *Dir. Gen. de Agr. Agr. Téc.* 4(1): 98-101. July 1944. 464.9 C432B

English summary.

762 NICHOLLS, W. H. A curious new Victorian greenhood [Pterostylis crypta, n. sp.]. *Victorian Nat.* 61: 207-210. Apr. 1945. 410 V66

763 NICHOLLS, W. H. A new variety of sun-orchid [Thelymitre ixioides var. subdifformis], with notes on other quaint orchid forms. *Victorian Nat.* 61: 207. Apr. 1945. 410 V66

764 PALMER, E. J. *Quercus durandii* and its allies. *Amer. Midland Nat.* 33: 514-519. Mar. 1945. 410 M58

765 ROLLAND-GERMAIN, FRÈRE. Le *Listera australis* dans le Québec. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 97. 517 M76

766 ROULEAU, E. Le nom valide d'une espèce africaine de peuplier. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 97. 517 M76

*Populus denhardtiorum*.

767 ROULEAU, E. Une nouvelle localité extramaritime du *Triglochin maritima*. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 97. 517 M76

768 ROUSSEAU, J. Une section nouvelle du genre *Astragalus*. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 93. 517 M76

769 RUFF, H. M. R. *Dendrobium gracillimum*, stat. nov. *Victorian Nat.* 61: 200-201. Mar. 1945. 410 V66

Originally described as *D. speciosum* var. *gracillimum*.

770 SCHNACK, B. Nota preliminar sobre una modificación de la sistemática del género *Verbena*. *Inst. Fitotec. de Santa Catalina. An.* 4: 17-22. 1942 (pub. 1944). 451 In72A

English summary.

771 SCHWEINFURTH, C. A new *Trichopilia* [T. junensis] from Peru. *Amer. Orchid Soc. B.* 13: 424-426. May 3, 1945. 80 Am329

772 SHERFF, E. E. Some additions to the genus *Dodonaea* L. (fam. Sapindaceae). *Amer. J. Bot.* 32: 202-214. Apr. 1945. 450 Am36

Includes *D. sandwicensis* n. sp. and many new varieties.

773 \*SIRCAR, N. N. Identification of indigenous drugs; *Boerhaavia diffusa* Linn. vs. '*Funarna*.' *Ind'an J. Pharm.* 6: 9-12. Jan./June 1944. 396.8 In23

Drug '*Funarna*' of Ayurveda identified as *Trianthema monogyna*.

774 SMITH, W. W., and FLETCHER, H. R. The genus *Primula*: section *Farinose*. *Roy. Soc. Edinb. Trans.* 61(pt. 1): 1-69. 1943. 452.3 Sm6

775 STERRE, W. C. El descubrimiento y distribución de la *Cinchona pitayensis* en el Ecuador. *Flora [Quito]* 4(11/12): 13-21. May 1944. 450 F662

776 STERRE, W. C. A report of some recent collections of *Rubiaceae* from Ecuador. *Torrey Bot. Club. B.* 72: 295-311. May/June 1945. 451 T63B

777 STEVENS, O. A. Plants of the rose family in North Dakota. *N. Dak. Agr. Expt. Sta. Bimo. B.* 7(4): 27-29. Mar./Apr. 1945. 100 N813B

778 TAYLOR, T. T. *Dendrobium undulatum*. *Austral. Orchid Rev.* 9: 26-27. June 1944. 80 Au73

779 VARGAS, R. A. DE. Contribución al conocimiento del género *Paspalum* en Chile. Chile. *Mus. Nac. de Hist. Nat. B.* 22: 121-134. Santiago, 1944. 516 C43B

780 WEBSTER, H. H. Three southernwoods [Artemisia spp.]. *Herbarist*, No. 11, p. 44-45. 1945. 80 H41

781 WHEELON, R. N. *Shortia*, *Schizocodon*, et al. [Diapensiaceae]. *Wash. State U. Arboretum Found. Arboretum B.* 8: 30-32, 34, 36, 38, 40, 42. Spring 1945. 451 Ar1

782 WILLIS, J. H. *Chlorophytum* -- a genus of lilies new to Victoria (and New South Wales). *Victorian Nat.* 61: 187-195. Mar. 1945. 410 V66

783 WILLIS, J. H. A new alpine variety of the '*Mallee everlasting*' (*Helichrysum adenophorum*). *Victorian Nat.* 61: 217. Apr. 1945. 410 V66

#### Pteridophytes

784 GRIFFITHS, T. A. Excursion to Ferntree Gully. *Victorian Nat.* 61: 220. Apr. 1945. 410 V66

785 MARIE-VICTORIN, FRÈRE. Mise au point sur le *Botrychium ringanense*. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 96. 517 M76

786 PORSILD, A. E. So-called *Woodsia alpina* in North America. *Rhodora* 47: 145-148. May 1945. 450 R34

North American species renamed *W. belli*.

787 ROBBINS, F. Some haunts of east Victorian ferns. *Victorian Nat.* 61: 196-199. Mar. 1945. 410 V66

#### Bryophytes

788 CAIN, R. F. Mosses of the woods. *Canad. Nature* 7: 90-95. May/June 1945. 410 C162

789 EIFERT, V. S. A bank of moss. *Canad. Nature* 7: 89. May/June 1945. 410 C162

790 HABEEB, H. Notes on the moss flora of New Brunswick. IV. *Acadian Nat.* 2(5): 47-51. May 1945. 410.9 N42A

791 KUCYNIK, J. Une addition à la flore bryologique de la région de Montréal: *Pottia truncata* (Hedw.) Fourn. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 91-92. 517 M76

792 KUCYNIK, J. Deux stations de *Mnium hypnophylloides* Hübner dans le Québec. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 91. 517 M76

#### Algae

793 DAILY, F. K. The Characeae of Indiana--a preliminary report. *Butler U. Bot. Studies* 7: 124-131. Apr. 1945. 451 B97

794 DAILY, W. A. Additions to the filamentous Myxophyceae of Indiana, Kentucky and Ohio. *Butler U. Bot. Studies* 7: 132-139. Apr. 1945. 451 B97

795 MAY, V. Report on systematic work on red algae [Rhodophyceae] in Australia. *Austral. Council Sci. and Indus. Res. J.* 18: 62-68. Feb. 1945. 514 Au72J

796 PALMER, C. M. A preliminary study of *Sacheria* in western North America. *Butler U. Bot. Studies* 7: 176-181. Apr. 1945. 451 B97

797 TAIT, C. E. The validity of the algal genus *Thamniastrum*. *Torrey Bot. Club. B.* 72: 246-247. May/June 1945. 451 T63B

#### Fungi (Including Lichens)

798 BOIS, E., and ROY, G. Essai de classification des microorganismes du genre *Oidium* par leurs propriétés biochimiques. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 101. 517 M76

799 CHAMPAGNE, A. Sur un *Fusarium* isolé des racines du *Manettia*. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 92. 517 M76



800 JENKINS, W. A. A *Cercospora* leafspot of cultivated *Physostegia*. *Phytopathology* 35: 324-331. May 1945. 464.8 P56

*Mycosphaerella physostegiae* n. sp., perfect stage of *C. physostegiae* (In herb.), parasitic on *P. virginiana*.

801 MUJICA R., F. El género *Fusarium* en Chile. Chile. Dir. Gen. de Agr. Agr. Téc. 4: 224-229. Dec. 1944. 464.9 C432B

English summary.

802 STEVENSON, J. A., and MUJICA R., F. Los hongos chilenos y los botánicos extranjeros. Chile. Dir. Gen. de Agr. Agr. Téc. 4: 251-255. Dec. 1944. 464.9 C432B

Prepublication of paper presented at X Congreso Científico Chileno.

803 THIRUMALACHAR, M. J. Two new records of *Sphacelia* from Mysore. *Nature* [London] 155: 395-396. Mar. 31, 1945. 472 N21

Occurring on *Brachiaria distachya* and *Amphilophis pertusa*.

#### PATHOLOGY

##### General

804 ARANGO V., A. La creolina en el cultivo del manzano y la pera. *Vida Rural* 6(68): 3. Mar. 1945. 9.4 V66

Disease control.

805 ARTEAGA, P. H. Gomosis de los citrus. Corp. Frutícola Argentina. *Rev. Ofic.* 11(122): 31. Feb. 28, 1945. 83 C81

From La República, San Salvador.

806 BAILEY, J. S., and ROBERTSON, J. Frost injury to flowers or young fruit. *Mass. State Col. Ext. Fruit Notes*, Apr. 16, 1945, p. 9-10, processed. 275.29 M381Fr

807 BLACKFORD, F. W. Damping-off. *Queensland Agr. J.* 60: 89-90. Feb. 1, 1945. 23 Q33

808 BOEHM, B. Apricot gummosis, its spread in the Barossa district. *Austral. Dried Fruit News* 21(5): 14-15. Mar. 1945. 286.83 Au72

809 BOSTER, D. O. October 1944 survey of damage to cranberries by deer. *Amer. Cranberry Growers' Assoc. Proc. Ann. Mtg.* (1945) 75: 6-8. 81 Am35M

810 CARNEVALE, J. A. El cuidado de los frutales. XIII. El mal de munición y el pulgon lanigero [*Eriosoma lanigerum*]. *Pampa Argentina* 18(200): 14-15. Apr. 1944. 9 P19

Control.

811 CASARES PEREZ, E. Manchas del henequén. *Sisal de Yucatán* 6(63): 11, 32. Mar. 31, 1945. 73.8 S183

812 CREAGER, D. B. Summary of 1944 gladiolus disease control studies in Illinois. *Ill. Gladiolus Soc. Notebook* 3: 12-13, processed. Mar. 1945. 96.43 IL6N

813 DAINES, R. H. Isothan Q15, a fungicide for apple spraying compatible with summer oil. *N. J. Agr. Expt. Sta. Plant Dis. Notes* 22: 13-16, processed. Apr. 1945. 464.9 N46P

As a substitute for permate, lauryl isoquinolinium bromide is suggested for control of apple scab.

814 DAVIS, V. H. Spraying fruit trees. *Ohio Farm Bur. News* 24(10): 30-31. May 1945. 6 Oh34

815 DEACON, G. E. A wilt of roses. *Natl. Rose Soc. Rose Ann.* 1945: 30-31. 84 N21

816 DESLANDES, J. A. Doenças da cebola. Brazil. Dept. Nac. de Prod. Veg. Div. de Defesa Sanit. Veg. P. 19, 49 p. Rio de Janeiro, 1944. 464.9 P73

817 DRUMMOND, O. A. As doenças e pragas das plantas e a importância do seu conhecimento e combate. *Ceres* [Viçosa] 6(31): 3-15. Sept./Oct. 1944. 9.2 C332

818 DUNNE, T. C. Spraying to reduce pre-harvest drop of apples. *West. Austral. Dept. Agr. J.* (ser. 2) 21: 233-234. Dec. 1944. 23 W52J

819 DU FLESSIS, S. J. Necessity for precautionary measures against orchard and vine diseases. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 86, 2 p. Pretoria, Jan. 16, 1945. 24 So82P

820 DUTTON, W. C. Foliage sprays for plums and prunes. *Mich. State Hort. Soc. Ann. Rpt.* (1944) 74: 95-98. 1945. 81 M58

For disease control.

821 EDMUNDSON, W. C. The effect of psyllid injury on seed potatoes. *Spud Notes* 3(2): 2-3. Apr. 1945. 75.8 Sp9

822 ESPINOZA TORO, R. Cuidado de los árboles destinados a madera. *Unión Agr. del Sur* 3(15): 46. Jan. 1945. 9.3 Un3

Injury to trees, from use as posts for wire fences.

823 FORMOZOV, A. N. Zametki ob ekologii i sel'skokhoziaistvennom znachenii vorob'ev (*Passer domesticus bactrianus* Zar. et Kudasch. i *Passer montanus pallidus* Zar.) v. iuzhnoi Turkmenii (Notes on the ecology of the sparrows (*Passer domesticus bactrianus* Zar. et Kudasch. and *Passer montanus pallidus* Zar.) and on their role in the agriculture of south Turcomania). *Zool. Zhur.* 23: 342-350. 1944. 410 R92

English summary.

Injury to field crops and vineyards.

824 GUBA, E. F. Paste sulfur in the spraying schedule. *Mass. State Col. Ext. Fruit Notes*, Apr. 16, 1945, p. 2-3, processed. 275.29 M381Fr

825 HANSFORD, C. G. Uganda plant diseases. II-IV. *East African Agr. J.* 10: 147-151. Jan. 1945. 24 Ea74

Banana, cassava, and sweetpotato.

826 HENDRICKSON, G. O. Garden protection from rabbits. *Iowa Conserv.* 4: 131, 133. May 15, 1945. 279 Io92

Victory gardens.

827 HESTER, J. B. Cyanogas injury to tomato plants influenced by potash fertilization. *Amer. Soc. Agron. J.* 37: 319. Apr. 1945. 4 Am34P

828 HOPKINS, J. C. F. Diseases of fruit, flowers and vegetables in Southern Rhodesia. 9. Diseases of tomatoes. *Rhodesia Agr. J.* 42: 81-87. Jan./Feb. 1945. 24 R34

829 KENWORTHY, A. L. Methyl bromide fumigation injury to Williams apples. *Peninsula Hort. Soc. Trans.* (1944) 58: 62-65. 81 P37

830 LAFON, J. Compte rendu des essais de produits anticryptogamiques en 1943. *Off. Internatl. du Vin. B.* 17: 70-81. Mar./Apr. 1944. 390.3 B87

Fungicide trials in vineyards.

831 LARSH, H. W. Early spring incidence of cereal diseases in Arkansas. *Plant Dis. Rptr.* 29: 287-289, processed. Apr. 1, 1945. 1.9 P69P

832 LOTT, R. V. Harvest spray is effective on Yellow Transparent [apple]. *Ill. State Hort. Soc. News Let.*, No. 3, p. 2. May 1945. 81 IL6N

For control of preharvest drop.

833 LUDWIG, R., and LAVALLEE, E. Seed treatment. *Macdonald Col. J.* 5(8): 6-7. Apr. 1945. 101 M144

834 MAIER, W. Recherches sur le problème de la transmission par le sol du court-noué. *Off. Internatl. du Vin. B.* 17: 7-19. Mar./Apr. 1944. Ref. 390.8 B87

Study of possible transmission of court-noué of grape through the soil.

835 MARCHIONATTO, J. B. La podredumbre de la raicilla del naranjo. *Argentina. Inst. de Sapid. Veg.* [P.], Ser. A, v. 1, No. 1, 15 p. Buenos Aires, 1945. 464.9 Ar323

836 MEAD, H. W. A biological method of detecting the presence of fungicides on seeds. *Sci. Agr.* 25: 458-460. Mar. 1945. 7 Sc12

837 MENDEZ CONDIERO, R. Apuntes sobre las causas que ocasionan la merma en las cosechas de papas en Costa Rica. *Agr. Costarricense* 3: 83-96. Feb. 1945. 8 Ag895

Diseases of potatoes.



- 838 MILLARD, W. A. Canker [Phoma lingam] and mosaic of broccoli. *Gt. Brit. Min. Agr. Agriculture* 52: 39-42. Apr. 1945. 10 G79J
- 839 MILLS, W. D. Fruit diseases in 1944. *N. Y. State Hort. Soc. Proc.* (1945) 90: 21-30. 81 N484
- 840 MIX, A. J. Further reports on vegetable diseases in northern New Jersey. *Plant Dis. Rptr.* 29: 235-238, processed. Mar. 15, 1945. 1.9 P69F
- 841 MOREAU, E. Essais effectués en 1943, à la Station de Recherches Viticoles Moët et Chandon d'Épernay, contre l'oïdium, le mildiou et les chenilles de cochyliis [*Glysia ambiguella*] et d'eudémis [*Polychrosis botrana*]. *Off. Internatl. du Vin. B.* 17: 58-69. Mar./Apr. 1944. 390.8 B87
- Control of downy mildew, powdery mildew, and insect pests of grape.
- 842 NATTRASS, R. M. Spraying small areas against potato blight. *East African Agr. J.* 10: 238. Apr. 1945. 24 Ea74
- 843 PALMITER, D. H., and HAMILTON, J. M. Results of field and greenhouse experiments with new fungicides on orchard fruits in 1944. *N. Y. State Hort. Soc. Proc.* (1945) 90: 16-20. 81 N484
- 844 PARKER, E. R., PERSING, C. O., and MOORE, E. C. How to apply zinc spray for mottle-leaf control. *Calif. Citrog.* 30: 200-201. May 1945. 80 C125
- 845 POMERLEAU, R. Notes sur les effets des fumées industrielles sur les arbres. (Abs.) *Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann.* (1945) 11: 92-93. 517 M76
- 846 RAMÓN Y ACOSTA, D. Control sanitario vegetal de importación y exportación. *Uruguay. Min. de Ganad. y Agr. B. Inform.* 2: 141. Mar. 8, 1945. 9.9 G15B
- 847 RICHARDSON, J. K. Spraying and dusting tests with potatoes. *Canad. Hort. & Home Mag., Growers' Ed.* 68(4): 94-95. Apr. 1945. 80 C16
- 848 RUTHERFORD, D. M. What's being done about the orange tree quick decline problem? *Calif. Citrog.* 30: 201. May 1945. 80 C125
- 849 SANDS, D. R. Spraying and dusting potatoes. *Canad. Hort. & Home Mag., Growers' Ed.* 68(5): 120. May 1945. 80 C16
- 850 SNYDER, W. C., and BAKER, K. F. Diseases of seed cauliflower in California. *Seed World* 57(10): 40-43. May 18, 1945. 61.8 Se52
- 851 STRONG, F. C., and RASMUSSEN, E. J. Airplane dusting for the control of orchard fruit diseases. *Mich. State Hort. Soc. Ann. Rpt.* (1944) 74: 53-59. 1945. 81 M58
- 852 SYMPOSIUM on fruit tree decline. *Calif. Citrog.* 30: 222-225. May 1945. 80 C125
- Includes quick decline of citrus.
- 853 TESKE, A. H. Freeze damage in Virginia. *Va. Fruit* 33(5): 14, 16, 18. May 1945. 81 V81B
- 854 TEUBER E., F. J. Algunas sugerencias prácticas para combatir el chancro del manzano. *Agrario* 9(359): 12. Mar. 29, 1945. 9.3 Ag85
- 855 THURSTON, H. W., JR. Potato spraying program. *Rural New-Yorker* 104: 249, 254. May 5, 1945. 6 R88
- 856 TILFORD, P. E. Bacterial wilt and virus diseases of carnations. *Canad. Florist* 40: 129-131. Apr. 20, 1945. 80 C163
- 857 LA "TRISTEZA" maladie des agrumes. *Égypte Agr.* 42: 233. Sept./Oct. 1944. 24 Un32
- 858 W., S. B. Seedling troubles and how to avoid them. *Pop. Gard.* 47: 76. May 5, 1945. 80 G1622
- 859 W., S. B. Spray to be sure of unblemished fruits; use a lime-sulphur wash to control scab and big bud. *Pop. Gard.* 47: 42. Apr. 7, 1945. 80 G1622
- 860 WESTON, W. A. R. D., and SMITH, K. M. Crop diseases and their control. *Roy. Agr. Soc. England. J.* 105: 125-132. 1944. 10 R81
- 861 WINTER, J. D. Causes of apple russetting. *Minn. Fruit Grower* 12(3): 10, 18. May 1945. 80 M66
- 862 WUNSCH, J. K. Keeping delphinium healthy. *Amer. Delphinium Soc. Ybk.* (Delphinium) 1943/44: 44-46. 96.527 Am3D
- 863 ZENTMYER, G. A. New organic fungicides. *Pacific Rural Press, North. Ed.* 149: 310. May 12, 1945. 6 P112
- Also in *Pacific Rural Press, South. Ed.* 149: 310. May 12, 1945. 6 P112A
- Diseases Caused by Fungi
- 864 ALEXANDER, L. J., and TUCKER, C. M. Physiologic specialization in the tomato wilt fungus *Fusarium oxysporum f. lycopersici*. *J. Agr. Res.* 70: 303-313. May 1, 1945. 1 Ag84J
- 865 ARENTSEN S., S. La hernia de las coles. *Unión Agr. del Sur* 3(16): 30-31. Mar. 1945. 9.3 Un3
- Plasmodiophora brassicae*.
- 866 BOYD, O. C. Apple scab outlook. *Mass. State Col. Ext. Fruit Notes*, Apr. 16, 1945, p. 1-2, processed. 275.29 M381Fr
- 867 BURRELL, A. B. Practical use of our newer knowledge of apple scab control. *N. Y. State Hort. Soc. Proc.* (1945) 90: 9-16. 81 N484
- 868 CHEN, C. C., and JENKINS, A. E. Elsinoë and Sphaeloma diseases in Yunnan, China. Particularly hyacinth bean scab and scab of castor bean. *Phytopathology* 35: 339-352. May 1945. 464.8 P56
- 869 CRAIGIE, J. H. Epidemiology of stem rust [*Puccinia graminis*] in western Canada. *Sci. Agr.* 35: 285-401. Feb. 1945. 7 Sci2
- 870 CROSIER, W. Some fungi found in seed-stocks during recent years. *Assoc. Off. Seed Anal. Proc.* (1942-43/1943-44) 35: 99-102, processed. 1945. Ref. 61.9 As7
- 871 DEACON, G. E. Coniothyrium of roses. *Natl. Rose Soc. Rose Ann.* 1945: 45-46. 84 N21
- 872 EVERETT, P. Diseases of tree trunks. *New Zeal. J. Agr.* 70: 307-308. Mar. 15, 1945. 23 N48J
- Ascochyta corticola* and collar rot of citrus.
- 873 EZEKIEL, W. N. Effect of low temperatures on survival of *Phymatotrichum omnivorum*. *Phytopathology* 35: 296-301. May 1945. 464.8 P56
- 874 FISCHER, G. W. The stem smuts of *Stipa* and *Oryzopsis* in North America. *Butler U. Bot. Studies* 7: 25-39. Apr. 1945. 451 B97
- 875 \*FLANZY, M., RAYMOND, M., and BOUSCARY, A. Défense du vignoble contre l'oïdium. *Essais de 1943. Off. Internatl. du Vin. B.* 17: 19-38. Mar./Apr. 1944. 390.8 B87
- Control of grape powdery mildew.
- 876 GRAY, E. G. Little potato [disease]. *Scot. Farmer* 53: 551. Apr. 21, 1945. 10 Sco8
- Caused by *Rhizoctonia*.
- 877 GUEVARA, J. M. La Peronospora de la vid. Perjuicio que ocasiona. Su evolución y tratamientos preventivos. *Argentina. Sec. de Indus. y Com. B.* 1(4): 259-264. Jan. 1945. 280.9 Ar3
- 878 JACQUES, J. E. Une espèce d'*Urophlyctis* associée à une galle de *Lathyrus japonicus*. (Abs.) *Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann.* (1945) 11: 98-99. 517 M76
- 879 KREIBOHM DE LA VEGA, G. A. El problema del "carbon" en la cana de azucar. *Paraguay. Min. de Agr. Rev. No. 5*, p. 58-64. Jan. 1945. 9.7 Ag8Re
- 880 KREUTZER, W. A. New potato disease of leak type found in Colorado; measures for control listed. *Colo. Farm B.* 7(2): 3-4. Mar./Apr. 1945. 100 C71S
- "Western leak" caused by *Phytophthora*.
- 881 \*LAFON, R. Comment combattre l'oïdium sans soufre ni permanganate. *Off. Internatl. du Vin. B.* 17: 53-58. Mar./Apr. 1944. 390.8 B87
- Control of grape powdery mildew.
- 882 LETELIER A., E. Factores climáticos que condicionan el ataque del *Puccinia graminis tritici* en Chile. *Chile. Dir. Gen. de Agr. Agr. Téc.* 4: 170-178. Dec. 1944. 464.9 C432B
- English summary.
- 883 LEWIS, R. W. The field inoculation of rye with *Claviceps purpurea*. *Phytopathology* 35: 353-360. May 1945. 464.8 P56



- 884 LOUGHNANE, J. B. Potato late blight. Fire. Dept. Agr. J. 41: 285-299. Sept. 1944. 10 Ir2J
- 885 MARTIN, J. F. Spread of white pine blister rust in 1944. J. Forestry 43: 287-288. Apr. 1945. 99.8 F768
- 886 NEILL, J. C. Rhizophagus in citrus; results of recent experiments. Orchardist New Zeal. 18(4): 7. Apr. 5, 1945. 80 Or19
- Biology of Rhizophagus and its association with citrus and other plants.
- 887 \*PERLBERGER, J. The effect of weather conditions on the scab disease of kernel fruits. (In Hebrew.) Hassadeh 25: 147-150. Feb. 1945. 26 H27
- 888 POMERLEAU, R. Danger for our elm trees from dieback. Family Herald and Weekly Star 76 (18): 3. May 2, 1945. 7 F21
- 889 PUNNETT, R. F. Don't worry over crown rot Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 50-51. 96.527 Am3D
- 890 ROJAS PENA, E. DE. La gomosis [Phytophthora parasitica] de los frutales cítricos. Rev. Agr. y Ganad. 8(89): 6-8. Dec. 1944. 9.4 R327
- 891 ROSEN, H. R. Incidence of crown rust Puccinia coronata, of oats from October to March, 1944-45, in Arkansas. Plant Dis. Rptr. 29: 286-287, processed. Apr. 1, 1945. 1.9 F69F
- 892 SCHAAAL, L. A. Scab [of potato.] Spud Notes 3(2): 4. Apr. 1945. 75.8 Sp9
- 893 SCHAEFFER, E. E. Rust and powdery-mildew diseases. Union So. Africa. Dept. Agr. and Forestry Agr. Prod. Publicity Ser. 94, 2 p. Pretoria, 1945. 24 So32Pa
- 894 SHAY, J. R. Apple scab spores keep pace with early budbreak. Hoosier Hort. 27: 76-77. May 1945. 81 In2H
- 895 \*THIRUMALACHAR, M. J. Ergot and sphecelial stages on some wild grasses in Mysore. Cur. Sci. [Bangalore], 14: 22. Jan. 1945. 475 Sci23
- 896 TYLER, L. J. Influence of temperature on the Dutch elm disease in potted American elm. Phyto pathology 35: 302-304. May 1945. 464.8 P56
- 897 VALLEGA, J. Especialización fisiológica de Melampsora lini, en Argentina. Inst. Fitotec. de Santa Catalina. An. 4: 59-74. 1942 (pub. 1944). 451 In72A
- English summary.
- 898 VALLEGA, J. Observaciones preliminares sobre especialización fisiológica de Puccinia sorghi, en Argentina. Inst. Fitotec. de Santa Catalina. An. 4: 14-16. 1942 (pub. 1944). 451 In72A
- English summary.
- 899 VALLEGA, J. Razas fisiológicas de Puccinia rubigo-vera tritici, comunes en Argentina. Inst. Fitotec. de Santa Catalina. An. 4: 41-57. 1942 (pub. 1944). Ref. 451 In72A
- English summary.
- 900 WADE, G. C. The control of Botrytis corm rot of the gladiolus. Victoria. Dept. Agr. J. 43: 127-130. Mar. 1945. 23 V66J
- 901 WALLACE, E. R. Didymella stem rot of tomato. Kirton Agr. J., No. 10, p. 21, 23. Feb. 1945. 10 K63
- 902 WALLACE, G. B., and WALLACE, M. M. Tomato late blight. East African Agr. J. 10: 181-182. Jan. 1945. 24 Ea74
- 903 WATERMAN, A. M. Tip blight of species of Abies caused by a new species of Rehmiellopsis [R. balsamiae n. sp.]. J. Agr. Res. 70: 315-337. May 15, 1945. Ref. 1 Ag84J
- 904 WATSON, R. D. Sweetpotato soil rot [Actinomyces ipomoeae], slip treatment and varietal reaction tests in Texas. Plant Dis. Rptr. 29: 240-241, processed. Mar. 15, 1945. 1.9 F69F
- 905 WESTON, W. A. R. D. American gooseberry mildew. Gt. Brit. Min. Agr. Agriculture 52: 71-72. May 1945. 10 G79J
- 906 WILKINSON, E. H. Perennial canker of apple trees in England. J. Pomol. and Hort. Sci. 21: 180-185. Apr. 1945. 80 J825
- Gloeosporium perennans.
- 907 YU, T. F., WANG, H. R., and FANG, C. T. Varietal resistance and susceptibility of wheat to flag smut (Urocystis tritici Körn.). IV. Further studies on physiologic specialization in Urocystis tritici Körn. Phytopathology 35: 332-338. May 1945. 464.8 P56
- Diseases Caused by Bacteria
- 908 EIDE, C. J. Control ring rot of potato, with rigid sanitation. Minn. Farm and Home Sci. [Minn. Sta.], 2(3): 2-3. May 15, 1945. 100 M668
- 909 MONTGOMERY, H. B. S., and MOORE, M. H. The control of bacterial canker and leaf-spot in sweet cherry. J. Pomol. and Hort. Sci. 21: 155-163. Apr. 1945. 80 J825
- Due to Pseudomonas mors-prunorum.
- 910 NATTRASS, R. M. A new bacterial disease of the potato in Kenya. East African Agr. J. 10: 162-163. Jan. 1945. 24 Ea74
- Organism not identified.
- 911 PIRONE, P. P. Control of the gall disease of Gypsophila caused by Phytomonas gypsophilae (Brown) Magrou. Phytopathology 35: 368-369. May 1945. 464.8 P56
- 912 RICHARDSON, J. K. Black rot [Xanthomonas campestris] of rutabagas. Sci. Agr. 25: 415-425. Mar. 1945. 7 Sci2
- 913 VELASCO LLANO, V. La enfermedad [Bacterium solanacearum] del platano es muy grave. Colombia. Estac. Agr. Expt. de Palmira. B. 5, 2 p., processed. Palmira, 1944. 102.5 Pl8Bo1
- 914 YACKULIC, G. A. Alberta intensifies her [potato] ring rot campaign. Family Herald and Weekly Star 76(4): 6. Jan. 24, 1945. 7 F21
- Viruses and Virus Diseases
- 915 BAWDEN, F. C., and KLECZKOWSKI, A. Protein precipitation and virus inactivation by extracts of strawberry plants. J. Pomol. and Hort. Sci. 21: 2-7. Apr. 1945. 80 J825
- 916 CALDWELL, R. M. Indiana phloem necrosis of American elm. Amer. Nurseryman 81(10): 27. May 15, 1945. 80 Am371
- 917 CLINCH, P. E. M., LOUGHNANE, J. B., and MCKAY, R. Notes on the leaf roll and mosaic diseases of potatoes in relation to seed potato production. Fire. Dept. Agr. J. 41: 263-276. Sept. 1944. 10 Ir2J
- 918 GREAT BRITAIN. MINISTRY OF AGRICULTURE AND FISHERIES. Potato virus diseases. Gt. Brit. Min. Agr. and Fisheries. Advisory Leaflet 139, 8 p. London, 1944. 10 G79La
- 919 GUTSELL, R. J. Whither strawberry growing? Fruit-Grower, Fruiterer, Florist & Market Gard. 99: 321-322, 330. May 3, 1945. 80 F941
- Desirability of virus-free stocks.
- 920 HULL, R., and WATSON, M. A. Virus yellows in sugar beet root and seed crops. Kirton Agr. J., No. 10, p. 45-48. Feb. 1945. 10 K63
- 921 HULL, R., and WATSON, M. A. Virus yellows of sugar beet. Gt. Brit. Min. Agr. Agriculture 52: 66-70. May 1945. 10 G79J
- 922 HUTTON, E. M., and BALD, J. G. The relationship between necrosis and resistance to virus Y in the potato. Austral. Council Sci. and Indus. Res. J. 18: 48-52. Feb. 1945. 514 Au72J
- 923 MCKAY, R., and CLINCH, P. E. M. Leaf roll infection in the potato varieties Skerry Champion, Shamrock and Matador. Fire. Dept. Agr. J. 41: 200-208. Sept. 1944. 10 Ir2J
- 924 FOSNETTE, A. F. Virus que hincha los retoños de los cacaotales. Rev. de Agr. [Santo Domingo], 35: 168-170. Sept./Oct. 1944. 8 R323
- 925 PRICE, W. C. Crystallization of southern bean mosaic virus. Science 101: 515-517. May 18, 1945. 470 Sci2
- 926 SELMAN, I. W. The susceptibility of lettuce to mosaic virus in relation to nitrogen, phosphate and water supply. J. Pomol. and Hort. Sci. 21: 28-33. Apr. 1945. 80 J825



927 \* SELMAN, I. W. Virus infection and water loss in tomato foliage. *J. Pomol. and Hort. Sci.* 21: 146-154. Apr. 1945. 80 J825

928 SMITH, K. M. A further note on the viruses affecting *Atropa belladonna* and a description of a virus complex attacking *Hyoscyamus niger*. *Parasitology* 36: 209-210. Mar. 1945. 448.3 P21

929 \*SUKHOV, K. S. On certain conditions of formation of intracellular virus inclusions. *Acad. des Sci. de l'U. R. S. S. Compt. Rend.* 45: 169-172. Nov. 10, 1944. 511 P444

Mainly experiments with tobacco mosaic.

930 THORBERRY, H. H. Peach yellow-red virosis, or peach X-disease. *Ill. State Hort. Soc. Ill. Hort.* 34(2): 1-2. Apr. 1945. 80 IL66

#### Diseases Caused by Nematodes

931 BONDAR, G. Nova e grave ameaça aos coqueiros brasileiros. *Campo Rio de Janeiro*, 16 (182): 71-72. (To be cont.) Feb. 1945. 9.2 C15

Red ring disease caused by *Aphelenchus cocophilus*.

932 CARROLL, J., and MCMAHON, E. A summary of research work carried out in Ireland on the potato root eelworm. *Eire. Dept. Agr. J.* 41: 220-228. Sept. 1944. 10 Ir2J

933 CHU, V. M. The prevalence of the wheat nematode in China and its control. *Phytopathology* 35: 288-295. May 1945. 464.8 P56

934 KING, G. H. Control of root knot in plant beds. *West. Tobacco J.* 72(17): 8, 17. Apr. 24, 1945. 286.89 W52

935 WHITEHOUSE, W. E. Peach rootstocks resistant to root knot nematode. *Chile. Dir. Gen. Agr. Agr. Téc.* 4: 145-150. Dec. 1944. 464.9 C432B

Prepublication of paper presented at X Congreso Científico Chileno.

#### ECOLOGY

936 BILLINGS, W. D. The plant associations of the Carson Desert region, western Nevada. *Butler U. Bot. Studies* 7: 89-123. Apr. 1945. Ref. 451 B97

Station locations, p. 110-123.

937 BONCK, J., and PENFOUND, W. T. Plant succession on abandoned farm land in the vicinity of New Orleans, Louisiana. *Amer. Midland Nat.* 33: 520-529. Mar. 1945. 410 M58

938 CHASE, C. D. The marsh orchids of north-east Ireland. *Irish Nat. J.* 8: 270-271. Mar. 1945. 410 Ir42

939 COTTAM, W. P., and EVANS, F. R. A comparative study of the vegetation of grazed and ungrazed canyons of the Wasatch Range, Utah. *Ecology* 26: 171-181. Apr. 1945. 410 Ec7

940 HUMPHREY, R. R. Common range forage types of the inland Pacific Northwest. *Northwest Sci.* 19: 3-11. Feb. 1945. 470 N81

941 KELLER, C. O. A quadrat study of Meltzer Woods, Shelby County, Indiana. *Butler U. Bot. Studies* 7: 140-154. Apr. 1945. 451 B97

942 KELLY, G. W. Plant-life areas in Colorado. *Green Thumb* 2(2): 11-13. Mar. 1945. 80 G82

943 LEE, M. B. An ecological study of the floodplain forest along the White River system of Indiana. *Butler U. Bot. Studies* 7: 155-175. Apr. 1945. 451 B97

944 LUTZ, H. J. Vegetation on a trenched plot at the Yale Demonstration and Research Forest, near Keene, N. H., twenty-one years after establishment. *Ecology* 26: 200-202. Apr. 1945. 410 Ec7

945 MARIE-VICTORIN, FRERE. Observations sur les analogies et identités floristiques de certains étangs de l'ouest de Cuba et de certains lacs des Laurentides. (Abs.) *Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann.* (1945) 11: 95. 517 M76

946 PARKER, D. Plant succession at Long Pond, Long Island, New York. *Butler U. Bot. Studies* 7: 74-88. Apr. 1945. 451 B97

947 RAYMOND, M. Quelques particularités botaniques de l'enclave dolomitique de Saint-Armand - Philipsburg, comté de Mississquoi. (Abs.) *Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann.* (1945) 11: 94. 517 M76

948 ROLLAND-GERMAIN, FRERE. Le rôle de l'*Eleocharis acicularis* dans la formation d'un certain type de tourbière. (Abs.) *Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann.* (1945) 11: 96. 517 M76

#### MORPHOLOGY, ANATOMY, AND CYTOLOGY

949 \*\*ABRAHAM, A. Cytological studies in *Sesamum*. *Indian Sci. Cong.*, 31st, Delhi, 1944, *Proc.* 3: 91.

Abs. in *Plant Breeding Abs.* 15: 91. Apr. 1, 1945. 241 Im73

950 \*\*ABRAHAM, A. Natural and artificial polyploids in tapioca (*Manihot utilissima*). *Indian Sci. Cong.*, 31st, Delhi, 1944, *Proc.* 3: 91.

Abs. in *Plant Breeding Abs.* 15: 109. Apr. 1, 1945. 241 Im73

951 \*BULGAKOV, S. W. Modified anatomical structure in kok-saghyz roots and its biological import. *Acad. des Sci. de l'U. R. S. S. Compt. Rend.* 45: 35-38. Oct. 10, 1944. 511 P444

Relation of the increase in size of roots without reduction of rubber content and their anatomical structure.

952 CHOUDHURI, H. C. Cytological studies in the genus *Solanum*. I-II. Wild and native cultivated "diploid" potatoes. *Roy. Soc. Edinb. Trans.* 61: 113-135, 199-219. Oct. 28, 1943, Aug. 30, 1944. 463.43 C45

Main title of pt. II reads Cytological and genetical studies in the genus *Solanum*.

953 COOK, D. B. An abnormal Balsam fir. *Torreya* 45: 13-14. Mar. 1945. 450 T63

*Abies balsamea* entirely devoid of branches.

954 \*FEDORCHUK, V. P. Razvitie i stroenie semiapochek i semian u krasnogo klevera (*Trifolium pratense*) [Development and structure of ovules and seeds in red clover (*Trifolium pratense*)]. *Moskov. Ordena Lenina Sel'sk. Akad. Im. K. A. Timiriāzeva. Trud.* No. 25, 37 p. Moskva, 1944. 106 M852T

English summary.

955 CAUTHIER, R. L'anatomie florale des *Begoniae*. I. La fleur pistillée du *Begonia dregei*. (Abs.) *Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann.* (1945) 11: 90. 517 M76

956 \*CHOSE, R. L. M., and DATTA, J. A note on leaf mutations in jute. *Sci. and Cult.* 10: 397-398. Mar. 1945. 475 Sci24

957 LYNES, F. F. Polyploidy in sugar beets induced by storage of treated seed. *Amer. Soc. Agron. J.* 37: 402-404. May 1945. 4 Am34P

958 \*\*MEHRA, P. N. Chromosome number and morphology in some species of the genus *Epheira*. *Indian Sci. Cong.*, 31st, Delhi, 1944, *Proc.* 3: 92.

Abs. in *Plant Breeding Abs.* 15: 112. Apr. 1, 1945. 241 Im73

959 \*PRASAD, S. A histological study of the fruit and seed of *Psoralea corylifolia* Linn. *Indian J. Pharm.* 6: 61-67. July/Sept. 1944. 396.3 In23

960 RICE, M. A. The cytology of host-parasite relations. II. *Bot. Rev.* 11: 288-298. May 1945. Ref. 450 B6527

961 SEIFRIZ, W. The structure of protoplasm. II. *Bot. Rev.* 11: 231-259. May 1945. Ref., p. 256-259. 450 B6527

962 TORTORELLI, L. A. Estudio xilológico del *Drimys winteri*. *Buenos Aires. U. Facul. de Agron. y Vet. Rev.* 11: 42-49. Nov. 1944. 9 B863

English summary.

#### GENETICS

963 ALLEN, C. E. The genetics of bryophytes. II. *Bot. Rev.* 11: 260-287. May 1945. Ref., p. 283-287. 450 B6527

964 BLACK, W. Inheritance of resistance to two strains of blight (*Phytophthora infestans* de Bary) in potatoes. *Roy. Soc. Edinb. Trans.* 61 (pt. 1): 137-147. 1943. Ref. 464.41 B56

965 BOERGER, A. Centros de genes en la América del Sur. *Pensamiento Peruano*, Mar./Apr. 1945, p. 58-63. 110 P38

Genes of native South American plants for breeders.



- 966 BOWDEN, W. M. A list of chromosome numbers in higher plants. II. Menispermaceae to Verbenaceae. Amer. J. Bot. 32: 191-201. Apr. 1945. 450 Am36
- 967 CALATRAVA ALFARO, A. Un nuevo caracter adherente en maíz. Inst. Fitotec. de Santa Catalina. An. 4: 28-39. 1942 (pub. 1944). 451 In72A  
English summary.
- 968 CHANG, T. S. The inheritance and economic value of some indicating characters in Upland cotton. Agr. Assoc. China. J. 178, p. 37-49, V-VI. Dec. 1944. 22.5 Ag862  
In Chinese with English summary.
- 969 CHEN, S. L., and SUNG, P. Studies on colchicine-induced autotetraploid barley. II-III. Amer. J. Bot. 32: 177-179, 180-181. Apr. 1945. 450 Am36
- 970 \*CHIN, K. C. Pigment pourpre dans les hybrides de blés, engrains et froments (Tr. monococcum x Tr. vulgare). Paris. Acad. des Sci. Compt. Rend. 218: 975-977. June 19, 1944. 505 P21
- 971 \*CHIN, K. C. Pigment pourpre dans les hybrides de blés, français et chinois. Paris. Acad. des Sci. Compt. Rend. 218: 1004-1006. June 26, 1944. 505 P21
- 972 CORTAZAR SACARMINAGA, R. Estudio de la herencia de la resistencia al Puccinia graminis tritici y otros caracteres en los cruzamientos de las variedades de trigo Sinvaloch X Premier y Sinvaloch X Regent. Chile. Dir. Gen. de Agr. Agr. Tec. 4(1): 88-97. July 1944. 464.9 C432B
- 973 DELBRUCK, M. Spontaneous mutations of bacteria. Mo. Bot. Gard. Ann. 32: 223-233. Apr. 1945. 451 M69
- 974 DOMINGO, W. E. Inheritance of number of seeds per pod and leaflet shape in the soybean. J. Agr. Res. 70: 251-268. Apr. 15, 1945. 1 Ag84J
- 975 EMERSON, S. Genetics as a tool for studying gene structure. Mo. Bot. Gard. Ann. 32: 243-249. Apr. 1945. 451 M69  
Includes experiments with Neurospora.
- 976 GABER, R. J., and ATWOOD, S. S. Natural crossing in sudan grass. Amer. Soc. Agron. J. 37: 365-369. May 1945. 4 Am34P
- 977 GOWEN, J. W. Genetic aspects of virulence in bacteria and viruses. Mo. Bot. Gard. Ann. 32: 187-211. Apr. 1945. Ref., p. 209-211. 451 M69  
Includes experiments with plant bacteria and viruses.
- 978 HOLLAEENDER, A. The mechanism of radiation effects and the use of radiation for the production of mutations with improved fermentation. Mo. Bot. Gard. Ann. 32: 165-178. Apr. 1945. Ref. 451 M69  
Effect on bacteria and fungi.
- 979 HUA, H. N. Linkage studies in Vicia faba L. Agr. Assoc. China. J. 178, p. 25-35, IV-V. Dec. 1944. 22.5 Ag862  
In Chinese with English summary.
- 980 LINDEGREN, C. C. Mendelian and cytoplasmic inheritance in yeasts. Mo. Bot. Gard. Ann. 32: 107-123. Apr. 1945. 451 M69
- 981 LURIA, S. E. Genetics of bacterium-bacterial virus relationship. Mo. Bot. Gard. Ann. 32: 235-242. Apr. 1945. 451 M69
- 982 \*MEHRA, P. N. Colchicine and sulphamylamide effect on the mitotic division of body nucleus in the pollen grains in the genus Ephedra. Indian Sci. Cong., 31st, Delhi, 1944, Proc. 3: 93. Abs. in Plant Breeding Abs. 15: 113. Apr. 1, 1945. 241 Im73
- 983 MORRISON, G. Genetical engineering, blue prints of plants. 2. Seed World 57(8): 14, 16, 18. Apr. 20, 1945. 61.8 Se52
- 984 \*FATEL, N. M. Dimeric transmission of disease resistance to Ustilago avenae (Pers.) Jens. race 21 (Reed) in Avena hybrid of interspecific derivation. Indian Sci. Cong., 31st, Delhi, 1944, Proc. 3: 157-158. Abs. in Plant Breeding Abs. 15: 102. Apr. 1, 1945. 241 Im73
- 985 \*PISSAREV, W. E., and VINOGRADOVA, N. M. Hybrids between wheat and Elymus. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 45: 129-132. Oct. 30, 1945. 511 P444
- 986 SCHNACK, B. Nuevo método para obtener una proporción elevada de flores dobles en aleli, Matthiola incana. Inst. Fitotec. de Santa Catalina. An. 4: 7-13. 1942 (pub. 1944). 451 In72A  
English summary.
- 987 SCHNACK, B. Prueba directa de un nuevo método para obtener una proporción elevada de "dobles" en aleli, Matthiola incana. Inst. Fitotec. de Santa Catalina. An. 4: 23-27. 1942 (pub. 1944). 451 In72A
- 988 SPIEGELMAN, S. The physiology and genetic significance of enzymatic adaptation in yeast. Mo. Bot. Gard. Ann. 32: 139-163. Apr. 1945. Ref., p. 161-163. 451 M69
- 989 TATUM, E. L., and BEADLE, G. W. Biochemical genetics of Neurospora. Mo. Bot. Gard. Ann. 32: 125-129. Apr. 1945. 451 M69
- PHYSIOLOGY
- 990 ÅBERG, E. Effect of vernalization on the development of stripe Helminthosporium gramineum, in barley. Phytopathology 35: 367-368. May 1945. 454.8 P56
- 991 AHLGREN, H. L., SMITH, D. C., and NIELSEN, E. L. Behavior of various selections of Kentucky bluegrass, Poa pratensis L., when grown as spaced plants and in mass seedlings. Amer. Soc. Agron. J. 37: 268-281. Apr. 1945. 4 Am34P
- 992 \*AIYAR, S. P. A chlorosis of paddy (Oryza sativa L.) due to sulphate deficiency. Cur. Sci. Bangalore, 14: 10-11. Jan. 1945. 475 Sci23
- 993 ALLARD, H. A. Some behaviors of the yams (Dioscorea) of the family Dioscoreaceae. Castanea 10: 8-13. Mar. 1945. 450 So82
- 994 ANDERSEN, A. M., and DRAKE, V. C. Preliminary study of seed of crested wheatgrass exhibiting delayed germination. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 146-153, processed. 1945. 61.9 As7
- 995 ANGELL, H. R. Unavailability of plant food and take-all of wheat. Austral. Council Sci. and Indus. Res. J. 18: 37-46. Feb. 1945. 514 Au72J
- 996 ARMITAGE, E. A note on albino flowers. Roy. Hort. Soc. J. 70: 146-150. May 1945. 84 L84J
- 997 ARNDT, C. H. Temperature-growth relations of the roots and hypocotyls of cotton seedlings. Plant Physiol. 20: 200-220. Apr. 1945. Ref. 450 P692
- 998 AVERY, G. S., JR., BERGER, J., and WHITE, R. O. Rapid total extraction of auxin from green plant tissue. Amer. J. Bot. 32: 188-191. Apr. 1945. 450 Am36
- 999 BAKE, A. L., and GAESSLER, W. G. The effect of reduced light intensity on the aerial and subterranean parts of the European bindweed. Plant Physiol. 20: 246-257. Apr. 1945. Ref. 450 P692
- 1000 BANTA, E. S. How much cold can fruit take? Amer. Fruit Grower 65(5): 8-9, 25. May 1945. 30 G85
- 1001 \*BEVILOTTI, V. Azione biologica delle correnti ad alta frequenza. Soc. Ital. di Biol. Sper. B. 19: 258-260, 283-285. Oct./Dec. 1944. 442.3 So12  
I. Influenza esercitata sulla germinazione dei semi. II. Azione dello ossido di torio colloidale sulla germinazione dei semi vegetali.
- 1002 BIDDULPH, O., and BROWN, D. H. Growth and phosphorus accumulation in cotton flowers as affected by meiosis and fertilization. Amer. J. Bot. 32: 182-188. Apr. 1945. 450 Am36
- 1003 BREMER, H. On pod spots of pepper. Phytopathology 35: 283-287. May 1945. 464.8 P56
- 1004 BROWN, R., and EDWARDS, M. Effects of thiourea and allylthiourea on the germination of the seed of Striga lutea. Nature London, 155: 455-456. Apr. 14, 1945. 472 N21



- 1005 CAILLOUX, M. Sur la corrélation entre l'élongation des poils radicaux et leur fonction d'absorption. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 98. 517 M76
- 1006 CHANG, H. T., and LOOMIS, W. E. Effect of carbon dioxide on absorption of water and nutrients by roots. Plant Physiol. 20: 221-232. Apr. 1945. Ref. 450 P692
- 1007 CHAPMAN, H. D., BROWN, S. M., and RAYNER, D. S. Nutrient deficiencies of citrus. Calif. Citrog. 30: 198-199, 216-217, 230-231, 246-248. May, June 1945. 80 C125
- 1008 COCHRANE, V. W. The effect of brief temperature treatments on germination of urediospores of *Phragmidium mucronatum* (Fr.) Schlecht. Phytopathology 35: 361-366. May 1945. 464.8 P56
- 1009 COX, L. G., MUNGER, H. M., and SMITH, E. A. A germination inhibitor in the seed coats of certain varieties of cabbage. Plant Physiol. 20: 289-294. Apr. 1945. Ref. 450 P692
- 1010 CRANE, J. C., and ACUNA, J. B. Effect of planting rate on fiber yield of *Urena lobata* L. as compared with kenaf, *Hibiscus cannabinus* L. Amer. Soc. Agron. J. 37: 245-250. Apr. 1945. 4 Am34P
- 1011 \*DEMOLON, A., GESLIN, H., and POLI, C. Observations écologiques sur une vigne cloisonnée. Off. Internatl. du Vin. B. 17: 30-40. Jan./Feb. 1944. 390.8 B87
- 1012 DENNISON, R. A. Growth and nutrient responses of Little Turkish tobacco to long and short photoperiods. Plant Physiol. 20: 183-199. Apr. 1945. Ref. 450 P692
- 1013 DRUMMOND, W. C. Chlorosis and deficiencies. Part I. Begonian 12: 95-96. May 1945. 95.511 B39
- 1014 DYKSTERHUIS, E. J. Axillary cleistogenes in *Stipa leucotricha* and their role in nature. Ecology 26: 195-199. Apr. 1945. 410 Ec7
- 1015 EMMERT, E. M. The use of monochloroacetic acid to include ammonia in the chlorate method for total nitrogen in plant tissue. Plant Physiol. 20: 307-309. Apr. 1945. Ref. 450 P692
- 1016 FORSYTH, D. D., and VOGEL, O. A. Effect of seedcoat injuries during threshing on emergence of flax seedlings. Amer. Soc. Agron. J. 37: 387-393. May 1945. 4 Am34P
- 1017 GONZÁLEZ, F. The inhibiting effect of quinones on the growth of *Penicillium notatum*. Science 101: 494. May 11, 1945. 470 Sci2
- 1018 GOODALL, D. W. Studies in the diagnosis of mineral deficiency. II-III. J. Pomol. and Hort. Sci. 21: 90-102, 103-107. Apr. 1945. 80 J825
- II. A comparison of the mineral content of scorched and healthy leaves from the same apple tree. III. The mineral composition of different types of leaf on apple trees in early summer.
- 1019 GREEN, J. The response of individual plants and of individual crops to phosphate fertilizers. Amer. Fert. 102(8): 11, 28. Apr. 21, 1945. 57.8 Am3
- 1020 GREER, E. N., and HUTCHINSON, J. B. Dormancy in British-grown wheat. Nature [London] 155: 381-382. Mar. 31, 1945. 472 N21
- 1021 GUM, O. B., BROWN, H. D., and HURRELL, R. C. Some effects of boron and manganese on the quality of beets and tomatoes. Plant Physiol. 20: 267-275. Apr. 1945. Ref. 450 P692
- 1022 HARRIS, H. C., BLEDSOE, R. W., and CALHOUN, P. W. Responses of cotton to sulfur fertilization. Amer. Soc. Agron. J. 37: 324-329. May 1945. 4 Am34P
- 1023 HEIT, C. E. Recent findings on laboratory germination and longevity of New Zealand spinach seed. Assoc. Off. Seed. Anal. Proc. (1942-43/1943-44) 35: 115-120, processed. 1945. 61.9 As7
- 1024 HOLLAENDER, A., and others. Quantitative irradiation experiments with *Neurospora crassa*. II. Amer. J. Bot. 32: 226-235. Apr. 1945. 450 Am36
- E. R. Sansome, E. Zimmer, and M. Demerec, joint authors.
- Ultraviolet irradiation.
- 1025 HOLSCHER, C. E. The effects of clipping bluestem wheatgrass [*Agropyron smithii*] and blue grama [*Bouteloua gracilis*] at different heights and frequencies. Ecology 26: 148-156. Apr. 1945. 410 Ec7
- 1026 HOROWITZ, B. A note on the interaction between heterosis and photoperiodic response. Austral. J. Sci. 7: 126-127. Feb. 21, 1945. 475 Au72
- 1027 HYDE, H. A., and WILLIAMS, D. A. Pollen of lime (*Lilium* spp.). Nature [London] 155: 457. Apr. 14, 1945. 472 N21
- 1028 JACOBSON, L. Iron in the leaves and chloroplasts of some plants in relation to their chlorophyll content. Plant Physiol. 20: 233-245. Apr. 1945. Ref. 450 P692
- 1029 JUSTICE, O. L. Germination of seed of Florida beggarweed [*Desmodium tortuosum*]. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 103-104, processed. 1945. 61.9 As7
- 1030 JUSTICE, O. L., and MARKS, R. W. Germination of unscarified and scarified seed of *Lathyrus hirsutus* L., under laboratory, greenhouse and field conditions. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 104-115, processed. 1945. 61.9 As7
- 1031 \*KAPADIA, G. A. Anomalous vegetative reproduction by cuttings in *Ficus religiosa*, Linn. Cur. Sci. [Bangalore] 14: 23. Jan. 1945. 475 Sci23
- 1032 \*\*KAR, B. K. Vernalization of Indian crops. II. Photostage in wheat (*Triticum vulgare*) and oat (*Avena* sp.). Indian Sci. Cong., 31st, Delhi, 1944, Proc. 3: 87-88.
- Abs. in Plant Breeding Abs. 15: 102. Apr. 1, 1945. 241 Im73
- 1033 KLOTZ, L. J. A progress report on citrus tree decline. (Sum.) Calif. Citrog. 30: 242-244. June 1945. 80 C125
- 1034 LAMIA, A. Por qué enferman y mueren los vegetales en su poder de producción. Café de Nicaragua 1(4): 35-37. Feb. 1945. 68.28 C114
- 1035 LEMÉE, G. Sur les rapports entre l'économie en eau et l'enroulement des feuilles de graminées. Paris. Acad. des Sci. Compt. Rend. 218: 723-725. May 1, 1944. 505 P21
- 1036 \*LEVADOUX, L. Action du froid artificiel sur les sarments aoûtés de la vigne. Off. Internatl. du Vin. B. 17: 39-52. Mar./Apr. 1944. 390.8 B87
- 1037 LOCKWOOD, L. B., and others. The production and characterization of ultraviolet-induced mutations in *Aspergillus terreus*. III. Biochemical characteristics of the mutations. Amer. J. Bot. 32: 214-217. Apr. 1945. 450 Am36
- K. B. Raper, A. J. Moyer, and R. D. Coghill, joint authors.
- 1038 LOUSTALOT, A. J., and others. Effect of copper and zinc deficiencies on the photosynthetic activity of the foliage of young tung trees. Plant Physiol. 20: 283-288. Apr. 1945. Ref. 450 P692
- F. W. Burrows, S. G. Gilbert, and A. Nason, joint authors.
- 1039 LUTZ, L. Sur les conditions de production des gommes solubles et insolubles. Paris. Acad. des Sci. Compt. Rend. 218: 766-767. May 8, 1944. 505 P21
- Effect of parasitic fungus on solubility of gum exuded from various species of trees.
- 1040 MCAULAY, A. L., PLOMLEY, N. J. B., and FORD, J. M. Saltants produced in the fungus *Chaetomium globosum* by monochromatic ultra-violet irradiation and a growth effect characteristic of wavelength. Austral. J. Expt. Biol. and Med. Sci. 23: 53-57. Mar. 1945. 442.8 Au7
- 1041 MEADER, E. M., DAVIDSON, O. W., and BLAKE, M. A. A method for determining the relative cold hardness of dormant peach fruit buds. J. Agr. Res. 70: 283-302. May 1, 1945. Ref. 1 Ag84J
- 1042 MILLER, J. H., BURTON, M. G., and MANNING, T. A statistical study of the relations between flax fiber numbers and diameters and sizes of stems. J. Agr. Res. 70: 269-281. Apr. 15, 1945. 1 Ag84J



- 1043 MILLIKAN, C. R. Iron deficiency chlorosis of flax. Victoria Dept. Agr. J. 43: 133-134. Mar. 1945. 23 V66J
- 1044 MODLIBOWSKA, I. Pollen tube growth and embryo-sac development in apples and pears. J. Pomol. and Hort. Sci. 21: 57-89. Apr. 1945. Ref. 80 J825
- 1045 MONTALDO, A. Cultivos de embriones en medios alimenticios artificiales. Unión Agr. del Sur 3(16): 16-17. Mar. 1945. 9.3 Un3
- 1046 MUNN, M. T. Soybean sprout production - a germination problem. (Abs.) Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 153-155, processed. 1945. 61.9 As7
- 1047 NEWTON, W., and JONES, W. The fluorescence of frozen potato tuber and apple fruit tissue under ultra-violet light. Canad. J. Res. Sect. C, Bot. Sci. 23: 76-78. Apr. 1945. 470 C16C
- 1048 NUTILE, G. E. Studies on the germination of lettuce seed; inducing dormancy with coumarin. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 120-135, processed. 1945. Ref. 61.9 As7
- 1049 OBATON, F. La réflexion des radiations de grande longueur d'onde par les plantes de haute montagne. Paris. Acad. des Sci. Compt. Rend. 218: 721-723. May 1, 1944. 505 P21
- 1050 PALMA, S. E. Estudio de algunas quimeras vegetales. Inst. Fitotec. de Santa Catalina. An. 4: 75-103. 1943 (pub. 1944). 451 In72A  
English summary.  
Chimeras in Citrus and Ligustrum.
- 1051 PAYETTE, A. Hétérotrophie envers la thiamine de quelques champignons phytopathogènes. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 90. 517 M76
- 1052 PIENIAZEK, S. A. Pre-storage carbon dioxide treatments for control of apple scald. Plant Physiol. 20: 313-314. Apr. 1945. Ref. 450 P692
- 1053 POMERLEAU, R. Notes sur le dépérissement des bouleaux (Betula). (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 92. 517 M76
- 1054 \*POTAPENKO, A. I. A contribution to the problem of photoperiodism physiology. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 45: 84-85. Oct. 20, 1944. 511 P444
- 1055 \*PRASAD, S. Fertilizer effects on the growth and alkaloidal content of *Datura alba* Nees. Indian J. Pharm. 6: 13-22. Jan./June 1944. 396.8 In23
- 1056 \*PRAT, H., and CALVET, E. Sur le dégagement de chaleur manifesté au cours des premiers stades de l'hydratation des graines. Paris. Acad. des Sci. Compt. Rend. 218: 944-945. June 12, 1944. 505 P21
- 1057 \*\*RAMIAH, K., and NATH, B. 'Red leaf' in *G. hirsutum* cotton. Indian Sci. Cong., 31st, Delhi, 1944, Proc. 3: 163.  
Abs. in Plant Breeding Abs. 15: 107. Apr. 1, 1945. 241 Im73
- 1058 REYNEKE, J., and PEARSE, H. L. The relationship between respiration and physical condition of fruit as affected by oil treatments. J. Pomol. and Hort. Sci. 21: 8-27. Apr. 1945. 80 J825  
Experiments with Bon Chrétien pears and Golden Delicious apples.
- 1059 \*RICHTER, A. Photosynthesis and growth-processes in beet (*Beta vulgaris* L.). Acad. des Sci. de l'U. R. S. S. Compt. Rend. 45: 258-260. Nov. 30, 1944. 511 P444  
Table beets and sugar beets both studied.
- 1060 SAMISCH, R. M. The use of dinitrocresol-mineral oil sprays for the control of prolonged rest in apple orchards. J. Pomol. and Hort. Sci. 21: 164-179. Apr. 1945. Ref. 80 J825
- 1061 SANSOME, E. R., DEMEREC, M., and HOLLAENDER, A. Quantitative irradiation experiments with *Neurospora crassa*. I. Experiments with X-ray. Amer. J. Bot. 32: 218-226. Apr. 1945. 450 Am36
- 1062 SCRIPTURE, P. N., and MCHARGUE, J. S. Boron supply in relation to carbohydrate metabolism and distribution in the radish. Amer. Soc. Agron. J. 37: 360-364. May 1945. 4 Am34P
- 1063 \*\*SEN GUPTA, J. C., and SEN, N. R. On photoperiodic effect on jute plants. Indian Sci. Cong., 31st, Delhi, 1944, Proc. 3: 89-90.  
Abs. in Plant Breeding Abs. 15: 108. Apr. 1, 1945. 241 Im73
- 1064 SIMMONS, C. As scientists see "decline" of citrus and avocado. Pacific Rural Press, South Ed. 149: 289. Apr. 28, 1945. 6 P112A
- 1065 SIRCAR, S. M., and PARIJA, B. Vernalization of rice by short days. Nature [London] 155: 395. Mar. 31, 1945. 472 N21
- 1066 SMITH, R. W. Excessive leaf growth in vegetables. Organic Gard. 6(6): 23-24. May 1945. 56.8 Or3
- 1067 SMITH, W. H. Some observations on the ripening of plums by ethylene. J. Pomol. and Hort. Sci. 21: 53-56. Apr. 1945. 80 J825
- 1068 \*SOBOLEVSKAYA, O. J. Rubber formation in roots of kok-saghyz dug under conditions of impeded gas exchange. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 44: 392-395. Sept. 30, 1944. 511 P444
- 1069 SPARKS, W. C. Starter solution and various hormones tested for effect on onion transplants. Colo. Farm B. 7(2): 11-12. Mar./Apr. 1945. 100 C71S
- 1070 \*STÄLFELT, M. G. Granens vattenförbrukning och dess inverkan på vattenomsättningen i marken (The water consumption of spruce). K. Lantbruksakad. Tidskr. 83: 425-505. 1944. Ref. 104 Sw3  
English summary.
- 1071 STOUTEMYER, V. T., CLOSE, A. W., and O'ROURKE, F. L. Rooting greenwood cuttings without sunlight under fluorescent lamps. Science 101: 546. May 25, 1945. 470 Sc12
- 1072 STREETER, C. P. World's strangest garden. Farm J. 69(6): 20-22. June 1945. 6 P2212  
Vegetables for American troops grown in an 80,000-square-foot soilless garden on the volcano, Ascension Island, midway between South America and Africa.
- 1073 \*TAUSSON, W. O. Conditions of formation, development and differentiation of a callus in cuttings of native rubber plants. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 45: 213-216. Nov. 20, 1944. 511 P444
- 1074 THOMAS, J. E., and RIKER, A. J. Sprouting of potatoes inhibited by plant hormones. Amer. Potato J. 22: 104-113. Apr. 1945. Ref. 75.8 P842
- 1075 THOMPSON, W. L., and SITES, J. W. Relationship of solids and ratio to timing of oil sprays on citrus. Citrus Indus. 26(5): 6-8. 14. May 1945. 80 C49
- 1076 THOROLD, C. A. Elgon dieback disease of coffee. East African Agr. J. 10: 198-206. Apr. 1945. 24 Ea714
- 1077 WADSWORTH, C. K. The influence of acids on the respiration of *Saccharomyces cerevisiae*. (Abs.) Mich. U. Microfilm Abs. 6: 13-14. 1945. 241.8 M58
- 1078 WALLACE, T. Diagnosis of mineral deficiencies in crop plants. (Sum.) Nature [London] 155: 444-446. Apr. 14, 1945. 472 N21
- 1079 WALSH, T. Susceptibility of grasses to manganese deficiency. Nature [London] 155: 429-430. Apr. 7, 1945. 472 N21
- 1080 WHITEMAN, T. M., and SCHOMER, H. A. Respiration and internal gas content of injured sweet-potato roots. Plant Physiol. 20: 171-182. Apr. 1945. Ref. 450 P692
- 1081 WITHROW, A. P. The interrelationship of nitrogen supply and photoperiod on the flowering, growth and stem anatomy of certain long and short day plants. Butler U. Bot. Studies 7: 40-64. Apr. 1945. 451 B97
- 1082 WRIGHT, K. E. Aluminum toxicity: micro-chemical tests for inorganically and organically bound phosphorus. Plant Physiol. 20: 310-312. Apr. 1945. Ref. 450 P692



- 1083 ZACKS, M. B. Oats and climate in southern Ontario. *Canad. J. Res. Sect. C, Bot. Sci.* 23: 45-75. Apr. 1945. 470 C16C

## BIOCHEMISTRY

- 1084 ANDRÉ, E., and KOGANE-CHARLES, M. Sur l'existence, dans les graines de colza et d'autres crucifères à huile, de combinaisons organiques sulfurées volatiles directement soluble dans l'éther. *Paris. Acad. des Sci. Compt. Rend.* 218: 850-852. May 22, 1944. 505 P21
- 1085 ANDRÉ, E., and KOGANE-CHARLES, M. Sur une cause d'erreur apportée dans le dosage du crotonyl-sénevol des graines de colza par la présence d'autres composés sulfurés volatils. *Paris. Acad. des Sci. Compt. Rend.* 218: 1002-1004. June 26, 1944. 505 P21
- 1086 BARBERIE, M. A., HOAR, W. S., and MURRAY, M. J. Wild plants as a source of carotene. *Acadian Nat.* 2(5): 28-33. May 1945. 410.9 N42A
- 1087 BASU, N. K. A note on the chemical investigation of *Vitex negundo* L. Part I. *Indian J. Pharm.* 6: 71-73. July/Sept. 1944. 396.8 In23
- 1088 BELIKOV, P. S. A contribution to the problem of rubber formation in the roots of *kok-saghyz*. *Acad. des Sci. de l'U. R. S. S. Compt. Rend.* 45: 209-212. Nov. 20, 1944. 511 P444
- 1089 BELVAL, H. La pourriture visqueuse de la betterave gelée; présence d'une fructosane. *Paris. Acad. des Sci. Compt. Rend.* 218: 854-856. May 22, 1944. 505 P21
- Study of frozen sugar beets.
- 1090 BIASDALE, W. C. The chemistry of the farina produced by certain *Primulas*. *Amer. Primrose Soc. Q.* 2: 54-55. Apr. 1945. 96.575 Am3
- 1091 BOYNTON, D., and PEECH, M. Rapid determination of potassium and magnesium content of apple leaves. *Amer. Soc. Agron. J.* 37: 404-407. May 1945. 4 Am34P
- 1092 BURKHOLDER, P. R., and MCVEIGH, I. The B vitamin content of buds and shoots of some common trees. *Plant Physiol.* 20: 276-282. Apr. 1945. Ref. 450 P692
- 1093 BURKHOLDER, P. R., and MCVEIGH, I. Vitamin content of some mature and germinated legume seeds. *Plant Physiol.* 20: 301-306. Apr. 1945. Ref. 450 P692
- 1094 CLEMENTI, A. Ricerche di embriochimica vegetale. Nota II. La formazione di ammoniaca e di azoto amidico non proteico durante la germogliazione dei semi di *Lupinus albus* in soluzioni saline prive di sali azotati. *Soc. Ital. di Biol. Sper. B.* 19: 129-131. July/Sept. 1944. 442.8 Sol2
- 1095 DEXTER, S. T. The yield and sugar content of alfalfa cut at various times of day and the sugar content of the hay after various methods of drying. *Amer. Soc. Agron. J.* 37: 394-399. May 1945. Ref. 4 Am34P
- 1096 FRAPS, G. S., and FUDGE, J. F. Chemical composition of sixty-four species of range pasture grass grown on a Victoria clay loam soil. *Amer. Soc. Agron. J.* 37: 251-258. Apr. 1945. 4 Am34P
- 1097 HEITZMANN, P. Métabolisme de l'acide caproïque chez le *Penicillium glaucum*. *Paris. Acad. des Sci. Compt. Rend.* 218: 859-860. May 22, 1944. 505 P21
- 1098 LE RICHE, F. J. H. Ascorbic acid content of tomato varieties. *Farming in So. Africa* 20: 105-110. Feb. 1945. 24 So842
- 1099 LUGG, J. W. H., and CLOWES, G. J. Partial amino-acid compositions of the proteins of some legume seeds: the tyrosine, tryptophane, cystine (plus cysteine) and methionine contents. *Austral. J. Expt. Biol. and Med. Sci.* 23: 75-79. Mar. 1945. 442.8 Au7
- 1100 MARAIS, J. S. C. Dicroteline: the toxic alkaloid from *Crotalaria dura* (Wood and Evans) and *Crotalaria globifera* (E. Mey). *Onderstepoort J. Vet. Sci. and Anim. Indus.* 20: 61-65. Sept. 1944. 41.8 Onl

- 1101 MARAIS, J. S. C. Monofluoroacetic acid, the toxic principle of "gifblaar," *Dichapetalum cymosum* (Hook) Engl. *Onderstepoort J. Vet. Sci. and Anim. Indus.* 20: 67-73. Sept. 1944. 41.8 Onl
- 1102 OLSSON, N. The carotene content of forage plants. *Imp. Bur. Pastures and Forage Crops B.* 33, p. 24-33. Mar. 1945. 64.8 Im7
- 1103 RAY, G. K., and others. Examination of Indian rhubarb, *Rheum emodi* Wall. *Indian J. Pharm.* 6: 55-60. July/Sept. 1944. 396.8 In23
- R. C. Guha, A. B. Bose, and B. Mukerji, joint authors.
- 1104 SIZER, I. W., and PROKESCH, C. E. Inactivation of the irritant toxicants of poison ivy and related compounds by tyrosinase. *Science* 101: 517-518. May 18, 1945. 470 Sci2
- Tyrosinase produced by fungi.
- 1105 VERDUCI, P. Appunti di terapia nell'avvelenamento da *Amanita muscaria* e *A. paterina* (nota preventiva). *Soc. Ital. di Biol. Sper. B.* 19: 201-203. July/Sept. 1944. 442.8 Sol2
- Variation of poisonous properties according to habitat, and their location in the fungus.

## SILVICULTURE

- 1106 BEARD, J. S. A silvicultural technique in Trinidad for the rehabilitation of degraded forest. *Caribbean Forester* 6: 1-33. Oct. 1944. 1.9622 T2C23
- Spanish translation, p. 19-32; French résumé, p. 32-33.
- 1107 BULL, H. Diameter growth of southern bot-  
tomland hardwoods. *J. Forestry* 43: 326-327. May 1945. 99.8 F768
- 1108 CARTER, J. E. Report of Conservation and Reforestation Committee [Ontario Horticultural Association]. *Canad. Hort. and Home Mag. Growers' Ed.* 68: 93-94. Apr. 1945. 80 C16
- 1109 CATER, J. C. The silviculture of *Cedrela Mexicana*. *Caribbean Forester* 6: 89-113. Apr. 1945. 1.9622 T2C23
- Spanish translation, p. 100-111; French résumé, p. 111-113.
- 1110 GRAHAM, R. M. Notes on the growing of cypress timber on farms. *East African Agr. J.* 10: 132-139. Jan. 1945. 24 Ea74
- 1111 GUISE, C. H. The University forest plantations. *Cornell Plantations* 1: 43-46. Spring 1945. 409.6 C812
- Report on condition of stands planted in 1912 and later.
- 1112 ISENBURG, I. H. A pulpwood plantation. *Paper Indus. and Paper World* 27: 220. May 1945. 302.8 P1923
- Describes small sample plot at Institute of Paper Chemistry, Appleton, Wis.
- 1113 KITCHINGMAN, G. D. The Punjab irrigated [forest] plantations. *Empire Forestry J.* 23: 115-121. Dec. 1944. 99.8 Em72
- Silvicultural practices and returns.
- 1114 KOSCINSKI, M. E. Silvicultura pratica. *Chacaras e Quintais* 71: 304-306. Mar. 15, 1945. 9.2 C34
- 1115 LEDEBOER, M. S. J. Vegetative propagation of tan wattles [*Acacia decurrens mollis*]. *So. African Forestry J.*, No. 12, p. 29-32. Dec. 1944. 99.9 So82
- 1116 LEEDE, B. E., and co-workers. Twenty years growth on the Peebles tract in the Shawnee State Forest, Scioto County, Ohio. *Natl. Farm Chemurg. Council. Chemurg. Papers* 404, 5 p., processed. Columbus, Ohio, 1945. 381 N213P
- 1117 LIMING, F. G. Natural regeneration of shortleaf pine in the Missouri Ozarks. *J. Forestry* 43: 339-345. May 1945. 99.8 F768
- 1118 LUSSIER, O., and others. Discussion libre sur le reboisement des terrains dénudés et la restauration des lots à bois. *Assoc. Forest. Québécoise. B.* 10: 19-49. 1944. 99.9 As74
- 1119 MAULE, W. L. Seedlings for State forests of West Virginia. *W. Va. Conserv.* 9(2): 19. May 1945. 279.8 W524



- 1120 MINCKLER, L. S. Reforestation in the spruce type in the Southern Appalachians. *J. Forestry* 43: 349-356. May 1945. 99.8 F768
- 1121 NETTLETON, H. I. Reforesting our "afternoon" slopes [in Oregon]. *Green Gold* 2(3): 9. May 1945. 99.8 G822
- 1122 \*ROS, W. Stor efterfrågan på skogsplanter i Skåne. *Lantmannen* 29: 375-376. Apr. 21, 1945. 11 L234

Demand for plants for reforestation in Scania.

- 1123 S., B. N. Planos para o reflorestamento na Grã-Bretanha. *Campo [Rio de Janeiro]* 16(182): 9-11. Feb. 1945. 9.2 C15
- 1124 \*SANTOS CARRAL, J. El árbol en la colonización. *Agricultura [Madrid]* Sup. de Colon., No. 2, p. 68-72. Dec. 1944. 15 Ag84B
- Progress in reforestation in Spain.
- 1125 SCHMIDT, C. F., JR. Corkateer; Charles E. McManus believes this country can and should grow cork oak - and he's backing up this belief by giving away millions of seed and seedlings. *Amer. Forests* 51: 222-224, 253. May 1945. 99.8 F762
- 1126 \*TIMOFEEV, V. 80 let lesnoy opytnoy dachi 80 years of experimental forestry. *Kolkhoz. Proizvod.*, No. 10, p. 27. Oct. 1944. 281.8 K83
- 1127 VESTAL, A. G., and HEERMANS, M. F. Size requirements for reference areas in mixed forest. *Ecology* 26: 122-134. Apr. 1945. 410 Fc7
- 1128 WADSWORTH, F. H. The first year in the Cambalache Experimental Forest [Puerto Rico]. *Caribbean Forester* 6: 34-44. Oct. 1944. 1.9622 T2C23
- Spanish translation, p. 38-43; French résumé, p. 43-44.
- 1129 WADSWORTH, F. H., and GAZTAMIDE, J. B. Forestry in the coffee region of Puerto Rico. *Caribbean Forester* 6: 71-81. Jan. 1945. 1.9622 T2C23
- Spanish translation, p. 75-80; French résumé, p. 80-81.

#### FIELD CROPS

Includes articles on general agronomy and on crop varieties, breeding, cultural practices, and yield.

##### General

- 1130 BELL, G. D. H. Crops and plant breeding. *Roy. Agr. Soc. England. J.* 105: 1-12. 1944. 10 R81
- 1131 COOPER, J. F. Touring north Florida farms. *Prog. Farmer, Ga.-Ala.-Fla. Ed.* 60(5): 12, 56. May 1945. 6 P945G
- Information concerning field crops of region.
- 1132 \*CROSS, W. E. La principal preocupación de la estación experimental agrícola de Tucumán desde su fundación, ha sido la diversificación de cultivos. *Indus. Azucarera* 50: 700-705. Dec. 1944. 65.8 In22
- 1133 DICKEY, J. B. R. Dairy farm rotation held key to profits. *Pa. Grange News* 42(1): 16. Apr. 1945. 6 P38
- 1134 \*NORRGÅRD, A. Så hellre för tidigt än för sent. III. Av jordbrukskonsulent. *Lantmannen* 29: 329. Apr. 7, 1945. 11 L324
- Plant field crops too early rather than too late.
- 1135 PURSER, R. Stepping up yields [of field crops] in Carleton County. *Family Herald and Weekly Star* 76(4): 8. Jan. 24, 1945. 7 F21
- 1136 REITZ, L. P. Naming crop varieties. *Kans. Farmer* 82(10): 3. May 19, 1945. 6 K13
- 1137 SAUCHELLI, V. Crop rotation. *Com. Fert.* 70(5): 18, 40-41. May 1945. 57.8 C73
- 1138 SAUNDERS, A. R. Food production for the present emergency. *Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser.* 89, 2 p. Pretoria, 1945. 24 So82Pa
- 1139 \*ZAGOR, M. Is the sowing of vetch-cereals nay to be considered as mixed cultivation. (In Hebrew.) *Hassadeh* 25: 200-201. Mar. 1945. 26 H27

##### Cereals

- 1140 BRANDON, J. F. Coes sorghum adapted crop for eastern Colorado; may be used to replace corn. *Colo. Farm B.* 7(2): 5-6. Mar./Apr. 1945. 100 C71S

- 1141 BRODELL, A. P., and WALKER, H. R. How the corn crop is harvested. *Agr. Situation* 29(5): 20-23. May 1945. 1 Ec7Ag
- 1142 BROPHY, J. Oats and barley. *Eire Dept. Agr. J.* 41: 300-303. Sept. 1944. 10 Ir2J
- 1143 CABAL MARTINEZ, E. Apreciaciones sobre el cultivo de arroz en el Valle del Rio Cauca. *Colombia. Estac. Agr. Expt. de Palmira. B.* 6, 8 p., processed. Palmira, 1944. 102.5 P18BoL
- 1144 CLARK, J. A. Registration of improved wheat varieties, XVII. *Amer. Soc. Agron. J.* 37: 314-318. Apr. 1945. 4 Am34P
- 1145 CRAIN, O. W. Try some grain sorghum this year. *Prog. Farmer, Car.-Va. Ed.* 60(6): 11. June 1945. 6 P945
- 1146 DERICK, R. A., and HAMILTON, D. G. Shattering in oats. *Sci. Agr.* 25: 426-431. Mar. 1945. 7 Sci2
- Determination of varietal differences in shattering tendencies and their relation to oat breeding.
- 1147 ELLIOTT, H. G. Broom millet [*Sorghum vulgare*]. *West. Austral. Dept. Agr. J. (ser. 2)* 21: 381-387. Dec. 1944. 23 W52J
- Revised from Leaflet 201, by G. K. Baron Hay.
- 1148 ELLIS, F. E. New corn [hybrid] strains need watching. *Family Herald and Weekly Star* 76(11): 5. Mar. 14, 1945. 7 F21
- 1149 ESTRADA, M. Trigos para 1945. *Rev. Mens. B. A. P.* 28(329): 69, 71, 73-77, 79-80. Apr. 1945. 9 R326
- 1150 FRENCH, J. J., and others. Corn hybrids tried for yield and adaptation on dry land. *Colo. Farm B.* 7(2): 12, 14. Mar./Apr. 1945. 100 C71S
- D. W. Robertson, J. F. Brandon, and R. Tucker, joint authors.
- 1151 FRENCH, J. J., ROBERTSON, D. W., and FAUBER, H. Corn hybrids tried for yield and adaptation under irrigation. *Colo. Farm B.* 7(2): 12-13. Mar./Apr. 1945. 100 C71S
- 1152 GROSS, F. C. Turretfield Seed Wheat Farm, the 1943-1944 season. *So. Austral. Dept. Agr. J.* 48: 304-306. Feb. 1945. 23 So84
- 1153 HIGGINS, L. J. Grain varieties for New Hampshire. *New England Homestead* 118(9): 10. May 12, 1945. 6 N442
- 1154 HOVELAND, N. New wheats developed in State, Henry, a spring wheat, and Blackhawk, a winter variety. *Wis. Agr. and Farmer* 72(8): 10-11. Apr. 21, 1945. 6 W751
- 1155 \*HURWITZ, S. Addenda to the problem of close sowing of green maize. (In Hebrew.) *Hassadeh* 25: 121-122. Feb. 1945. 26 H27
- 1156 JODON, N. E. Three new rice varieties from Rice Experiment Station, Crowley, La., made available to growers for trial. *Rice J.* 48(4): 10. Apr. 1945. 59.8 R36
- 1157 KARPEN, R. E. Combine sorghums cause revolution in Southwest agriculture. *South. Seedsman* 8(5): 14, 24, 30-31. May 1945. 61.8 So8
- 1158 KINMAN, M. L., and SPRAGUE, G. F. Relation between number of parental lines and theoretical performance of synthetic varieties of corn. *Amer. Soc. Agron. J.* 37: 341-351. May 1945. 4 Am34P
- 1159 \*KOSTRINSKY, J. Late sowing of winter cereals. (In Hebrew.) *Hassadeh* 25: 169-171. Mar. 1945. 26 H27
- 1160 MCNEELY, M. Arkansas becomes a rice seed center. *Rice J.* 48(4): 3-4, 8. Apr. 1945. 59.8 R36
- 1161 NOVILLO F., E. El cultivo del maíz, selección de la semilla. *Fomento [monthly]* 2(14): 10. Dec. 1944. 8 F734
- 1162 RANKIN, W. H. Utilizing the feed and food producing potentialities of small grains. *Farm for Victory, No.* 17, p. 10-11. Apr. 1945. 281.8 F226
- 1163 RAYMOND, L. C. Ordinary or hybrid varieties of corn--which? *Macdonald Col. J.* 5(8): 8-9. Apr. 1945. 101 M144
- 1164 ROE, J. Grow more corn on fewer acres. *Ohio Farmer* 195(9): 10. May 5, 1945. 6 Oh3



1165 KU, S. K. Comparative studies of indica and japonica rice (*Oryza sativa* L.). Agr. Assoc. China J. 178, p. 1-23, I-IV. Dec. 1944. 22.5 Ag862

In Chinese with English summary.

1166 SANSON, T. K. Wheat; varieties tested at the Plant Breeding Station, Salisbury. Rhodesia Agr. J. 42: 19-20. Jan./Feb. 1945. 24 R34

1167 SHAVER, J. H. Hybrid corn in the Northwest. Natl. Grain J. 29(5): 6, 28-29. Apr. 1945. 298.8 C83

1168 SPRAGUE, G. F. The value of hybrid corn to the Iowa farmer. Iowa Agr. Expt. Sta. Corn Res. Inst. Ann. Rpt. (1943/44) 9: 7-11. 100 Io9

1169 THOMAS, I., and MILLINGTON, A. J. Oat variety trials in the Wheatbelt in 1944. West. Austral. Dept. Agr. J. (ser. 2) 21: 365-371. Dec. 1944. 23 W52J

1170 THROCKMORTON, R. I. Wheat improvement research goals. Northwest. Miller (Milling Prod. Sect.) 222(6): 6a, 8a-9a. May 9, 1945. 298.8 N81

1171 WATLINGTON, J. R. Hybrid corn had to prove itself. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(5): 52. May 1945. 6 P945K

1172 WIIDAKAS, W. Corn hybrid and variety performance in North Dakota. N. Dak. Agr. Expt. Sta. Bimo. B. 7(4): 3-8. Mar./Apr. 1945. 100 N813B

#### Fiber Crops

1173 BAILEY, M. V. Chemistry helps the cotton grower. Chemurg. Digest 4: 132-134. Apr. 15, 1945. 381 N213Na

Aero Defoliant, a chemical applied before harvest.

1174 BAILEY, M. V. Cotton defoliation. Cotton Res. Cong. Proc. (1944) 5: 39-42. 72.9 C825

Use of chemical sprays before harvest.

1175 BUTLER, E. How the Von Roeders grow cotton. Prog. Farmer, Tex. Ed. 60(5): 13. May 1945. 6 T311

1176 COLEMAN, R. Yield and quality of cotton can be improved by boron. Better Crops with Plant Food 29(4): 18-20, 48-50. Apr. 1945. 6 B46

1177 CRANE, J. C., and ACUÑA, J. B. Growth and development of kenaf, *Hibiscus cannabinus* L., with special reference to fiber content of the stems. Amer. Soc. Agron. J. 37: 352-359. May 1945. Ref. 4 Am34P

1178 GALVIS, J. Fibras cultivables en Colombia. Vida Rural 6(67): 29. Feb. 1945. 9.4 V66

1179 GOBBATO, C. A rami. Chacaras e Quintais 71: 348-350. Mar. 15, 1945. 9.2 C34

1180 GUBIN, A. F. Cross pollination of fibre flax. Bee World 26: 30-31. Apr. 1945. 424.8 B399

Honeybees as pollinating agents.

1181 \*HUERTA, A. DE LA. El henequén (su cultivo en la zona subtropical de la Península Ibérica). Spain. Inst. Nac. de Invest. Agron. B. 11, p. 317-355. Madrid, 1944. 105.6 Spl4

1182 MARTINS, C. Instruções práticas sobre a cultura do algodoeiro. Rev. do Algodão 10(97): 27-29. Feb. 1945. 72.8 R322

1183 NIVEN, L. A. Louisiana Agricultural Experiment Station; tests with cotton varieties. Prog. Farmer, Miss.-Ark.-La. Ed. 60(6): 5. June 1945. 6 So81

#### Forage Crops and Grasses

1184 AHLGREN, G. H., and COX, H. R. More about better pastures. N. J. Farm and Gard. 16(5): 26-28. May 1945. 6 G162

1185 ANDERSEN, A. M. Germination of freshly harvested seed of western grown Astoria bentgrass. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 138-146, processed. 1945. 61.9 As7

1186 ANDRADE, B. M. DE. Pastagens. IV. Degradação das pastagens e métodos de melhoramento. Rev. dos Criadores 16(3): 22-24. Mar. 1945. 43.8 R32

1187 ARAMBARRI, D. Métodos de mejoramiento de la alfalfa. Agrario 9(358): 9-10. Mar. 29, 1945. 9.3 Ag85

1188 ARNY, A. C. More milk from permanent pastures. Hoard's Dairyman 90: 230, 250. Apr. 25, 1945. 44.8 H65

Pasture management.

1189 BAIL, H. K. Range reseeding in McKinley County. N. Mex. Agr. Col. Ext. News 25(4): 6. Apr. 1945. 275.29 N463EX

1190 \*BLOMQUIST, A. Vallinsädd och frömängd; erfarenheter från praktiken [Pasture seeding and seed quantity; practical experiences]. Lantmannen 28: 204. Mar. 4, 1944. 11 L234

1191 BOSMAN, F. H. Some facts for the lucerne grower. Rhodesia Agr. J. 42: 22-23. Jan./Feb. 1945. 24 R34

1192 BOYLE, R. V. Arizona's wonder grass. Soil Conserv. 10: 244-246, 249. May 1945. 1.6 So3S

Lehmann lovegrass.

1193 BROWN, B. A., and MUNSELL, R. I. An evaluation of Kentucky bluegrass. Amer. Soc. Agron. J. 37: 259-267. Apr. 1945. 4 Am34P

1194 BROWN, E. O. Problems in testing seed stocks of buffalo grass. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 155-158, processed. 1945. 61.9 As7

1195 BUTLER, E. Six hundred acres of vetch for seed. Prog. Farmer, Tex. Ed. 60(6): 10. June 1945. 6 T311

1196 CASTAÑEDA VEGA, R. El algarrobo [Prosopis] como forestal forrajera. Vinos, Viñas y Frutas 40: 337-340. Mar. 1945. 9 Ag89

1197 CLARK, I. Variability in growth characteristics of forage plants on summer range in central Utah. J. Forestry 43: 273-283. Apr. 1945. 99.8 F768

10 species of grasses and broadleaf herbs studied.

1198 COOK, L. J. Dairy pasture production at Yahl, Mount Gambier. So. Austral. Dept. Agr. J. 48: 285-287. Feb. 1945. 23 So84

1199 COOPER, J. F. Sweet lupines; new non-toxic varieties, for winter graze and plow under. South. Seedsman 8(5): 11, 46. May 1945. 61.8 So8

1200 COSTELLO, D. F. Know your range grasses and plants. Mulsears wyethia (*Wyethia amplexicaulis*). Westerner 8(3, i.e.4): 22-24. May 1945. 49 W522

1201 CULLEN, W. Greedy grazing. Farmers Weekly [London] 22(20): 27. May 18, 1945. 10 F2226

1202 CYRUS, W. F. Tualatin, tall meadow oat-grass. Seed World 57(10): 38. May 18, 1945. 61.8 Se52

1203 DAVIES, W. Two grassland problems. Roy. Agr. Soc. England. J. 105: 115-124. 1944. 10 R81

I. Summer and winter grass; II. The re-seeding of enclosed hill farms.

1204 DENNISON, W. Ontario may boost alsike [clover] seed production. Canad. Bee J. 53: 23. Feb. 1945. 424.8 C16

1205 \*DIMIDIANO, A. Sudan grass as non-irrigated crop. (In Hebrew.) Hassadeh 25: 174-175. Mar. 1945. 26 H27

1206 EARDLEY, C. M. Tree-legumes for fodder. So. Austral. Dept. Agr. J. 48: 342-345. Mar. 1945. 23 So83

1207 ELLIOTT, H. G. Cow peas (*Dolichos sinensis*); cultivation and utilisation. West. Austral. Dept. Agr. J. (ser. 2) 21: 376-379. Dec. 1944. 23 W52J

Revised from Leaflet 386, by G. K. Baron Hay.

1208 ELLIS, F. E. Cows like mixed pasture. Family Herald and Weekly Star 76(1): 9. Jan. 3, 1945. 7 F21

1209 ELLISON, W. The productivity of improved upland grazings. Gt. Brit. Min. Agr. Agriculture 52: 58-63. May 1945. 10 G79J

1210 EVANS, J. B. Lucerne growing. So. Austral. Dept. Agr. J. 48: 362-363. Mar. 1945. 23 So83

1211 FUELLEMAN, R. F., and BURLISON, W. L. Pasture takes its place as a crop. Philfarmer, second quart. 1945, p. 1-2, 5. 6 P53



- 1212 GATTONI, L. Algunos datos sobre el cultivo de alfalfa. Honduras Agr. 1(6): 4. Apr. 1, 1945. 8 H753
- 1213 GORMAN, M. J. Emergency leys. Eire. Dept. Agr. J. 41: 304-308. Sept. 1944. 10 Ir2J
- 1214 HADLINGTON, E. Keep within limit of safety; monthly sowings to ensure green feed continuity. Farmer and Settler 40(6): 14. Mar. 9, 1945. 23 F226
- 1215 HAMPSON, E. K. More legumes needed in Ontario. Farmer's Advocate and Home Mag. 80: 340. May 10, 1945. 7 F22
- 1216 HARLAND, S. C. Problemas de la Alta Sierra. Vida Agr. 22(254): 71-76. Jan. 1945. 9.8 V66
- Pasture management in Peru.
- 1217 HOFFMAN, W. H., JR. Dry land pastures. Thoroughbred 4(12/13): 13, 44, 49. Apr./May 1945. 42.8 T393
- 1218 HOLT, D. H. Root crops excel in the North. Stock & Dairy Farmer 34(9): 4. May 1945. 6 NB195
- 1219 HUMBERT, J., and DASMANN, W. Range management--a restatement of definitions and objectives. J. Forestry 43: 263-264. Apr. 1945. 99.8 F768
- 1220 HYDE, E. O. C. Ryegrass seed; pre-harvest examination for blind-seed disease and estimation of germinating capacity. New Zeal. J. Agr. 70: 271-276. Mar. 15, 1945. 23 N48J
- 1221 INGHAM, A. G. Pasture maintenance. Land Columbus, Ohio, 4: 189-192. Spring 1945. 279.8 L22
- 1222 JULÉN, G. Trials with timothy in Sweden. Imp. Bur. Pastures and Forage Crops. B. 33, p. 20-24. Mar. 1945. 64.8 Im7
- 1223 LASSETTER, W. C. What is it and where's the catch? Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(6): 5. June 1945. 6 P945K
- New fescue, similar to Alta fescue, in Kentucky.
- New fescue tested in Kentucky.
- 1224 LÜBBE, H. Utilidades das mucunas. Chacaras e Quintais 71: 359-360, 362. Mar. 15, 1945. 9.2 C34
- 1225 \*MED god skötsel följer ökad skörd och därmed ökad odling; en rundfråga angående odlingen av foderrotfrukter. A questionnaire on the cultivation of root crops for feed in Sweden. Lantmannen 29: 343-345, 350, 369-370. Apr. 14, 21, 1945. 11 L324
- Contributions by R. Bröme, T. Secher, F. Stromblad, G. Knutsson, A. Zachrisson, and C. A. Olshammar.
- 1226 MEDLOCK, O. C. Lespedeza sericea, a valuable grazing plant. This Month in Rural Ala., May 3, 1945, p. 2. 6 T34
- 1227 MOORE, C. W. E., and SHARP, L. Note on the establishment of Phalaris tuberosa in 1944 at Canberra, A. C. T. Austral. Council Sci. and Indus. Res. J. 18: 47. Feb. 1945. 514 Au72J
- 1228 MUELLO, A. C. Las tunas sin espinas; un forraje de emergencia. Pampa Argentina 18(200): 18. Apr. 1944. 9 P19
- 1229 NILSSON-LEISSNER, G. Trials with red clover strains in Scania, Sweden. Imp. Bur. Pastures and Forage Crops. B. 33, p. 7-12. Mar. 1945. 64.8 Im7
- 1230 NIXON, W. M. Where in Texas and Oklahoma to plant kudzu. Prog. Farmer, Tex. Ed. 60(5): 26. May 1945. 6 T311
- 1231 NORTH CANTERBURY, NEW ZEALAND, CATCHMENT BOARD. Burning practice on tussock grassland. Canterbury Chamber Com. Agr. B. 189, 4 p. Christchurch, New Zeal., 1945. 23 C162
- 1232 OBREGÓN B., R. Como se hace aumentar la producción de leguminosas como frijol, arveja, alfalfa, etc. Colombia. Min. de la Econ. Nac., Agricultura 16: 1194-1196. 1944. 9.4 In22
- 1233 OLIVERA, L. T. Una planta substituta del maíz. Campo [Guadalajara], Feb. 1945, p. 23-26. 8 G76
- Sorghum grown for feed.
- 1234 PECHANEC, J. F., and HULL, A. C. Spring forage lost through cheatgrass fires. Natl. Wool Grower 35(4): 13. Apr. 1945. 45.8 N21N
- 1235 RAPPE, G. Seasonal variations in the growth of pastures in Sweden. Imp. Bur. Pastures and Forage Crops. B. 33, p. 13-20. Mar. 1945. 64.8 Im7
- 1236 \*REISS, E. Sudan grass. (In Hebrew.) Hassadeh 25: 171-174. Mar. 1945. 26 H27
- 1237 REYNOLDS, E. B., and FREEDMAN, R. Freezing dormant Hubam clover; seeds may cause earlier flowering, heavier stand, higher yield. South. Seedsman 8(5): 12. May 1945. 61.8 So8
- 1238 ROGERS, T. H. Grain sorghum is a good feed crop for late planting. This Month in Rural Ala., May 3, 1945, p. 6. 6 T34
- 1239 SHAW, F. Range reseeding means new pastures for McKinley County livestock growers. N. Mex. Stockman 10(4): 34. Apr. 1945. 49 N462
- 1240 SMITH, J. E., JR. Outlook improves for buffalo grass. Soil Conserv. 10: 247-249. May 1945. 1.6 So3S
- 1241 SNELL, N. Reseeding pastures in West Suffolk. Gt. Brit. Min. Agr. Agriculture 52: 64-66. May 1945. 10 G79J
- 1242 SOBRERO, L. R. Importancia de la alfalfa como forrajera. Necesidad de prevenirse contra el ataque de la cuscuta. Bolsa de Com., Rosario. Rev. 33(797): 11-14, 16. Mar. 31, 1945. 267 R71
- 1243 SPRAGUE, V. G., and MYERS, W. M. A comparative study of methods for determining yields of Kentucky bluegrass and white clover when grown in association. Amer. Soc. Agron. J. 37: 370-377. May 1945. Ref. 4 Am34P
- 1244 STAPLES, R. R. Bush control and deferred grazing as measures to improve pastures. Part I. East African Agr. J. 10: 217-222. Apr. 1945. 24 Ea74
- 1245 STAPLES, R. R. Veld burning. Rhodesia Agr. J. 42: 44-52. Jan./Feb. 1945. 24 R34
- 1246 STUDEVANT, J. H. Sweet clover fundamentals. Beekeepers Item 29: 128-130. Apr. 1945. 424.8 B397
- 1247 SYME, P. S. Make the most of grass growth. New Zeal. J. Agr. 70: 289, 291-293. Mar. 15, 1945. 23 N48J
- 1248 TAYLOR, C. R. Swede-cocksfoot-red clover association in Rotorua district. New Zeal. J. Agr. 70: 249, 251. Mar. 15, 1945. 23 N48J
- 1249 THOMAS, N. J. Pastures feed mankind. Family Herald and Weekly Star 76(20): 14. May 16, 1945. 7 F21
- 1250 TONTZ, C. Let's lobby for legumes of benefit to both farmer and beekeeper. Gleanings Bee Cult. 73: 249-250. June 1945. 424.8 G47
- 1251 VAN VUREN, J. P. J. Paspalum dilatatum for autumn pasture. Farming in So. Africa 20: 31-32, 40. Jan. 1945. 24 So842
- 1252 WATKINS, J. M. Lablab [Dolichos lablab] para todos los usos. Hacienda 40: 238-239. May 1945. 6 H11
- 1253 WEBB, C. G. Native trees and shrubs as feed for stock. Victoria. Dept. Agr. J. 43: 101-107. Mar. 1945. 23 V66J
- 1254 WHITEMAN, R. Permanent pastures for Manitoba farms. Manitoba Co-op. 2(19): 11; (20): 6. May 1, 15, 1945. 280.28 M31
- 1255 WHITTET, J. N. Encouragement of clovers in pastures. Seed and Nursery Trader 43(3): 7. Mar. 20, 1945. 80 Au72
- 1256 WHITTET, J. N. Pasture improvement in south coast districts; winter-growing mixtures and renovation methods. Agr. Gaz. N. S. Wales 56: 101-104. (Concl.) Mar. 1, 1945. 23 N472
- 1257 YOUNG, M. L. Farmers helped to improve pastures. Family Herald and Weekly Star 76(2): 8. Jan. 10, 1945. 7 F21
- 1258 YOUNG, M. L. Try our new pasture mix. Family Herald and Weekly Star 76(18): 6. May 2, 1945. 7 F21

# Oil Crops

- 1259 DE HOSSZU, M. Linseed. N. F. U. Rec. 23: 157. May 1945. 281.8 N21



1260 EL-CHAZLI, R., and CANAAN, C. La culture du soja en Egypte. Egypte Agr. 42: 217-220. Sept./Oct. 1944. 24 Un32

1261 GOETTLER, B. Prairie wealth comes from Woodworth's new soybeans. Prairie Farmer, Gen. Ed. 117(10): 14. May 12, 1945. 6 P883

1262 LEAVITT, E. T. The soybean comes of age. Tractor Farming 28(1): 14, 22. 1945. 58.8 T672

1263 MCVICKAR, M. H. The soybean---its new importance in Virginia. Soybean Digest 5(7): 8, 22. May 1945. 60.38 So9

1264 MELVILLE-NESS, T. R. Sunflowers in the limelight. Family Herald and Weekly Star 76(16): 7. Apr. 18, 1944. 7 F21

1265 NEVENS, W. B. Soybeans valuable in summer pastures. Soybean Digest 5(7): 9. May 1945. 60.38 So9

1266 \*NICOLAISEN. Möglichst hohe oelfruchternte. Nationalsoz. Landpost, Apr. 6, 1945, p. 1. 18 N212

1267 OLIVER, R. S. Nine ways to grow more peanuts per acre. Peanut J. and Nut World 24(7): 34. May 1945. 77.8 P313

1268 RICKARD, J. A. Uncle Sam asked for flax [seed]. Farm and Ranch 64(5): 1, 32. May 1945. 6 T31

1269 \*SABNIS, T. S., and MEHTA, T. R. Improvement of linseed in the United Provinces. Indian Farming 5: 224-226. May 1944. 22 In283

1270 STOA, T. E. Sheyenne--a new variety of flax. N. Dak. Agr. Expt. Sta. Bimo. B. 7(4): 17. Mar./Apr. 1945. 100 N813B

1271 W., S. B. Grow sunflowers for your poultry. Pop. Gard. 47: 52. Apr. 21, 1945. 80 G1622

#### Sugar Crops

1272 CAMINHA FILHO, A. A cana de açúcar na Bahia. Bahia (State) Inst. Cent. de Fomento Econ. B. 15, 119 p. Bahia, 1944. 9.2 B143

1273 D., H. H. Expectation of life of Co. 281 cane. So. African Sugar J. 29: 15. Jan. 1945. 65.8 So8

1274 DETHING, G. W. Stands and yields; relative yields of reduced stands of sugar beets planted at a normal date and of replanted sugar beets. Through the Leaves 33(2): 21-27. Mar./Apr. 1945. 66.8 T41

1275 EVANS, E. H. Sugar bowl--a modern Alladin's lamp. Nature Mag. 38: 233-236. May 1945. 409.6 N214

Sugarcane growing and products.

1276 GLAVIN, J. J. Sugar beet. Eire. Dept. Agr. J. 41: 309-312. Sept. 1944. 10 Ir2J

1277 LAMOUREUX, J. A. La culture de la betterave à sucre. Terre de Chez Nous 17(29): 11, 21. Apr. 18, 1945. 7 T27

1278 McMARTIN, A. Germination and yield in sugarcane agriculture; a case for disinfection and protection of cuttings. So. African Sugar J. 29: 21. Jan. 1945. 65.8 So8

1279 RAMOS NÚÑEZ, G. La caña de azúcar. Apuntes sobre el cultivo de esta planta. III-IV. Rev. Agr. y Canad. 8(88): 7-8; (89): 24-25. 27. Oct./Nov., Dec. 1944. 9.4 R327

1280 REEVE, P. A. Coated-seed field tests are result of seed improvement policy. Sugar Beet J. 10: 97-98. May 1945. 66.8 Su38

1281 ZENDEJAZ, L. La caña de azúcar. Reportazo gráfico. Cosecha, Guadalajara, No. 3, p. 34-41. Apr. 15, 1945. 8 C824

Photographic report on sugarcane in Mexico.

#### Tobacco

1282 \*ALCARAZ MIRA, E., and TAMAYO, A. I. Obtención de plantas tetraploides de N. rústica y N. tabacum mediante la colchicina. Spain. Inst. Nac. de Invest. Agron. B. 11, p. 49-87. Madrid, 1944. 105.6 Spl4

English summary.

1283 \*ALCARAZ MIRA, E. Obtención de razas de tabaco resistentes al mosaico ordinario. Spain. Inst. Nac. de Invest. Agron. B. 11, p. 89-120. Madrid, 1944. 105.6 Spl4

1284 HUNT, R. A full stand [of tobacco] means fuller profits. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(5): 12. May 1945. 6 P945K

1285 HUNT, R. Quality--the first aim in 1945 burley production. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(6): 11. June 1945. 6 P945K

1286 SPRANGER, N. D. Growing and curing flue-cured tobacco in Central Province, Kenya. East African Agr. J. 10: 140-146. Jan. 1945. 24 Ea74

1287 VAUGHN, E. C. Methods of germinating tobacco seed; preliminary tests comparing regular method with revised method of germination. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 136-138, processed. 1945. 61.9 As7

#### HORTICULTURAL CROPS

Includes articles on general horticulture, and on varieties, breeding, cultural practices, and yield.

#### General

1288 ANDERSON, J. Botany for the gardener; climbing plants. Organic Gard. 6(6): 25-27. May 1945. 56.8 Or3

1289 DAVIS, M. B., and PHILLIPS, W. R. Varieties of fruits and vegetables for freezing. Canad. Hort. & Home Mag. Growers' Ed. 68(5): 123. May 1945. 80 G16

Also in Canad. Hort. & Home Mag. Floral Ed. 68(5): 123. May 1945. 80 G16F

Continuation of article with title: The future of the frozen fruit and vegetable industry (Bibliog. Agr., v. 6, No. 5, item 22610, May 1945).

1290 FOOTE, N. H. Small fruits and dwarf trees. Hort. Soc. N. Y., Monthly B. 16(3/4): 14-16. Mar./Apr. 1945. 81 N482M

1291 GILLIAM, C. E. Virginia Algonkian gardening--I-II. Gard. Gossip 20(5): 5-6, 19: (6): 6-7, 17-18. May, June 1945. 80 G1625

1292 JACOBS, M. R. An ornamental vegetable [pokeberry]. Horticulture 23: 260. May 15, 1945. 80 H787

1293 MCHATTON, T. H., KEENER, R. L., and BOWDEN, R. A. Opportunities in horticulture. Ga. Agr. 36(7): 9-12. Apr. 1945. 276.8 G29

Vocational agriculture in Georgia.

1294 OTALORA, A. Injerto de escudo. Vida Rural 6(68): 7-8. Mar. 1945. 9.4 V66

1295 SECKMAN, M. C. How to set out nursery plants. Home Gard. 5(5): 24-25. May 1945. 80 H756

1296 TIEMANN, O. R. Sowing seeds on sphagnum moss. Back to Eden 11(10): 2. May 1945. 80 B12

1297 WADE, H. S. How good a gardener are you? House Beautiful 87(6): 56-57. June 1945. 296.8 H81

1298 YOUNG, M. L. Experimenting with fruit. Family Herald and Weekly Star 76(19): 3, 4. May 9, 1945. 7 F21

Fruit and vegetable experiments at Provincial Horticultural Experiment Station, Vineland, Ontario.

#### Fruits--General

1299 ALBRIGHT, W. D. First fruits at [Dominion Experimental Station] Beaverlodge [Alberta]. Family Herald and Weekly Star 76(1): 6. Jan. 3, 1945. 7 F21

1300 AROEIRA, J. S. A enxertia na propagação de plantas frutíferas. IV. Ceres [Viçosa], 6(31): 22-43. Sept./Oct. 1944. 9.2 C332

1301 BARBINI, M. E. Fruticultura. Temas generales. Rev. Mens. B. A. P. 28(325): 73, 75-78. Dec. 1944. 9 R326

1302 \*HERSCOVITCH, E. Seasonal directions regarding orchards. (In Hebrew.) Hassadeh 25: 179. Mar. 1945. 26 H27

1303 KROH, G. K. Fruits for Colorado. Green Thumb 2(2): 2, 23-24. Mar. 1945. 80 G82

1304 MAGNESS, J. R. Fruit growing in the post-war period. N. Y. State Hort. Soc. Proc. (1945) 90: 272-279. 81 N484



1305 MARINO, E. Posibles causas de la improductibilidad de ciertas plantas frutales. Rev. Agr. y Ganad. 8(88): 14-15, 28. Oct./Nov. 1944. 9.4 R327

1306 \*NATIVIDADE, J. V. Fruticultura intensiva. Portugal. Junta Nac. das Frutas. B. 4(7): 3-8. July 1944. 286.3939 P83

1307 NELSON, R. C. Observaciones despues de la cosecha. Rev. Mens. B. A. P. 28(329): 59-63. Apr. 1945. 9 R326

Fruit culture in Argentina.

1308 RIVERO, M. J. Elección de los frutales que deben cultivarse. Colombia. Min. de la Econ. Nac. Agricultura 16: 1220-1223. 1944. 9.4 In22

1309 \*SCHMID, G. Der gemischte obst- und weinbaubetrieb in der schweizerischen landwirtschaft. Schweiz. Z. f. Obst- u. Weinbau 1945: 26-29. Mar. 3, 1945. 80 Sch9

1310 TOMALIN, T. E. Fruit trees need special attention now. Pop. Gard. 47: 74. May 5, 1945. 80 G1622

#### Fruits--Citrus and Subtropical

1311 AMOS, E. R., and BARANAO, J. A. Poda de formación de plantas cítricas. Corp. Frutícola Argentina Rev. Ofic. 11(122): 13-14. Feb. 28, 1945. 83 C81

1312 RAIN, F. M. A brief account of the results of the citrus experiments at St. Augustine Station. Trinidad and Tobago, Agr. Soc. Proc. 44: 255-257, 259, 261, 263-276. (To be cont.) Dec. 1944. 8 T73

1313 CARNEVALE, J. A. El cuidado de los frutales. XXIII. Pampa Argentina 19(211): 14. Mar. 1945. 9 P19

Pruning subtropical fruits.

1314 COSENTINO, J. A. Cultivo artificial del anana. Vinos, Viñas y Frutas 40: 341. Mar. 1945. 9 Ag89

1315 EGGERS, E. R. Selecting and planting avocado trees. Calavo News 19(1): 11. Apr. 1945. 280.28 C12

1316 ELLIS, M. K. Pomegranates for pin-money. Calif. Cult. 92: 260. May 12, 1945. 6 C12

1317 FINCH, A. H. Summer handling of desert grapefruit orchards. Calif. Citrog. 30: 210-212. May 1945. 80 C125

1318 FLORY, V. Quelques données techniques sur le manguier. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 1: 64-69. (Concl.) Nov. 1944. 8 R327

1319 FOX, F. G. Pruning citrus trees. So. Austral. Dept. Agr. J. 48: 315-317. Feb. 1945. 23 So84

1320 \*GOOR, A. The fig tree. (In Hebrew.) Hassadeh 25: 179-182. Mar. 1945. 26 H27

1321 GUTIÉRREZ C., J. J. Estudio sobre el cultivo de la piña. Agr. Costarricense 3: 62-68, 128-132. Feb., Mar. 1945. 8 Ag895

1322 LEON, A. Cultivo de la papaya. Fomento [monthly] 2(15): 13, 23. Jan. 1945. 8 F734

1323 MALDONADO BARRIOS, E. La poda del naranjo. Árboles 2: 149-151. Jan. 1945. 99.8 Ar16

From El Colombiano, Dec. 7, 1944.

1324 MARIN, L. El cocotero. Fomento [monthly] 2(14): 4, 21, 23-24. Dec. 1944. 8 F734

1325 MARINO M., E. Catálogo general de las especies y variedades frutales propagadas para la distribución. Colombia. Estac. Agr. Expt. de Palmira. B. 7, 16 p., processed. Palmira, 1944. 102.5 P18BoL

1326 MOORE, L. A. L. Citrus growing in the Cook Islands. Orchardist New Zeal. 18(4): 4-5. Apr. 5, 1945. 80 Or19

1327 MR., A. La chayotte [Sesquium edule]. Petit Casablancais 31(1208): 4. Apr. 14, 1945. 280.8 P44

1328 \*OFFENHEIMER, H. Summaries about tropical and subtropical fruit trees in 1942/43 and 1943/44. (In Hebrew.) Hassadeh 25: 129-131, 184-186. Feb., Mar. 1945. 26 H27

1329 POUND, F. J. Can you plant a cacao tree? Trinidad and Tobago, Agr. Soc. Proc. 44: 239, 241. Dec. 1944. 8 T73

1330 RIVERO, M. J. Algunas consideraciones sobre las plantaciones de papayo. Árboles 2: 148. Jan. 1945. 99.8 Ar16

From El Tiempo, Dec. 22, 1944.

1331 \*SIMHA. Experience in growing and pruning of dattier de Beirut. (In Hebrew.) Hassadeh 25: 131-133. Feb. 1945. 26 H27

1332 U. S. PATENT OFFICE. Plant patent 657. Cornell, T. Orange tree. 1 p., 1 pl. Patented Apr. 17, 1945. 156.65 P69

1333 UPHOF, J. C. T. La ponderosa, una imprudente variedad de zapotilla [Achras zapota]. Hacienda 40: 247. May 1945. 6 H11

1334 WHITNEY, D. J. Solutions of citrus [culture] problems demonstrated. Calif. Cult. 92: 250, 259. May 12, 1945. 6 C12

#### Fruits--Deciduous

1335 BAKER, C. G. The Lorette system of fruit growing and pruning. Gard. Chron. 117: 207. May 12, 1945. 80 G162

1336 BEAKBANE, A. B. The intensive culture of hardy fruit trees. I. Trials of Cox's Orange pippin and Worcester Pearmain apple cordons. J. Pomol. and Hort. Sci. 21: 41-52. Apr. 1945. 80 J825

1337 BEALS LARA, A. Ciruelas destinadas a deshidratación. Agrario 9(355): 12. Feb. 15, 1945. 9.3 Ag85

1338 BERGESON, M. New fruits in Polk County. Minn. Fruit Grower 12(2): 6. Apr. 1945. 80 M66

1339 BLIGH, R. D. L. The successful fruit grower. (Abs.) Canad. Hort. & Home Mag. Growers' Ed. 68(5): 119-120. May 1945. 80 C16

1340 BOYNTON, D. Bushels versus color [of apples]. Amer. Fruit Grower 65(5): 11, 24-25. May 1945. 80 G85

1341 BRIERLEY, W. G. Clustering habit in Wealthy, Haralson and Minjon apples. Minn. Hort. 73: 74-75. May 1945. 81 M66

1342 BRIERLEY, W. G. Elgetol as a blossom spray for apples. Minn. Fruit Grower 12(2): 3. Apr. 1945. 80 M66

1343 DE WET, A. F. One reason for low yields of apple trees. Farming in So. Africa 20: 81-83. Feb. 1945. 24 So842

Lack of proper pollination.

1344 DUTTON, W. C. Chemicals for thinning apples. Mich. State Hort. Soc. Ann. Rpt. (1944) 74: 59-61. 1945. 81 M58

1345 ELDER, C. R. Dwarf apple trees. Successful Farming 43(5): 26-28. May 1945. 6 Sul2

1346 F., H. The medlar; an ancient fruit that is little grown in English gardens to-day. Gard. Illus. 64: 573, 576. May 1945. 80 G169

1347 FERNANDEZ, F. El cultivo del peral en Calamuchita. Corp. Frutícola Argentina. Rev. Ofic. 11(122): 19-23. Feb. 28, 1945. 83 C81

1348 FOOTE, C. P. Successful grafting of apple trees. Marit. Farmer and Co-op. Dairyman 50(15): 5. May 1, 1945. 7 C77

1349 FRASER, H. The re-grafting of fruit trees. Gard. Illus. 64: 574. May 1945. 80 G169

1350 GARDNER, V. R. Thinning apples by means of a new oil wax emulsion applied as a spray at blossoming time. Mich. State Hort. Soc. Ann. Rpt. (1944) 74: 113-114. 1945. 81 M58

1351 HOFFMAN, M. B. Blossom sprays for regulating the crop of apples and peaches. N. Y. State Hort. Proc. (1945) 90: 71-75. 81 N484

1352 HUNT, E. M., and BRIERLEY, W. G. Does it pay to thin apples? Minn. Fruit Grower 12(3): 3, 6, 16. May 1945. 80 M66

1353 JOHNSTON, S. The peach variety situation. Natl. Peach Council. Peach Ann. 1945: 13, 15. 281.3939 N21

1354 JUDKINS, W. P. Will we grow more peaches? Ohio Farmer 195(10): 8. May 19, 1945. 6 Oh3

1355 KENWORTHY, A. L. Thinning apples and peaches with Elgetol. Peninsula Hort. Soc. Trans. (1944) 58: 68-70. 81 P37



1356 \*KOEHL, F. Der stand und die aufgabe der apfelsortenzüchtungen in der Schweiz. Schweiz. Z. f. Obst- u. Weinbau 1945:6-10. Jan. 6, 1945. 80 Sch9

1357 MARSH, R. S. Peaches as the consumer wants them. East. Fruit Grower 8(2): 8, 12, 21. Apr. 1945. 80 Ea73

1358 MURRAY, H. R. Progress report on apple varieties for Quebec Province. Canad. Hort. & Home Mag. Growers' Ed. 68(5): 121-122. May 1945. 80 Cl6

1359 \*PICAZA, J. El cultivo del manzano. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 36, No. 27, 16 p. Madrid, 1944. 15 H68

1360 REBOUR, H. Variétés de pêcher pour le marché local. Fruits et Primeurs de l'Afrique du Nord. Ed. Maroc. 15: 57-58. Mar. 1945. 80 F9482

1361 \*REIMER, C. Nya metoder vid omförrädlings av fruktträd [New methods of breeding fruit trees]. Försök och Föreläsning 2: 44-46. Mar. 1945. 11 F77

1362 RILEY, L. Rejuvenate those fruit trees. Canad. Hort. & Home Mag. Growers' Ed. 68: 100. Apr. 1945. 80 Cl6

Also in Canad. Hort. & Home Mag. Floral Ed. 68: 100. Apr. 1945. 80 Cl6F

1363 ROSBOROUGH, J. F. Not so many--but tastier fruits [if thinned]. Farm and Ranch 64(5): 20. May 1945. 6 T31

1364 S., C. R. Notching and ringing [fruit trees] encourage fruitfulness. Pop. Gard. 47: 58. Apr. 21, 1945. 80 GL622

1365 S., H. F. Grafting time for fruit trees. Pop. Gard. 47: 50. Apr. 14, 1945. 80 GL622

1366 SOUTHWICK, L. Apples on Malling stock. New England Homestead 118(9): 2-3. May 12, 1945. 6 N442

1367 \*SPRENG, H. Rückblick und ausblick auf dem gebiete des obstbaues. Schweiz. Z. f. Obst- u. Weinbau 1945: 3-6. Jan. 6, 1945. 80 Sch9

1368 STEWART, G. A. Fruit without cultivation. Country Guide 64(5): 36. May 1945. 7 G76

1369 STUART, E. Dwarfing standard apple trees. N. Y. State Hort. Soc. Proc. (1945) 90: 225-230. 81 N484

1370 UPSEALL, W. H. Pruning the tree fruits. Ontario. Dept. Agr. B. 392, rev., 23 p. Toronto, 1945. 101-On8B

1371 WELLINGTON, R. Notes on new varieties of apples. N. Y. State Hort. Soc. Proc. (1945) 90: 232-236. 81 N484

1372 WELLINGTON, R. Notes on newer varieties of tree fruits. N. Y. State Hort. Soc. Proc. (1945) 90: 81-85. 81 N484

1373 WELLINGTON, R. Trends in varieties and culture of cherries, pears and peaches. N. Y. State Hort. Soc. Proc. (1945) 90: 249-257. 81 N484

1374 WHITEHEAD, S. B. Spring spraying in the orchard. Field 185: 295. Mar. 24, 1945. 10 F45

#### Fruits--Small

1375 ATWATER, H. Cultivated blueberries. Amer. Nurseryman 81(10): 9-10. May 15, 1945. 80 Am371

1376 DARROW, G. M. Varieties of berries for canning and freezing. South. Canner & Packer 6(4): 8-11. Apr. 16, 1945. 389.8 So82

1377 FLOOR, J., and ROGERS, W. S. Key for the identification of the commonly cultivated commercial varieties of strawberries. J. Pomol. and Hort. Sci. 21: 34-40. Apr. 1945. 80 J825

1378 FERNANDEZ, M. Vivero de plantas madres de vides americanas. Mendoza (Prov.) Dir. de Indus. y Fomento Agr. B. Agr. 12: 322-324. June/Sept. 1944. 9 M52B

1379 HALL, J. W. Strawberry variety trials. Scot. Farmer 53: 551. Apr. 21, 1945. 10 Sco8

1380 \*HOCHBERG, N. The growing of wine grapes in Palestine. (In Hebrew.) Hassadeh 25: 126-129. (Cont.) Feb. 1945. 26 H27

1381 HOFFMANN, H. The wine industry of South Australia. So. Austral. Dept. Agr. J. 48: 313-315. Feb. 1945. 23 So84

Grape culture and vineyard management.

1382 \*HUBER, H. Vom letztjährigen weinjahr am Zürichsee. Schweiz. Z. f. Obst- u. Weinbau 1945: 64-66. Feb. 17, 1945. 80 Sch9

1383 \*HUSTELD, B. Que peut attendre la viti-culture européenne de l'amélioration moderne de la vigne. Off. Internatl. du Vin. B. 17: 4-29. Jan./Feb. 1944. 390.8 B87

1384 JOHNSTON, M. G. Try some strawberries. Family Herald and Weekly Star 76(15): 6. Apr. 11, 1945. 7 F21

1385 LESLIE, W. R. Growing small fruits in the Prairie Provinces. Line Elevators Farm Serv. B. 6, 52 p. Winnipeg, 1945. 7 N812

1386 LINDEMAN, B. W. Vines [grape] under glass. New Zeal. Dept. Agr. B. 102, 24 p. Wellington, n. d. (received May 11, 1945). 23 N48Bu

1387 MUELLO, A. C. El grosellero, la frambuesa y la zarzamora. Chacra 15(173): 28-29. Mar. 1945. 9 C34

1388 \*NOCHBERG, N. Growing of wine grapes. (In Hebrew.) Hassadeh 25: 182-184. (Concl.) Mar. 1945. 26 H27

1389 ROVIRA V., F. La reconstitución de los viñedos filoxerados en el país. Peru. Dir. de Agr. Inform. Agr. 2(5): 1-4. Jan./Feb. 1945. 9.8 P434

Suggested varieties.

1390 SLATE, G. L. Growing boysenberries. Flower Grower 32: 278-279. May 1945. 80 M72

1391 SLATE, G. L. What's new in small fruit culture. N. Y. State Hort. Soc. Proc. (1945) 90: 85-93. 81 N484

1392 STUCKEY, H. P. Improved varieties of muscadine grapes offer interesting possibilities. Farm for Victory, No. 17, p. 12. Apr. 1945. 281.8 F226

1393 WARD, C. F. Grapes; ripening season extended [by propagation methods]. Amer. Fruit Grower 65(5): 30. May 1945. 80 G85

1394 WHITE, C. He labors in the vineyard, 1945 style. Better Farms 5(23): 3, 16. May 1, 1945. 6 B462

1395 WILLIAMS, I. Have you tried black currants? Family Herald and Weekly Star 76(14): 6. Apr. 4, 1945. 7 F21

#### Nuts

1396 CARNEVALE, J. A. El cuidado de los frutales. XXII. Poda del nogal, almendro y avellano. Pampa Argentina 19(210): 10. Feb. 1945. 9 P19

#### Ornamental Plants

1397 ALBERTI, M. M. El cultivo de orquídeas. Agrario 9(355): 12. Feb. 15, 1945. 9.3 Ag85

1398 ALDOUS, A. Rose growing in 1944. Natl. Rose Soc. Rose Ann. 1945: 73-74. 84 N21

1399 ALLEN, R. C. Roses in the news. Home Gard. 5(5): 35-36. May 1945. 80 H756

New varieties.

1400 ANDERSON, A. W. Lilac time. Gard. Chron. Amer. 49: 125. May 1945. 80 GL632

1401 AUL, H. B. Hillside home grounds. Home Gard. 5(5): 49-50, 55-56. May 1945. 80 H756

1402 AUSTIN, J. Of what use, your flower shows? Amer. Home 33(6): 72, 74-75. May 1945. 80 Am313

Exhibits should teach flower arrangement.

1403 B., A. C. Orchids at Kew. Gard. Chron. 117: 183. Apr. 28, 1945. 80 GL62

1404 B., L. M. Filling the flower border; what to plant in spring. Pop. Gard. 47: 53. Apr. 14, 1945. 80 GL622

1405 BACHER, J. G. A few companionate plantings for Primulas. Amer. Primrose Soc. Q. 2: 56-57. Apr. 1945. 96.575 Am3

1406 BAIRD, T. J. Spatial planning in the community. Amer. Nurseryman 81(10): 5-6. May 15, 1945. 80 Am371

Landscape planning for housing projects.



- 1407 \*BARRERA RIBER, R. Los iris o lirios. Spain. Inst. Nac. de Invest. Agron. B. 11, p. 237-280. Madrid, 1944. 105 Spl<sup>4</sup>  
English summary.
- 1408 BARTNUM, D. Rock walls and what to grow on them. Pop. Gard. 47: 61. Apr. 21, 1945. 80 G1622
- 1409 BAZAN, L. Flores para invierno. Chacra 15(173): 42-43. Mar. 1945. 9 C34
- 1410 BENNETT, R. W. Expansive plants in the rock garden. Amer. Rock Gard. Soc. B. 3: 29-30. Mar./Apr. 1945. 81 Am342
- 1411 BIERWERT, T. L. Will your garden photograph? Nat. Hist. 54: 236-237. May 1945. 500 N483J
- 1412 BOYSEN, L. Eastern begonia problems - some suggestions. Begonian 12: 89. May 1945. 95.511 B39
- 1413 C., C. H. Orchids at Dell Park. Gard. Chron. 117: 159. Apr. 14, 1945. 80 G162
- 1414 CADBURY, W. W. Recollections of my orchid garden in Canton, China. Amer. Orchid Soc. B. 13: 410-412. May 3, 1945. 80 Am329
- 1415 CASSEBEER, F. W. Early spring care. Amer. Iris Soc. B., No. 96, p. 52-53. Feb. 1945. 81 Am39
- 1416 CHADWICK, L. C. Melia azedarach umbraculiformis. Amer. Nurseryman 81(9): 21. May 1, 1945. 80 Am371
- 1417 CHADWICK, L. C. Philadelphus coronarius. Amer. Nurseryman 81(10): 28-29. May 15, 1945. 80 Am371
- 1418 CHADWICK, L. C. Plants for the postwar world. Part III. Amer. Nurseryman 81(9): 11, 30-33. May 1, 1945. 80 Am371
- Woody ornamental plants classified by size.
- 1419 CHADWICK, L. C. Quercus laurifolia. Amer. Nurseryman 81(11): 11. June 1, 1945. 80 Am371
- 1420 CHADWICK, L. C. Why lilacs do not bloom. Ohio Agr. Col. Ext. Farm and Home Gard. Club News Let., May 1, 1945, p. 3-4. 275.29 Oh32FB
- 1421 CHESLEY, C. H. Eastern natives [wild flowers] that sell. Amer. Nurseryman 81(11): 5-6. June 1, 1945. 80 Am371
- 1422 CLARK, A. M. B x Rosea gigantea. Begonian 12: 68-69. Apr. 1945. 96.511 B39
- 1423 CLARK, A. M. Begonia x verschaffeltiana Regel. Begonian 12: 86-88. May 1945. 95.511 B39
- 1424 CLARK, D. Annual vines. Organic Gard. 6(6): 21-22. May 1945. 56.8 Or3
- 1425 \*COHEN, J. Remarks on "Cynodon transvaaliensis - a suitable lawn grass." (In Hebrew.) Hassadeh 25: 134. Feb. 1945. 26 H27
- 1426 COLEMAN, S. Grow orchids in your kitchen. Mag. Digest 30(6): 46-49. June 1945. 110 M27
- 1427 COLLINS, L. A. Courts of the sun. Gard. Club Amer. B., ser. 9, No. 11, p. 8-11. May 1945. 90.32 G16
- Ancient cultivated gardens of Soochow, China, and the Chumbi Valley, Tibet, natural garden.
- 1428 COOPER, E. An international color standard? Amer. Dahlia Soc. B., ser. 18, No. 2, p. 8-10. May 1945. 81 Am322
- 1429 CORSEAR, K. C. Rock plants of merit; a survey of the burseriana saxifrages. Gard. Illus. 64: 569. May 1945. 80 G169
- 1430 CURTIS, R. W. Early flowering plants ornamental trees. Cornell Plantations 1: 24-29. Winter 1944/45. 409.6 C812
- 1431 CURTIS, R. W. Spring in the Cornell Plantations; desirable flowering shrubs. Cornell Plantations 1: 41-42. Spring 1945. 409.6 C812
- 1432 DALRYMPLE, G. H. The garden round--I-II. Gard. Illus. 64: 565-567, 585-587. May, June 1945. 80 G169
- A selection of ornamental plants hardy in Hampshire
- 1433 DANKS, F. M. The progeny of a single parent. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 49. 96.527 Am3D
- 1434 DARLINGTON, H. R. The polyantha roses. Natl. Rose Soc. Rose Ann. 1945: 12-17. 84 N21
- 1435 DAY, D. I. Help customers get organized on perennials. Seed World 57(9): 48. May 4, 1945. 61.8 Se52
- 1436 DEPETRIS, V. R. Anemones and Ranunculi. Mich. Hort. Soc. Hort. News 11: 57. Apr. 1945. 80 H7815
- 1437 DEPETRIS, V. R. Color and color dominance in flowers. Mich. Hort. Soc. Hort. News 11: 50. Apr. 1945. 80 H7815
- 1438 DONEY, C. F. Lilacs and viburnums. Hort. Soc. N. Y. Monthly B. 16(3/4): 5-8. Mar./Apr. 1945. 81 N482M
- 1439 DOWNER, H. E. Historical sketches; tuberous and winter-flowering begonias. Gard. Chron. Amer. 49: 134-135. May 1945. 80 G1632
- 1440 DOWNER, H. E. Plant for permanence -- Persian lilac. Flower Grower 32: 252. May 1945. 80 M72
- 1441 DUNCOMB, M. Achillea tomentosa aurea. Flower Grower 32: 279. May 1945. 80 M72
- 1442 DUNCOMB, M. Texas bluebonnets indoors. Horticulture 23: 243. May 1, 1945. 80 H787
- 1443 EASLEA, W. The glory of the summer climbing roses. Natl. Rose Soc. Rose Ann. 1945: 34-38. 84 N21
- 1444 ELLIOTT, N. R. For flowering shrubs. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(5): 20. May 1945. 6 P945K
- 1445 ELLIS, R. H. Delphiniums in central Florida. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 68-72. 96.527 Am3D
- 1446 ESSON, J. G. So there's no sun in your back yard. House Beautiful 87(5): 88-89, 108, 139-142. May 1945. 296.8 H81
- Includes list of ornamental plants that flourish in shade.
- 1447 EVANS, J. H. Orchids in small glass houses. VI. Amer. Orchid Soc. B. 13: 418-419. May 3, 1945. 80 Am329
- 1448 EVERETT, T. H. Plant portraits [Sedum palmeri, Cedrus deodara]. Gard. Chron. Amer. 49: 130-131. May 1945. 80 G1632
- 1449 F. Aubrietias from seed. Pop. Gard. 47: 69. Apr. 28, 1945. 80 G1622
- 1450 F. H. K. Canterbury bells. Green Thumb 2(3): 15. May/June 1945. 80 G82
- 1451 FIGUEIREDO, R. DE. Amor perfeito dos jardins. Chacaras e Quintais 71: 325-327. Mar. 15, 1945. 9.2 C34
- 1452 FOSTER, M. B. Introducing bromeliads. South. Home and Gard. 12(11): 14-15. May 1945. 80 So824
- 1453 FOWLER, H. K. Culture of alpine plants under lowland conditions; how environment can be changed to grow plants requiring acid soils. Green Thumb 2(2): 14-18. Mar. 1934. 80 G82
- 1454 FOX, MRS. M. Annuals in the window garden. Gard. Club Amer. B., ser. 9, No. 11, p. 20-21. May 1945. 90.32 G16
- 1455 FREE, M. Will the canna come back in popularity? Home Gard. 5(5): 87-89. May 1945. 80 H756
- 1456 FRENCH, M. Two favourite flowers to raise from seeds now. Pop. Gard. 47: 70. Apr. 28, 1945. 80 G1622
- Japanese primrose and regal lily.
- 1457 GABLE, MRS. R. Hardy chrysanthemums. Back to Eden 11(10): 5. May 1945. 80 B12
- 1458 GERSDORFF, C. E. F. Iris review, 1942 and 1944. Amer. Iris Soc. B., No. 96, p. 45-51. Feb. 1945. 81 Am39
- 1459 GODSHALK, C. E. Lower maintenance landscaping. Morton Arboretum B. Pop. Inform. 20: 9-16. Mar./Apr. 1945. 99.9 M84
- 1460 GREENE, E. Long-blooming petunias. Horticulture 23: 242. May 1, 1945. 80 H787
- 1461 GROFF, MRS. F. C. Dividing delphiniums in spring. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 58-60. 96.527 Am3D



- 1462 HALL, D. F. Daylily delights. Home Gard. 5(5): 96, 98, 100, 102. May 1945. 80 H756
- 1463 HALL, J. B. Make Ontario more beautiful still. Home and Country [Toronto] 11(1): 1. Spring 1945. 281.28 H753
- Planting for farm improvement.
- 1464 HANKINSON, H. Sparklers from South Africa. Flower Grower 32: 263. May 1945. 80 M72
- Arctotis grandis*; *Dimorphotheca aurantiaca*.
- 1465 HARVEY, N. P. Some good neglected roses. Natl. Rose Soc. Rose Ann. 1945: 41-44. 84 N21
- 1466 HASELTINE, MRS. E. R. Daisies for every garden. Minn. Hort. 73: 73-74. May 1945. 81 M66
- 1467 HATFIELD, S. Landscaping your church. South. Home and Gard. 12(12): 23. June 1945. 80 So824
- 1468 HATFIELD, S. The necklace tree [*Sophora affinis*]. South. Home and Gard. 12(11): 23. May 1945. 80 So824
- 1469 HELLINGS, M. L. The *Potentilla* gold drop [*P. fruticosa*]. Horticulture 23: 270-271. May 15, 1945. 80 H787
- 1470 HENDERSON, G. Wild ginger [*Asarum canadense*]. Back to Eden 11(10): 1-2. May 1945. 80 BL2
- 1471 HENNESSEY, R. Can roses be grown in the South? South. Home and Gard. 12(11): 16-17. May 1945. 80 So824
- 1472 HILL, E. C. Planting camellias at Sea Breeze Farm, Lynnhaven, Virginia. Gard. Club Amer. B., ser. 9, No. 11, p. 17-19. May 1945. 90.32 G16
- 1473 HILL, L. H. For ease and beauty--Shirley poppies. Home Gard. 5(5): 23. May 1945. 80 H756
- 1474 HOLLIS, L. Hybrid polyanthas as bedding roses. Natl. Rose Soc. Rose Ann. 1945: 23-30. 84 N21
- 1475 HOME, L. C. The germination of orchid seed. Austral. Orchid Rev. 9: 30-31. June 1944. 80 Au73
- 1476 HOWLAND, J. E. Roses cut in the afternoon keep better. Cornell Plantations 1: 47-48. Spring 1945. 409.6 C812
- 1477 HUNTER, A. W. S. Tetraploid snapdragons. Florists Exch. 104: 104(20): 18. May 19, 1945. 80 F666
- 1478 HUTTENLACHER, F. Find the triangle [in flower arrangement]. Better Homes & Gard. 23(9): 65. May 1945. 80 F9424
- 1479 IHRIG, H. G. The arboretum and the post-war garden. Wash.-State U. Arboretum Found. Arboretum B. 8: 9-11. Spring 1945. 451 A1
- 1480 J., G. E. The history of the Provence rose. Natl. Rose Soc. Rose Ann. 1945: 31-33. 84 N21
- 1481 JOHANNING, A. Interesting horned-poppy [*Glaucium*]. Horticulture 23: 249. May 1, 1945. 80 H787
- 1482 JONES, R. W. Orchids for beginners. Amer. Orchid Soc. B. 13: 426-429. May 3, 1945. 80 Am329
- 1483 KEIPER, E. Rochester [N. Y.], in lilac time. Flower Grower 32: 255-256. May 1945. 80 M72
- 1484 KELLY, G. W. Clematis for Colorado. Green Thumb 2(2): 4-6. Mar. 1945. 80 G82
- 1485 KELLY, G. W. Honeysuckles for Colorado. Green Thumb 2(3): 19-21. May/June 1945. 80 G82
- 1486 KENT, S. These 4 flowers make a garden year [iris, daylily, phlox, chrysanthemum]. House Beautiful 87(5): 90-91. May 1945. 296.8 H81
- 1487 KENT, S. 12 spots where a really fine shrub makes all the difference. House Beautiful 87(6): 60-61. June 1945. 296.8 H81
- 1488 KIRK, MRS. T. A. Delphinium growing in Virginia. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 61-63. 96.527 Am3D
- 1489 KNOCK, F. Do you notice foliage? Begonian 12: 63-64. Apr. 1945. 96.511 B39
- 1491 LAMBERT, N. Colour schemes for a small rose garden. Natl. Rose Soc. Rose Ann. 1945: 47-49. 84 N21
- 1490 KOCH, A. Delphiniums in city parks. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 40-44. 96.527 Am3D
- 1492 LAURIE, A. Hardy chrysanthemums. Ohio Agr. Col. Ext. Farm and Home Gard. Club News Let., May 1, 1945, p. 2-3. 275.29 Oh32FB
- 1493 LAWRENCE, M. Orchid culture in the Northwest. Northwest Gard. 13(3): 4-6. (To be cont.) May 1945. 80 N813
- 1494 LEA, S. A. Roses for growing on house walls. Natl. Rose Soc. Rose Ann. 1945: 57-59. 84 N21
- 1495 LEWIS, G. G. Disbudding roses. Flower Grower 32: 273. May 1945. 80 M72
- 1496 LITTLE, C. E. Growing delphiniums in Canada. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 72-73. 96.527 Am3D
- 1497 LITTLE, W. S. Its flowers look like canaries. Home Gard. 5(5): 64. May 1945. 80 H756
- Crotalaria agatiflora*.
- 1498 LONGLEY, L. E. More new varieties of garden chrysanthemums. Minn. Farm and Home Sci. [Minn. Sta.] 2(3): 14. May 16, 1945. 100 M668
- 1499 LONGMUIR, S. Plants for damp soil. Home Gard. 5(5): 61-63. May 1945. 80 H756
- 1500 LYNCH, P. J. Some hints for amateur rose gardeners. Home Gard. 5(5): 82-85. May 1945. 80 H756
- 1501 MCCLELLAND, MRS. P. H. Seeding and summer care of primroses. Amer. Primrose Soc. Q. 2: 59-60. Apr. 1945. 96.575 Am3
- 1502 MCCORMICK, M. F. Delphiniums at the foot of the Rockies. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 63-65. 96.527 Am3D
- 1503 MCFARLAND, J. H. Shrubs which start the season. Horticulture 23: 208. Apr. 15, 1945. 80 H787
- 1504 MACSELF, A. J. The joys of rose growing. Natl. Rose Soc. Rose Ann. 1945: 38-41. 84 N21
- 1505 MARRIAGE, K. Foolproof perennials. Green Thumb 2(2): 3-4. Mar. 1945. 80 G82
- 1506 MARRIAGE, K. Lilies. Green Thumb 2(3): 2-3. May/June 1945. 80 G82
- 1507 MARRITT, I. C. Planting snow hedges to prevent road drifting; evergreen trees most effective. Farmer's Advocate and Home Mag. 80: 300. Apr. 26, 1945. 7 F22
- 1508 MARSHALL, V. S. Bits about gardening in southern Florida. Gard. Gossip 20(5): 9, 16. May 1945. 80 G1625
- 1509 MASSEY, A. B. The Paulownia tree. Gard. Gossip 20(5): 7, 16. May 1945. 80 G1625
- 1510 MAYER, P. Know perennials better for a garden thrill. Fla. Grower 53(5): 7, 15. May 1945. 80 F6622
- 1511 MEYER, J. R. Método para proteção das orquídeas quando retiradas dos recipientes de cultura para adaptação ao meio exterior. Biológico 11: 48-51. Feb. 1945. 442.8 B529
- 1512 MILLER, A. Charming southern star [*Oxypetalum caeruleum*]. Horticulture 23: 270. May 15, 1945. 80 H787
- 1513 MILLER, MRS. J. Save our trilliums. Minn. Hort. 73: 79. May 1945. 81 M66
- 1514 MILLER, Z. Planting trees along Palestine highways. (In Hebrew.) Hassadeh 25: 186-187. Mar. 1945. 26 H27
- 1515 MITTON, J. Flower arrangement--a contribution to art. Mich. Hort. Soc. Hort. News 11: 57. Apr. 1945. 80 H7815
- 1516 MONTEALEGRE, M. R. Árboles ornamentales para parques y avenidas. Inst. de Defensa del Café de Costa Rica. Rev. 15: 88-93. Feb. 1945. 68.28 C82
- 1517 NEWBILL, T. J. Winter protection of delphinium. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 46-47. 96.527 Am3D
- 1518 NORMAN, A. The pre-eminence of the rose. Natl. Rose Soc. Rose Ann. 1945: 54-56. 84 N21



- 1519 NORTON, G. Meet the star tulips [*Calochortus uniflorus*]. Gard. Chron. Amer. 49: 135. May 1945. 80 G1632
- 1520 OFFERMAN, J. Pacific hybrids my favorite. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 66-68. 96.527 Am3D
- 1521 OPPENHEIMER, H. Growing pot roses under glass. Natl. Rose Soc. Rose Ann. 1945: 7-12. 84 N21
- 1522 PALMER, W. Some observations on *Cypripediums*. Austral. Orchid Rev. 9: 19-20. June 1944. 80 Au73
- 1523 PARK, B. How I made my new rose garden. Natl. Rose Soc. Rose Ann. 1945: 49-54. 84 N21
- 1524 PIONEERS of rock gardening. Gard. Chron. Amer. 49: 127-129, 140. May 1945. 80 G1632  
Contents: Louise Beebe Wilder, by R. Wright; Clarence Lown, by P. J. Van Melle; Reginald Farrer, by J. G. Esson.
- 1525 PUMPHREY, MRS. J. H. Japanese iris in Louisiana. Flower Grower 32: 287. May 1945. 80 M72
- 1526 PYLE, M. Gloxinias from seed. Begonian 12: 75. Apr. 1945. 96.511 B39
- 1527 RAUSCH, MRS. R. S. Ornamental vegetable gardening. Gard. Club Amer. B., ser. 9, No. 11, p. 25-26. May 1945. 90.32 G16
- 1528 REINELT, F. A tale of woe. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 24-30. 96.527 Am3D  
Delays in breeding delphinium.
- 1529 RICH, M. C. How to grow big spikes from little gladiolus bulbs. Flower Grower 32: 259, 287. May 1945. 80 M72
- 1530 RIES, V. H. Everyday landscape problems. Horticulture 23: 231-232. May 1, 1945. 80 H787
- 1531 ROBERSON, F. K. A native penstemon. Northwest Gard. 13(3): 2. May 1945. 80 N813
- 1532 ROBERSON, MRS. L. N. Winter rock garden care. Northwest Gard. 12(10): 2. Dec. 1944. 80 N813
- 1533 ROGERS, R. The best in the old and the new phlox. Green Thumb 2(3): 4-6. May/June 1945. 80 G82
- 1534 ROWLEY, G. D. Wartime succulent growing in England. Cactus and Succulent J. 17: 52. Apr. 1945. 451 C11
- 1535 RYAN, R. Punga Pung [*Amorphophallus rex*]. Victorian Nat. 61: 219. Apr. 1945. 410 V66
- 1536 SAILER, A. Anemones. Hort. Soc. N. Y. Monthly B. 16(5): 12. May 1945. 81 N482M
- 1537 SAMUELSON, A. A. Breeding for red with species hybrids. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 38-39. 96.527 Am3D
- 1538 SARVIS, J. T. Buffalo grass lawns. Dakota Farmer 65(9): 6-8. May 5, 1945. 6 D14
- 1539 SCULLY, R. M. Orchids for the living room. Amer. Orchid Soc. B. 13: 405-409. May 3, 1945. 80 Am329
- 1540 SEYMOUR, E. L. D. Vines for the garden! Amer. Home 33(6): 64-66. May 1945. 80 Am313  
Primer for the American home gardener--lesson 13.
- 1541 SEYMOUR, J. W. A visit to Wrexham [England] in wartime. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 31-37. 96.527 Am3D
- 1542 SHEPHERD, R. E. Species roses have great landscape value. Flower Grower 32: 264-265, 276-277. May 1945. 80 M72
- 1543 SKINNER, F. L. The western larch. Country Guide 64(5): 38. May 1945. 7 G76
- 1544 SMITH, J. G. *Grammatophyllum speciosum*--"the queen of orchids." Austral. Orchid Rev. 9: 29. June 1944. 80 Au73
- 1545 SOFFE, G. N. Gladiolus authority gives suggestions on growing favorite flower. Utah Farmer 64(18): 16-17. May 10, 1945. 6 D45
- 1546 STEFFEK, E. F. A flower garden easy to care for. New England Homestead 118(9): 26. May 12, 1945. 6 N442
- 1547 STEFFEK, E. F. Tulips and their place in a world at peace. Horticulture 23: 229-230. May 1, 1945. 80 H787
- 1548 STENSSON, J. V. Choosing the right shade tree. Forest & Outdoors, May 1945, p. 125-126. 39.8 C16
- 1549 STOUT, A. B. Daylilies: old and new. Hort. Soc. N. Y. Monthly B. 16(5): 7-9. May 1945. 81 N482M
- 1550 SUTHERLAND, M. Perennials you may have overlooked. Canad. Hort. & Home Mag. Floral Ed. 68: 119-120. May 1945. 80 C16F
- 1551 SWANSON, MRS. J. Delphiniums for profit in Minnesota. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 74-76. 96.527 Am3D
- 1552 SWOBODA, P. *Hepatica triloba*. Amer. Nurseryman 81(11): 24-25. June 1, 1945. 80 Am371
- 1553 TANNER, C. D. Growing tuberous rooted begonias from seed. II-III. Begonian 12: 77, 88. Apr., May 1945. 96.511 B39
- 1554 TAYLOR, G. C. Trailing plants. Homes and Gard. 12(26): 40-41. May 1945. 318.8 Ou7
- 1555 TAYLOR, G. M. Roses that are beautiful upon the tree. Natl. Rose Soc. Rose Ann. 1945: 17-23. 84 N21
- 1556 TEUSCHER, H. Perennials, backbone of the garden. Horticulture 23: 257-258. May 15, 1945. 80 H787
- 1557 TEUSCHER, H. Window gardening. Florists' Rev. 96(2477): 22-23. May 17, 1945. 80 W41  
Growing of flowering plants in window boxes.
- 1558 VAN GELDER, H. E. Flower borders for continuous bloom. Home Gard. 5(5): 11-16. May 1945. 80 H756
- 1559 VAN HOF, M. Successful [ornamental] plant propagation. Amer. Nurseryman 81(9): 9-10. May 1, 1945. 80 Am371
- 1560 VASUMPAUR, R. Comments on northland daisies. Flower Grower 32: 262. May 1945. 80 M72
- 1561 VASUMPAUR, MRS. R. Delphinium culture. Amer. Delphinium Soc. Ybk. (Delphinium) 1943/44: 51-54. 96.527 Am3D
- 1562 W. *Lachenalia aurea*. Florists Exch. 104(19): 17, 35. May 12, 1945. 80 F666
- 1563 WALKER, V. N. A rock garden delphinium. Amer. Rock Gard. Soc. B. 3: 26-27. Mar./Apr. 1945. 81 Am342
- 1564 WARD, F. G. It's time to plant your gladioli. Family Herald and Weekly Star 76(21): 6. May 23, 1945. 7 F21
- 1565 WEBER, MRS. K. Begonia Mrs. W. A. Wallow in 1928. Begonian 12: 67. Apr. 1945. 96.511 B39
- 1566 WEEDEN, V. W. Daphnes; how to grow and strike them. Austral. Gard. Lover 21: 19-21. (To be cont.) Apr. 2, 1945. 80 C1615
- 1567 WESTON, T. A. Summer and winter blooming of oxalis. Horticulture 23: 232. May 1, 1945. 80 H787
- 1568 WHERRY, E. T. Dooryard violet. Amer. Rock Gard. Soc. B. 3: 28. Mar./Apr. 1945. 81 Am342  
Dooryard violet suggested instead of butterfly violet as common name of *Viola papilionacea*.
- 1569 WHERRY, E. T. Saxiflora No. 23: *Collinsia verna*. Amer. Rock Gard. Soc. B. 3: 24-25. Mar./Apr. 1945. 81 Am342
- 1570 WHITEHEAD, S. B. Flowers for summer bloom. Field 185: 346. Apr. 7, 1945. 10 F45
- 1571 WILDON, C. E. Breeding of roses--the dog rose. Mich. Hort. Soc. Hort. News 11: 51, 58. Apr. 1945. 80 H7815
- 1572 WILDON, C. E. Dahlias (the best by test). Mich. Hort. Soc. Hort. News 11: 54. Apr. 1945. 80 H7815
- 1573 WILLIAMS, L. O. Visiting your neighbor: Miguel Schuster, São Paulo, Brazil. Amer. Orchid Soc. B. 13: 413-415. May 3, 1945. 80 Am329
- 1574 WILMORE, S. Rocky Mountain juniper (*Juniperus scopulorum*). Green Thumb 2(3): 7-10. May/June 1945. 80 G82
- 1575 WILSON, H. VAN P. Chrysanthemums that make headlines. Home Gard. 5(5): 85. May 1945. 80 H756



1576 WILSON, H. VAN P. Gardens to scent as well as see. Home Gard. 5(5): 30-32. May 1945. 80 H756

1577 WILSON, H. VAN P. House plants are my hobby. Woman's Day 8(6): 25, 71-72. Mar. 1945. (Beltsville Branch Libr.)

1578 WOOD, C. W. Perennials for tropical effects. Amer. Nurseryman 81(9): 16-19; (10): 11, 31-34. May 1, 15, 1945. 80 Am371

1579 WOOD, C. W. Some ornamental plants you should know. Amer. Nurseryman 81(11): 13-14. June 1, 1945. 80 Am371

1580 WOODROFFE, F. B. Bulbs for bloom this summer. Better Homes & Gard. 23(9): 29, 82-83. May 1945. 80 F9424

1581 YEATES, F. G. Further adventures with annuals. Canad. Hort. & Home Mag. Floral Ed. 68: 121-122. May 1945. 80 C16F

#### Vegetables and Truck Crops (Including Potatoes)

1582 ABITBOL, J. Condiciones de suelo y clima para el cultivo de la papa. Soc. Rural Argentina. An. 59: 175-176. Feb. 1945. 9 Sol

1583 \*AGERBERG, L. S. Potatissförsöken i Norrbotten. Potato breeding experiments in Norrbotten. Försök och Forskning 2: 41. Mar. 1945. 11 F77

1584 AHRENDT, MRS. A. Endive as a home garden crop. Horticulture 23: 237. May 1, 1945. 80 H787

1585 ALLEN, E. J. Specialist gives gardeners tips on late vegetable planting. Ark. Agr. Col. Ext. Serv. Rev. 29(5): 1, 4. May 1945. 275.29 Ar4C

1586 ARANGO, E. Sistemas de cultivo de la papa. B. Agr. [Medellín], No. 306, p. 2383-2386. Jan. 1945. 9.4 Sol

1587 BALL, R. E. Here's a bean beauty. Home Gard. 5(5): 39. May 1945. 80 H756

Red Wonder lima bean.

1588 BALL, R. E. Kohlrabi isn't so particular. Home Gard. 5(5): 65. May 1945. 80 H756

1589 BARRONS, K. C., and KREMER, J. C. Radish seed production in Michigan. Seed World 57(8): 44-48. Apr. 20, 1945. 61.8 Se52

1590 BROWN, H. D. Value of field tests as a supplement to laboratory tests in evaluation of vegetable seeds. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 79-80, processed. 1945. 61.9 As7

1591 C., W. S. Roscoff broccoli for succession. Pop. Gard. 47: 69. Apr. 28, 1945. 80 G1622

1592 CALDWELL, J. Tomato-growing in war time. Gt. Brit. Min. Agr. Agriculture 52: 73-75. May 1945. 10 G79J

1593 CAMPBELL, W. M., and EVANS, SIR G. Experiments in the use of potato eyes for seed at Kew. Roy. Hort. Soc. J. 70: 142-146. May 1945. 84 L84J

1594 CARLETON, R. M., and RIES, V. H. Grow better beans and tomatoes. Better Homes & Gard. 23(9): 22-23, 99-101. May 1945. 80 F9424

1595 CLYDESDALE, C. S. The onion. Queensland Agr. J. 60: 69-73. Feb. 1, 1945. 23 Q33

1596 CRUMMETT, D. O. Peppers in Northwest gardens. Northwest Gard. 13(2): 19-21, 30. Apr. 1945. 80 N813

1597 CRUMMETT, D. O. Tomato experiments in this area. Northwest Gard. 13(3): 7-8, 26-27. May 1945. 80 N813

1598 DAVENPORT, N. Tomato culture in the Geraldton district. West. Austral. Dept. Agr. J. (ser. 2) 21: 299-308. Dec. 1944. 23 W52J

1599 DELANEY, D. The potato crop. Eire. Dept. Agr. J. 41: 290-294. Sept. 1944. 10 Ir2J

1600 DODDRIDGE, A. T. Helpful hints for the home vegetable grower. So. Austral. Dept. Agr. J. 48: 363-365. Mar. 1945. 23 So83

1601 DODGE, J. C. How does your victory garden grow? Washcoegg 22(12): 17, 20. May 1945. 47.8 W27

1602 \*FERNANDEZ DE LA FUENTE, V. Esparrago; Asparagus officinalis (familia de las liliáceas). Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 36, No. 26, 12 p. Madrid, 1944. 15 H68

1603 FRANCIS, A. L. Better cucumbers, melons, squash, pumpkins from water holes. Better Homes & Gard. 23(9): 10. May 1945. 80 F9424

1604 G., A. V. Now sow vegetable, marrow and Ridge cucumber under glass. Pop. Gard. 47: 59. Apr. 21, 1945. 80 G1622

1605 GARDNER, M. E., SCHMIDT, R., and STEVENSON, F. J. The Sequoia potato: a recently-introduced insect-resistant variety. Amer. Potato J. 22: 97-103. Apr. 1945. 75.3 P842

1606 GETSON, S. F. Vegetables with vitamins. Family Herald and Weekly Star 76(12): 8-9. Mar. 21, 1945. 7 F21

1607 \*GEYER. Wir brauchen hohe kartoffelernten! Nationalsoz. Landpost, 1945, No. 7, p. 1. Feb. 16, 1945. 18 N212

1608 GIACOMI M., V. El cultivo de la cebolla para temprano. Agrario 9(355): 6. Feb. 15, 1945. 9.3 Ag85

1609 GIBSON, E. P. Foundation-stock seed potatoes; fancy table potatoes. Stock & Dairy Farmer 34(9): 7. May 1945. 6 NB195

1610 \*GILEADI, D. Growing summer carrots at Ashdot Yaacov. (In Hebrew.) Hassadeh 25: 125-126. Feb. 1945. 26 H27

1611 GUADAGNIN, L. Instruções sobre a cultura da beringela. Ceres [Viçosa] 6(31): 19-21. Sept./Oct. 1944. 9.2 C332

1612 H., F. Sow seeds in spring for summer peas. Pop. Gard. 47: 51. Apr. 14, 1945. 80 G1622

1613 HARRINGTON, L. Farming in the dark ... of a mushroom house. Farmer's Mag. 42(4): 7, 48-49. Apr. 1945. 7 C165

1614 HEPLER, J. R. Onions. New England Homestead 118(9): 8. May 12, 1945. 6 N442

1615 HILL, A. F. The pie plant and its relatives. Herbarist, No. 11, p. 21-27. 1945. 80 H41

1616 HUMPHREYS, W. S. My never-fail runner beans. Pop. Gard. 47: 51. Apr. 14, 1945. 80 G1622

1617 HUTCHINS, A. E. Temperature and moisture requirements of vegetable crops. Minn. Hort. 73: 70-71. May 1945. 81 M66

Lists of cool season and warm season vegetable crops.

1618 JOHNSTON, M. O. Onions as you like them. Family Herald and Weekly Star 76(12): 9. Mar. 21, 1945. 7 F21

1619 JONES, D. F. Planting and growing vegetables. Rural New-Yorker 104: 274. May 19, 1945. 6 R88

1620 LACHMAN, W. H. Sweet pepper trials at Amherst in 1944. Mass. Com. Veg. Grower, May 1, 1945, p. 5-6, processed. 275.29 M381Mp

1621 LESLIE, W. R. Potatoes [varieties]. N. and S. Dak. Hort. 18: 77. May 1945. 81 N817

1622 LIPPINCOTT, G. P. Producing vegetables for the frosted food industry. Peninsula Hort. Soc. Trans. (1944) 58: 43-47. 81 P37

1623 M., E. For a constant supply of summer lettuces. Pop. Gard. 47: 44. Apr. 7, 1945. 80 G1622

1624 MCDERMOTT, N. Potato "chips" as seed. Gt. Brit. Min. Agr. Agriculture 52: 11-15. Apr. 1945. 10 G79J

1625 \*MANES, Y. Squashes as a winter crop. (In Hebrew.) Hassadeh 25: 125. Feb. 1945. 26 H27

1626 MARIN, L. El chile, La planta de hortaliza mas importante en la republica mexicana. Fomento [monthly] 2(15): 19-20. (To be cont.) Jan. 1945. 8 F734

1627 MARIN, L. Cultivo del chicharo. Fomento [monthly] 2(14): 9-10. Dec. 1944. 8 F734

1628 MARSHALL, G. W. Tomato culture. Rhodesia Agr. J. 42: 76-80. Jan./Feb. 1945. 24 R34

1629 MINGES, P. A. Seed sweet potatoes. West. Grower and Shipper 16(6): 15. May 1945. 280.38 W52

1630 MORGAN, C. N. Tomato culture in Queensland. Queensland Agr. J. 60: 78-82. Feb. 1, 1945. 23 Q33



- 1631 MORRISON, G. Do vegetables cross pollinate? Flower Grower 32: 258, 270-271. May 1945. 80 M72
- 1632 NISSLEY, C. H. Important factors in increasing yield and quality of process tomatoes. Canad. Hort. & Home Mag. Growers' Ed. 68: 96. Apr. 1945. 80 C16
- 1633 NIXON, E. L. Blue label potatoes and cultural practices. Guide Post 22(4): 3-5. Apr. 1945. 75.8 G94
- 1634 OPPENHEIM, B. They mine mushrooms 600 feet under ground! Mag. Digest 30(6): 30-33. June 1945. 110 M27
- Condensed from The Baltimore Sun.
- 1635 OSORIO, L. H. Cultivo de la arveja. Vida Rural 6(67): 38. Feb. 1945. 9.4 V66
- 1636 PLUMB, K. P. We grow sweet potatoes up north. Better Homes & Gard. 23(9): 74, 92. May 1945. 80 F9424
- 1637 PORTER, D. R. Five new vegetable varieties. Seed World 57(10): 8-10. May 18, 1945. 61.8 Se52
- 1638 \*POTATISODLINGEN b6r ut6kas i ar; en rundfraga till kunniga potatisodlare [The potato crop ought to be increased this year; a questionnaire for future potato growers]. Lantmannen 29: 323-328. Apr. 7, 1945. 11 L234
- Contributions by P. de la Gardie, G. Petersson, H. Winkler, N. Larsson, and G. I. Virgin.
- 1639 RANIER, S. H. Growing the Maryland golden sweet potato. Peninsula Hort. Soc. Trans. (1944) 58: 55-58. 81 P37
- 1640 RICHARDS, S. T. Ten important steps in potato culture. Farmers Guide 101(9): 4. May 1, 1945. 6 In2
- 1641 ROCKWELL, F. F. Growing asparagus from seed. Home Gard. 5(5): 40-41. May 1945. 80 H756
- 1642 ROCKWELL, F. F. There's still time to eat well this year. Home Gard. 5(5): 17-18. May 1945. 80 H756
- Vegetables for May planting.
- 1643 ROHDE, E. S. Vegetables for the epicure. Field 185: 295. Mar. 24, 1945. 10 F45
- 1644 SEAVER, F. J. Mycophagy. Gourmet 5(5): 10-11, 76-78. May 1945. 389.3 G74
- Includes descriptions of species of mushrooms.
- 1645 \*SELINGER, A. Asparagus growing in Palestine. (In Hebrew.) Hassadeh 25: 176-177. Mar. 1945. 26 E27
- 1646 SHEWELL-COOPER, W. E. Vital issues in tomato plant raising. Field 185: 322. Mar. 31, 1945. 10 F45
- 1647 SMITH, E. G. L. Vegetable gardening in arid areas. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 92, 2 p. Pretoria, 1945. 24 So82Pa
- 1648 SMITH, R. W. Hints for the victory gardener. 30. Peppers. Organic Gard. 6(6): 11-13. May 1945. 56.8 Or3
- 1649 \*STAL, N. Sowing tomatoes direct in the field at Givat Brenner. (In Hebrew.) Hassadeh 25: 177-178. Mar. 1945. 26 E27
- 1650 SUTTON, S. How does your garden grow? Hints on growing vegetables for amateur green-thumbers. Family Circle 26(18): 10-11. May 11, 1945. (Beltsville Branch Libr.)
- 1651 SWAN, R. W. New way to grow tomatoes. Horticulture 23: 265. May 15, 1945. 80 H787
- 1652 THOMPSON, M. E. Ordering the vegetable seed. Marit. Farmer and Co-op. Dairyman 50(15): 26. May 1, 1945. 7 C77
- 1653 TOMALIN, T. E. Crops [vegetable], to grow in your greenhouse. Pop. Gard. 47: 44. Apr. 7, 1945. 80 G1622
- 1654 TOMALIN, T. E. For early dwarf and runner beans. Pop. Gard. 47: 68. Apr. 28, 1945. 80 G1622
- 1655 TOMALIN, T. E. It's safe to plant the greenhouse-raised onions. Pop. Gard. 47: 60. Apr. 21, 1945. 80 G1622
- 1656 TOMALIN, T. E. Sow now for winter crops; be sure of kale, broccoli and cauliflower. Pop. Gard. 47: 52. Apr. 14, 1945. 80 G1622
- 1657 VAN ELDEN, H. Production of vegetable seed. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 97, 2 p. Pretoria, 1945. 24 So82Pa
- 1658 W., R. C. A cabbage [colewort], for shallow soil. Pop. Gard. 47: 68. Apr. 28, 1945. 80 G1622
- 1659 W., R. C. Kales are very hardy and prolific. Pop. Gard. 47: 51. Apr. 14, 1945. 80 G1622
- 1660 WALKER, M. N. The Blacklee watermelon. Seed World 57(10): 12, 14. May 18, 1945. 61.8 Se52
- 1661 WALTERS, T. G. A State-wide potato improvement project. Agr. Ed. Mag. 17: 226-227. June 1945. 275.8 Ag8
- Disease-free sweetpotatoes in Georgia through cooperative effort of teachers and plant technicians.
- 1662 WEBBER, M. Gardens thrive in the dry belt. Family Herald and Weekly Star 76(12): 4. Mar. 21, 1945. 7 F21
- Early and reliable vegetable varieties.
- 1663 WEICK, L. Here's how to grow witloof chicory in California. Home Gard. 5(5): 46. May 1945. 80 H756
- 1664 WHITE, C. T. Chinese spinach [Amaranthus gangeticus]; a useful summer vegetable. Queensland Agr. J. 60: 83-84. Feb. 1, 1945. 23 Q33
- 1665 WIBEL, N. E. Double-row vegetable planting. Home Gard. 5(5): 25. May 1945. 80 H756
- 1666 WICKS, A. T. Potatoes from "eyes." Pop. Gard. 47: 43. Apr. 7, 1945. 80 G1622
- 1667 WOODARD, E. M. Let's use the wild greens. N. Mex. Agr. Col. Ext. News 25(4): 5-6. Apr. 1945. 275.29 N463Ex

## WEEDS AND POISONOUS PLANTS

- 1668 \*ÅSLANDER, A. Oka skordarna genom en eller ett par handhackningar! Kampen mot ogräset i potatis [Increase the crops by means of the hoe! The fight against weeds in the potato fields]. Lantmannen 29: 390-392. Apr. 28, 1945. 11 L324
- 1669 ARCENEUX, T. J. Viability of Louisiana produced Johnson grass seed; a factor in eradication. Sugar B. 23: 123-124. May 15, 1945. 65.9 Am32
- 1670 \*B., S. När ryssgubben odlades som kulturbäxt. Lantmannen 29: 396. Apr. 28, 1945. 11 L234
- History of Bunias orientalis in Sweden as a cultivated plant and as a weed.
- 1671 BLACKWELL, H. L. Ways with weeds in poultry runs. Mod. Poultry Keeping 52(16): 284-285. Apr. 18, 1945. 47.8 Eg3
- 1672 COCKBURN, W. M. Barberry eradication. Canad. Countryman 34(9): 35. Apr. 28, 1945. 7 C833
- 1673 FISHER, C. E., and FULTS, J. L. Principles and methods of eradicating mesquite. Cattleman 31(12): 20-21, 80-81. May 1945. 49 C29
- 1674 G. When weeds are provided with a good seed bed. Farmers' Gaz. [Dublin] 103: 202. Apr. 21, 1945. 10 F221
- Control necessary under tillage.
- 1675 GARDNER, C. A., and MEADLY, G. R. W. Hoary cress (Cardaria draba (L.) Desv.). West. Austral. Dept. Agr. J. (ser. 2) 21: 361-365. Dec. 1944. 23 W52J
- 1676 GREAT BRITAIN. MINISTRY OF AGRICULTURE AND FISHERIES. Weed control in cereals by spraying with selective weedkillers. Gt. Brit. Min. Agr. and Fisheries. Advisory Leaflet 315, 6 p. London, 1945. 10 G79La
- 1677 \*HOFSTEN, C. G. VON. Det arbete som intensiv på frågan om ogräsets bekämpande [On the intensive work done on the question of weed control]. Lantmannen 29: 371-373. Apr. 21, 1945. 11 L324
- A summary of work done in America.
- 1678 LEWIS, N. G. Seed science and weed control. Assoc. Off. Seed Anal. Proc. (1942-43/1943/44) 35: 84-86, processed. 1945. 61.9 As7



1679 LOUIS-MARIE, FÈRE, and VERRET, L. Essai d'éradication de la salicaire [*Lythrum salicaria*] à la Baie-du-Febvre en 1943-1944. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 106. 517 M76

1680 MCCALL, M. A. A general look at the weed problem. Amer. Soc. Agron. J. 37: 378-386. May 1945. 4 Am34P

1681 MOLFINO, J. F. Los "abrojos" [*Xanthium*], de los campos argentinos. Chacra 15(173): 80-81. Mar. 1945. 9 C34

Also in Bolsa de Com., Rosario. Rev. 33(797): 11-14, 16. Mar. 31, 1945. 287 R71

1682 NEEL, L. R. Control of pasture weeds. South. Agr. 75(5): 8-9. May 1945. 6 So83

1683 NICOL, H. Some new organic herbicides. Mfg. Chem. 16: 131-132, 145. Apr. 1945. 396.8 M31

1684 ROUNDS, M. B. Weeds in relation to decline. Calavo News 19(1): 9. Apr. 1945. 280.28 C12

1685 SHEERWOOD, L. V. Field bindweed, *Convolvulus arvensis* L., root fragments may grow. Amer. Soc. Agron. J. 37: 307-313. Apr. 1945. 4 Am34P

1686 SNYDER, G. B. Control weeds. Mass. Com. Veg. Grower, May 1, 1945, p.4-5, processed. 275.29 M381mp

1687 THWAITES, T. W. Eradication of annual weeds. Spreckels Sugar Beet B. 9: 22-23. May/June 1945. 66.8 Sp7

1688 TO KILL mesquite, destroy the dormant buds. Prog. Farmer, Tex. Ed. 60(5): 12. May 1945. 6 T311

1689 TOBÓN VILLEGAS, A. T. Control eficiente de malezas. Colombia. Min. de la Econ. Nac. Agricultura 16: 1197-1200. 1944. 9.4 In22

1690 VAN DER WALT, S. J. Recent investigations into the toxicity of plants, etc. in the Union of South Africa. Onderstepoort J. Vet. Sci. and Anim. Indus. 20: 75-83. Sept. 1944. 41.8 On1

1691 WILSON, H. K., LARSON, A. H., and STAHLER, L. M. Competitive crops effective in stopping field bindweed. Minn. Farm and Home Sci. [Minn. Sta.] 2(3): 4-5. May 15, 1945. 100 M668

1692 YOUNG, V. A. Cocklebur control; mowing in seed stage found most effective. West. Livestock J. 23(33, i. e. 32): 17. May 1945. 6 F2278

#### MISCELLANEOUS ECONOMIC PLANTS

(Drug, Dye, Rubber, etc.)

1693 ACOSTA SOLIS, M. La tagua, coroso o marfil vegetal (*Phytalephas* spcs.). Flora [Quito], 4(11/12): 23-58. May 1944. 450 F662

English summary.

1694 \*ARGÜÑOSA Y VALDÉS, J. A. DE. Prontuario y guía para la recolección de plantas medicinales. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 36, No. 23, 16 p. Madrid, 1944. 15 H68

1695 \*BAL, S. N. Cultivation of medicinal plants. Indian J. Pharm. 6 (Pharm. Conf. No.): 42-45. 1944. 396.8 In23

1696 BOUGHEN, W. Y. Why all the fuss about hyssop [as a honey plant]? West. Canada Beekeeper 8(5): 12. May 1945. 424.8 W525

1697 BURCH, MRS. F. Herbs and herbals. Gard. Club Amer. B., ser. 9, No. 11, p. 14-16. May 1945. 90.32 G16

1698 CHEVALIER, A. Les espèces de *Taraxacum* productrices de caoutchouc, leur aire géographique et leur avenir. Paris. Acad. des Sci. Compt. Rend. 218: 736-738. May 8, 1944. 505 P21

1699 CLARENCE, B. V. Tung tree characteristics in the Union of South Africa. Farmer [Pietermaritzburg], 33(1): 7. Jan. 7, 1944. 24 F227

1700 COLEMAN, E. Mulleins [*Verbascum* spp.] woolly and otherwise--herbs of good report. Herbarist, No. 11, p. 15-20. 1945. 80 H41

1701 COSTA, O. A., and LUCAS, V. Alecrim do campo. *Lippia thymoides* Mart. et Schauer. Verbenaceae. Rev. da Flora Med. 12: 3-35. Jan. 1945. 71.8 R32

1702 DUQUE, J. P. Visita de inspección a la zona cafetalera sur-occidental de Guatemala. Rev. Cafetal. de Guatemala 1(2/3): 24-43. Jan./Feb. 1945. 68.28 R322

1703 FISHER, G. M. Herbs in victory gardens. Florists' Rev. 96(2475): 24. May 3, 1945. 80 W41

1704 FOSTER, W. G. Do try a few herbs. Family Herald and Weekly Star 76(12): 11. Mar. 21, 1945. 7 F21

1705 GARAYAR, H. N. Recomendaciones preliminares que hace la Estación Experimental Agrícola de Tingo María a su personal de la sección "Te" y a las personas interesadas en el cultivo de esta planta en la zona de Tingo María. Tingo María, Peru. Estac. Expt. Agr. C. Local 4, 2 p., processed. Nov. 1944. 102.5 T49

1706 GATTEFOSSE, J. Plantes medicinales de nos jardins. Fruits et Primeurs de l'Afrique du Nord. Ed. Maroc. 15: 59-60. Mar. 1945. 80 F9482

1707 GETSON, S. F. Plant an herb garden.

Farmer's Mag. 42(5): 31. May 1945. 7 C165

1708 \*GINKUL, F. G. The cause of the flowering of bamboo at different ages. (In Hebrew.) Hassadeh 25: 133. Feb. 1945. 26 H27

1709 GOBBATO, C. Como produzir mudas de erva-mate. Chacaras e Quintais 71: 351-352. Mar. 15, 1945. 9.2 C34

1710 LEINER, F. L. Plantas estupefacientes del Perú. Peru. Dir. de Agr. Inform. Agr. 2(5): 5-6. (Cont.) Jan./Feb. 1945. 9.8 F434

1711 HOCKING, G. M. Quinine from Remijia bark. Science 101: 484. May 11, 1945. 470 Sci2

Early reports of quinine content of Remijia bark.

1712 IMPORTANCIA de la amapola [*Erythrina micropteryx*] en el cacao. Rev. de Agr. [Santo Domingo] 35: 178. Sept./Oct. 1944. 8 R323

1713 INSTITUTO TÉCNICO AGRÍCOLA HENEQUENERO. Plantas medicinales de Yucatán. Fomento monthly, 2(14): 6, 16, 25; (15): 9-10, 22. Dec. 1944, Jan. 1945. 8 F734

1714 JONES, T. G. H. Essential oils of the Queensland flora. Part XIX. Roy. Soc. Queensland. Proc. (1943) 55: 85-86. Aug. 14, 1944. 514 B775

The essential oil of *Halfordia kendack*.

1715 JULCH, J. A. Estudio técnico económico sobre el cultivo de la menta piperita en la Provincia de Mendoza. Mendoza (Prov.) Dir. de Indus. y Fomento Agr. B. Agr. 12: 325-333. June/Sept. 1944. 9 M52B

1716 KEITH, R. W. Growing rubber in Costa Rica. Science 101: 508-509. May 18, 1945. 470 Sci2

1717 LELICICH, E. El romero y su esencia. Vida Rural 6(68): 24. Mar. 1945. 9.4 V66

1718 LEON, L. A. El árbol de lacre, su importancia industrial (*Elaeagia utilis* Wedd.). Flora [Quito], 4(11/12): 59-62. May 1944. 450 F662

1719 MELLO, J. C. Renovação da cafeicultura. São Paulo. Supt. dos Serv. do Café. B. 19: 1394-1397. Dec. 1944. 68.29 Sa63

1720 \*MIDBARI, S. The mint and the rue. (In Hebrew.) Hassadeh 25: 152. Feb. 1945. 26 H27

1721 MOLFINO, J. F. El ambay [*Cecropia adenopus*]: un eficaz antiasmático. Chacra 15(173): 70-71. Mar. 1945. 9 C34

1722 MOORE, G. E. Wild foods at every hand. Mo. Conserv. 6(5): 14-15. May 1945. 279.8 M69

1723 MOREAU, R. E. Derris agronomy: an annotated bibliography and a critical review. II-III. East African Agr. J. 10: 168-176, 243-250. Jan., Apr. 1945. 24 Ea74

1724 PARSONS, A. C. What good is ginseng? Nature Mag. 38: 256. May 1945. 409.6 N214

The collection of ginseng roots for export to China.

1725 PELLETT, F. Honey plants for waste land. Amer. Bee J. 85: 155. May 1945. 424.8 Am3

1726 POCHOT, Le camanioc [*Manihot esculenta*] à l'Anse-Bertrand. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 1: 89. Nov. 1944. 8 R327

1727 RORER, M. E. Angelica as a garden plant. Horticulture 23: 258. May 15, 1945. 80 H787



1728 SALINAS, J. L. Algunos apuntes sobre cacao. Rev. Agr. y Ganad. 2(88): 6-7. Oct./Nov. 1944. 9.4 R327

Varieties of cacao and culture in Colombia.

1729 \*SCHMIDT, F. A. Die biene als fruchtbarkeitsmittlerin beim ölkürbisbau. Deut. Bienenwirtsch. 2: 90-91. (To be cont.) June 1944. 424.8 D487

1730 SIERRA S., A. Semilleros y almacigas. Rev. Cafetal. de Guatemala 1(2/3): 48-53. (To be cont.) Jan./Feb. 1945. 68.28 R322

1731 SOTO, E. R. Flores argentinas y sus esencias. Chacra 15(173): 45, 92. Mar. 1945. 9 C34

1732 TARABANOFF, J. La cosecha del té en Misiones. Campo [Buenos Aires] 29(341): 30-31. Mar. 1945. 9 C15

1733 TORRES DE MELLO, A. O urucuzeiro [Bixa orellana] e a sua cultura. Assoc. Com. do Amazonas. B. 4(45): 19-20. Apr. 1945. 286.9 AS7B

1734 VIANNA, A. Oração Açoita-cavalo [Luhea divaricata]. Chacaras e Quintais 71: 308. Mar. 15, 1845. 9.2 C34

1735 VIEGAS, C. P. Culturas acessórias na fazenda de café. II. O milho. São Paulo. Supt. dos Serv. do Café. B. 19: 1371-1377. Dec. 1944. 68.29 Sa63

1736 WALKER, M. A. Herbs to perfume your clothes and linens; a California gardener suggests good kinds to grow and how to use them. Home Gard. 5(5): 37-38. May 1945. 80 H756

1737 WALLS, E. P. Horticultural research produces new crop [sage] that promises success under Md. conditions. Md. U. [Agr.] Ext. Serv. News 30(10): 1-4. Apr. 1945. 275.29 M36EX

1738 WRIGHT, H. J. From Cretan hillsides. Herbarist, No. 11, p. 28-32. 1945. 80 H41

History and description of dittany of Crete.

## SOILS AND FERTILIZERS

### SOIL SCIENCE

1739 \*RODE, A. A. Zhizn' i deiatel'nost' professora Ivana Vladimirovicha Tiurina (Life and activity of Prof. Ivan Vladimirovich Tiurin). Pochvovedenie (Pedology), No. 10, p. 501-503. 1944. 57.8 P34

Russian soil scientist.

### Soil Physics

1740 ALDRICH, D. G., PARKER, E. R., and CHAPMAN, H. D. Effects of several nitrogenous fertilizers and soil amendments on the physical and chemical properties of an irrigated soil. Soil Sci. 59: 299-312. Apr. 1945. 56.8 So3

1741 \*AZEVEDO, A. L. Construção de um nomograma utilizável nos cálculos da análise mecânica do solo. Agros 27: 58-67. Mar./Apr. 1944. 15.5 Ag82

1742 DULEY, F. L. Infiltration into loess soil. Amer. J. Sci. 243: 278-282. May 1945. 470 Am34

1743 \*HÉNIN, S. Comparaison entre l'influence d'un mouillage préalable de particules de terres, par divers liquides, vis-à-vis de leur résistance au défillement dans l'eau et l'influence de ces mêmes prétraitements sur la cohésion de la terre. Paris. Acad. des Sci. Compt. Rend. 218: 725-727. 1944. 505 P21

1744 PAGE, J. B. Your soil problems. Canad. Florist 40: 149-152, 155. (Cont.) May 5, 1945. 80 C163

Physical properties and processes of the soil.

1745 SWINEFORD, A., and FRYE, J. C. A mechanical analysis of wind-blown dust compared with analyses of loess. Amer. J. Sci. 243: 249-255. May 1945. 470 Am34

1746 TORRES FILHO, A. Importância das propriedades físicas do solo para determinação de sua fertilidade. Lavoura 46: 38-41. Oct./Dec. 1943. 9.2 L39

1747 W., S. B. Best time for seed sowing. Pon. Gard. 47: 20-21. Mar. 17, 1945. 80 G1622

Importance of soil moisture, aeration, and temperature in relation to seed germination.

1748 WOODBURN, R. The effect of structure changes in Houston clay on plant development and water relationships. Agr. Engin. 26: 193-195. May 1945. 58.8 Ag33

### Soil Chemistry and Mineralogy

1749 \*ALEKSANDROVA, L. N. O sostave gumusa pochvy sclontsovogo kompleksa (Composition of the humus of the alkaline soil complex). Pochvovedenie (Pedology), No. 10, p. 471-481. 1944. 57.8 P34

English summary.

1750 BOWER, C. A. Separation and identification of phytin and its derivatives from soils. Soil Sci. 59: 277-285. Apr. 1945. 56.8 So3

1751 CARROLL, D. Mineralogy of some soils from the Margaret River district. West. Austral. Dept. Agr. J. (ser. 2) 21: 313-319. Dec. 1944. 23 W52J

1752 \*CASIMIRO, J. DE F. Bases de troca. Agros 27: 28-35. Jan./Feb. 1944. 15.5 Ag82

Base exchange in soils.

1753 CORMINBOEUF, F., and O'GRADY, L. Facteurs affectant le dosage du phosphore et du carbone selon les méthodes respectives de Thornton et de Schollenberger. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 106-107. 517 M76

1754 DELONG, W. A. How can I use a soil analysis? Macdonald Col. J. 5(8): 4, 28. Apr. 1945. 101 M144

1755 FRAPS, G. S. Soil analyses and farm problems. Tex. Livestock J. 4(5): 7, 70. May 15, 1945. 49 T29

1756 GILE, P. L. Effect of different soil colloids on the toxicity of boric acid to foxtail millet and wheat. J. Agr. Res. 70: 339-346. May 15, 1945. 1 Ag84J

1757 KIPLINGER, D. C. The importance of testing soils. Canad. Florist 40: 171-172, 175. (Cont.) May 20, 1945. 80 C163

Also in South. Florist and Nurseryman 58(8): 9-10. May 18, 1945. 80 So86

1758 MCGEORGE, W. T. Base-exchange-pH relationships in semiarid soils. Soil Sci. 59: 271-275. Apr. 1945. 56.8 So3

1759 MEYER, H. Return to the land. II. The pH question. Organic Gard. 6(6): 14-18. May 1945. 56.8 Or3

1760 \*NITZSCH, VON. Charakterisierung wichtiger fruchtbarkeitseigenschaften unserer böden. Mitt. f. die Landw. 58: 1056-1057. Dec. 25, 1943. 18 D48M

1761 OVERSTREET, R. Ionic reactions in soils and clay suspensions: the significance of soil filtrates. Soil Sci. 59: 265-270. Apr. 1945. 56.8 So3

1762 \*POLYNOV, B. B. Valovoi pochvennyy analiz i ego tolkovanie (Bulk analysis of soils and its interpretation). Pochvovedenie (Pedology), No. 10, p. 482-490. 1944. 57.8 P34

1763 ROMANOFF, M. Effect of aeration on hydrogen-ion concentration of soils in relation to identification of corrosive soils. U. S. Natl. Bur. Standards. J. Res. 34: 227-241. Mar. 1945. 157.88 J82

1764 \*RYDALEVSKAIA, M. D., and TISHCHENKO, V. V. O kationnom obmene guminovykh kislot razlichnykh pochvennykh tipov [Cation exchange of humic acids of various soil types]. Pochvovedenie (Pedology), No. 10, p. 491-499. 1944. 57.8 P34

English summary.

### Soil Biology

1765 ASHMORE, A. S. Earth worms and New Zealand soils. Straight Furrow 4(5): 29-30. Mar. 15, 1945. 281.8 St8

1766 BLAIR, I. D. Techniques for soil fungus studies. New Zeal. J. Sci. and Technol. Sect. A, Agr. 26: 258-271. Feb. 1945. 514 N48A



- 1767 ESCOBAR, A. Vacunación de las tierras. Agr. Mex. 60(10): 8-9. Oct. 1944. 8 Ag8  
Inoculation of legumes.
- 1768 \*KRASSILNIKOV, N. A. Phytohormonal activity of soil bacteria. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 45: 80-83. Oct. 20, 1944. 511 P444
- 1769 MCCALLA, T. M. Influence of microorganisms and some organic substances on soil structure. Soil Sci. 59: 287-297. Apr. 1945. 56.8 So3
- 1770 PIÑEIRO, A. La importancia de las bacterias en el suelo. Café de El Salvador 15: 66-67. Feb. 1945. 68.28 C112
- 1771 RAMÍREZ, G. Nitrificación de los cultivos. Rev. Agr. y Ganad. 8(89): 18. Dec. 1944. 9.4 R327  
Legumes and manure as sources of nitrogen.
- 1772 VAN DER LAAT, J. E. El suelo es un medio lleno de vida. Panama. Min. de Agr. y Com. Rev. de Agr. y Com. 4(42): 10-11. Feb. 1945. 8 R3291  
Also in Agrario 9(358): 3. Mar. 29, 1945. 9.3 Ag85
- 1773 \*WAXMAN, Z. A. Soil fungi. (In Hebrew.) Hassadeh 25: 197. Mar. 1945. 26 H27

#### Soil-Plant Relationships and Soil Requirements

- 1774 THEUNE, J. Exigencias de las cosechas de elementos minerales. Agrario 9(357): 3. Mar. 15, 1945. 9.3 Ag85
- 1775 WALSH, T. The value of peat-land. Agr. Ireland 3: 55-56, 61. (Cont.) May 1945. 10.5 Ag8  
Suitability of various crops for cultivation on peat land.
- 1776 WITTWER, S. H., SCHROEDER, R. A., and ALBRECHT, W. A. Vegetable crops in relation to soil fertility: II. Vitamin C and nitrogen fertilizers. Soil Sci. 59: 329-336. Apr. 1945. 56.8 So3
- Soil Genesis, Formation, Classification, and Mapping
- 1777 \*BERG, L. S. Zhizn' i pochvoobrazovanie na dokembriiskikh materikakh (Life and soil-formation on Precambrian continents). Priroda 33(2): 28-35. 1944. Ref. 410 P933
- 1778 BRYAN, K. Glacial versus desert origin of loess. Amer. J. Sci. 243: 245-248. May 1945. 470 Am34
- 1779 ELIAS, M. K. Loess and its economic importance. Amer. J. Sci. 243: 227-230. May 1945. 470 Am34
- 1780 FIFE, C. V. Study of a yellow-grey loam in the Manawatu. New Zeal. J. Sci. and Technol. Sect. A, Agr. 26: 281-293. Feb. 1945. 514 N48A
- 1781 HIGBEE, E. C. The river is the plow. Sci. Monthly 60: 405-416. June 1945. 470 Sci23  
Soil types and uses, flooding and silting of the land, land ownership, and economic activities in the Amazon River basin.

1782 KILLIAN, C. Un cas très particulier d'humification au désert, due à l'activité des micro-organismes dans le sol des nebkas. Rev. Canad. de Biol. 4(1): 3-36. Apr. 1945. 442.8 R325

1783 \*KONONOVA, M. M. K izucheniiu protsessov novobrazovaniia gumusovykh veshchestv (Study of the processes of formation of humic substances). Pochvovedenie (Pedology), No. 10, p. 456-470. 1944. 57.8 P34

English summary.

1784 \*KOVDA, V. A. Pochvennyi pokrov Irana (Soil cover of Iran). Pochvovedenie (Pedology), No. 9, p. 433-435. 1944. 57.8 P34

1785 \*LIVEROVSKIĬ, I. A. Atlas amerikanskikh pochv K. F. Marbuta i ego znachenie dlia pochvovedeniia (C. F. Marbut's atlas of American soils and its role in soil science). Pochvovedenie (Pedology), No. 9, p. 410-418. 1944. 57.8 P34

English summary.

1786 OBRUCHEV, V. A. Loess types and their origin. Amer. J. Sci. 243: 256-262. May 1945. 470 Am34

1787 \*POLYNOV, B. B., and ROZOV, N. N. Usloviia pochvoobrazovaniia i pochvy Maloi Azii (Conditions of soil formation and soils of Asia Minor). Pochvovedenie (Pedology), No. 9, p. 426-432. 1944. 57.8 P34

1788 \*PRASOLOV, L. I., and PETROV, B. F. Pochvy Zapadnoi Evropy s tochki zreniia russkoi shkoly pochvovedeniia (Soils of western Europe from the view point of the Russian school of pedology). Pochvovedenie (Pedology), No. 9, p. 393-409. 1944. 57.8 P34

English summary.

1789 \*ROSENBERG, A. The hard crust of the Negeb soils. (In Hebrew.) Hassadeh 25: 145-146. Feb. 1945. 26 H27

1790 SCHULTZ, C. B., and STOUT, T. M. Pleistocene loess deposits of Nebraska. Amer. J. Sci. 243: 231-244. May 1945. 470 Am34

1791 \*SHOKAL'SKAIA, Z. I. U. Novaiia pochvennaia karta Afriki (A new soil map of Africa). Pochvovedenie (Pedology), No. 9, p. 419-425. 1944. 57.8 P34

English summary.

Soil map in colors.

1792 SPANGENBERG, G. Tierras y pasturas del departamento de Cerro Largo. - El problema que plantea la persistente sequia. - Recuperación de pastos. Uruguay. U. Facul. de Agron. Rev., No. 37, p. 53-81. Aug. 1944. 102.5 M76R

Includes chemical and mechanical soil analyses.

1793 THAYER, C. H. How to take a soil sample. Mass. State Col. Ext. Soil Auger, Apr. 28, 1945, p. 3, processed. 275.29 M381So

1794 THORP, J. Significance of loess in classification of soils. Amer. J. Sci. 243: 263-270. May 1945. 470 Am34

1795 \*TIURIN, I. V. K izucheniiu protsessov podzoloobrazovaniia; opyt izucheniiu vodnorastvorimogo gumusa podzolistoi pochvy (Study of the process of podzol formation). Pochvovedenie (Pedology), No. 10, p. 441-455. 1944. 57.8 P34

English summary.

Chemical characteristics of water-soluble humus from podzolic soils.

1796 VARELA, G. El Catastro Nacional y el estudio de los suelos. Rev. Agr. y Ganad. 8(89): 19. Dec. 1944. 9.4 R327

1797 \*VILENSKIĬ, D. G. Vliianie sovetskogo pochvovedeniia na razvitie mirovoi kartografii pochv (Soviet pedology and the development of world soil cartography). Pochvovedenie (Pedology), No. 9, p. 377-392. 1944. 57.8 P34

English summary.

1798 WILLIAMS, B. H. Sequence of soil profiles in loess. Amer. J. Sci. 243: 271-277. May 1945. 470 Am34

#### SOIL MANAGEMENT

1799 ANDRADE, B. M. DE. Pastagens - IV. Degradação das pastagens e metodos de melhoramento. Rev. dos Criadores 16(2): 26-30. Feb. 1945. 43.8 R32  
Pasture management, including erosion control and refertilization.

1800 BEAUMONT, A. B. Land improvement. Mass. State Col. Ext. Soil Auger, Apr. 28, 1945, p. 2-3, processed. 275.29 M381So

1801 BEAUMONT, A. B. More cost figures on land improvement. Mass. State Col. Ext. Soil Auger, Apr. 28, 1945, p. 7, processed. 275.29 M381So

Costs of removing field stones, building stone walls, drainage, and constructing farm ponds.

1802 BLACK, J. D. Notes on "poor land," and "submarginal land." J. Farm Econ. 27: 345-374. May 1945. 280.8 J822

Social and economic implications and consequences of differences in quality and characteristics of land and soils.



- 1803 BRIGGS, F. A. "Absentee-minded" or "absent-minded"? Farm and Ranch 64(5): 8. May 1945. 6 T31  
Soil mismanagement and waste under tenant farming.
- 1804 ELLIS, F. E. Will they come back? Welland County [Ontario], farms are losing their young people and their fertility. What can be done to stop this exodus? Family Herald and Weekly Star 76(2): 2, 4. Jan. 10, 1945. 7 F21  
Mainly soil management.
- 1805 ERLIJMAN, M. El problema del aumento de la producción en Cuyo - Como resolverlo en estos momentos? Rev. Mens. B. A. P. 28(329): 19-26. Apr. 1945. 9 R326  
Importance of soil condition and management.
- 1806 GOODWIN-WILSON, R. Soils in relation to gardening. Canad. Hort. & Home Mag., Floral Ed. 68: 91-92. Apr. 1945. 80 C16F
- 1807 JOHNSON, C. Better herefords through wise land use. Amer. Hereford J. 36(2): 16-17. May 15, 1945. 43.8 Am32  
Soil and pasture management.
- 1808 MOORE, E. C. Improve permeability in orchard soils. Tex. Farming and Citric. 21(11): 8. May 1945. 80 T31
- 1809 NAUDE, P. J. Tobacco lands after the harvest. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 109, 2 p. Pretoria, 1945. 24 So82Pa  
Soil management.
- 1810 \*ROEMER, C. H. "Ackerbau tut not." Nationalsoz. Landpost, No. 3, p. 2. Jan. 19, 1945. 18 N212  
Soil management.
- Soil Fertility
- 1811 ALBRECHT, W. A. As ye fertilize, so shall ye reap. Your Farm 3(8): 1-4. July 1945. 6 Y8
- 1812 ALBRECHT, W. A. Our soil - an active body. Philfarmer, second quarter 1945, p. 2, 3. (Concl.) 6 P53  
Importance of natural forces in soil development and fertility.
- 1813 ALBRECHT, W. A. Our soil holds our future. Family Herald and Weekly Star 76(8): 7, 11. Feb. 21, 1945. 7 F21  
Relation between soil fertility and the quality of products grown on the soil.
- 1814 ALBRECHT, W. A. The story of four haystacks. Land [Baltimore], 4: 228-232. Spring 1945. 279.8 L22  
Effect of fertilizing on quality of hay. Cattle readily distinguish the difference.
- 1815 ALMADA SAPRIZA, H. En defensa de los ranjales. Paraguay. Min. de Agr. Rev., No. 5, p. 54-57; No. 6, p. 47-48. Jan.-Feb. 1945. 9.7 Ag8Re  
Need for restoration of humus to the soil, through accumulation and decay of leaves and other vegetation.
- 1816 AVIGDOR, S. L'assolement de guerre et la jachère estvale. Egypte Agr. 42: 264-265. Nov./Dec. 1944. 24 Un32
- 1817 BAVER, L. D. Nitrogen pays big, suckering doesn't. Prog. Farmer, Car.-Va. Ed. 60(6): 17. June 1945. 6 P945  
Use of nitrogen as fertilizer for corn.
- 1818 \*BEINERT, K. Verbesserung des stickstoffhaushalts der böden durch planmassigen einsatz der wirtschaftsdünger. Mitt. f. die Landw. 58: 965-967. Nov. 20, 1943. 18 D48M
- 1819 BENNETT, H. W. Pasture fertilization. Shorthorn World 30(5): 18-19. May 10, 1945. 43.8 Sh8
- 1820 BORDELEAU, R. Engrais chimiques pour tabac jaune. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 106. 517 M76
- 1821 BOYNTON, D. Recent advances in orchard fertilization practices. N. Y. State Hort. Soc. Proc. (1945) 90: 67-71. 81 N484
- 1822 BRASHER, E. P. Potatoes respond to commercial fertilizers. Peninsula Hort. Soc. Trans. (1944) 58: 66-67. 81 P37
- 1823 CALL, H. M. 140 years on our farm. Land [Baltimore], 4: 140-144. Spring 1945. 279.8 L22  
Soil deterioration and improvement.
- 1824 COLBY, W. G. Prospects for nitrogen consumption in Massachusetts. Farm for Victory, No. 17, p. 13. Apr. 1945. 281.8 F226  
Suggests use of nitrogen fertilizers for forage crops and pastures.
- 1825 COOPER, J. R. It's better to fertilize the soil, not the peach trees. Farm for Victory, No. 17, p. 8-9. Apr. 1945. 281.8 F226
- 1826 CORRIE, F. E. Some elements of plants and animals. Fert., Feed. Stuffs and Farm Supplies J. 31: 263, 265-266. May 9, 1945. 57.8 F413  
Trace elements in plant and animal nutrition.
- 1827 CUMMING, M. Improving Maritime pastures. Family Herald and Weekly Star 76(6): 10. Feb. 7, 1945. 7 F21  
Use of fertilizers.
- 1828 DANSEREAU, P. Who shall occupy this land? Family Herald and Weekly Star 76(6): 3, 4. Feb. 7, 1945. 7 F21  
Importance of vegetative cover for soil protection and improvement.
- 1829 DAVIS, F. L. Do winter legumes affect the response of cotton to commercial nitrogen? Farm for Victory, No. 17, p. 4. Apr. 1945. 281.8 F226
- 1830 DAWSON, G. T. Green manuring. For better crop production in the Hunter Valley. Agr. Gaz. N. S. Wales 56: 97-98, 104. Mar. 1, 1945. 23 N472
- 1831 DEACON, G. E. The result of potassium deficiency in the soil. Natl. Rose Soc. Rose Ann. 1945: 73. 84 N21  
Effect of deficiency on roses; and fertilizing to correct it.
- 1832 ELLIS, F. E. The last cash crop. Family Herald and Weekly Star 76(2): 6. Jan. 10, 1945. 7 F21  
Value of manure and alfalfa in soil improvement.
- 1833 EMSLIE, L. Rank growth may be problem. Family Herald and Weekly Star 76(19): 16. May 9, 1945. 7 F21  
Problem of using the right fertilizers.
- 1834 FOSTER, R. E. D. Utilization of old cultivated lands. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 104, 2 p. Pretoria, 1945. 24 So82Pa  
Improvement and restoration of abandoned lands.
- 1835 \*G., H. The conference on soil fertility and application of organic manure. (In Hebrew.) Hassadeh 25: 146-147. Feb. 1945. 26 H27
- 1836 GALLUP, C. M. Farm wisely, like the Indians. Land [Baltimore], 4: 236-238. Spring 1945. 279.8 L22  
Importance of humus and control of weeds.
- 1837 GUEVARA C., E. La cal en el campo. Vida Rural 6(67): 27-28. (Cont.) Feb. 1945. 9.4 V66
- 1838 HARDY, S. Fertilizer tests on sage, basil, savory and tarragon. Herb Soc. Amer. B. 5, 7 p. Boston, Mass., 1945. 81 H41
- 1839 HARTMAN, J. Heavy fertilizing brings bigger tomato yields. Food Packer 26(6): 62. May 1945. 286.83 C165
- 1840 HENDRICKSON, B. H. Raising the fertility level. Soil Conserv. 10: 253-254. May 1945. 1.6 So3S
- 1841 HOFFER, G. N. Fertilizing golf greens. Better Crops with Plant Food 29(4): 9-12, 41-43. Apr. 1945. 6 B46
- 1842 HOPKINS, D. P. Are fertilisers un-natural? Gard. Illus. 64: 575. May 1945. 80 G169  
Balanced fertilization requires use of humus materials, organic fertilizers, and chemical fertilizers.
- 1843 HOWARD, SIR A. Health building for the future. Organic Gard. 6(6): 9-10. May 1945. 56.8 Or3  
Importance of soil fertility to quality of products grown and to human health.



- 1844 HUFF, W. C. Real cover crops can be grown. *Amer. Agr.* 142: 225. May 19, 1945. 6 Am3
- 1845 HUTCHESON, T. B., and CUMMINGS, R. W. Corn yields increased by use of nitrogen. *South. Planter* 106(5): 17. May 1945. 6 So89
- 1846 KNAUS, K. Your farm - its past and its future. *Through the Leaves* 33(2): 28-33. Mar./Apr. 1945. 66.8 T41
- Management of the soil to preserve its fertility.
- 1847 LARSON, H. W. E. Late application of nitrogen pays dividends in Idaho. *Farm for Victory*, No. 17, p. 11. Apr. 1945. 281.8 F226
- 1848 LETELIER A., E. Tres años de ensayos de abonos en trigo. *Chile. Dir. Gen. de Agr. Agr. Tec.* 4: 209-223. Dec. 1944. 464.9 C432B
- 1849 LEWIS, R. D., and O'BRIEN, H. R. Postwar headache powders. *Country Gent.* 115(6): 17, 48-49. June 1945. 6 C833
- Program for maintenance of soil productivity and fertility in Ohio.
- 1850 LUNDSTROM, L. M. Manure means wealth to irrigated farm. *Irrig. Farmer* 3(1): 3, 6. May 3, 1945. 55.8 Ir78
- 1851 MATEUS, L. El empleo de los abonos en el mejoramiento de las tierras. *Manabí, Ecuador. Consorcio de Cent. Agr. B.* 6(41): 22-24. Jan./Feb./Mar. 1945. 9.5 M31
- 1852 MURPHY, H. F. Legumes, key to soil improvement. *Farmer-Stockman* 53: 141, 179. May 1945. 6 O245
- 1853 MUSSER, A. M. Fertilizing peach trees in South Carolina. *Farm for Victory*, No. 17, p. 4-5. Apr. 1945. 281.8 F226
- 1854 OLSON, L. C. Corn production in Georgia. *Farm for Victory*, No. 17, p. 2. Apr. 1945. 281.8 F226
- Importance of varieties, quantity planted per acre, and fertilizers.
- 1855 \*ORTEGA NIEBO, J. M. Estudio sobre experimentación en el olivar. Aplicación a una experiencia de fertilización nitrogenada en el olivo. *Spain. Inst. Mac. de Invest. Agron. B.* 11, p. 281-315. Dec. 1944. 105.6 Sp14
- 1856 OTIS, J. R. High yields and profits. *Negro Farmer* 6(4): 2. May 1945. 275.28 N31
- Importance of green manure crops as fertilizers.
- 1857 PADEN, W. R. Recommended practices for corn production in South Carolina. *Farm for Victory*, No. 17, p. 6-7. Apr. 1945. 281.8 F226
- Importance of varieties, proper planting, cultivation, and use of fertilizers.
- 1858 PHILLIPS, C. E. Maintaining organic matter in the soil. *Peninsula Hort. Soc. Trans.* (1944) 58: 59-62. 81 P37
- 1859 POWDER, H. C. What's Hereford got that we haven't? *Ranchman* 5(1): 28, 34. May 1945. 49 R15
- Relation between soil fertility, quality of products grown on it, and human health. Refers to soil area in which Hereford, Tex., is located.
- 1860 REICHART, M. A. L. Algunas formas de acrecentar la productividad de los suelos. *Buenos Aires y la Pampa*, No. 78, p. 5-7. Feb. 1945. 9 B868
- Soil management.
- 1861 RICHARDSON, H. B., and MINGES, P. A. Effect of nitrogen on early sweet corn. *Your Farm* 3(7): 35-36. May 1945. 6 Y8
- 1862 ROST, C. O. Fertilizers increase potato yields in Red River Valley. *Minn. Farm and Home Sci.* (Minn. Sta.) 2(3): 15. May 15, 1945. 100 M668
- 1863 ROST, C. O. The importance of soil organic matter. *Minn. Hort.* 73: 68-69. May 1945. 81 M66
- 1864 SCARSETH, G. D. Lend of milk and honey. *Nation's Agr.* 20(5): 6, 11. May 1945. 280.82 B89
- Importance of soil fertility.
- 1865 SCARSETH, G. D. Nitrogen fertilizers for orchards. *Mich. State Hort. Soc. Ann. Rpt.* (1944) 74: 75-77. 1945. 81 M58

- 1866 SCARSETH, G. D. Pour une plus grande fertilité du sol. *Petit Casablancais* 31(1207): 4. Apr. 7, 1945. 280.8 P44
- 1867 SCARSETH, G. D. To feed plants wisely you must know your soils, fertilizers and plants. *Mich. State Hort. Soc. Ann. Rpt.* (1944) 74: 90-93. 1945. 81 M58
- 1868 SEVERSON, H. Rotating grasses with rice builds up land. *Seed World* 57(9): 10, 12. May 4, 1945. 61.8 Se52
- 1869 SNIDER, H. J. The effectiveness of phosphate fertilizer. *Better Crops with Plant Food* 29(4): 25-26, 45-48. Apr. 1945. 6 B46
- 1870 STANLEY, J. Building soil fertility; place of sweet clover as a green manure. *New Zeal. Farmer* 66(3): 4. Apr. 5, 1945. 23 N484
- 1871 STAUFFER, W. H. Rebuilding wornout soil. *Natl. Farm Chemurg. Council. Chemurg. Papers*, 1945, ser. 2, No. 405, 4 p., processed. Columbus, Ohio, 1945. 381 N213P
- 1872 STENNETT, H. E. A new cover crop [chickweed] for vineyards. *Soil Conserv.* 10: 255. May 1945. 1.6 So3S
- 1873 STEWART, P. H. Preserving the soils that support us; favorable growing weather in 1944 threw spotlight on soil fertility. *Irrig. Farmer* 3(2): 1, 10, 11. June 7, 1945. 55.8 Ir78
- 1874 TINDALL, C. "Winter" legumes boost yields. *Mo. Ruralist* 86(10): 5, 15. May 26, 1945. 6 R8891
- 1875 VALERO R., J. Por qué deben fertilizarse los suelos. *Vida Rural* 6(67): 15-16; (68): 28. (Cont.) Feb.-Mar. 1945. 9.4 V66
- 1876 VAN GARDEREN, J. Autumn is the farmer's "saving season." *Farmer* [Pietermaritzburg] 33(16): 8. Apr. 21, 1944. 24 F227
- Conservation of organic matter.
- 1877 VAN GARDEREN, J. Fertilizers and its [sic] influence on quality. *Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser.* 106, 2 p. Pretoria, 1945. 24 So82Pa
- 1878 VARELA L., G. La materia orgánica en los suelos. *Rev. Agr. y Ganad.* 8(88): 12-13. Nov. 1944. 9.4 R327
- 1879 VOLK, G. W. Response to residual phosphorus of cotton in continuous culture. *Amer. Soc. Agron. J.* 37: 330-340. May 1945. 4 Am34P
- 1880 WILDE, S. A., and ROSENDAHL, R. O. Value of potassium feldspar as a fertilizer in forest nurseries. *J. Forestry* 43: 366-367. May 1945. 99.8 F768
- 1881 WILLIAMSON, J. T. Nitrogen boosts yields of corn. *This Month in Rural Als.*, May 3, 1945, p. 2. 6 T34

#### Soil Tilth and Tillage

- 1882 BARAÑAO, T. V. Teorías modernas sobre las labranzas del suelo. *Rev. Mens. B. A. P.* 28(325): 47-49, 51, 53-54. Dec. 1944. 9 R326
- 1883 BARNES, O. K. Pitting land pays dividends at Archer experiment farm. *Wyo. Stockman-Farmer* 51(5): 1-2. May 1945. 6 W992
- Pitting land for moisture conservation.
- 1884 C., T. Preparation of turnip land. *Farmers' Gaz. [Dublin]* 103: 279. May 12, 1945. 10 F221
- 1885 \*CAPULER, B. Addenda to "Preparing the soil for the vegetable garden in spring." (In Hebrew.) *Hassadeh* 25: 151. Feb. 1945. 26 H27
- 1886 HARLAN, P. W. Something must be wrong. *Citrus Leaves* 25(5): 8-9, 27. May 1945. 80 C492
- Injurious effects of too frequent cultivation of orchard soils, especially the over-use of cover crops.
- 1887 HAWKES, M. E. Hotbeds give garden plants a good start. *Family Herald and Weekly Star* 76(12): 10. Mar. 21, 1945. 7 F21
- Preparation of the soil for hotbeds.
- 1888 \*KNEBUSCH. Bodenbearbeitung gestern und heute. *Mitt. f. die Landw.* 58: 1038. Dec. 18, 1943. 18 D48M



- 1889 \*KOSOROTOV, I. Effektivnost' rykhlenifa pochvy pered vesnovopashkoi [Effectiveness of breaking up the soil before spring plowing]. Sovkhoz. Proizvod. 5(1/2): 31-32. Jan./Feb. 1945. 20 So85
- 1890 NISSLEY, C. H. Summary of illustrated talk on tomato culture. Canad. Hort. & Home Mag., Growers' Ed. 68: 98-99. Apr. 1945. 80 C16
- Mulching, soil preparation, correction of soil acidity.
- 1891 \*WAGER, J. A. Straw mulching of summer vegetables. (In Hebrew.) Hassadeh 25: 178. Mar. 1945. 26 H27
- 1892 WAGER, V. A. Straw mulch--first aid for vegetables. Farmer [Pietermaritzburg] 33(44): 7. 14. Nov. 3, 1944. 24 F227
- 1893 WEBER, N. M. To spade or not to spade. Home Gard. 5(5): 75-77. May 1945. 80 H756
- Vegetables grown in spaded and unspaded soil.
- 1894 WELLS, W. G. Early ploughing for cotton. Queensland Agr. J. 60: 74-77. Feb. 1, 1945. 23 Q33
- Plowing as an aid to the best utilization of soil moisture.
- Drainage, Irrigation, Water Supply, and Flood Control
- 1895 BATIE, J. R. Many problems in transition to irrigation. Irrig. Farmer 3(1): 1. May 3, 1945. 55.8 Ir78
- 1896 BINGHAM, G. H. Contour ditch irrigation. Mont. Farmer 32(17): 1, 13. May 1, 1945. 6 M764
- 1897 BROWN, F. E. Measurement of farm irrigation water. Irrig. Farmer 3(1): 2. May 3, 1945. 55.8 Ir78
- 1898 BROWN, F. E. Pointers in irrigating the victory garden. Irrig. Farmer 3(2): 2, 9. June 7, 1945. 55.8 Ir78
- 1899 CHILDS, E. C. The water table, equipotentials, and streamlines in drained land: II. Soil Sci. 59: 313-327. Apr. 1945. 56.8 So3
- 1900 COOPER, R. Algunas observaciones sobre el riego. Cons. Práct. 10(111): 1-5. Mar. 1945. 80 C762
- 1901 DARE, H. H. The divining rod in New South Wales. Country Life [Sydney] 56(37): 7. Mar. 30, 1945. 286.85 Sy2
- Location of underground water.
- 1902 DARE, H. H. Use of underground water for the farmstead and for irrigation. Country Life [Sydney] 56(39): 16. Apr. 13, 1945. 286.85 Sy2
- 1903 EDMUNDSON, W. C. Irrigation of potatoes. Irrig. Farmer 3(1): 7. May 3, 1945. 55.8 Ir78
- 1904 EDMUNDSON, W. C. Irrigation of potatoes in Colorado. Agr. Leaders' Digest 26(4): 24-25. Apr. 1945. 275.28 Am3
- 1905 \*GARCÍA-TEJERO, F. D. El riego por rebosadura. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg. 31(25): 1-8. July 1944. 15 H68
- 1906 HAMILTON, R. J. The planning of an irrigation system and its operation. Peninsula Hort. Soc. Trans. (1944) 58: 29-34. 81 P37
- 1907 HUNT, I. V. Marshland improvement. Farmers Weekly [London] 22(19): 29. May 11, 1945. 10 F2226
- 1908 JOHNSTON, J. C. Good irrigation practice for citrus orchards. Calif. Citrog. 30: 220-221. May 1945. 80 C125
- 1909 KAAS, A. Improved irrigation practices in the Sacramento Valley. Spreckels Sugar Beet B. 9: 17, 18. May/June 1945. 66.8 Sp7
- Irrigation of sugar beets.
- 1910 KEHRLEIN, O. California's double problem--drought and flood. Home Gard. 5(5): 26-29. May 1945. 80 H756
- Necessity for irrigation in gardening.
- 1911 KLINTWORTH, H. Brak water for irrigation purposes. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 103. 2 p. Pretoria, 1945. 24 So82Pa
- 1912 LARSEN, L. F. Plastic siphon tubes in modern irrigation. Irrig. Farmer 3(2): 5. June 7, 1945. 55.8 Ir78
- 1913 LEWIS, M. R. Time and amount of irrigation; dependent on rate at which crops use water and water-holding capacity of soil. Irrig. Farmer 3(2): 1, 6. June 7, 1945. 55.8 Ir78
- 1914 LYON, A. V. Frequency of irrigation with relation to citrus. Austral. Dried Fruits News 21(5): 3. Mar. 1945. 286.83 Au72
- 1915 MAHER, W. H. Awakening due on water conservation. West Austral. Wheatgrower 14(37): 8. Jan. 4, 1945. 23 W523
- 1916 MILLER, D. G. Choose your drain tile to fit your soil. Minn. Farm and Home Sci. [Minn. Sta.] 2(3): 6-8. May 15, 1945. 100 M668
- 1917 MORETTI, O. Sistemas utilizados para fijar dunas y médanos. Campo [Buenos Aires] 29(341): 34-36, 52. Mar. 1945. 9 C15
- 1918 OLMOS CASTRO, A. Los proyectos y obras de irrigación en la Provincia de Santiago del Estero. Gac. Algodonera 22(254): 20-23. (Concl.) Mar. 31, 1945. 72.8 G11
- 1919 PENNEFATHER, R. R. An action programme to fight salt accumulation in irrigated land. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newsletter. No. 2, p. 1-2. Oct. 1944. 55.9 G87
- 1920 PENNEFATHER, R. R. Controlled irrigation - its meaning & methods. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newsletter. No. 3, p. 1-2. Jan. 1945. 55.9 G87
- 1921 PENNEFATHER, R. R. Importance of large flows in irrigation. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newsletter. No. 3, p. 3-4. Jan. 1945. 55.9 G87
- 1922 PENNEFATHER, R. R. Irrigation methods must suit soil types. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newsletter. No. 3, p. 8. Jan. 1945. 55.9 G87
- 1923 PHILLIPS, C. N. Flood control requires valleys nature provides. Elect. World 123(21): 76-78. May 26, 1945. 335.8 EL2
- 1924 POWELL, H. Does the Missouri need an MVA? Country Gent. 115(6): 13, 38, 40-42. June 1945. 6 C833
- Importance of proposed Missouri River development for irrigation and flood control.
- 1925 RAMÍREZ CALDERÓN, R. El desagotamiento de las lagunas. Res 13: 17251. Mar. 20, 1945. 286.85 R31
- Drainage by use of explosives.
- 1926 RAMOS GALVÁN, M. Irrigación del valle de Portoviejo. Manabí, Ecuador. Consorcio de Cent. Agr. B. 6(41): 38-49. Jan./Feb./Mar. 1945. 9.5 M31
- 1927 REEVES, E. A. Spreading run-off water makes tame grasses valuable. Wyo. Stockman-Farmer 51(6): 1, 3. June 1945. 6 W992
- 1928 RICHARDS, E. V. The flood problem in Iraq. Inst. Civ. Engin. J. 24(6): 145-168. Apr. 1945. 290.9 In74J
- Floods, flood control, and provision of water supply for irrigation.
- 1929 ROHWER, C. Sinking and developing irrigation wells. Irrig. Farmer 3(1): 4, 5. May 3, 1945. 55.8 Ir78
- 1930 SECANE C., E. El riego de la caña en el Perú. Indus. Azucarera 50: 624-629; 691-699. (Cont.) Nov.-Dec. 1944. 65.8 In22
- 1931 SHANNAHAN, N. M. Artesian wells for irrigation on the peninsula. Peninsula Hort. Soc. Trans. (1944) 58: 47-49. 81 P37
- 1932 SNELL, R. S. Ray Anderson made drought pay irrigating his sweet corn. N. J. Farm and Gard. 16(5): 18-19. May 1945. 6 G162
- 1933 STAEBNER, F. E. Water supply and equipment for irrigation. Peninsula Hort. Soc. Trans. (1944) 58: 35-42. 81 P37
- 1934 SURFACE, V. A. Improved irrigation methods boost Utah farm production. Utah Farmer 64(18): 1, 22, 23. May 10, 1945. 6 D45
- 1935 SUTTON, J. G. The design of drainage systems. Agr. Engin. 26: 196-198. May 1945. 58.8 Ag83



- 1936 \*TAMES, C. Métodos para el estudio de los suelos y tierras cultivadas. Pt. IV - Análisis de aguas para el riego. Spain. Inst. Nac. de Invest. Agron. B. 11, p. 121-236. Dec. 1944. 105.6 Sp14
- 1937 THOMAS, L. G. "Water, water, everywhere - ." Fla. Grower 53(5): 12, 17. May 1945. 80 F6622

The water supply of Florida.

- 1938 TOWSON, A. L. Growers' experience with irrigation. Peninsula Hort. Soc. Trans. (1944) 58: 49-50. 81 P37

- 1939 U.S. SOIL CONSERVATION SERVICE. IRRIGATION DIVISION. Runoff and storage prospects - 1945. Elect. West 94(5): 63-65. May 1945. 335.8 J82

- 1940 VALENZUELA A., V. M. Corrección rápida de suelos con subsuelos impermeables de "sebos de burro" (Horizonte Gley, Clay-Pan, etc.) por medio del drenaje químico complementario del drenaje arterial o hidráulico. Unión Agr. del Sur 3(16): 19-22. Mar. 1945. 9.3 Un3

- 1941 WAGNER, V. J. Reclamation of salted land. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newslet. No. 2, p. 5-6. Oct. 1944. 55.9 G87

- 1942 WALLIS, G. A. To make the desert bloom. N. Mex. Mag. 23(5): 9-11. May 1945. 288.8 N46
- An irrigation project in New Mexico.

- 1943 WALTERS, D. V. Calculations for controlled irrigation. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newslet. No. 3, p. 5. Jan. 1945. 55.9 G87

- 1944 WALTERS, D. V. Daylight-only watering. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newslet. No. 1, p. 5-6. Mar. 1945. 55.9 G87

- 1945 WALTERS, D. V. Preparation for winter drainage; care in autumn irrigation. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newslet. No. 1, p. 8. Mar. 1945. 55.9 G87

- 1946 WALTERS, D. V. What is salt damage? Its origin, diagnosis and prevention. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newslet. No. 2, p. 3-4. Oct. 1944. 55.9 G87

- 1947 WATERMAN, W. C. Proper irrigation demands careful study. Spreckels Sugar Beet B. 9: 19. May/June 1945. 66.8 Sp7

Irrigation of sugar beets.

- 1948 WELCH, J. H. Harnessing the Rio Grande. Tex. Farming and Citric. 21(11): 5, 18. May 1945. 80 T31

Development of the river for various purposes, including flood control, irrigation, and regulation of drainage.

- 1949 WOODWARD, L., and CRADDOCK, G. W. Surface runoff potentials of some Utah range-watershed lands. J. Forestry 43: 357-365. May 1945. 99.8 F768

- 1950 YOUNG, W. R. Arizona irrigation projects defy imagination. West. Construct. News 20(4): 102-103. Apr. 1945. 290.8 W522

#### Erosion and Erosion Control

- 1951 BASS, E. A. Stop "break-overs" in contour rows. Wallaces' Farmer and Iowa Homestead 70: 14. May 5, 1945. 6 W15

- 1952 BEAUMONT, A. B. Conservation practices boost food production. New England Homestead 118(9): 6-7. May 12, 1945. 6 N442

- 1953 BENNETT, H. H. Land - and the Union of South Africa. Survey Graphic 34: 232-235. May 1945. 280.8 C37G

- 1954 BOYLE, J. "Power plants" of the South's new agriculture. Farm Mach. and Equip., May 1945, p. 7-8, 34-36, 38. 58.8 F225

Chiefly soil conservation and management.

- 1955 BROWN, C. B. Protecting municipal watersheds in Southeastern States. Pub. Works 76(5): 30-34. May 1945. 290.8 M922

Damaging effects of soil erosion shown in turbidity of water and silting of reservoirs. Protection through reforestation and soil conservation.

- 1956 BUIE, T. S. Idle acres in the Southeast can be put to work. Better Crops with Plant Food 29(4): 13-17, 43-45. Apr. 1945. 6 B46

Soil conservation and improvement.

- 1957 CATON, H. F. Controlling erosion in big California cut. Roads and Streets 88(4): 63-66. Apr. 1945. 288.8 R536

- 1958 CHAMBERLAIN, H. D. Our soil conservation district. Land [Baltimore] 4: 194-196. Spring 1945. 279.8 L22

- 1959 CLARK, M. W. A terracing challenge to engineers. Agr. Engin. 26: 187-189. May 1945. 58.8 Ag83

- 1960 CLARK, S. Hold down that farm! Carolina Co-op. 23(5): 12-14. May 1945. 72.8 N81

Soil management, especially conservation practices.

- 1961 COHEE, M. H. Soil conservation districts and returning veterans. Soil Conserv. 10: 235-238. May 1945. 1.6 So3S

- 1962 COTTON, J. Lee Linkous levels his sloping land by contour plowing. South. Planter 106(5): 18-19. May 1945. 6 So89

- 1963 DEMERS, A. Soil should be sacred. Family Herald and Weekly Star-76(22): 3, 4. May 30, 1945. 7 F21

- 1964 FINNELL, H. H. Another dust bowl? Yes, if more than one-tenth of the Plains farmers are willing to let it happen! Land [Baltimore] 4: 219-224. Spring 1945. 279.8 L22

- 1965 FLYNN, C. A. Edafología y conservación de suelos. Uruguay. U. Facul. de Agron. Rev., No. 37, p. 19-52. Aug. 1944. 102.5 M76R

- 1966 GOETTLER, W. Contour - erosion control. Your Farm 3(7): 37-43. May 1945. 6 Y8

- 1967 GORRIE, R. M. The place of mechanized equipment in Indian soil conservation. Empire Forestry J. 23: 131-134. Dec. 1944. 99.8 Em72

- 1968 HALL, C. K. Slood-gashed valleys restored to life; methods of management to bring back fertility and convert Karroo clay into useful top-soil. Farmer's Weekly [Bloemfontein] 69: 34-35. Mar. 21, 1945. 24 F225

- 1969 HAWKINS, L. A. Save the soil! Tractor Farming 28(1): 10-11, 22. 1945. 58.8 T672

- 1970 HEATH, M. E., CAREY, S. W., and HUGHES, H. D. Sow down the highway. Farm Sci. Rptr. 6(2): 7-10. Apr. 1945. 275.28 F22

Soil conservation along roads.

- 1971 HEIMPEL, L. G. Is your farm washing away? Family Herald and Weekly Star 76(13): 3, 4. Mar. 28, 1945. 7 F21

Contour farming as a means of soil conservation.

- 1972 HERRIOT, R. I. Soil conservation in relation to methods of production. So. Austral. Dept. Agr. J. 48: 349-351. Mar. 1945. 23 So83

- 1973 HERRIOT, R. I. Soil erosion - the present position and what it means in South Australia. So. Austral. Dept. Agr. J. 48: 331-334. Mar. 1945. 23 So83

- 1974 HUGHES, H. D. Canary grass saves the waterways. Successful Farming 43(5): 23, 52. May 1945. 6 Su12

- 1975 JOHN, W. W. Meet Jim Skinner of Michigan. Soil Conserv. 10: 239, 254. May 1945. 1.6 So3S

Work of soil conservation districts.

- 1976 KING, N. 'To one who waits.' Hawaii Farm and Home 8(5): 11. May 1945. 25 H3191

Contour farming.

- 1977 KLUUGH, R. H., and ANTONIO RUGELES, J. La conservación de los suelos y la vida nacional. Agr. Venezol. 9(103/104): 8-11. Nov./Dec. 1944. 9.95 Ag8

- 1978 L., W. C. Some items from Russia. Land [Baltimore] 4: 204. Spring 1945. 279.8 L22

Résumé of 1936 soil conservation conference in Russia.

- 1979 LAMOND, H. G. Our failing pastures. Past. Rev. 55: 190-191. (Cont.) Mar. 16, 1945. 23 Au75

Effects of natural erosion.

- 1980 LOWDERMILK, W. C. China fights erosion with U. S. aid. Natl. Geog. Mag. 87: 641-680. June 1945. 470 N213



1981 LUCIO SOMOZA, A. La erosión de los suelos. Corp. Frutícola Argentina. Rev. Ofic. 11(123): 11-13. Mar. 31, 1945. 83 C81

1982 LUCIO SOMOZA, A. Necesidad de una agricultura racional para evitar la erosión de los suelos. Soc. Rural Argentina. An. 79: 223-225. Mar. 1945. 9 Sol

1983 MCCLYMONDS, A. E. Crop production and soil conservation. Northwest. Miller 222(6, sect. 2): 3a-5a. May 9, 1945. 298.8 N81

1984 MIDDLEBROOK, S. B. Soil and flood management. Farmer's Mag. 42(5): 58-59, 60-61, 79. May 1945. 7 C165

1985 MULLERRIED, F. K. G. Erosion eólica en la región tropical de la Selva Lacandona, Chiapas y Guatemala. Ciencia 6: 111-116. Mar. 27, 1945. 475 C48

1986 NEW ZEALAND. SOIL CONSERVATION AND RIVERS CONTROL COUNCIL. The menace of soil erosion in New Zealand. New Zeal. Soil Conserv. and Rivers Control Council. B. 1, 20 p. Wellington, 1944. 56.9 N49

1987 PAULSEN, E. F. La erosión de los suelos. Soc. Rural Argentina. An. 79: 203-205. Mar. 1945. 9 Sol

Management of the soil to prevent erosion and loss of fertility.

Also in Corp. Frutícola Argentina. Rev. Ofic. 11(122): 25-26. Feb. 28, 1945. 83 C81

1988 PAWLEY, W. H. Economist's view of soil erosion. "In a very real sense, a delinquency problem." Live Stock B., Apr. 2, 1945, p. 42-43. 23 F222

1989 POWELL, E. C. The landholders' part in soil erosion control; pasture contour furrowing successfully practised. Agr. Gaz. N. S. Wales 56: 99-100. Mar. 1, 1945. 23 N472

1990 SPAFFORD, W. J. Controlling soil erosion in South Australia. So. Austral. Dept. Agr. J. 48: 327-330. Mar. 1945. 23 So83

1991 STEBBING, E. P. Erosion and water supplies. Roy. Soc. Arta. J. 93: 290-302. May 11, 1945. 501 L847J

Discussion, p. 302-304.

Soil erosion and deterioration; importance of forests in moisture conservation.

1992 TINDALL, C. No wonder we have floods! Mo. Ruralist 86(9): 5. May 12, 1945. 6 R8891

Importance of soil-conserving practices in flood control.

1993 TINLINE, M. J. We must save our soils now. Country Guide, May 1945, p. 11, 32. 7 G76

1994 UNSWORTH, J. Erosion in Australia must be stopped through reforestation. Australasian Beekeeper 46: 128-129. Jan. 15, 1945. 424.8 Au72

1995 VAN WAGENEN, J., JR. We turn toward contour farming. Amer. Agr. 142: 193, 210. May 5, 1945. 6 Am3

1996 VOGT, W. Hunger at the peace table. Sat. Evening Post 217(46): 17, 109-110. May 12, 1945. 110 S

Misuse and destruction of natural resources, particularly soil erosion and exhaustion.

1997 WADHAM, S. M. Grim menace of dust and erosion; need for vigorous action. West Austral. Wheatgrower 14(35): 2. Dec. 14, 1944. 23 W523

1998 WATSON, J. Soil erosion. West Austral. Wheatgrower 14(37): 7. Jan. 4, 1945. 23 W523

1999 WEBB, C. G. Vegetative cover on Mallee soils, an erosion control measure. Victoria. Dept. Agr. J. 43: 97-99. Mar. 1945. 23 V66J

Names the plants which are suitable for establishing vegetative cover.

#### Sanitation

2000 HEUBERGER, J. W. Preliminary note on the use of dithiocarbamates as soil treatments for the control of soil-borne diseases. Plant Dis. Rptr. 29: 295-297, processed. Apr. 1, 1945. 1.9 P69P

2001 STEPHENSON, W. The effects of acids on a soil nematode. Parasitology 36: 158-164. Mar. 1945. 443.8 P21

#### MATERIALS FOR SOIL IMPROVEMENT

2002 CHADWICK, L. C. Why fertilisers act as they do. Arborist's News 10: 35-40. May 1945. 99.8 Ar14

Fertilizer elements and their reactions in the soil.

2003 CIRANNA, C. La cuestión de los abonos. IV. Abonos minerales. Mendoza (Prov.). Dir. de Indus. y Fomento Agr. B. Agr. 12: 291-307. (Concl.) June/July/Aug./Sept. 1944. 9 M52B

2004 D., W. Fertilisers for growing crops. Pop. Gard. 47: 75. May 5, 1945. 80 G1622

2005 DUFFY, D. J. The humus versus fertilizer controversy. Estate Mag. 45: 95-98. Apr. 1945. 10 Es8

2006 \*EGOROV, I. O planovosti v rabote po sboru mestnykh udobrenii [Planning the work in collecting local fertilizers]. Kolkhoz. Proizvod., No. 10, p. 16-17. Oct. 1944. 281.8 K83

Kolkhoz "Pobeda" in the Moskovskii region.

2007 FRAPS, G. S. The proposed national fertilizer law would increase costs of fertilizers. Amer. Fert. 102(7): 11-12. Apr. 7, 1945. 57.8 Am3

2008 GARWOOD, O. Fertilizing by plow method. Stock & Dairy Farmer 34(9): 4. May 1945. 6 N8195

2009 KNAPP, J. G. The place of cooperatives in the fertilizer industry (a preliminary report). U. S. Farm Credit Admin. Coop. Res. and Serv. Div. Misc. Rpt. 85, 13 p. Washington, 1945. 166.3 M68

2010 KNAUS, K. Your farm - its past and future. Irrig. Farmer 3(1): 11. May 3, 1945. 55.8 Ir78

Fertilizer elements and their sources.

2011 LAWRENCE, C. K. The mechanism of caking of chemical fertilizers. Amer. Fert. 102(9): 7-10, 24, 26, 28, 30. May 5, 1945. 57.8 Am3

2012 STEENKAMP, J. L. Be careful in purchasing organic fertiliser. Farmer [Pietermaritzburg] 33(11): 14. Mar. 17, 1945. 24 F227

2013 TIEDJENS, V. A. Starter solutions and how to use them. Better Homes & Gard. 23(9): 63, 104. May 1945. 80 F9424

#### Primary Materials

2014 JONES, G. H. G. East African supplies of phosphates and their utilization. East African Agr. J. 10: 195-197. Apr. 1945. 24 Ea74

2015 NEEDHAM, K. Superphosphate - immediate ordering essential. West Austral. Dept. Agr. J. (ser. 2) 21: 375-381. Dec. 1944. 23 W52J

Government rationing and regulation of distribution.

2016 NEW ZEALAND. NATIONAL COUNCIL OF PRIMARY PRODUCTION. Serpentine superphosphate. New Zeal. Dept. Agr. J. 70: 225, 227. Mar. 15, 1945. 23 N48J

Government program regarding serpentine superphosphate in New Zealand.

2017 ROSS, W. H., and YEE, J. Y. The role played by bags in the storage of ammonium nitrate. Amer. Fert. 102(7): 7-10, 24, 26, 28, 30. Apr. 7, 1945. 57.8 Am3

2018 SIEMS, H. B. There is still much to learn about nitrogen. Farm for Victory, No. 17, p. 7-8. Apr. 1945. 281.8 F226

Relation of nitrogen to other fertilizing elements and to soil fertility.

2019 SMALLEY, H. R. Nitrogen and soil life. Shorthorn World 30(4): 3-4, 9. Apr. 25, 1945. 43.8 Sh8

Importance of nitrogen, and its sources.

2020 STEPHENSON, R. E. Phosphorus and plant nutrition. Calif. Cult. 92: 258-259. May 12, 1945. 6 C12



2021 UNION OF SOUTH AFRICA. DEPT. OF AGRICULTURE AND FORESTRY. Bonemeal and food production. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 105, 2 p. Pretoria, 1945. 24 So82Pa

2022 VILLEGAS BOTERO, A. Uno de los beneficios efectos del agua de lluvia en la agricultura. Rev. Agr. y Ganad. 8(89): 19, 27. Dec. 1944. 9.4 R327

Rain water as a source of nitrogen.

2023 WILLIS, L. G. Injury to seedling plants by ammonia nitrogen. Farm for Victory, No. 17, p. 6. Apr. 1945. 281.8 F226

2024 WOODS, J. A. Splendid cooperation of War Shipping Administration assures 850,000 ton supply of Chilean nitrate this season. Farm for Victory, No. 17, p. 2. Apr. 1945. 281.8 F226

2025 \*ZHURAVLEVA, A. Kolkhoznye laboratorii izgotovliaiut azotogen [Production of azotogen in the laboratories of the collective farms]. Kolkhoz. Proizvod., No. 10, p. 19. Oct. 1944. 281.8 K83

#### Secondary and Minor Element Materials

2026 JONES, L. T., and ELLIOTT, H. G. Copper deficiency in the Busselton-Augusta district; a review of its history and investigation with special reference to the re-establishment of subterranean clover. West. Austral. Dept. Agr. J. (ser. 2) 21: 342-357. Dec. 1944. 23 W52J

2027 TEAKLE, L. J. H. Molybdenum as a fertilizer in Western Australia. West. Austral. Dept. Agr. J. (ser. 2) 21: 335-339. Dec. 1944. 23 W52J

2028 VAN DERLINDEN, L. Mineral deficiencies in human, animal and plant life. New Agr. 27(7): 9, 11. Apr. 1945. 66.8 Su32

2029 VOLK, N. J. Is sodium important in crop production in the South? Farm for Victory, No. 17, p. 5. Apr. 1945. 281.8 F226

#### Mineral Soil Amendments

2030 LAMAR, J. E. Agricultural limestone resources of Illinois; their character and occurrence and methods of examination. Ill. State Geol. Survey. C. 94, 33 p., processed. Urbana, 1943. 406 I16C

#### Manures and Composts

2031 \*ALMEIDA, C. R. M. DE. Os estrumes artificiais. Portugal. Junta Nac. das Frutas. B. 4(7): 14-20. July 1944. 286.3939 P83

2032 ARMERO G., L. DE. Algunas consideraciones sobre el guano pobre y la pasta de algodono. Co. Admin. del Guano, Peru. B. 21: 95-97. Apr. 1945. 57.9 C73B

2033 BUFFON, A. Le souci du fumier. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 1: 60-63. Nov. 1944. 8 R327

2034 \*CHOWDHURY, S. Manures and manuring. Ch. V - Handling of farm manures. Allahabad Farmer 18: 200-214. Nov. 1944. 22 AL5

2035 COX, H. R. How to make artificial manure. Home Gard. 5(5): 42-45. May 1945. 80 H756

Preparation and use of compost.

2036 \*HÖRBERG, Y. Är nedplöjning av färsk halm en lämplig åtgärd [Is it advisable to plow down fresh straw for fertilizer?]. Lentmannen 29: 299. Mar. 31, 1945. 11 L234

Discussed by G. Torstensson and L. Olsson in the issue of Apr. 7, p. 328-329.

2037 LUNT, H. A. Wood ashes as fertilizer. Conn. Woodlands 10: 18-20. May 1945. 99.8 C76

2038 M., E. Start a compost heap now. Pop. Gard. 47: 66. Apr. 28, 1945. 80 G1622

2039 OROZCO R., J. A. El café como abono. Café de Nicaragua 1(4): 47-48. Feb. 1945. 68.28 C114

2040 OSSE, L. Estrumeiras. I - Importância do esterco. Rev. dos Criadores 16(3): 26-27. Mar. 1945. 43.8 R32

2041 RODGERS, MRS. D. H. Gardeners can conserve by building own compost heap. South. Home and Gard. 12(12): 17. June 1945. 80 So824

2042 \*ROMASHKEVICH, I. Proizvodstvo iskusstvennogo navoza v pole [Production of artificial manure on the field]. Sovkhoz. Proizvod. 5(1/2): 37-40. Jan./Feb. 1945. 20 So85

2043 \*ROZANOV, N. Zimniiaia zagotovka torfa [Winter preparation of peat]. Kolkhoz. Proizvod., No. 10, p. 17-18. Oct. 1944. 281.8 K83

For fertilizer.

2044 SCHARF, J. W. Plan para la fabricación de abonos con basuras domesticas. Vinos, Viñas y Frutas 40: 314-315. Feb. 1945. 9 Ag89

Preparation of compost.

#### FORESTRY

##### FOREST ECONOMICS AND POLICY

2045 BOUCHER, G., and others. La forêt dans l'économie des Cantons de l'Est. Assoc. Forest. Québécoise. B. 10: 201-231. 1944. 99.9 As74

E. Wilson, R. Delisle, L. P. Thibodeau, and L. A. Giroux, joint authors.

2046 BRÜLÉ, D., and FAFARD, A. La forêt dans l'économie du Bas St-Laurent. Assoc. Forest. Québécoise. B. 10: 161-199. 1944. 99.9 As74

2047 CIFUENTES A., J. Por la conservación forestal. Árboles 2: 170-171. Feb. 1945. 99.3 Ar16

2048 CLOUTIER, G. Les chantiers coopératifs de l'Abitibi offrent un exemple à toute la province. Terre de Chez Nous 17(29): 28. Apr. 18, 1945. 7 T27

2049 COX, H. J. On the other side of Certain Public Lands. J. Forestry 43: 315-321. May 1945. 99.8 F768

A reply to editorial in J. Forestry 42: 703-704. Oct., 1944.

Comment by S. T. Dana, p. 321-323.

2050 CURANQUI, U. Algo sobre el problema forestal Chile. Unión Agr. del Sur 3(16): 24-25. Mar. 1945. 9.3 Un3

2051 ELDRIDGE, I. F. Have faith in woodland, a challenge to the South. Land [Baltimore] 4: 163-166. Spring 1945. 279.8 L22

2052 EVANS, R. M. A three-point program for better forests. Gard. Gossip 20(5): 11-12, 15. May 1945. 80 G1625

2053 GETSON, S. F. Forestry plans for Nova Scotia. Farmer's Mag. 42(5): 52. May 1945. 7 C165

2054 GÓMEZ AMOROCHO, R. Conservación de nuestros bosques. Santander (Dept.) Contraloría Dept. B. 10(40): 26-31. Nov. 1944. 255.5 C7152

Need for forest conservation in Santander, Colombia.

2055 MCCULLOCH, W. F. Conservation without artificial reforestation in Oregon. Green Gold 2(3): 8. May 1945. 99.8 G822

2056 MÉNARD, E., WILSON, J. O., and others. Discussion libre sur les conditions sociales en forêt. Assoc. Forest. Québécoise. B. 10: 51-87. 1944. 99.9 As74

2057 MURRAY, G., and DELORME, G. La forêt dans l'économie du nord de Montréal. Assoc. Forest. Québécoise. B. 10: 307-333. 1944. 99.9 As74

2058 PERRÉE, W. F., and RICHMOND, R. D. Post-war forest policy for India. Empire Forestry J. 23: 101-109. Dec. 1944. 99.8 Em72

2059 RAILWAY TIE ASSOCIATION. TIMBER CONSERVATION COMMITTEE. Report. Cross Tie B. 26(5): 18, 20, 22, 24, 26, 28. May 1945. 99.82 C87

H. R. Condon, Chairman of Committee.

2060 RICHARD, R. La forêt dans l'économie de la Côte Nord. Assoc. Forest. Québécoise. B. 10: 233-275. 1944. 99.9 As74

2061 RIVARD, F. La forêt dans l'économie du St-Maurice. Assoc. Forest. Québécoise. B. 10: 401-437. 1944. 99.9 As74

2062 ROUSSEAU, L. Z. Quelques réflexions sur le rôle économique et sociale de l'ingénieur forestier. Forêt Québécoise 9: 399-406. May/June 1945. 99.8 F79



2063 STAUFFER, J. M. Forests of Alabama represent a record of achievement in economic life of State. Ala. Conserv. 16(11): 3, 14. May 1945.

279.8 AL1

2064 THOMPSON, C. H. Post-war forestry, implications of the dedication scheme. Estate Mag. 45: 85-88. Apr. 1945. 10 Es8

Suggestions for the management of private woodlands in Great Britain.

2065 WAKEFIELD, A. B. Opportunity for British Columbia woods in India. Brit. Columbia Lumberman 29(5): 70. May 1945. 99.81 B77

2066 WILSON, F. G. Review of the report [by G. S. Wehrwein and R. Barlowe] on the forest crop law [of Wisconsin]. Wis. Conserv. B. 10(5/6): 3-4. May/June 1945. 279.8 W752

#### FOREST DESCRIPTION AND RESOURCES

2067 ANDERSON, H. C. A tour of the Riverina, Wagga forestry district. Austral. Timber J. 11: 83, 85, 87. Mar. 1945. (Madison Sub-Branch Libr.)

2068 ARIES, R. S. Wood - Connecticut's untapped resource. Northeast. Wood Util. Council. B. 5, 7 p. New Haven, 1945. 99.9 N819

Reprinted from Connecticut Industry.

2069 BLANFORD, H. R. The forests of Burma. Empire Forestry J. 23: 112-114. Dec. 1944. 99.8 Em72

2070 DONERY, J. A. Michigan forests - a great resource. Amer. Forests 51: 218-221, 255-256. May 1945. 99.8 F762

2071 HOWELL, H. A. Clear-cutting State's woodland leaves forest in poor condition. Ark. Agr. Col. Ext. Serv. Rev. 29(5): 2. May 1945. 275.29 Ar4C

2072 KEET, J. D. M. National timber supply in the post-war transition period. So. African Forestry Assoc. J., No. 12, p. 33-36. Dec. 1944. 99.9 So82

2073 MORATO, A. Finlandia, país de bosques. Rev. Geog. Amer. 23: 167-175. Mar. 1945. 475 R322

2074 NUNN, F. Australian timber giants of the western forests. Miss Val. Lumberman 76(22): 16-17. June 1, 1945. 99.81 M69

2075 PÉREZ ARBELÁEZ, E. Reservas naturales. Vida Rural 6(67): 24. Feb. 1945. 9.4 V66

On the forest situation in Colombia.

2076 SAVÓN SALAVERRY, J. Repoblación forestal. Buenos Aires Mus. Social Argentino B. 33: 15-33. Jan./Feb. 1945. 516 B862

Forest situation and outlook in Argentina.

2077 TOBÓN VILLEGAS, A. El exagerado uso de la leña es causa de la crisis forestal. Árboles 2: 141-144. Jan. 1945. 99.8 Ar16

Forest situation in Colombia.

2078 WATSON, SIR H. World timber supplies (Published by Timber Development Association, Limited). Comment. Empire Forestry J. 23: 110-111. Dec. 1944. 99.8 Em72

2079 YARNHAM, E. R. Horatio Nelson's forest. Forest & Outdoors, May 1945, p. 127-128. 99.8 C16

Forest of Dean, England.

#### Individual Genera and Species

2080 COLLINGWOOD, G. H. Weeping spruce, Picea breweriana, Watson. Amer. Forests 51: 234-235. May 1945. 99.8 F762

2081 DEVOTO, F. E. La teca, un valioso árbol cuyo cultivo se ha iniciado en el país. Chacra 15 (174): 24. Apr. 1945. 9 C34

2082 LARSEN, E. L. Pehr Kalm's report on the characteristics and uses of the American walnut tree which is called hickory. Agr. Hist. 19: 58-64. Jan. 1945. 30.98 Ag8

2083 RANGHEL GALINDO, A. Abarco (Cariniana pyriformis); importante árbol de nuestras selvas. Colombia. Min. de la Econ. Nac. Agricultura 16: 1201-1202. -1944. 9.4 In22

2084 ROJAS PAZ, P. El algarrobo. Chacra 15 (174): 94-95. Apr. 1945. 9 C34

2085 SCOTT, C. W. Burma teak to-day. Wood 10: 81-84. Apr. 1945. 99.82 W855

#### FOREST ADMINISTRATION AND MANAGEMENT

2086 CROMIE, G. A. Longer life for Cathedral Pines. Conn. Woodlands 10: 11-13. May 1945. 99.8 C76

Outlines partial improvement cutting for scenic pine grove.

2087 CROSBY, W. E. Long range forest policies pay dividends for Rayonier [Incorporated] operations at Fernandina, Fla. Pulp & Paper Indus. 19(4): 48, 50, 52. Apr. 1945. 302.8 P11

Management practices for pulp production.

2088 CURRY, J. Some principles of forest management. VIII - Summary. Forest Farmer 4(8): 8. May 1945. 99.8 F7692

2089 GOODELL, F. H. The management of a 100-acre sugar bush. Natl. Farm Chemurg. Council. Chemurg. Papers 398, 4 p., processed. Columbus, Ohio, 1945. 381 N312P

2090 WILSON, J. O. Notes on forest management problems. Pulp and Paper Mag. Canada 46: 397-398, 400-401. Apr. 1945. 302.8 P96

#### Farm Woodlands

2091 ARNST, A. Lumber industry welcomes conservation forestry farmers. Soil Conserv. 10: 250-253. May 1945. 1.6 So3S

2092 MCMUNN, E. W. Make every acre work is Geauga County idea. Ohio Farmer 195(9): 5. May 5, 1945. 6 Oh3

Emphasizes value of farm woodlands.

2093 MURPHEY, F. T. Pulpwood peeling season advanced. Pa. Grange News 42(1): 16. Apr. 1945. 6 P38

Hints on pulpwood cutting in farm woodlands.

2094 NEEDHAM, J. F. Farm forestry in five southeastern Ohio counties. Natl. Farm Chemurg. Council. Chemurg. Papers 406, 4 p., processed. Columbus, Ohio, 1945. 381 N213P

2095 PHILLIPS, R. R. A problem in timber, trout and education. Iowa Conserv. 4: 136. May 1945. 279 Io92

On the need for educating farm woodland owners in the principles of forest and soil conservation.

2096 SIMONDS, W. W. Plant trees with definite objective. Pa. Grange News 42(1): 15. Apr. 1945. 6 P38

2097 WIRT, G. H. The farmer's wood bank. Pa. Game News 16(1): 12, 29. Apr. 1945. 412.9P38Pe

#### Mensuration

2098 \*RIBEIRO DA SILVA, C. Estudo teórico das algumas fórmulas de cubagem de árvores. Agros 27: 18-27, 87-93. (Cont.) Jan./Feb.-Mar./Apr. 1944. 15.5 Ag82

2099 SCHIFFINO, J. Riqueza forestal dominicana; método "Schiffino" para medir la altura de un árbol en pie. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 35: 200-204. Sept./Oct. 1944. 8 R323

2100 SCHRAMM, W. O. Estimating farm woods by the use of a cumulative volume tally sheet. Natl. Farm Chemurg. Council. Chemurg. Papers 407, 4 p., processed. Columbus, Ohio, 1945. 381 N213P

#### FOREST PROTECTION AND DAMAGE

Articles on diseases of trees are listed under Pathology in the Plant Science section; articles on forest insects in the Entomology section.

#### Fire

2101 ARNST, A. Protecting the farm woodlot. Green Gold 2(3): 5. May 1945. 99.8 G822

Management practices to prevent forest fires.

2102 CALLISON, C. Roundtable in a charred forest. Mo. Conserv. 6(5): 10-12. May 1945. 279.8 M69

2103 DEVOTO, F. E. Cientos de millones de pesos pierde la Argentina con los incendios de bosques. Chacra 15(173): 24-25. Mar. 1945. 9 C34



2104 DUNDAS, J. Bush burning in tropical Africa. *Empire Forestry J.* 23: 115-121. Dec. 1944. 99.8 Bm72

2105 LANGDON, M. O. Fire in the timber. *Green Gold* 2(3): 7. May 1945. 99.8 G822

2106 ROBINSON, D. D. Farm fire prevention pays. *Green Gold* 2(3): 8. May 1945. 99.8 G822

2107 SHAW, E. E. A plan for forest fire conference in camp. *Pulp and Paper Mag. Canada* 46: 471-474, 476. May 1945. 302.8 P96

2108 YUHOOTSKY, M. J. A crow's nest on erected built-up pole. *Austral. Timber J.* 11(1): 18-19. Feb. 1945. (Madison Sub-Branch Libr.)  
Forest fire lookout.

#### SILVICULTURE

See Items 1106-1129

#### LUMBERING

2109 CORKHILL, R. W. Forest to consumer, the marketing of foreign hardwoods. *Wood* 10: 94-97. Apr. 1945. 99.82 W855

2110 DAVIS, H. E. Lumber and log production from TVA reservoirs. *South. Lumberman* 170(2139): 66, 68, 70, 72, 74. May 15, 1945. 99.81 So82

2111 FELLOWS, E. S. Eastern spruce grading past and present. *Canada Lumberman* 65(9): 73, 105. May 1, 1945. 99.81 C16

2112 JOHNSON, T. N. Timber marketing in Perry County, Ohio. *Natl. Farm Chemurg. Council. Chemurg. Papers* 399, 5 p., processed. Columbus, Ohio, 1945. 381 N213P

2113 \*THUNELL, B., and HJERTSTRAND, Å. Översikt över utländska klassificeringsbestämmelser för konstruktionsvirke. *Svenska Träforskningsinst. Trätek. Avd. C. 3, 4 p.* Stockholm, 1944. 99.9 St6  
Classification of construction wood in various countries.

2114 WAND, R. B. Loading lumber for shipment overseas. *South. Lumber J.* 49(5): 26, 28. May 1945. 99.81 So8

2115 WILLIAMSON, A. H. Review of Canadian timber production. *Austral. Timber J.* 11: 73, 75, 77, 79. Mar. 1945. (Madison Sub-Branch Libr.)

#### Equipment

2116 \*KOBYSTIN, F. A. Mekhanicheskiy kolun dlia kolki drov [Mechanical axe for chopping wood]. *U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh.* 3(6): 18. June 1943. 304.8 T23

#### Logging

2117 BENTLEY, B. H. Suggestions for improved forest harvesting. *Natl. Farm Chemurg. Council. Chemurg. Papers* 400, 4 p., processed. Columbus, Ohio, 1945. 381 N213P

2118 DE GRUYSE, J. J. Protecting logs on skidways against sawyer beetle [*Monochamus* spp.] attack. *Canada Lumberman* 65(9): 60. May 1, 1945. 99.81 C16

2119 DELISLE, R. Aux propriétaires forestiers de la région de Québec. *Terre de Chez Nous* 17(29): 28, 27. Apr. 18, 1945. 7 T27

Suggestions for salvaging wood damaged by storms.

2120 FOLEY, H. S. Salvage of logging waste. (Summary.) *Pulp and Paper Mag. Canada* 46: 479, 481. May 1945. 302.8 P96

2121 HAYNER, N. S. Taming the lumberjack. *Amer. Sociol. Rev.* 10: 217-225. Apr. 1945. 280.8 Am37

A sociological study of Pacific Northwest loggers.

2122 KOLBE, E. L. Woodsmen work to keep Oregon green. *Green Gold* 2(3): 4. May 1945. 99.8 G822

Logging practices aiding conservation of young growth.

2123 LLEO, A. Accidentes en los trabajos forestales. *Agrario* 9(357): 4, 14. Mar. 15, 1945. 9.3 Ag85

2124 MATTHEWS, D. M., and WILLARD, J. A. Pre-planning of logging operations for minimum costs. *Mech. Engin. [New York]* 67: 325-329. May 1945. 291.9 Am3J

2125 ROY, G. L'appel de la forêt. *B. des Agr.* 41(4): 10-13, 54, 56-58. Apr. 1945. 7 B872  
Account of the daily life of Canadian wood cutters.  
2126 ROY, G. Le long, long voyage. *B. des Agr.* 41(5): 8-9, 51-52. May 1945. 7 B872  
Describes a log drive in Quebec.

#### Lumber Industry

2127 BLACK, S. R. After the war how much lumber? How long? *South. Lumber J.* 49(5): 30, 74. May 1945. 99.81 So8

2128 BOYD, J. P. Lend-lease lumber problem aired by Boyd. *Amer. Lumberman*, No. 3309, p. 16-17. May 26, 1945. 99.81 Am3

2129 LEMMONS, E. B. The future of lumber. *South. Lumberman* 170(2138): 46-47. May 1, 1945. 99.81 So82

Problems of the lumber industry after the war.

2130 PARKS, K. M. Canadian lumbermen look ahead. *Austral. Timber J.* 11(1): 21-22, 25, 33. Feb. 1945. (Madison Sub-Branch Libr.)

#### Sawmills

2131 BUNNETT, L. E. Conversion waste. *Wood* 10: 85-86. Apr. 1945. 99.82 W855

2132 HYLER, J. E. Lumber handling methods. *Wood-Worker* 64(3): 46, 48. May 1945. (Madison Sub-Branch Libr.)

2133 MITCHELL, T. Sawmilling, ancient and modern. *South. Lumber J.* 49(5): 32, 34. May 1945. 99.81 So8

2134 RAILWAY TIE ASSOCIATION. COMMITTEE ON THE PROBLEMS AFFECTING THE PRODUCTION OF SMALL PORTABLE SAWMILLS. Report. *Cross Tie B.* 26(5): 34, 38, 40, 42, 44, 46. May 1945. 99.82 C87  
W. E. Tiller, Chairman of Committee.

#### WOOD TECHNOLOGY

##### Chemical and Physical Properties

2135 A., C. H. Freakish graining. *Wood* 10: 88. Apr. 1945. 99.82 W855

2136 BULL, M. G. Hardwood columns subjected to loads of short duration. *Inst. Engin. Austral. J.* 17: 50-58. Mar. 1945. 290.9 In75

2137 GRAHAM, P. H. Wood properties and characteristics. *Wood-Worker* 64(3): 34, 36-37. (To be cont.) May 1945. (Madison Sub-Branch Libr.)

2138 NEUBAUER, L. W. Durability of redwood boards. *Agr. Engin.* 26: 203. May 1945. 58.8 Ag83

2139 RAILWAY TIE ASSOCIATION. COMMITTEE ON MOISTURE GRADIENT. [Report.] *Cross Tie B.* 26(5): 51-53. May 1945. 99.82 C87

W. P. Arnold, Chairman of Committee.

2140 ROSSNAGEL, W. E. A safe method for testing scaffold planks. *South. Power and Indus.* 63(5): 118-119. May 1945. 291.8 So8

2141 SCOTT, M. H. A comparison between locally-grown and imported softwood timbers. *So. African Forestry Assoc. J.*, No. 12, p. 37-51. Dec. 1944. 99.9 So82

2142 \*THUNELL, B. Inverkan av vissa kvalitetsbestämmande faktorer på hållfastheten mot böjning hos svenskt furuvirke. *Svenska Träforskningsinst. Trätek. Avd. Meddel. 1, 16 p.* Stockholm, 1944. 99.9 St6S

Factors influencing the bending strength of Scotch pine lumber.

#### Preservative Treatment

2143 DUFF, C. E. Termite resistance test on the Copperbelt of Northern Rhodesia. *Empire Forestry J.* 23: 160-162. 1944. 99.8 Bm72

Tests of treated and untreated woods.

2144 FISHER, R. C. Chemical preservation of timber. The control of wood-boring insects. *Chem. Age [London]*, 52: 373-378. Apr. 28, 1945. 382 C427

2145 HICKMAN, B. Preservation of timbers; notes on dry rot and fungus growth in timber and the various methods of dealing with its prevention. *Wood* 10: 101-102. Apr. 1945. 99.82 W855



2146 KROGH, P. M. D., and TOOKE, F. G. C. The toxicity and penetrative capacity of certain pentachloride wood preservative solutions. So. African Forestry Assoc. J., No. 12, p. 52-59. Dec. 1944. 99.9 So82

2147 PARMENTER, R. B. Decayed fence posts unnecessary on the farm. New England Homestead 118(9): 8. May 12, 1945. 6 M442

2148 \*THUNELL, B. Några hållfasthetsundersökningar med trävirke ur gamla byggnadsverk. Svenska Träforskningsinst. Trätekn. Avd. Meddel. 2, 2 p. Stockholm, 1945. 99.9 St6S

Strength tests on wood from old buildings.

#### Seasoning and Conditioning

2149 TIEMANN, H. D. More about eddy currents and dead spots in dry kilns. South. Lumberman 170 (2139): 59-60. May 15, 1945. 99.81 So82

#### FOREST PRODUCTS

2150 ARBORGAST, W. E. The urgent need for willow, buckeye, and basswood for artificial limbs. Natl. Farm Chemurg. Council. Chemurg. Papers 401, 3 p., processed. Columbus, Ohio, 1945. 381 N213F

2151 ARIES, R. S. Extractives of northeastern woods. Chemurg. Digest 4: 153, 155-165. May 15, 1945. 381 N213Na

2152 BOOTH, F. L. Manufacturing distinctive wood products. Wood-Worker 64(3): 24, 26-27. May 1945. (Madison Sub-Branch Libr.)

2153 BOOTH, F. L. Veneered-door coreplate construction. Veneers and Plywood 39(5): 8, 10-11. May 1945. 99.82 V55

2154 BROOKS, R. S. Accident reduction drive in woodworking industry. South. Lumberman 170(2139): 64. May 15, 1945. 99.81 So82

2155 DAVIS, W. New-age wood. Chemistry 18(7): 1-8. Mar. 1945. 381 J826A

2156 FARBER, E. Chemical economics of wood hydrolysis. Chem. Indus. 56: 780-782. May 1945. 381 C426

Issued also as Natl. Farm Chemurg. Council. Chemurg. Papers 391, 5 p., processed. Columbus, Ohio, 1945. 381 N213P

2157 HUBERT, E. E. Wood and its future. Cosgrove's Mag. 17(1): 94. May 1945. (Madison Sub-Branch Libr.)

2158 KERNAN, H. S. Salvaging war wood. Amer. Forests 51: 225-227, 242, 244. May 1945. 99.8 F762

2159 MANAHAN, L. B. Wood in war - part 2. Gard. Gossip 20(5): 10-11. May 1945. 80 G1625

2160 OSIPOVICH, A. A. 230-Kv. wood pole structure design and tests. Elect. World 123(21): 84-87. May 26, 1945. 355.8 EL2

2161 FEEDE, L. G. La madera - material basico de una nueva alquimia. Bolsa de Com., Rosario. Rev. 33(796): 7-9. Mar. 15, 1945. 287 R71

2162 RAILWAY TIE ASSOCIATION. COMMITTEE ON CHECKING AND SPLITTING OF CROSS TIES IN TRACK. Report. Cross Tie B. 26(5): 28, 30, 34. May 1945. 99.82 C87

J. B. Akers, Chairman of Committee.

2163 RAILWAY TIE ASSOCIATION. COMMITTEE ON CHECKING AND SPLITTING OF TIES. Report. Cross Tie B. 26(5): 16, 18. May 1945. 99.82 C87

T. H. Patrick, Chairman of Committee.

2164 RAILWAY TIE ASSOCIATION. MANUFACTURING PRACTICE COMMITTEE. Report. Cross Tie B. 26(5): 54-58. May 1945. 99.82 C87

D. B. Frampton, Chairman of Committee.

2165 ROBERT, A. C. The giant redwood tree enters the textile field. Textile Age 8(12): 78, 80-81. Dec. 1944. 304.3 R3132

Manufacture and uses of "Falconia," a textile fiber made from redwood bark.

2166 SCHRADER, O. H. Laminating boat timbers with phenolic glues. Pacific Plastics 3(5): 13-14, 42. May 1945. 309.8 P12

2167 SCHREIBER, W. I. The first American Christmas tree. Natl. Farm Chemurg. Council. Chemurg. Papers 403, 4 p., processed. Columbus, Ohio, 1945. 381 N213P

2168 SMITH, W. R. Utilization of inferior hardwoods. Forest Farmer 4(8): 1, 4. May 1945. 99.8 F7692

2169 SOBRERO, L. R. Distintas aplicaciones del aserrín. Pampa Argentina 19(211): 19. Mar. 1945. 9 P19

2170 \*THUNELL, B. Förfarande vid hållfasthetsprovning av lim för sammanfogning av trä och klassindelning med hänsyn till motståndsförmågan. Svenska Träforskningsinst. Trätekn. Avd. C. 1, 4 p. Stockholm, 1944. 99.9 St6

Methods of testing adhesives for wood bonding.

2171 TIER, J. Timber for bee hives. Australasian Beekeeper 46: 133. Jan. 15, 1945. 424.8 Au72

2172 VAN FLEET, C. Alcohol from waste wood products. Natl. Farm Chemurg. Council. Chemurg. Papers 394, 2 p., processed. Columbus, Ohio, 1945. 381 N213F

2173 WESTBROOK, F. What wood means to America's future. Cosgrove's Mag. 17(1): 22-25. May 1945. (Madison Sub-Branch Libr.)

#### Barrels, Boxes, and Crates

2174 STEIDL, L. R. Wooden containers are at war. Wooden Barrel 13(8): 4-5. Apr. 1945. 99.82 W854

2175 WAGNER, J. B. The tight barrel stave. Barrel and Box and Packages 50(5): 16. May 1945. 99.82 B27

2176 WAGNER, J. B. The tight stave bolt. Barrel and Box and Packages 50(4): 12, 14. Apr. 1945. 99.82 B27

#### Building Construction

2177 MOSHER, F. D. Prefabricating Pacific huts. Wood Working Digest 47(5): 27-28, 30, 32, 34-36, 38, 40, 42. May 1945. (Madison Sub-Branch Libr.)

From Masonite and plywood.

2178 PARSONS, C. T. That U. K. job; facts about the [prefabricated] houses for Britain. South. Lumber J. 49(6): 14, 16. May 1945. 99.81 So8

2179 VANCE, D. A. Retail lumber firm pioneers prefabrication in the West; has developed variety of sectional buildings to meet western requirements. Canada Lumberman 65(9): 46-47, 112. May 1, 1945. 99.81 C16

#### Charcoal

2180 MOREY, B. Homemade charcoal. Home Gard. 5(5): 41. May 1945. 80 H756

2181 PEARSON, L. E. Charcoal from pine tops. Wooden Nutmeg 21(2): 4. Feb. 1945. 99.8 W852

2182 RUBBO, R., and MILANS, J. La fabricación de carbon de leña en hornos abiertos. Uruguay. Min. de Canad. y Agr. B. Inform. 2: 141. (Cont.) Mar. 8, 1945. 9.9 G15B

2183 SCHAPHORST, W. F. Charcoal cannot be made out of green wood. Pulp and Paper Mag. Canada 46: 481. May 1945. 302.8 P96

#### Furniture

2184 SMITH, W. T. Essentials of fine furniture finishing. Part 4. Wood Prod. 50(5): 32, 34, 36. May 1945. 99.82 W856

#### Naval Stores

2185 JENNINGS, W. H. Present and possible uses for tall oil. Paper Trade J. 120(TAPPI Sect.): 185-186. May 10, 1945. 302.8 P196

2186 MCCULLEY, R. D. Advances in forestry management increases naval stores yield. Forest Farmer 4(7): 1, 3. Apr. 1945. 99.8 F7692

2187 MCCULLEY, R. D. Which trees should we cut? Selection of trees to be worked for naval stores means greater returns on forest operations. Naval Stores Rev. 55(4): 4. Apr. 28, 1945. 99.81 N22

2188 MITCHELL, H. L. Information on use of chemical stimulants to increase gum yields. AT-FA J. 7(8): 15-17. (Concl.) May 1945. 309.8 Am3



2189 OSTROM, C. E. Gum yields affected by quantity of acid applied to streak. Naval Stores Rev. 55(5): 8, 10. May 5, 1945. 99.81

2190 U. S. BUREAU OF AGRICULTURAL AND INDUSTRIAL CHEMISTRY. Further information on the effect of chemical stimulation on grades and cloudiness of rosin. Naval Stores Rev. 55(4): 8, 10. Apr. 28, 1945. 99.81 N22

#### Plastics

2191 STAMM, A. J. Impreg, compreg, staypak and papreg. Canada Lumberman 65(9): 42-45, 109-110. May 1, 1945. 99.81 C16

2192 YOUNG, S. H. A., and PALESE, R. A. M. Molded wood. Mod. Plastics 22(9): 100-104, 196. May 1945. 309.8 P69

#### Pulp and Paper

2193 BRAY, M. W. Possibilities of hardwoods for pulping. Paper Trade J. 120(TAPPI Sect.): 44-46. May 24, 1945. 302.8 P196

Also in South. Pulp & Paper J. 7(12): 12-13, 36. May 1945. 302.8 So8

2194 HARPER, E. A., and EDMONSON, N. V. An evaluation of indirect versus direct cooking of sulphate pulp. Paper Trade J. 120(TAPPI Sect.): 195-196. May 17, 1945. 302.8 P196

Also in South. Pulp & Paper J. 7(12): 23. May 1945. 302.8 So8

2195 HASSELSTROM, T. What practical lines should be followed as to fundamental research on sulphate pulp byproducts. Paper Trade J. 120(TAPPI Sect.): 197-200. May 17, 1945. 302.8 P196

2196 \*INDIA. DEPT. OF COMMERCE. Paper making in India. India. Dept. Com. Booklet 8, 9 p. Bombay, 1944? -280.9 In277

2197 JAHN, E. C. Wartime picture of the Swedish pulp and paper industry. Paper Trade J. 120(TAPPI Sect.): 168-172. Apr. 26, 1945. 302.8 P196

2198 KELLOGG, P. Paper, the currency of civilization. Brit. Columbia Lumberman 29(5): 52, 54, 90, 92, 94. May 1945. 99.81 B77

Importance of paper to Canada's export trade.

2199 KELLOGG, P. Pulp and paper industry in perspective; British Columbia has peculiar reason to respect great asset. Pulp and Paper Mag. Canada 46: 455-458. May 1945. 302.8 P96

2200 LEWIS, H. F. The recovery of byproducts from kraft black liquors by the Goodell process. Paper Trade J. 120(TAPPI Sect.): 201-204. May 17, 1945. 302.8 P196

2201 LITTLE, E. M. The pulp and paper industry in Canada. Forêt Québécoise 9: 411-416, 419-424, 427-433. May/June 1945. 99.8 F79

2202 MACDONALD, R. G. Future of paper and paper products. South. Pulp & Paper J. 7(12): 14-16, 40. May 1945. 302.8 So8

2203 MACDONALD, R. G. Some technical aspects regarding the future of paper products. Paper Trade J. 120(TAPPI Sect.): 172-174. Apr. 26, 1945. 302.8 P196

2204 NEUBRECH, W. L. Our future paper market - 130 million or 2,170 million people? Paper Mill News 68(17): 54, 56, 58. Apr. 28, 1945. 302.8 P195

2205 SIMMONDS, F. A., MCGOVERN, J. N., and SEBORG, C. O. Weatherproof solid paperboard, an evaluation of the quality of commercial boards and the development of an improved weatherproof board. Paper Trade J. 120(TAPPI Sect.): 218-222. May 31, 1945. 302.8 P196

2206 TECHNICAL ASSOCIATION OF THE PULP AND PAPER INDUSTRY. Basis weight of paper and paperboard, revision of Tappi Official Standard T 410 m-44. Paper Trade J. 120(TAPPI Sect.): 153-154. Apr. 19, 1945. 302.8 P196

2207 THOMAS, A. S. Census of the United States pulp, paper and paperboard mills - 1944. Paper Mill News 68(17): 40, 42, 44, 46-48, 50, 52. Apr. 28, 1945. 302.8 P195

2208 VINCENT, R. The changing pattern in wood pulp production. Pulp & Paper Indus. 19(4): 60-61. Apr. 1945. 302.8 P11

#### Tanning Materials

2209 BRAUNSCHWEIG, T. D. Studies on quebracho extract. Part II. The effect of sulfite and bisulfite in the treatment of quebracho extract. Amer. Leather Chem. Assoc. J. 40: 185-217. May 1945. 303.9 Am32

2210 JANIS, D. C. Production of industrial quebracho. Econ. Geog. 21: 145-150. Apr. 1945. 278.8 Ec7

2211 SWENSON, T. L. Production of tannin extract from western hemlock bark. Natl. Farm Chemurg. Council. Chemurg. Papers 395, 5 p., processed. Columbus, Ohio, 1945. 381-N213P

#### Veneers and Plywood

2212 BEZEAU, C. M. Balanced construction of plywood. Veneers and Plywood 39(5): 24, 26. May 1945. 99.82 V55

2213 CALLEGHER, P. Engineering with plastics. Plastics and Resins 4(4): 3-8, 27-28, 32. Apr. 1945. 309.8 P695

Part I, The marine industry, deals with plywood and synthetic resin glues.

2214 HISCOCKS, D. Wide field for plywood. West Coast Lumberman 72(4): 101. Apr. 1945. 99.81 W52

2215 HYLER, J. E. Veneer figure will always be an important factor. Veneers and Plywood 39(5): 16, 18. May 1945. 99.82 V55

2216 SLIFKO, C. W. Veneer and plywood in greater demand. South. Lumberman 120(2140): 59-60. June 1, 1945. 99.81 So82

2217 U. S. NATIONAL BUREAU OF STANDARDS. Western hemlock plywood. U. S. Natl. Bur. Standards. Com. Standard CS122-45, 14 p. Washington, 1945. 157.38 C73

#### Wood as Fuel

2218 BOALS, R. B. Experience with large wood-waste piles. Power 89: 315-317, 349a, 349b. May 1945. 290.8 P87

Methods of preventing fires in sawdust and hog fuel piles.

2219 CORPORACIÓN ARGENTINA DE PRODUCTORES DE CARBÓN VEGETAL. Energía vegetal. Argentina. Sec. de Indus. y Com. B. 1(3): 259-260. Dec. 1944. 280.9 Ar3

2220 HUFFMAN, R. The development and uses of pres-to-logs. Natl. Farm Chemurg. Council Chemurg. Papers 392, 4 p., processed. Columbus, Ohio, 1945. 381 N213P

#### MISCELLANEOUS

2221 DRURY, A. National Tribute Grove of ever-living redwoods to honor the men and women of the armed services in World War II. Amer. Forests 51: 212-215, 244. May 1945. 99.8 F762

2222 MACDONALD, G. B. State forestry in Iowa: The early period. Iowa Conserv. 4: 121, 123, 127. Apr. 15, 1945. 279 Io92

2223 MARTIN, C. W. Addition to State forests. Conn. Woodlands 10: 21-22. May 1945. 99.8 C76

2224 PÉREZ ARBELÁEZ, E. Bosques nacionales. Vida Rural 6(68): 12. Mar. 1945. 9.4 V66

2225 REYNOLDS, H. A. Community forests. Natl. Farm Chemurg. Council. Chemurg. Papers 402, 7 p., processed. Columbus, Ohio, 1945. 381 N213P

#### Education

2226 CLEPPER, H. Conference of forestry school executives: a condensed report. J. Forestry 43: 328-333. May 1945. 99.8 F768

2227 F., S. A. En Victoria se crea la carrera de ingeniero forestal. Unión Agr. del Sur 3(16): 15-16. Mar. 1945. 9.3 Un3

Announces first courses in forest engineering at the Colegio de Victoria, Chile.

2228 SMITH, J. Cours pratiques sur le sciage et la classification des bois. Forêt Québécoise 9: 367-368. May/June 1945. 99.8 F79



- 2229 THOMAS, H. Can we improve our forest?  
Ark. Agr. 23(1): 9. May 1945. 276.8 Ar42  
Outlines forestry course at Univ. of Arkansas.

### Engineering

- 2230 \*HANSSON, N. B. Skogsbilvägar - en aktuell rationaliseringsåtgärd. Lantmannen 29: 300-301. Mar. 31, 1945. 11 L234  
Value of good forest roads to rural communities and to the lumber industry.

### Forest Influences

- 2231 MILLETT, M. R. O. Evaporation and rainfall inside and outside a forest. Austral. Commonwealth Forestry Bur. Leaflet 57, 16 p. Canberra, 1944. 99.8 Au73  
2232 PÉREZ ARBELÁEZ, E. El árbol nuestro amigo. Árboles 2: 178-180. Feb. 1945. 99.8 Ar16

## ANIMAL INDUSTRY

### BREEDS AND BREEDING

- 2233 ARAMENDI, M. C. La esterilidad. Suelo Argentino 4: 152, 189. Mar. 1945. 9 Su2  
2234 BLACKBURN, J. B. L'insémination artificielle en élevage. Rev. d'Oka 19: 49-50. Apr. 1945. 7 Ok1  
"(Extrait de thèse)"  
2235 CARBONELL, A. Inseminación y fecundación artificial. Asoc. Rural del Uruguay. Rev. 72(1/2): 10-14. (To be cont.) Jan./Feb. 1945. 9.9 As5  
2236 CORVISIER, La stérilité de la femelle. Terre Maroc. 15(184): 12-14. Mar. 1945. 24 T44  
2237 EVANS, O. R. Quebec breeders celebrate 50th annual meeting of the General Livestock Breeders' Society. Family Herald and Weekly Star 76(16): 8. Apr. 18, 1945. 7 F21  
2238 HAMMOND, J. Fecundación artificial. Argentina. Dir. de Ganad. B. de Ganad. 1(3): 23-28. Dec. 1944. 49 B86  
2239 HAMMOND, J. Science and animal nutrition [in Great Britain]. Cattleman 31(12): 67-68. May 1945. 49 C29  
Concerning breeding.  
2240 HUGHES, E. H. Need purebred sires of known ancestry. Calif. Cult. 92: 296. May 26, 1945. 6 C12  
2241 LEWIS, V. W. Breeding high quality live stock. Brahman Breeder-Feeder 11(4): 8. Apr. 1945. 43.8 B73  
2242 \*PANES, A. La consanguinidad como método de mejora ganadera. Ganadería [Madrid] 3(19): 43-45. Jan. 1945. 49 G15  
2243 PERAZA, V. M. Cruzamiento don razas selectas. Liborio 5(4): 13. Apr. 1945. 43.8 V41  
2244 RICE, V. A. The science of breeding. South. Stockman 5(5): 20, 39, 42-44, 57; (6): 14, 16. May, June 1945. 49 So83  
Contents: Inbreeding; Principles of selection.

### FEEDS AND FEEDING

- 2245 ALBRECHT, W. A. Discriminations in food selection by animals. Sci. Monthly 60: 347-352. May 1945. 470 Sci23  
2246 ANDREASI, F. Valor energético das forragens feno de alfafa; alfafa (Medicago sativa L.). São Paulo. U. Facul. de Med. Vet. Rev. 2: 247-252. Nov. 1944. 41.8 Sa6  
English summary.  
2247 ANDREASI, F. Valor energético das forragens milho (Zea mays L.). São Paulo. U. Facul. de Med. Vet. Rev. 2: 253-256. Nov. 1944. 41.8 Sa6  
English summary.  
2248 \*AXELSSON, J. Fodrets termiska energi [The energy value of feed]. Lantmannen 28: 69-72. Jan. 22, 1944. 11 L234

- 2249 BENDER, C. B. Grass and legume silage progress. Breeder's Gaz. 110(6): 16-17, 24. June 1945. 49 B74

- 2250 BOHSTEDT, G. Good hay important. Hoard's Dairyman 90: 270. May 10, 1945. 44.8 H65  
2251 BOHSTEDT, G. The hay that ain't. Successful Farming 43(5): 20-21, 42-44. May 1945. 6 Su12

### Need for high quality in hay.

- 2252 BROWN, D. R. Improving animal nutrition to meet post-war trends. So. Austral. Dept. Agr. J. 48: 358-360. Mar. 1945. 23 So83  
2253 CALDWELL, M. J., and HUGHES, J. S. A suggested explanation for the action of mineral elements on nerve irritability. Amer. Vet. Med. Assoc. J. 106: 298-300. May 1945. 41.8 Am3  
2254 CORBIN, F. Pour l'amélioration de l'alimentation du bétail. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 1: 72-74. Nov. 1944. 8 R327  
2255 \*FIGUEIREDO, J. M. DE. Os derivados animais aplicáveis aos arraçoamentos. Rev. de Med. Vet. [Lisboa] 39: 541-556. Dec. 1944. 41.8 R2215  
Animal byproducts used as protein complements.  
2256 GODDEN, W. The feeding of livestock. Roy. Agr. Soc. England. J. 105: 39-46. 1944. 10 R81  
2257 JARL, F. Experiments in fodder conservation. Imp. Bur. Pastures and Forage Crops. B. 33, p. 34-37. Mar. 1945. 64.8 Im7  
2258 KILLOUGH, J. R. Grazing and livestock growing in North Africa. J. Forestry 43: 324-326. May 1945. 99.8 F768  
2259 KOK, E. A. Alimentação mineral dos animais. Rev. Rural Bras. 25(293): 36-37. Jan. 1945. 9.2 B733  
2260 \*LARIN, I. Organizatsiia i ispol'zovanie pastbishch [Organization and utilization of pastures]. Sovkhoz. Proizvod. 5(1/2): 21-24. Jan./Feb. 1945. 20 So85  
2261 LETTIERI, E. La alimentación racional del ganado. Agrario 9(357): 5. Mar. 15, 1945. 9.3 Ag85  
2262 LORIE, J. H. Feed supplies regulate livestock production. Cattleman 32(1): 50-51. June 1945. 49 C29  
2263 LUSH, R. H. More forage for more livestock. South. Planter 106(5): 30. May 1945. 6 So89  
2264 LUSH, R. H. More forage needed. Jersey B. 64: 661. May 20, 1945. 43.8 J48  
2265 MCKENNA, R. J. AAA range practices. Mont. Farmer 32(17): 26. May 1, 1945. 6 M764  
2266 MORRIS, M. L., NAKAMURA, F. I., and ATKINSON, L. N. Proteins and vitamins in relation to nutritional deficiencies of mother's milk. Amer. Vet. Med. Assoc. J. 106: 336-342. June 1945. 41.8 Am3  
2267 NAGEL, H. Minerals are a mainstay of any feeding program. Grain & Feed Rev. 34(9): 8, 47-48. May 1945. 280.28 C78  
2268 \*NEHRING, K. Die einsäuerung von zuckerrüben und von zuckerrübenblattgemischen. Mitt. f. die Landw. 59: 411-413. May 6, 1944. 18 D48M  
2269 O'LOAN, J. Grass silage. Ire. Dept. Agr. J. 41: 313-316. Sept. 1944. 10 Ir2J  
2270 \*OLSSON, P. A. Ligger sockerbetan i sårklass som foderproducent? [Is the sugar beet in a special class as a feed product?]. Försök och Forskning 2: 42. Mar. 1945. 11 F77  
2271 OLSSON, P. A. Sugar beet as a source of fodder. Imp. Bur. Pastures and Forage Crops. B. 33, p. 37-44. Mar. 1945. 64.8 Im7  
2272 POZZI, C. M. Problemas de la alimentación; ideas sumarias en ganadería. Argentina. Dir. de Ganad. B. de Ganad. 1(4/5): 6-15. Jan./Feb. 1945. 49 B86  
2273 \*PRECHT, H. Neue erfahrungen mit der fütterung frischer und eingesäuerter zuckerrüben. Mitt. f. die Landw. 59: 413-414. May 6, 1944. 18 D48M  
2274 RETIEF, D. F. Supplementary feeds to make up for the shortage of maize. Farmer [Pietermaritzburg] 33(13): 8. Mar. 31, 1945. 24 F227



2275 SCHULTZ, W. O. Surpluses for winter production. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 111, 2 p. Pretoria, 1945. 24 So82Pa

2276 SEVERSON, H. Sweet potatoes for feed. South. Agr. 75(5): 8-9, 24-25. May 1945. 6 So83

2277 SIMORRA, J. El fósforo en la alimentación y conservación del ganado vacuno. Rev. Canad. [Habana], 5(1/2): 20-21. Jan./Feb. 1945. 49 R321

2278 SIMORRA, J. La secula y sus efectos. Rev. Canad. [Habana], 5(1/2): 7-9. Jan./Feb. 1945. 49 R321

2279 T., E. B. Making grass silage. Rural New-Yorker 104: 281. May 19, 1945. 6 R88

2280 TURK, K. L. Making silage from hay and pasture. Dairymen's League News 29(10): 8. May 8 1945. 44.8 D1432

2281 TURNER, C. W. Recent advances in ruminant nutrition. Part 2. Amer. Miller and Processor 73(5): 86, 88, 90, 92, 95. May 1945. 298.8 Am32

2282 WALBERG, A. O. Minerals in animal feeding. Rural Co-op. 9(17): 6. May 8, 1945. 280.28 R88

2283 WAY, G. S. Unseen protectors; through the vigilance of Ottawa scientists our animals are guarded from inferior commercial feeds, and we can be sure the mixture matches the label. Family Herald and Weekly Star 76(2): 5. Jan. 10, 1945. 7 F21

2284 \*WENDT, G. VON. En ny analysmetode for fodermedel. A new method for analysis of feed. Lantmannen 29: 240-242. Mar. 17, 1945. 11 L234  
Discussion of method by O. Svanberg, p. 241-242.

#### VETERINARY MEDICINE

2285 ARAMENDI, M. A. Breves comentarios sobre la gestación. Suelo Argentino 4: 82-85, 132. Feb. 1945. 9 Su2

2286 AUSTIN, V. H. Penicillin; recent experimental data. Vet. Student 7: 141-144, 153-156. Winter 1945. Ref. 41.8 V3425

2287 BAKER, E. T. Reconversion for our profession. Vet. Med. 40: 187-190. June 1945. 41.8 M69  
Advocating a directory for the veterinary practice.

2288 BREAUULT, H. J. Hydrophobia. Canad. J. Compar. Med. 9: 110. Apr. 1945. 41.8 C162

2289 BUFF, V. Bruceloses; contribuição bibliográfica. São Paulo. U. Facul. de Med. Vet. Rev. 2: 275-295. Nov. 1944. 41.8 Sa6

2290 CAMBEROS, H. R. Métodos de prevención de enfermedades infecciosas de los animales domésticos; vacunación. Suelo Argentino 4: 154-155, 189. Mar. 1945. 9 Su2

2291 CAMPERCHIOLI, E. E. Peligros que deben conocerse. Hereford 11(60): 57-58. Feb. 1945. 43.8 H42

Rabies in man.

2292 CENTRAL VETERINARY SOCIETY. Sulphonamides in general veterinary practice. Vet. Rec. 57: 229-233. (To be cont.) May 19, 1945. 41.8 V641

2293 \*CLAUSENDORF. Brucellosis, infectious abortion. (In Hebrew.) Hassadeh 25: 187-190. Mar. 1945. 26 H27

2294 CLAY, A. L. "Blight" in farm animals. Queensland Agr. J. 60: 111-112. Feb. 1945. 23 Q33

2295 CONDIGIANI, J. R. Carbunclo bacteridiano: "mal del bazo." Argentina. Dir. de Ganad. B. de Ganad. 1(2): 32-36. Nov. 1944. 49 B86

2296 CORTELEZZI, E. D. Consideraciones epidemiológicas sobre brucelosis. Argentina. Dir. de Ganad. B. de Ganad. 1(3): 37-45. Dec. 1944. 49 B86

2297 \*CRUSZ, H. Contributions to the helminthology of Ceylon. I. On Multiceps serialis. Ceylon J. Sci. Sect. B, Zool. 22: 172-181. Oct. 16, 1944. 410 C33

2298 DALLING, T. Diseases of animals - prevention and treatment. Roy. Agr. Soc. England. J. 105: 13-24. 1944. Ref. 10 R81

2299 DETWEILER, D. K. Sex hormones in veterinary practice. Pa. U. School Vet. Med., Vet. Ext. Q. 98, 26 p. Philadelphia, 1945. 41.9 P386

2300 ERDMANN, F. La edad en las especies domesticas; características morfológicas; cronometría dentaria. Cir. Méd. Vet. de la Prov. de Buenos Aires. Rev. 8, 1. e. 9(1/2): 13-18, 20-23, 25-39. Jan./Feb. 1945. 41.9 C49

2301 FOUST, H. L. Postwar planning in veterinary medicine. Amer. Vet. Med. Assoc. J. 106: 343-346. June 1945. 41.8 Am3

2302 GOMEZ, O. J. Exposición del estado actual de la profilaxis antiaftosa; carácter de los problemas planteados con especial referencia a la aplicación de la vacuna Waldmann. Res 13: 17242-17244. Mar. 20, 1945. 286.85 R31

2303 HARRIS, L. Penicillin therapy in veterinary medicine. Norden News 19(3): 4-5. May/June 1945. 41.8 N75

2304 HOUELOT, C. Vademecum veterinario del ganado; formas farmaceuticas diversas y modo de administración de los medicamentos. Panama. Min. de Agr. y Com. Rev. de Agr. y Com. 4(42): 26-35. Feb. 1945. 8 R3291

2305 \*INDIAN VETERINARY JOURNAL. Special educational number. Indian Vet. J., v. 21, No. 4, p. 197-292. Jan. 1945. 41.8 In2

Partial contents: Future development of veterinary education in India, by M. Abdussalam, p. 197-209; Veterinary education past, present and future, by M. V. Pillai, p. 211-218; A short note on the past, present and future of veterinary education in India, by N. D. Dhakmarwala, p. 219-221; Veterinary education in India, by G. N. R. Chaudhuri, p. 222-224; Future veterinary education in India, by R. L. Kaura, p. 224-225; Reform in veterinary education in India, by Demodecs, p. 225-230; Veterinary education in India, by C. J. Fernandes, p. 230-234; Animal husbandry development, by J. D. S. Kumaran, p. 235-242; Essential aspects of future veterinary education, by B. B. Mundhe, p. 243-251; Veterinary education in Madras, by M. A. N. Rao, p. 252-254.

2306 KLEIN, J. Livestock disease and parasite control. Calif. Cult. 92: 225, 234-235. Apr. 28, 1945. 6 C12

2307 KNAPP, J. V. Some economic losses resulting from preventable bruises, injuries, deaths, parasites and disease to livestock on Florida farms and ranges. For Sale, Want and Exch. B. 4(4): 1, 4. May 15, 1945. 280.38 F74

2308 LARROSA BOREÁN, M. A. El metodo paliativo en podología; consideraciones sobre la neurotomía plantar. Diario Rural 4(467): 10, 12. Apr. 7, 1945. 9.9 D54

2309 LITTLE, G. W. Scrapping guesswork through diagnosis. All-Pets Mag. 16(11, 1. e. 12): 36. Apr., 1. e. May 1945. 48.8 AL5

2310 \*LÓPEZ Y LÓPEZ, C. Orientaciones para la lucha contra las epizootias. Spain. Min. de Agr., Secc. de P., Prensa y Propag. Hojas Divulg., v. 36. No. 28, 8 p. Madrid, 1944. 15 H68

2311 LUCHA contra la fiebre aftosa. Suelo Argentino 4: 226-229, 240-241, 261, 264 [1. e. 267]. Apr. 1945. 9 Su2

Includes discussion of legislation.

2312 MAC COLL, E. D. La enfermedad de Bang. Diario Rural 4(462): 12. Mar. 14, 1945. 9.9 D54  
Immunization with strain 19.

2313 MADDY, K. T. The etiology of urinary calculi. Vet. Student 7: 160-164. Winter 1945. Ref. 41.8 V6425

2314 MADSEN, L. L. Nutritional diseases and minerals. Milk Prod. [Houston] 10(3): 7. Apr. 1945. 44.8 M5993

2315 MANN, D. Ever buy a "cure-all?" Law and reputable companies ousted "quacks." Kans. Farmer 82(9): 5, 19. May 5, 1945. 6 K13

2316 MARCONE, J. Consideraciones sobre la actinomicosis. Agrario 9(357): 8-9. Mar. 15, 1945. 9.3 Ag85

2317 MAYO, N. S. Reminiscences. I-IV. Vet. Med. 40: 85-86, 129-130, 149-151, 203-205. Mar.-June 1945. 41.8 M69

Nelson S. Mayo's recollections of his veterinary practice and veterinarians he has known.



- 2318 \*MONTEIRO, M. L. A questão do "visto." Rev. de Med. Vet. [Lisboa] 39: 560-563. Dec. 1944. 41.8 R3215  
Rabies immunization certificate.
- 2319 \*NEVES E CASTRO, A. V. DAS. Campanha de saneamento. Rev. de Med. Vet. [Lisboa] 39: 557-559. Dec. 1944. 41.8 R3215  
Discussion of tuberculin testing.
- 2320 NUEVO Decreto-Ley No. 5143-45, de lucha contra la fiebre aftosa. Soc. Rural Argentina. An. 79: 195-198. Mar. 1945. 9 Sol
- 2321 ORCUTT, H. P. Veterinary remedies. Ariz. Stockman 11(4): 8, 28-29. May 1945. 49 Ar4  
About treatment for various diseases.
- 2322 PAYNE, L. C. Blood transfusion; therapeutic use in shock. Vet. Student 7: 145-147, 156-159. Winter 1945. 41.8 V6425
- 2323 PEATT, E. S. W. The Army Veterinary Services in India and Burma. Vet. Rec. 57: 219-221. May 12, 1945. 41.8 V641
- 2324 PEREIRA, R. S. Sobre a determinação fotométrica das proteínas do sêro, ou do plasma, por meio da reação do biureto. São Paulo. U. Facul. de Med. Vet. Rev. 2: 257-273. Nov. 1944. 41.8 Sa6  
English summary.
- 2325 PIRES, A. Dos enfermedades parasitarias de los animales que pueden transmitirse al hombre. Suelo Argentino 4: 150-161. Mar. 1945. 9 Su2  
Trichinosis and hydatidosis.
- 2326 PIRES, A. Insolación y golpe de calor. Hereford 11(60): 42. Feb. 1945. 43.8 R42
- 2327 PIRES, A. Sensibilización de los animales domésticos a la luz. Res 13: 17299-17300. Apr. 5, 1945. 286.85 R31
- 2328 PORTILLO, A. G. La anestesia... como auxiliar del clínico. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 11-13; (3): 46-48; (4/5): 48-52. Nov., Dec. 1944, Jan./Feb. 1945. 49 B86
- 2329 POZZI, C. M. Toxicología. Argentina. Dir. de Ganad. B. de Ganad. 1(3): 6-11. Dec. 1944. 49 B86  
Plants poisonous to livestock.
- 2330 QUIN, A. H. Penicillin's ready... released for veterinarians. Successful Farming 43(6): 21, 74. June 1945. 6 Su2
- 2331 QUIROGA, S. S. Utilidad del estudio de las Salmonellas. Campo Buenos Aires, 29(341): 26-27, 39. Mar. 1945. 9 G15
- 2332 RIVAS LARRAIDE, G. El Servicio de Higiene y Sanidad Animal del M[inisterio de] A[gricultura y] C[ria], y la lucha contra las enfermedades infecto-contagiosas. Agr. Venezol. 9(103/104): 36-37, 41. Nov./Dec. 1944. 9.95 Ag8
- 2333 ROUSSY, G. El cancer en los animales. Rev. Ganad. [Havana] 5(1/2): 17-20. Jan./Feb. 1945. 49 R321
- 2334 \*SCHAETZ, F. Nochmals Viscogela. Deut. Tierärztl. Wehnschr./Tierärztl. Rundschau 51/49: 8-9. Apr. 10, 1943. 41.8 D482  
For use in obstetrics.
- 2335 SCHALK, A. F. We're finding answers to the bloat problem. Successful Farming 43(6): 66, 68-69. June 1945. 6 Su2
- 2336 SCHROEDER, C. R. Classification of the phenomena of specific sensitivity in lower animals. Amer. Vet. Med. Assoc. J. 106: 351-354. June 1945. Ref. 41.8 Am3  
Anaphylaxis and allergy.
- 2337 SCHWARTZ, B. Zooparasites in relation to production of meat and other animal products in wartime. Amer. Vet. Med. Assoc. J. 106: 331-335. June 1945. 41.8 Am3  
Parasite control in livestock.
- 2338 TAGLE V., I. Medidas contra la distomatosis hepática, pirinif. Agrario 9(355): 14. Feb. 15, 1945. 9.3 Ag85
- 2339 TISCHHAUSER, L. A. Chloral anesthesia in large animals. North Amer. Vet. 26: 330-332. June 1945. 41.8 N812
- 2340 URIBE B., R. La vacunación y su implantación en el medio colombiano. Rev. Agr. y Ganad. 8(88): 18. Oct./Nov. 1944. 9.4 R327
- 2341 \*VALCARCEL, F. F. Producción, control y empleo de sueros y vacunas. Part 2. Ganadería [Madrid] 2(18): 19-25. Dec. 1944. 49 G15
- 2342 VELASQUEZ Q., J. El aborto contagioso. Agr. Mex. 60(12): 1-20. Dec. 1944. 8 Ag8
- 2343 ZOTTNER. Observations sur l'emploi de la phénothiazine comme anthelminthique au Maroc. Terre Maroc. 15(183): 6-8. Feb. 1945. 24 T44

## MISCELLANEOUS

- 2344 ANASTASIA, P. Normas para los trabajos ganaderos. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 139. Mar. 8, 1945. 9.9 G15B
- 2345 BUCHANAN, R. E. Cooperation in animal husbandry research. J. Anim. Sci. 4: 87-95. May 1945. 49 J82
- 2346 CALL, L. E. Scope of animal husbandry research at the Kansas Agricultural Experiment Station. Kans. Stockman 30, i. e. 29(8): 7. June 1945. 49 K134
- 2347 \*COBOS DE ARCOS, J. Rutas de ganadería; las vías pecuarias o caminos ganaderos. Ganadería [Madrid] 2(18): 55-57. Dec. 1944. 49 G15  
Contains map of principal routes.
- 2348 FOURIE, P. J. The vital importance of health in slaughter stock; conditions which make meat unfit for consumption. Farmer [Pietermaritzburg] 33(6): 8. Feb. 11, 1944. 24 F227
- 2349 LONDON, C. R. Co-operative coyote control. Cattleman 31(12): 86-87. May 1945. 49 G29
- 2350 MCCLAIN, E. Livestock in the U. S. S. R. Breeder's Gaz. 110(6): 7, 26. June 1945. 49 B74
- 2351 MCFEE, H. C. Accomplishments of the regional animal research laboratories. (Abs.) J. Anim. Sci. 4: 96-97. May 1945. 49 J82
- 2352 MERRIFIELD, J. "Profit-thieves" to livestock farmers. Ky. Farmer's Home J. 81(5): 14, 21. May 1945. 6 F2237  
About shipping practices.
- 2353 MOODY, L. S. History of the Twin States Livestock Association. Ga. Agr. 36(6): 3, 10, 23. Mar. 1945. 276.8 G29
- 2354 REED, H. J. Advantages and limitations of the regional laboratory method of approach. J. Anim. Sci. 4: 98-103. May 1945. 49 J82
- 2355 RODRIGUEZ FONTES, L. Como combatir el murcielago hematofago (Mbopi). Paraguay. Min. de Agr. Rev., No. 6, p. 64. Feb. 1945. 9.7 Ag8Re
- 2356 \*TALEGON HERAS, F. Medios de fomento ganadero. Ganadería [Madrid] 2(18): 13-16. (To be cont.) Dec. 1944. 49 G15
- 2357 URDANETA, I. Fomento ganadero en Santander. Santander (Dept.). Contraloría Dept. B. 10 (40): 35-37. Nov. 1944. 255.5 C7152
- 2358 WHITEHOUSE, F. Animal husbandry in rural education. Country Life [Sydney] 56(38): 4. Apr. 6, 1945. 286.85 Sy2
- 2359 WISSLER, C. The domestication of animals. Nat. Hist. 54: 200-206. May 1945. 500 N483J
- 2360 WOODSIDE, J. Grow more fodder crops, selling "in the skin." Plough can double Australia's meat production. Farmer and Settler 40(11): 25. Apr. 15, 1945. 23 F226
- 2361 WRIGHT, H. Facts about the Twin States Livestock Association. Ga. Agr. 36(6): 9. Mar. 1945. 276.8 G29

## CATTLE

## Breeds and Breeding

- 2362 ASDELL, S. A. Breeding systems used to produce the highest yielding Guernsey and Holstein cows. J. Anim. Sci. 4: 146-150. May 1945. 49 J82
- 2363 BARTLETT, S., and MACKINTOSH, J. The artificial insemination of cattle. Roy. Agr. Soc. England. J. 105: 175-189. 1944. 10 R81
- 2364 BOWLING, G. A. The Reymann Memorial Ayrshires. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 7. 2 W522W
- 2365 BOWLING, G. A. West Virginia Ayrshire Breeders' Association. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 14. 2 W522W



- 2366 BOYD, W. L. Many causes for breeding troubles in cows. Minn. Farm and Home Sci. (Minn. Sta.), 2(3): 13-14. May 15, 1945. 100 M668
- 2367 BRYANT, R. G. Purchase of high-class bulls not so expensive after all. Farmer and Settler 40(11): 29. Apr. 13, 1945. 23 F226
- 2368 BUCY, W. E. The West Virginia Jersey Cattle Club. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 17-18. 2 W522W
- 2369 BUSQUET, E. G. Inseminación simple y doble en la fecundación de bovinos; material y metodos. Suelo Argentino 4: 78-81, 111, 133. (Concl.?) Feb. 1945. 9 Su2
- 2370 C., H. C. Dual-purpose (Red Polled) cattle for mixed farming. Glamorgan Farmer 9: 37-38. 1945. 10 G45
- 2371 CAMPBELL, H. N. The Mannington District Jersey Cattle Club. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 8, 25. 2 W522W
- 2372 CHAMBERS, E. E. Veterinarian says artificial breeding would aid value of good beef bulls. South. Stockman 5(6): 29, 36. June 1945. 49 So83
- 2373 CLAWSON, J. E. "Our turn to howl." Milking Shorthorn J. 26(5): 8. May 1945. 43.8 M59
- Concerning the dual-purpose Shorthorn.
- 2374 CRAWFORD, F. W. Two Georgina families. Aberdeen-Angus J. 26(10): 68, 108. May 1945. 43.8 Ab3
- Two strains of Aberdeen-Angus.
- 2375 DENNISON, H. E. The Jersey breed. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 6, 26. 2 W522W
- 2376 DIXON, E. W. In-breeding...dairy Shorthorns. Austral. Farm and Home 54: 96-100, 102. Mar. 30, 1945. 23 Au7
- 2377 ELLIS, M. G. Honor world record cow; Calgary Holstein regains world honors for fat production with 1408 lb. record. Family Herald and Weekly Star 76(14): 10. Apr. 4, 1945. 7 F21
- 2378 ELSWORTH, C. W. T. Ideal stock for mixed farmers; remarkable economy of Red Poll cattle in Australia. Farmer and Settler 40(11): 34. Apr. 13, 1945. 23 F226
- 2379 EVANS, O. R. Ayrshiremen celebrate 75th anniversary...in Montreal where the Canadian Ayrshire Breeders' Association was first organized. Family Herald and Weekly Star 76(10): 7. Mar. 7, 1945. 7 F21
- 2380 EVANS, O. R. Canada adopts new cattle breeding plan...artificial insemination. Family Herald and Weekly Star 76(4): 3-4. Jan. 24, 1945. 7 F21
- 2381 EVANS, O. R. New constitution for Quebec branch of the Holstein-Friesian Association of Canada. Family Herald and Weekly Star 76(11): 12. Mar. 14, 1945. 7 F21
- 2382 FISHER, W. H. Zebu cattle in Java. Brahman Breeder-Feeder 11(5): 20-21. May 1945. 43.8 B73
- 2383 GAUNT, S. N. Remarkable string of Holstein bulls in Litchfield County Artificial Breeding Association. Conn. Milk. Prod. Assoc. B. 27(308): 3. Apr. 1945. 44.9 C768
- 2384 GEDDES, G. W. Jerseymen take bull by the horns. Family Herald and Weekly Star 76(6): 11. Feb. 7, 1945. 7 F21
- A cooperative plan for artificial insemination.
- 2385 \*GRANDA ASPRA, J. A. Una verdadera política de mejora del ganado vacuno debiera orientarse hacia la selección y el afianzamiento de determinadas razas indígenas. Aliment. Nac. 4(40): 6. Jan. 10, 1945. 389.8 AL42
- 2386 GREVE S., G. La Asociación de Criadores de Ganado Holandés "Chile." Unión Agr. del Sur 3 (16): 38-39. Mar. 1945. 9.3 Un3
- 2387 GREVE S., G. Cuál es el tipo Holandés que nos conviene? Agrario 9(355): 3, 14. Feb. 15, 1945. 9.3 Ag85
- 2388 HARRISON, J. Shorthorns (as dual-purpose cattle). Gt. Brit. Min. Agr. Agriculture 52(1): 26-29. Apr. 1945. 10 G79J
- 2389 IDTSE, F. S. Brown Swiss. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 24, 26. 2 W522W
- 2390 IMHOF, A. H. Artificial breeding program. Pa. Farmer 132: 271. May 12, 1945. 6 P383
- Western Pennsylvania Artificial Breeding Cooperative.
- 2391 \*KOLYSHKINA, N. Plemennaya rabota v sovkhoe. Sovkhoz. Proizvod. 5(1/2): 48-49. Jan./Feb. 1945. 20 So85
- Cattle breeding on the state farm "Alamedin."
- 2392 \*LAGEERLÖF, N. Ofruktsamheten i våra ladugårdar. Lantmannen 28: 47-48, 65-67. Jan. 15, 22, 1944. 11 L234
- Causes of sterility in dairy cattle.
- 2393 LEINBACH, F. H. Handling the breeding herd. South. Planter 106(5): 6. May 1945. 6 So89
- 2394 LOUNSBURY, L. R. Breeding for depth; Chicon farm Guernseys. Guernsey Breeders' J. 67: 905-910, 922, 925. May 1, 1945. 43.8 G93
- 2395 MACARTHUR, S. C. Two great Jersey bulls bring fame to the "Lynroy" Jersey stud. Live Stock B., Apr. 2, 1945, p. 4-5. 23 F222
- 2396 MCMILLAN, G. Selecting a dairy herd sire. Canad. Ayrshire Rev. 26: 7-9, 60. May 1945. 43.8 Ay72
- 2397 MONTGOMERY, M. Striking present day proof of value of good bulls. Farmer and Settler 40(11): 15. Apr. 13, 1945. 23 F226
- 2398 NEAL, R. R. Aberdeen-Angus. Aberdeen-Angus J. 26(10): 72-73, 76. May 1945. 43.8 Ab3
- 2399 NISBET, J. The Brigham Jersey herd. Jersey B. 64: 653. May 20, 1945. 43.8 J48
- 2400 MORTON, H. W., JR. Holsteins; characteristics and development. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 19-20. 2 W522W
- 2401 \*OREGUI, I. La esterilidad en el ganado vacuno. Agricultura (Madrid) 14: 136-137. Mar. 1945. 15 Ag84
- Concerning the bull.
- 2402 FELLETTIER, J. R., and GIRARD, H. Études économiques sur la production laitière. Terre de Chez Nous 17(30): 16, 20. May 2, 1945. 7 T27
- Effect of breeding.
- 2403 PHILLIPS, B. The West Virginia Holstein-Friesian Association. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 16, 18. 2 W522W
- 2404 RICE, E. B. Grading-up the dairy herd. Queensland Agr. J. 60: 174-175. Mar. 1945. 23 Q33
- 2405 RICKER, G. H. Ice cream and Jerseys. Jersey B. 64: 585, 631-632. May 5, 1945. 43.8 J48
- Description of the Tardiff farm.
- 2406 S., B. Importance attached by breeders to the progeny test [of dairy bulls]. Farmers' Gaz. [Dublin] 103: 230-231. Apr. 28, 1945. 10 F221
- 2407 SALISBURY, G. W., and MERCIER, E. The reliability of estimates of the proportion of morphologically abnormal spermatozoa in bull semen. J. Anim. Sci. 4: 174-178. May 1945. 49 J82
- 2408 SHULTZ, E. N. The Guernsey breed. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 25. 2 W522W
- 2409 SIMS, J. A. Was Bright Blonde greatest Jersey cow? Jersey B. 64: 587, 629-631. May 5, 1945. 43.8 J48
- 2410 SQUIBB, R. L. Mejoramiento ganadero en Guanacaste. Hacienda 40: 234-236. May 1945. 6 H11
- 2411 STUCKY, E. E. Why Milking Shorthorns? Milking Shorthorn J. 26(5): 8. May 1945. 43.8 M59
- 2412 U. S. OFFICE OF THE COORDINATOR OF INTER-AMERICAN AFFAIRS. India's cattle improve tropical American breeds. Foreign Com. Weekly 19(6): 6-7, 41. May 5, 1945. 157.54 F763
- 2413 VILLARES, J. B. Contribuição para o estudo da raça Nelore. Rev. dos Criadores 16(3): 11-19; (4): 9-15. Mar., Apr. 1945. 43.8 R32
- II. Aspectos genéticos da cor da pele na raça Nelore; III. Os Nelore de pele cremosa do ponto de vista da adaptação.



- 2414 YOUNG, M. L. Leeds [County, Ontario] sets up [a cooperative artificial] breeding centre. Family Herald and Weekly Star 76(1): 4. Jan. 3, 1945. 7 F21
- Feeds and Feeding
- 2415 AICHER, L. C. Highlighting the operations at Fort Hays Experiment Station. Kans. Stockman 30, 1. e. 29(8): 16-17. June 1945. 49 K134  
Beef cattle feeding and pasture management.
- 2416 ANDRADE, B. M. DE. O farelo de cascas de arroz na alimentação do gado. Rev. dos Criadores 16(3): 30-32. Mar. 1945. 43.8 R32
- 2417 AXELSSON, J. Kontrollerrade besättningar ha bäst hållit produktionen uppe. Lantmannen 29: 235-237. Mar. 17, 1945. 11 L234  
Effect of war diet on milk production.
- 2418 BLACK, W. H., ELLIS, N. R., and GARRIGUS, W. F. Distillery slops for fattening steers. J. Anim. Sci. 4: 158-163. May 1945. 49 J82
- 2419 BOELAND, A. A. Proper feeding for dairy herd efficiency, economy. Natl. Butter and Cheese J. 36(5): 74. May 1945. 286.85 B98Bu
- 2420 BURNS, F. W. Does it pay to feed grain to dairy cows? This Month in Rural Ala., May 3, 1945, p. 3. 6 T34
- 2421 CAMPBELL, R. S. Forest range grass best during spring. Coastal Cattleman 11(4): 7. June 1945. 43.8 C63
- 2422 CINTALESI C., G. Importancia de las proteínas en la ración lechera. Agr. Costarricense 3 (2): 72-76. Feb. 1945. 8 Ag895
- 2423 CONNELL, W. E., and others. Potatoes tried as cattle fattening feed in tests at station; results are reported. Colo. Farm B. 7(2): 6-10. Mar./Apr. 1945. 100 C71S  
L. E. Washburn, R. C. Tom, E. M. Mervine, and J. T. Strate, joint authors.
- 2424 DICKINSON, C. L. An extra ton of milk per cow each year. Amer. Agr. 142: 241. June 2, 1945. 6 Am3  
Summer feeding.
- 2425 GOETTLER, B. Go to grass. Prairie Farmer, Gen. Ed. 117(11): 16. May 26, 1945. 6 P863  
In terms of pasture management.
- 2426 HARGRAVE, H. Processing grass for profit. Canad. Hereford Digest 3(1): 5. Mar. 1945. 43.8 C164  
Range feeding.
- 2427 HOGAN, A. G. Nutrition for the breeding herd. Shorthorn World 30(5): 3-4. May 10, 1945. 43.8 Sh8
- 2428 HUFFMAN, C. F. Feeding dairy cattle. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 12-13. 2 W522W
- 2429 HUFFMAN, C. F. Vitamins for dairy cattle. (Abs.) Milk Dealer 34(8): 56, 58. May 1945. 44.8 M595
- 2430 KAY, H. D. Value of wheat offals for milk production. (Sum.) Food 14: 91. Apr. 1945. 389.8 F738
- 2431 KINCAID, C. M., LITTON, G. W., and HUNT, R. E. Some factors that influence the production of steers from pasture. J. Anim. Sci. 4: 164-173. May 1945. 49 J82
- 2432 MCCULLOCH, J. T. Feeding of Gerrardstown dairy herd; November '44 to April '45. Agr. Ireland 3: 52. May 1945. 10.5 Ag8
- 2433 MCPHAIL, M. C., RATHBY, G. E., and WATSON, W. P. Helpful hints on preparing meal mixtures for dairy cows during the stable feeding period. Ontario. Dept. Agr. Ext. C. 69, 8 p. Toronto, 1945. 275.29 On8
- 2434 MCMUNN, E. W. Green pastures, their key to good feeding for dairy cattle. Ohio Farmer 195 (10): 5. May 19, 1945. 6 Oh3
- 2435 MARTÍNEZ, M. Alimentación de la vaca lechera. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 35: 197-199. (Cont.) Sept./Oct. 1944. 8 R323
- 2436 MORRISON, S. R. Not only safer, but there's the convenience factor in beef calves; the creeper feed way. Plantation Stockman 2(9): 16, 43. May 1945. 49 P69
- 2437 ORBORN, A. The influence of ley fodder on quality of milk. Imp. Bur. Pastures and Forage Crops. B. 33, p. 33-34. Mar. 1945. 64.8 Im7
- 2438 PRINCE, F. S. Ladino clover makes a record. Better Crops with Plant Food 29(4): 6-8, 40-41. Apr. 1945. 6 B46
- 2439 RACICOT, A. Raising calves at Mare Island U. S. Naval Prison Farm. Holstein-Friesian World 42(9): 744-745. May 5, 1945. 43.8 H742  
Mainly concerning feeding.
- 2440 SANTOS, E. DE S. Alimentação do gado na seca. Rev. dos Criadores 16(4): 36-38. Apr. 1945. 43.8 R32  
Includes directions for silage preparation.
- 2441 SERVISS, G. Sudan grass as pasture for dairy cattle. Amer. Agr. 142: 219, 232. May 19, 1945. 6 Am3
- 2442 SINGLETON, H. P., ENSMINGER, M. E., and GUNHA, T. J. Wasted dollars; by-product feeds offer profits to cattlemen in cheap weight gains. West. Livestock J. 23(33, 1. e. 32): 28-29. May 15, 1945. 6 F2278  
Experiments with less used feeds.
- 2443 SMITH, V. R., JONES, I. R., and HAAG, J. R. Alfalfa with and without concentrates for milk production. J. Dairy Sci. 28: 343-354. May 1945. Ref. 44.8 J822
- 2444 TINDALL, C. How much grain and pasture? Mo. Ruralist 86(9): 18. May 12, 1945. 6 R8891
- 2445 TOMME, M. Ratsional'nyy tip kormleniya skota [Rational type of feeding cattle]. Sovkhoz. Proizvod. 5(1/2): 45-47. Jan./Feb. 1945. 20 So85
- 2446 TUPPER-CAREY, H. D. Fattening of cattle at Gwoza [Nigeria]. Farm and Forest 5: 157. Dec. 1944. 24 F226  
Concerning oxen.
- 2447 VANSANT, W. R. Balance the dairy herd with feed. Ariz. Farmer 24(11): 16-17. June 2, 1945. 6 Ar44
- 2448 VENN, H. W. H. Kale and the dairy farmer. Gt. Brit. Min. Agr. Agriculture 52: 56-58. May 1945. 10 G79J
- 2449 VERNEY, L. Better dairy cows and more feed. Queensland Agr. J. 60: 96-97. Feb. 1945. 23 Q33
- 2450 WEBER, A. D., and AICHER, L. C. Combine-types of grain sorghums in beef cattle fattening rations. Kans. Stockman 30, 1. e. 29(8): 13-14. June 1945. 49 K134
- 2451 WEBER, A. D. Different levels of grain feeding for fattening yearling steers. Kans. Stockman 30, 1. e. 29(8): 8-9. June 1945. 49 K134
- 2452 WEBER, A. D. Fattening yearling beef heifers for the summer market. Kans. Stockman 30, 1. e. 29(8): 10. June 1945. 49 K134
- 2453 WEBER, A. D. Information on feeding during the wintering of yearling steers. Kans. Stockman 30, 1. e. 29(8): 11-12. June 1945. 49 K134
- 2454 WYLIE, C. E., and HINTON, S. A. Feeding the dry cow. Hoard's Dairyman 90: 305. May 25, 1945. 44.8 H65
- Veterinary Medicine
- 2455 ANDERSON, B. P. Causes of mastitis. Skagit Co-op. Dairyman 22(9): 7. May 1945. 280.28 Sk1
- 2456 BERT, F. Gehäuftes auftreten von gärtnerinfektionen in einem rinderbestande mit einem abortusfall. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 11-12. Apr. 10, 1943. 41.8 D482
- 2457 BLAKELY, A. A. Grass staggers in cows. Haver-Glover Messenger 25(5/6): 10-11. May/June 1945. 41.8 H29



2458 CACERES Y MARTÍNEZ, A. R. Curso de ganado vacuno; principales enfermedades del ganado. I-III. Fomento [monthly] 2(13): 12-13, 16, 21; (14): 11-13, 19-21; (15): 7-8, 17-18, 25-26. Nov., Dec. 1944, Jan. 1945. 8 F734

Author's name appears as Armando Rodríguez y Martínez in Part I.

I. Generalidades; II. Sujeción de los animales; III. Nociones de terapéutica y materia médica.

2459 CHAMBERS, E. E. Interesting facts from a review of herd records. North Amer. Vet. 26: 338-343. June 1945. 41.8 N812

Seven case histories of pregnancy in dairy cattle. 2460 COLE, H. H. Hormones and milk production in sterile cows. Nulaid News 23(1): 15. Apr. 1945. 47.8 N917

2461 D'APICE, M. Tratamento da enterite infectuosa dos bezerros. Rev. dos Criadores 16(4): 18-19. Apr. 1945. 43.8 R32

2462 DE KOCK, G. The tuberculosis menace to Union's dairy herds. Farmer [Pietermaritzburg] 33(3): 14. Jan. 21, 1944. 24 F227

2463 DUCK, R. W. The miracle of milk making. Rural New-Yorker 104: 284-285. May 19, 1945. 6 R88

2464 \*EGEHOJ, J. Ätiologie der lymphozytomatosis (Knut-Volkman) des rindes. Deut. Tierärztl. Wehnschr./Tierärztl. Rundschau 51/49: 3-8. Apr. 10, 1943. 41.8 D482

2465 EINERSON, W. J. Purulent metritis complicated by purulent encephalitis in a heifer. Vet. Student 7: 169-170. Winter 1945. 41.8 V6425

2466 EL HAGRI, M. A. A. M. The arterial system of the udder of the cow. Vet. J. 101: 75-88. Apr. 1945. 41.8 V643

2467 FERRARI, A. J. Mamitis estreptococcica de las vacas lecheras. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 60-61. Nov. 1944. 49 B86

2468 FOLLEY, S. J., and others. The galactopoietic action of pituitary extracts in lactating cows. I-III. J. Endocrinol. 4: 194-218. Jan. 1945. 44.8 J8293

I. Dose-response relations and total yields during declining lactation, by S. J. Folley and F. G. Young; II. The response during the peak of lactation, by H. T. Fawns, S. J. Folley, and F. G. Young; III. Comparison of extracts of pituitary glands from different species, by S. J. Folley, F. H. Malpress, and F. G. Young.

2469 FRAYER, J. M. Mastitis - a progress report. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 6-7. 44.9 V593

2470 GREEN, T. C. Bovine brucellosis (Bang's disease). W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 4, 28. 2 W522W

Suggestions for control.

2471 GREVE S., G. Importancia de las asociaciones ganaderas de control. Agrario 9(355): 7. Feb. 15, 1945. 9.3 A855

2472 HASSON, R. Directions for using Hasson culture bottles to recognize udder infections. Calif. Dairyman 25(7): 11-12, 15-16. May 12, 1945. 44.8 C12

Testing for mastitis.

2473 HASSON, R. How to control mastitis; segregation - or the quarantine of infected cows. Calif. Dairyman 25(5): 16-17. Apr. 14, 1945. 44.8 C12

2474 HENDERSHOTT, R. A. Bovine mastitis. Vet. Med. 40: 191-197. June 1945. 41.8 M69

2475 HOPKIRK, C. S. M. Control of mastitis of dairy cows. New Zeal. J. Agr. 70: 245-248. Mar. 15, 1945. 23 N48J

2476 HUCKER, G. J. Controlled discussion of current problems of sanitation and disease control in dairy industry. N. Y. State Assoc. Milk Sanit. Ann. Rpt. (1944) 18: 53-54, 56, 58-60, 62, 64-66, 68-70, 72. 1945. 44.9 N4833

2477 IOWA VETERINARY MEDICAL ASSOCIATION. Cattle disease forum; mastitis. Iowa Vet. 16(3): 12-16. (To be cont.) May/June 1945. 41.8 I09

2478 KERLIN, D. L., and GRAHAM, R. Brucella abortus isolated from aborted fetuses of vaccinated heifers. Amer. Vet. Med. Assoc. J. 106: 356-357. June 1945. 41.8 Am3

2479 KERR, W. R., and ROBERTSON, M. A note on the appearance of serological varieties among Trichomonas foetus strains isolated from infected cattle. Vet. Rec. 57: 221-222. May 12, 1945. 41.8 V641

2480 KING, R. O. C., and KINROSS, R. M. Brucellosis of cattle. (Bang's disease.) Agr. Gaz. N. S. Wales 56: 133-136. (Concl.) Mar. 1, 1945. 23 N472

2481 KIRKPATRICK, M. G. Phenothiazine-salt mixture is O. K. for cattle. Farm and Ranch 64(5): 6-7. May 1945. 6 T31

2482 LEWIS, R. V. Urethral calculi in the bovine species. Vet. Student 7: 166-167. Winter 1945. 41.8 V6425

2483 LOVELL, R. Some of the common disorders of calves. Vet. Rec. 57: 179-181. Apr. 21, 1945. 41.8 V641

2484 MCADORY, I. S. Mastitis - No. 1 dairy problem. South. Agr. 75(5): 8-9. May 1945. 6 So83

2485 MCCONNELL, W. C. Cattle losses caused by Glottidium vesicarium. North Amer. Vet. 26: 276-277. May 1945. 41.8 N812

2486 MILK production and control...of cattle diseases. Scot. Farmer 53: 546. Apr. 21, 1945. 10 Sco8

2487 MUNCH-PETERSEN, E. Studies on bovine mastitis. II. A note on the presence of Streptococci, especially Streptococcus agalactiae, in milk from beef cows. Austral. Vet. J. 21: 12-14. Feb. 1945. 41.8 Au72

"The first publication in this series is... 'I. Study of an Experimental Herd', Council for Scientific and Industrial Research, Bulletin No. 134, 1940."

2488 NEWTON, O. M. Osteitis vertebral dorso lumbar; causa de incapacidad temporal del toro para la reproducción. Soc. Rural Argentina. An. 79: 239-244. 247-255. Mar. 1945. 9 Sol

2489 NICHOLAS, R. T. Lake County [Illinois] farmers tackle mastitis. Pure Milk 19(5): 6-7, 11. May 1945. 280.28 P97

2490 NISNOVICH, L. Interesante caso de intoxicación en bovinos por maíz parasitado con hongos [Ustilago maydis]. Campo [Buenos Aires] 29(341): 10-11, 15, 52. Mar. 1945. 9 C15

2491 ORTIZ, M. La peste boba en los terneros. Rev. Agr. y Ganad. 8(83): 18, 28; (89): 14-15. Oct./Nov.-Dec. 1944. 9.4 R327

"Peste boba" is term used for diseases of calves. 2492 PATTON, J. W. Repairing an abdominal rupture in a near parturient cow. Vet. Med. 40: 207-209. June 1945. 41.8 M69

2493 PILZ, T. La querato-conjuntivitis. Rev. de Med. Vet. [Buenos Aires] 26: 409-412. Sept./Oct. 1945. 41.8 B86

2494 QUICK, H. L. Traumatic gastritis involving the spleen. Vet. Student 7: 167-168. Winter 1945. 41.8 V6425

Due to ingestion of foreign objects.

2495 REYES, E. Inflamación de la ubre; "mamitis ó mastitis." Agr. Costarricense 3: 136-139. Mar. 1945. 8 Ag895

Mainly about cattle.

2496 ROACH, R. W., and HIGNETT, S. L. Chemotherapy in the treatment of chronic contagious mastitis. Vet. J. 101: 88-94. (To be cont.) Apr. 1945. 41.8 V643

2497 ROBB, C. J. The annals of foot-and-mouth disease; some new historical sidelights. Farmers' Gaz. [Dublin] 103: 236. Apr. 28, 1945. 10 F221

2498 ROBERTSON, E. The control of Bang's disease [by vaccination of calves]. Ky. Farmer's Home J. 81(6): 10. June 1945. 6 F2237

2499 ROLLINS, H. J. Rabies [vaccination] in cattle. North. Amer. Vet. 26: 343-344. June 1945. 41.8 N812



- 2500 MORRISON, J. M. Traumatic peritonitis in the bovine. *Vet. Rec.* 57: 209-210. May 5, 1945. 41.8 V641
- 2501 SCHANG, P. J., and ARAMENDI, M. C. Intoxicación de novillos por *Cynodon dactylon* (L.) Pers. *Gac. Vet.* 6: 264-276. Sept./Oct. 1944. Ref. 41.8 G112
- 2502 SCOTT, P. F. Treatment of acetoneuria in dairy cows. *Vet. Med.* 40: 209. June 1945. 41.8 M69
- 2503 SHAW, J. C., and others. Studies on ketosis in dairy cattle. VI. Is ketosis in dairy cattle due to a vitamin A deficiency? *Amer. Vet. Med. Assoc. J.* 106: 285-291. May 1945. 41.8 Am3
- L. D. Matterson, M. E. Surgenor, and C. A. Hourigan, joint authors.
- 2504 SHAW, R. N. Spaying dairy cows for more profitable milk-production. *North Amer. Vet.* 26: 274-276. May 1945. 41.8 N812
- 2505 SMITH, W. S. Control of mastitis; prevention is the only cure. *So. Austral. Dept. Agr. J.* 48: 335-339. Mar. 1945. 23 So83
- 2506 STEYN, D. G. "Pan-disease" claims cattle victims at Vaaldam. *Farmer [Pietermaritzburg]* 33(12): 14. Mar. 24, 1944. 24 F227
- Poisoning due to drinking water containing *Microcystis flos-aquae*.
- 2507 SWETT, W. W., and others. The effectiveness of sulfonamide preparations in eliminating mastitis. *J. Milk Technol.* 8: 123-124. Mar./Apr. 1945. 44.8 J824
- R. R. Graves, P. C. Underwood, C. A. Matthews, and J. F. Cone, joint authors.
- 2508 TABLEMAN, H. G. A simple operation for contracted teat sphincter. *Vet. Med.* 40: 207. June 1945. 41.8 M69
- Description of method for dilation of the teat.
- 2509 TISCHHAUSER, L. A. Cowpox: variola, vaccinia. *North Amer. Vet.* 26: 268. May 1945. 41.8 N812
- 2510 TURNER, C. W. The hormones regulating milk secretion. *Guernsey Breeders' J.* 67: 912-916. May 1, 1945. 43.8 G93
- 2511 VEIGA, J. S. Bezerros que nascem aleijados. *Rev. Rural Bras.* 25(295): 33-35. Mar. 1945. 9.2 B733
- 2512 VILLARES, J. B. Sobre a castração de bovinos. *Rev. Rural Bras.* 25(293): 43-44. Jan. 1945. 9.2 B733
- 2513 WATSON, C. Science and its application to the cow. Part I-II. *Scot. Farmer* 53: 506, 526. (Concl. ?). Apr. 7, 14, 1945. 10 Sco8
- Mainly concerned with mastitis as related to milk production.
- 2514 \*WEISCHER, F., and HOLLE, A. H. Wesen und behandlung der "Steingeschwulst" des rindes (Pathologische form des puerperalen euterödems). *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 51/49: 14. Apr. 10, 1943. 41.8 D482
- 2515 WILDE, J. K. H. Bovine brucellosis: the use of live vaccines in the control of the disease. *East African Agr. J.* 10: 239-242. Apr. 1945. 24 Ea74
- Miscellaneous
- 2516 APPS, H. J. Care of the dry [dairy] cow. *So. Austral. Dept. Agr. J.* 48: 334. Mar. 1945. 23 So83
- 2517 BAILEY, J. Prevention or retention? *Holstein-Friesian World* 42: 926. June 2, 1945. 43.8 H742
- Suggestions as to care of dairy cattle to prevent retained placenta.
- 2518 BASTERRECHEA, L. DE. El control de las vacas de ordeño y el mejoramiento de la administración de la hacienda. (Sum.) *Agr. Venezol.* 9(103/104): 34-35. Nov./Dec. 1944. 9.95 Ag8
- 2519 BECKER, R. B. Management of the family [dairy] cow. *Fla. Grower* 53(5): 13. May 1945. 80 F6622
- 2520 BELL, F. W. Can we accurately judge what gains our beef cattle will make? *Kans. Stockman* 30, i. e. 29(8): 17-18. June 1945. 49 K134
- 2521 BERRY, J. C. Reliability of averages of different numbers of lactation records for comparing dairy cows. *J. Dairy Sci.* 28: 355-366. May 1945. 44.8 J822
- 2522 \*BONNIER, G. Avkommebedömning av provningstjurar [Judging dairy bulls by their progeny]. *Lantmannen* 28: 363-365. Apr. 15, 1944. 11 L234
- 2523 BURKITT, W. Beef cattle: British breeds in America. *N. F. U. Rec.* 23: 148-149. May 1945. 281.8 N21
- Cattle raising in the United States.
- 2524 \*CHUDINOVSKIKH, A. Korovy na sel'khoz-rabotakh [Cows in agricultural work]. *Kolkhoz. Proizvod.*, No. 10, p. 24-25. Oct. 1944. 281.8 K83
- 2525 DAY, G. E. A matter of honour [in exhibiting beef cattle for sale]. *Shorthorn News* 6(1): 7. 9. Apr. 1945. 43.8 Sh85
- 2526 DIMOCK, W. W. Bovine breeding hygiene. *Kans. Stockman* 30, i. e. 29(7): 24-25. 28. May 1945. 49 K134
- 2527 ELLIOTT, J. Laziest farmer in Tennessee; he makes cattle do the work. *Prog. Farmer, Ky.-Tenn.-W. Va. Ed.* 60(6): 42. June 1945. 6 P945X
- Description of a beef cattle farm.
- 2528 \*ESCAURIAZA, R. D. El problema de la mejora del ganado vacuno en Galicia. III. *Ganadería [Madrid]* 2(18): 10-12. (Concl.) Dec. 1944. 49 G15
- 2529 GILBERT, S. M. The history of a [dairy] herd at the Coffee Research Station, Lyamungu, Moshi, 1935-1944. *East African Agr. J.* 10: 164-167. Jan. 1945. 24 Ea74
- 2530 GODLEY, R. West Virginia dairy cattle show and sale. *W. Va. Dept. Agr. Market B., Spec. Dairy Ed.*, June 1945, p. 11. 2 W522W
- 2531 GRAF, G. C. Point 3 in the 8-point dairy program is---keep production records on each cow in the herd. C[onn]. M[milk]. P[rod]. A[ssoc]. B. 27 (308): 8. Apr. 1945. 44.9 G768
- 2532 HART, G. H., WAGNON, K. A., and GUILBERT, E. R. Culling range breeding herds. *Calif. Cult.* 92: 271. May 12, 1945. 6 C12
- 2533 HAWKES, M. E. Building thrifty calves. *Family Herald and Weekly Star* 76(5): 8. Jan. 31, 1945. 7 F21
- 2534 HEEBINK, G. Dairy herd improvement associations. *W. Va. Dept. Agr. Market B., Spec. Dairy Ed.*, June 1945, p. 9-10, 24. 2 W522W
- 2535 HELLBUSCH, C. E. Permanent pasture plus good [Hereford] cattle make prospects bright for the future of the Sellman boys Valencia Co. farm. *N. Mex. Stockman* 10(5): 23. May 1945. 49 N462
- 2536 HENDRIX, J. M. Three score and ten. II-IV. *Cattleman* 31(11): 13-14; (12): 15-16, 88-90; 32(1): 13-14, 64-65. Apr.-June 1945. 49 C29
- History of the Texas and Southwestern Cattle Raisers Association and Jack County associated with it.
- 2537 HIGGS, C. Calf-rearing on a dairy farm. *Gt. Brit. Min. Agr. Agriculture* 52: 53-56. May 1945. 10 G79J
- 2538 HOOPER, A. T. Care of [dairy] heifers before and after calving. *So. Austral. Dept. Agr. J.* 48: 330. Mar. 1945. 23 So83
- 2539 HUBBARD, W. W. Dairy farming in Florida. *Family Herald and Weekly Star* 76(20): 9. May 16, 1945. 7 F21
- 2540 JENKINSON, R., and JENKINSON, H. Pedigree dairy herd management. *Gt. Brit. Min. Agr. Agriculture* 52(1): 23-26. Apr. 1945. 10 G79J
- 2541 KNOX, J. H., and ECKER, M. Effect of age on the weight and production of range cows. *Cattleman* 32(1): 22. 24. June 1945. 49 C29
- 2542 LAMB, L. W. This business of proving [dairy] bulls. *Amer. Dairy Cattle Club. Herd Builder* 5(4): 1-6; (5): 1-7, processed. Apr. 25, May 25, 1945. 43.9 Am323E
- 2543 LARSON, E. O. A good dairy herd built on a sound basis through records. *Board's Dairyman* 90: 293. May 25, 1945. 44.8 H65



2544 LJUNGAHL, P. W., and PICKETT, A. G. The Kansas Extension beef cattle improvement program explained. Kans. Stockman 30, 1. e. 29(8): 18. June 1945. 49 K134

2545 \*LOPEZ GOMEZ, R. Cómo se compra una vaca lechera. Ganadería [Madrid] 2(18): 37-38. Dec. 1944. 49 G15

2546 MAC GREGOR, H. D. Mejoramiento del ganado bovino, en las regiones del norte del país. Suelo Argentino 4: 214. Apr. 1945. 9 Su2

2547 MCKEOWN, N. R. The rearing of dairy calves. West. Austral. Dept. Agr. J. (ser. 2) 21: 320-332. Dec. 1944. 23 W52J

2548 MACKINTOSH, J. Dairy farming and dairy work. Roy. Agr. Soc. England. J. 105: 30-38. 1944. 10 R81

2549 \*MALININA, M. Provereno na 5-letnem opyte [Tested by 5 years of experience]. Kolkhoz. Proizvod., No. 10, p. 23. Oct. 1944. 281.8 K83

Cold method of raising calves practiced in the kolkhoz "12-1 Oktjabr" in the Leningradskii region.

2550 \*MARTIN, D. I. Cubrir y secar; problemas del ganado vacuno de leche. Ganadería [Madrid] 3 (19): 46-48. Jan. 1945. 49 G15

Records and testing.

2551 \*MATALANA VENTURA, S. Establos higienicos y limpios fundamento de la leche pura. Ganadería [Madrid] 3(19): 49-51, 69. Jan. 1945. 49 G15

2552 MERSON, E. "Cheap and nasty" type condemned; better breeding and feeding necessary to produce better beef in Australia. Farmer and Settler 40(11): 36. Apr. 13, 1945. 23 F226

2553 METCALFE, L. S. The science of milk production. Natl. Food Distrib. J. 19(4): 14. Apr. 1945. 286.28 N212

Concerning a motion picture dealing with the physiology of lactation.

2554 MILLER, R. Hereford "future" calls for quality. Amer. Hereford J. 36(3): 34. June 1, 1945. 43.8 Am32

Describes a plan for grading bulls.

2555 MONGIARDINO, C. A. Importancia de la ubre sana en el valor higienico de la leche. Argentina. Dir. de Ganad. B. de Ganad. 1(3): 32-33. Dec. 1944. 49 B86

2556 MOORE, H. B. The history and accomplishments of the West Virginia Dairymen's Association. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 1. 2 W522W

2557 NEELY, A. W. Cattleman in cotton country. South. Agr. 75(6): 22. June 1945. 6 So83

Description of a beef cattle farm.

2558 NELSON, H. Whidby cow has miracle record. Skagit Co-op. Dairymen 22(9): 3, 6, 19. May 1945. 280.28 Sk1

2559 O'LOUGHLIN, D. B. Some aspects of milk production. Irish Agr. and Creamery Rev. (n. s.) 14(136): 9-12. Apr. 1945. 44.8 C866

2560 PERRY, E. J. Seven easy rules for correct milking. N. J. Farm and Gard. 16(6): 10, 47. June 1945. 6 G162

2561 PETERSON, V. V. Cattle raising in Utah. Amer. Cattle Prod. 26(12): 8-9, 24-26. May 1945. 49 P94

2562 POLLOCK, N. F. De-horning cattle. Vet. Rec. 57: 172. Apr. 14, 1945. 41.8 V641

2563 \*SERGEEVA, M., and SEZEMOV, M. Konkurs molochnosti korov [Contest on the milk productivity of cows]. Kolkhoz. Proizvod., No. 10, p. 23. Oct. 1944. 281.8 K83

2564 SEYMOUR, E. Y. Revived interest in [dairy] herd testing; standard classification of record urged; uniform scheme for Australia. Primary Prod. [Sydney] 22(15): 4. Apr. 13, 1945. 25 P93

2565 \*SHEIMAN, S. Vyrashchivaniye telfat v neotaplivaemykh pomeshcheniyakh [Raising calves in unheated buildings]. Kolkhoz. Proizvod., No. 10, p. 22-23. Oct. 1944. 281.8 K83

2566 SINCLAIR, R. D. Back on the trail of [beef cattle] show ring history [in Great Britain]. Canad. Cattleman 8(1): 30-31, 50. June 1945. 49 C16

2567 SPEIRS, A. Farm inspection, as we get it. N. Y. State Assoc. Milk Sanit. Ann. Rpt. (1944) 18: 31-32. 1945. 44.9 N4833

Description of a dairy farm.

2568 STANTON, H. R. Russ Thomas' Big Spud Farm. N. J. Farm and Gard. 16(6): 8-9, 42. June 1945. 6 G162

Dairy farming combined with raising potatoes and other vegetables.

2569 STOLLERY, D. J. Recollections [up to 1921] of the earliest efforts towards organization of the cattlemen of California. Calif. Cattleman, May 1945, p. 14-17. 43.8 C12

2570 TANNER, A. J. Stud beef cattle breeders [in Australia], rank among our "forgotten men." Farmer and Settler 40(11): 28. Apr. 13, 1945. 23 F226

2571 TEAGUE, C. E. Importance of [dairy] herd replacements. This Month in Rural Ala., May 3, 1945, p. 6. 6 T34

2572 WALLIN, B. Varför inte frigång i boxar för djuren? Lantmannen 29: 243-244. Mar. 17, 1945. 11 L234

Advantages of leaving cattle untied in the barn.

2573 WILLIS, J. R. France looks ahead to post-war rebuilding of its cattle herds. Amer. Hereford J. 36(2): 20-21. May 15, 1945. 43.8 Am32

2574 WOODS, F. M. Tribute to the cow. Brahman Breeder-Feeder 11(4): 6. Apr. 1945. 43.8 B73

2575 WYLIE, C. E. How to measure dairy heifers. South. Agr. 75(5): 28. May 1945. 6 So83

2576 \*ZABIŤKA, N. Rabochie voly v pomoshch' konŭ [Oxen to the aid of the horse]. Kolkhoz. Proizvod., No. 10, p. 24. Oct. 1944. 281.8 K83

## DOGS AND CATS

### Breeds and Breeding

2577 AINSLIE, J. B. The Border Collie as a sheep cattle dog. Canad. Sheep Rev. 1945: 7. 45.9 C164

2578 THE BREEDS in brief, No. 39: French bulldog. Amer. Kennel Gaz. 62(6): 31-32, 128-129. June 1945. 48.8 Am3

2579 COCKER SPANIEL CLUB OF ENGLAND. New standard for English Cocker. Dog World 30(5): 40-41, 44, 54. May 1945. 48.8 D672

2580 DEHLINGER, M. G. Pigeon-holing Ponto. Amer. Kennel Gaz. 62(6): 20-23, 119-121. June 1945. 48.8 Am3

Short historical account of various breeds.

2581 HOUSE, C. A. Inbreeding of cats, and what it is and what it does. All-Pets Mag. 16(11, 1. e. 12): 29. Apr., 1. e. May 1945. 48.8 AL5

2582 KAUFFMAN, R. E. Chihuahua, strains. Dog World 30(5): 93. May 1945. 48.8 D672

2583 ROLLINGS, E. J. Just how popular do we want the Dane to be? Dog World 30(5): 79-80. May 1945. 48.8 D672

2584 SCHAEFER, C. W. Buy Dobes [Doberman Pinscher] young. Dog World 30(5): 74-75. May 1945. 48.8 D672

Care of the ears.

2585 SMITH, A. C. Were old friends best? Field 185: 301. Mar. 24, 1945. 10 F45

Comparison of dog breeds then and now.

### Feeds and Feeding

2586 COUCH, V. M. Feeding the dog. All-Pets Mag. 16(11, 1. e. 12): 26. Apr., 1. e. May 1945. 48.8 AL5

2587 MCKIBBIN, J. M., and others. Further studies on choline deficiency in dogs. J. Lab. and Clin. Med. 30: 422-428. May 1945. 448.8 J8233

R. M. Ferry, Jr., S. Thayer, E. G. Patterson, and F. J. Stare, joint authors.



Veterinary Medicine

- 2588 ARIAS MARAMBIO, J. Contribución al estudio de los metazoos parásitos del perro. (Sum.) Chile. Dir. Gen. de Agr. Agr. Téc. 4(1): 59-71. July 1944. 464.9 C432B  
Thesis (D.V.M.) - Instituto de Investigaciones Veterinarias.
- 2589 BIRGE, R. F., and RISER, W. H. Canine histoplasmosis; report of two cases. North Amer. Vet. 26: 281-287. May 1945. 41.8 N812
- 2590 CUTHBERT, R. B. Hematoma of the ear flap. Canad. J. Compar. Med. 9: 102-103. Apr. 1945. 41.8 C162
- 2591 DIRKS, H. Grosszelliges spindelsarkom (epulis) bei einem hund. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 14-15. Apr. 10, 1943. 41.8 D482
- 2592 DRIVER, R. L., CHAPPELL, R. H., and CARMICHAEL, E. B. Effect of concentration of pepsin and the differential susceptibility of jejunal segments in experimental jejunal ulcers in the dog. Amer. J. Digest. Dis. 12: 166-167. May 1945. 448.8 Am324
- 2593 DUKE, K. L. Elastic connective tissue in the ovary and uterus of the dog. (Abs.) Anat. Rec. 91: 270. Apr. 1945. 447.8 An1
- 2594 FULTON, J. F. Pyometritis and salpingitis in a bitch. Vet. Med. 40: 206-207. June 1945. 41.8 M69
- 2595 GARLICK, N. L. Surgical reduction of a diaphragmatic hernia in a dog, without the aid of a forced air respirator. Amer. Vet. Med. Assoc. J. 106: 282-283. May 1945. 41.8 Am3
- 2596 GLOVER, R. C. Multiple neuritis. North Amer. Vet. 26: 352-355. June 1945. 41.8 N812
- 2597 Groat, R. A. Blood supply of the cat's spinal cord. (Abs.) Anat. Rec. 91: 278. Apr. 1945. 447.8 An1
- 2598 HATCH, R. D. Spergon - fungicide for summer eczema in dogs. Amer. Vet. Med. Assoc. J. 106: 278. May 1945. 41.8 Am3
- 2599 KIMMEL, D. L. Efferent fibers of the substantia nigra in the cat. (Abs.) Anat. Rec. 91: 284. Apr. 1945. 447.8 An1
- 2600 KIRK, H. Nervous phenomena of senile decay in dogs as compared with ariboflavinosis in man. Vet. Rec. 57: 212. May 5, 1945. 41.8 V641
- 2601 LITTLE, G. W. Modern methods of parasitic control in cats. All-Pets Mag. 16(11, 1. e. 12): 29-30. Apr., 1. e. May 1945. 48.8 AL5
- 2602 LUCAS, A. M., and RISER, W. H. Intranuclear inclusions in panleukopenia of cats; a correlation with the pathogenesis of the disease and comparison with inclusions of herpes, B-virus, yellow fever, and burns. Amer. J. Path. 21: 435-465. May 1945. Ref. 448.8 Am39
- 2603 MCMILLAN, M. H. Penicillin therapy in a case of canine meningitis. Vet. Student 7: 168-169. Winter 1945. 41.8 V6425
- 2604 OSCAR CLER, G. Constipación crónica del perro de casa. Argentina. Dir. de Ganad. B. de Ganad. 1(4/5): 30-32. Apr./Feb. 1945. 49 B86
- 2605 SCHLOTTHAUER, C. F. Gallstones in dogs; report of two cases. North Amer. Vet. 26: 349-351. June 1945. 41.8 N812
- 2606 ZEPP, C. P. Nonparasitic skin diseases of the dog. Amer. Vet. Med. Assoc. J. 106: 361-366. June 1945. 41.8 Am3  
Discusses dermatitis and eczema.

Miscellaneous

- 2607 THE ARMY needs war dogs. Amer. Kennel Gaz. 62(6): 38, 123. June 1945. 48.8 Am3
- 2608 AYALA MARTIN, E. Posee condiciones para criador de perros? Ganadería [Madrid] 2(18): 48-50. Dec. 1944. 49 G15
- 2609 BEAMISH, H. V. Dogs in transit. Country Life [London] 97: 600. Apr. 6, 1945. 80 C83  
How to ship dogs by rail in Great Britain.
- 2610 JONES, E. L. Long distance buying of dogs. All-Pets Mag. 16(11, 1. e. 12): 22-23. Apr., 1. e. May 1945. 48.8 AL5

- 2611 RICKEY, D. Gods and dogs. According to Greek and Roman mythology they "made magic" together. Amer. Kennel Gaz. 62(6): 24-26, 116. June 1945. 48.8 Am3
- 2612 SMITH, A. C. Top dogs. Field 185: 329. Mar. 31, 1945. 10 F45  
Shows as an indication of trend in popular taste.
- 2613 STRONG, M. H. Here's your answer. Amer. Kennel Gaz. 62(6): 16-19, 115-116. June 1945. 48.8 Am3

"First appeared a few years ago in the Cleveland News."

- Answering criticism of show dogs and dog shows.
- 2614 "WORKING dogs" that really work. By Canis. Amer. Kennel Gaz. 62(6): 12-15, 117-119. June 1945. 48.8 Am3

HORSES AND MULESBreeds and Breeding

- 2615 BERLINER, V. R. Artificial insemination for horse and mule production. Horse and Mule Assoc. Amer. Book [i. e. Leaflet] 283, 16 p. Chicago, 1945. 42.9 H782
- 2616 CASEMENT, D. D. Again the Quarter Horse. West. Live Stock 30(10, 1. e. 11): 32-33. May 1945. 49 W523
- 2617 CASTELLS LLANES, C. Adquiera mejores potros. Rev. Ganad. [Habana] 5(1/2): 16. Jan./Feb. 1945. 49 R321  
Use of army studs by farmers.
- 2618 DINSMORE, W. Building new breeds of horses. Tex. Livestock J. 4(5): 44, 53, 56-57. May 15, 1945. 49 T29  
The Palomino and American Quarter Horse.
- 2619 DUCK, R. W. Pony breeds and types. Rural New-Yorker 104: 260, 264. May 5, 1945. 6 R88
- 2620 EDMUNDS, C. C. The management of thoroughbred stud paddocks. Gt. Brit. Min. Agr. Agriculture 52(1): 7-11. Apr. 1945. 10 G79J
- 2621 ELLIS, M. G. Horses must be efficient too. Family Herald and Weekly Star 76(10): 10. Mar. 7, 1945. 7 F21  
Account of the annual meeting of the Canadian Percheron Association.
- 2622 HERVEY, J. Axworthy or Peter the Great? Part 4. Hoof Beats 13(4): 14-16, 34. (Concl.) June 1945. 42.8 H76  
Struggle for supremacy between two lines of horses.
- 2623 THE HORSES that were. By "Culmah." Past. Rev. 55: 189-190. Mar. 16, 1945. 23 Au75  
Concerning breeds and breeding in Queensland.
- 2624 MULLER DEFRAZAS, R. Explotación de yeguarizos. Paraguay. Min. de Agr. Rev., No. 6, p. 61-63. Feb. 1945. 9.7 Ag8Re
- 2625 NORTON, D. M. California [Thoroughbred] farms: a few of them. Blood-Horse 45: 798-799. (To be cont.) May 26, 1945. 42.8 T592
- 2626 ROBINSON, W. G. Some observations on the soundness of the Clydesdale horse. Vet. Rec. 57: 167-168. Apr. 14, 1945. 41.8 V641
- 2627 ROUMIGUIERE, F., and DELLEPIANE GALLI, A. D. El Percherón en las tareas rurales. Suelo Argentino 4: 144-145. Mar. 1945. 9 Su2
- 2628 SMITH, A. M. Future farm horses; 1945 is the opportunity year for horse breeders. Tex. Livestock J. 4(5): 44, 54. May 15, 1945. 49 T29
- 2629 STEVENSON, W. G. The comparative fertility of mares bred at foal and non-foal heat. Canad. J. Compar. Med. 9: 126-130. May 1945. 41.8 C162
- 2630 TESIO, F. The principles of breeding [Thoroughbreds]. Blood-Horse 45: 824-826. June 2, 1945. 42.8 T592

Feeds and Feeding

- 2631 FÉVRIER, F., GASNIER, A., and LEROY, A. M. Valeur alimentaire du marc de raisin desséché. Off Internatl. du Vin. B. 17(162): 81-83. Mar./Apr. 1944. 390.8 B87  
Feed for horses.



2632 S., S. M. Alimentação para o reprodutor. Campo [Buenos Aires, 16(182): 28-30. Feb. 1945. 9.2 G15

Feed for horses.

2633 SANDERSON, C. J. Methods for hand-feeding foals & calves. Land [Sydney], No. 1623, p. 8, Jan. 15, 1945. 23 L22

2634 SHEEHY, E. J. The animal on the farm. No. 29: Horse feeding. Agr. Ireland 3: 53-54, 63. May 1945. 10.5 Ag8

#### Veterinary Medicine

2635 BENSON, D. V. Coronitis. Vet. Student 7: 170. Winter 1945. 41.8 V6425

2636 CHAMBERS, E. E. Sinus of withers - mare. North Amer. Vet. 26: 279-280. May 1945. 41.8 N812

2637 CHIEFFI, A. O Brasil precisa de bons equídeos. Rev. dos Criadores 16(3): 20; (4): 25-28. Mar., Apr. 1945. 43.8 R32

Tail, internal organs, and limbs.

2638 DAMONTE, F. R. Algunas consideraciones sobre la adenitis equina o papera. Soc. Rural Argentina. An. 79: 257-259. Mar. 1945. 9 Sol

2639 EMMINGER, A. C. African horse sickness. Amer. Vet. Med. Assoc. J. 106: 279-281. May 1945. 41.8 Am3

Condensed from "The Medical Bulletin of the Mediterranean Theater of Operation, 2(December 1944): 169-180."

2640 GALLIA, F. El efecto "in vitro" de la tiourea y otros compuestos químicos sobre el virus encefalomielítico tipo Venezuela. Venezuela. Inst. de Invest. Vet. B. 2: 203-248. Nov. 1944. Ref. 41.9 V552

English summary.

2641 GIBSON, S. J. Lameness in horses. Canad. J. Compar. Med. 9: 103-105. Apr. 1945. 41.8 C162

2642 GILYARD, R. T. A clinical study of Venezuelan virus equine encephalomyelitis in Trinidad, British West Indies. Amer. Vet. Med. Assoc. J. 106: 267-276. May 1945. Ref. 41.8 Am3

2643 GORRIE, C. J. R. Warning of fodder poisoning in horses and cattle. Stock and Land 35(13): 3. Mar. 28, 1945. 49 St63

Concerning botulism.

2644 GRIST, E. A. "Sleeping sickness" (equine encephalomyelitis). Cattleman 31(12): 30. May 1945. 49 C29

2645 INCE, E. B. Psammoma of the brain of the horse. Vet. Rec. 57: 222. May 12, 1945. 41.8 V641

2646 LEREW, W. M. Strangles in horses. New Zeal. Farmer Weekly 66(3): 45. Apr. 5, 1945. 23 N484

2647 \*LUY. Zur Naganol (Germanin-) bestimmung im pferdeblut. Deut. Tropenmed. Z. 47: 537-540. Oct. 1, 1943. 449.8 Ar22

The quantity necessary to prevent trypanosomiasis.

2648 MARTINEZ CAMPOS, C. La fenotiacina en el caballo de tiro. Chile. Dir. Gen. de Agr. Agr. Téc. 4: 151-169. Dec. 1944. Ref. 464.9 C452B

English summary.

2649 \*OPFERMANN, M. Innere Augenentzündung und tendovaginitis nach kolik beim pferd. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 15-16. Apr. 10, 1943. 41.8 D482

2650 \*ORENSANZ, J. La "durina" y su diagnóstico. Ganadería [Madrid] 3(19): 52-54. Jan. 1945. 49 G15

2651 RAMOS VALDES, A. Contribución al estudio del ion hierro normal en la sangre de caballos y vacunos. Chile. Dir. Gen. de Agr. Agr. Téc. 4(1): 72-77. July 1944. 464.9 C432B

2652 RILEY, G. E. Persistent hymen in a mare. Vet. Student 7: 165-166. Winter 1945. 41.8 V6425

2653 SANDERSON, C. J. Splints; a common trouble in working horses. Land [Sydney], No. 1741, p. 18, Apr. 13, 1945. 23 L22

2654 SANDERSON, C. J. Two types of surface tumour found in horses. Land [Sydney], No. 1739, p. 18, Mar. 29, 1945. 23 L22

2655 THOMAS, E. F. Autogenous blood therapy in laminitis. North Amer. Vet. 26: 278-279. May 1945. 41.8 N812

#### Miscellaneous

2656 \*CRESCO SERRANO, J. Protección y cuidados del caballo de trabajo. Spain. Min. de Agr., Secc. de P., Prensa y Propag. Hojas Divulg., v. 37, No. 7, 8 p. Madrid, 1945. 15 H68

2657 DICK, N. The faithful donkey and burro. Horse Lover 9(6): 8. 13. Apr./May 1945. 42.8 H782

2658 \*ERIKSSON, S. Storleksvariationen hos stamboksförda nordsvenska hästar (A statistical analysis of the body measurements of North Swedish horses). K. Lantbruksakad. Tidskr. 83: 506-518. 1944. 104 Sw3

English summary.

2659 \*FERNANDEZ SALAZAR, E. Organización de concursos y exposiciones de ganado equino. Ganadería [Madrid] 2(18): 27-29. Dec. 1944. 49 G15

2660 \*FLINDT, K. Zur körung der kaltblut-hengste im Reichsgau Danzig-Westpreussen. Deut. Landw. Tierzucht 47: 238. Dec. 18, 1943. 49 D48

2661 GROUT, G. P. Horses ancient and modern. Tex. Livestock J. 4(5): 50, 57-58, 60. May 15, 1945. 49 T29

2662 LABRECQUE, P. Pour obtenir un meilleur rendement du cheval. Terre de Chez Nous 17(32): 10. May 16, 1945. 7 T27

2663 LINDSEY, R. E. Use and production of horses and mules in Palo Pinto County. Tex. Livestock J. 4(5): 49. May 15, 1945. 49 T29

2664 \*MANN, G. Die haltung der saugfohlen. Mitt. f. die Landw. 59: 428. May 6, 1944. 18 D48M

2665 MORTON, T. F. Some draught horse problems. Family Herald and Weekly Star 76(5): 3-4. Jan. 31, 1945. 7 F21

2666 POWELL, G. The use and production of horses and mules in M'Culloch County. Tex. Livestock J. 4(5): 46. May 15, 1945. 49 T29

2667 REEVES, F., SR. The horse. Tex. Livestock J. 4(5): 44, 54-55. May 15, 1945. 49 T29

A general account.

2668 ROOKS, C. F. Light horses in Iowa; post-war demands. Vet. Student 7: 139-140. Winter 1945. 41.8 V6425

2669 SCHREUDER, P. J. VAN DER H. Horses for profitable production. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 112, 2 p. Pretoria, 1945. 24 So82Pa

2670 SOLANET, E. Aptitudes de la raza caballar criolla. Campo [Buenos Aires] 29(341): 24-25. Mar. 1945. 9 C15

2671 SOLANET, E. El caballo es un arma de guerra. Argentina. Dir. de Ganad. B. de Ganad. 1(4/5): 42-44. Jan./Feb. 1945. 49 B86

2672 STRICKLAND, M. "Horse whispering." Farmer [Pietermaritzburg] 33(4): 11. Jan. 28, 1944. 24 F227

Concerning secret methods for training and control.

#### POULTRY

##### Breeds and Breeding

2673 ABSALOM, W. H. Breeding muffed and clean legged Rollers. Amer. Pigeon J. 34(1/2): 6. Jan./Feb. 1945. 47.8 Am35

2674 BALMER, N. A. How to mate Flying Tipplers for results. Amer. Pigeon J. 34(1/2): 5. Jan./Feb. 1945. 47.8 Am35

2675 BANKS, E. The value of good vision in choosing pigeons for breeding. Amer. Racing Pigeon News 61(4): 1-2. Apr. 1945. 47.8 H75

2676 BANTAM management for egg production. By "Observer." Poultry World 76: 224. May 11, 1945. 47.8 P8682

2677 BOCK, E. G. The breeding of Jacobins. Amer. Pigeon J. 34(1/2): 9. Jan./Feb. 1945. 47.8 Am35

2678 BRUCKNER, J. H. Buy 1946 breeding cockerels now. Northeast. Poultryman 43, i. e. 40(4): 36. Apr. 1945. 47.8 N44



- 2679 CAMPBELL, H. L. Looking backwards at pigeon breeds and breeding. Pigeon News 51(890): 4. (Concl.?) May 1945. 47.8 P621
- 2680 CARE of Bantam growers. By "Domesticus." Mod. Poultry Keeping 52: 318. May 2, 1945. 47.8 Eg3
- 2681 CASSAMAGNAGHI, F. Característica principal de las razas industriales. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 140. Mar. 8, 1945. 9.9 G15B
- 2682 COLLINSON, H. Laying trials should be looked upon as sporting events or...revised to provide real breeding tests. Mod. Poultry Keeping 52: 302-303. Apr. 25, 1945. 47.8 Eg3
- 2683 EVANS, O. O. Breeding for the best results; some comments on the recent article by W. N. Otto. Question of inbreeding. Poultry Press 31(14): 1, 3. May 17, 1945. 47.8 P8643
- 2684 FELLOWS, A. B. Color-sexing of Barred Rock chicks. Cackle and Crow 27(7): 10. May 1945. 47.8 C11
- 2685 GILLIGAN, G. The show Roller. Amer. Pigeon J. 34(1/2): 7. Jan./Feb. 1945. 47.8 Am35
- 2686 H., J. C. Auto-sexing breeds are full of promise for the future. Legbars are outstanding. They and Cambars and Dorbars should suit most domestics' requirements. Smallholder 73(1830): 11. Apr. 13, 1945. 10 Sml
- 2687 HALE, R. W. Breeding policy for large flocks. Gt. Brit. Min. Agr. Agriculture 52: 82-84. May 1945. 10 G79J
- 2688 HUGHES, C. E. How's the hybrid; "hen of tomorrow" doin' today? Successful Farming 43(6): 20-21, 70-74. June 1945. 6 Sul2
- 2689 HURLBURT, W. E. The Archangel (a breed of pigeons). Pigeon News 51(891): 7. June 1945. 47.8 P621
- 2690 HUTTON, J. Hardy Brown [Bantam]. Poultry [London] 96: 300. May 8, 1945. 47.8 P869
- 2691 HUTTON, J. I pick winners at the day-old stage. Poultry [London] 96: 266. Apr. 24, 1945. 47.8 P869
- Breeding the Minorca Bantam.
- 2692 HUTTON, J. Minorcas (a Bantam breed) for eggs. Poultry [London] 96: 250. Apr. 17, 1945. 47.8 P869
- 2693 HUTTON, J. Plenty of variety in [Bantam] Leghorns. Poultry [London] 96: 282. May 1, 1945. 47.8 P869
- 2694 JEFFREY, F. P. Breed differences in yolk defects of fresh eggs. Poultry Sci. 24: 241-244. May 1945. 47.8 Am33P
- 2695 LERNER, I. M. Lethal characters in poultry. Nulaid News 23(1): 13-14. Apr. 1945. 47.8 N917
- Hereditary factors causing early death.
- 2696 LEROUGE, J. F. The West of England Tumbler. Amer. Pigeon J. 34(1/2): 13. Jan./Feb. 1945. 47.8 Am35
- 2697 MCGIBBON, W. H. Further division of contrasting antigens in species hybrids in ducks. Genetics 30: 252-265. May 1945. 442.8 G28
- 2698 MENDEZ M., G. Importancia de seleccionar la gallina criolla del país [in Colombia]. Vida Rural 6(68): 27. Mar. 1945. 9.4 V66
- 2699 METZ, J. W. Ancient history of the Turbit (a breed of pigeons). Pigeon News 51(890): 7. May 1945. 47.8 P621
- 2700 NEWMAN, T. The essentials of good stock. Mod. Poultry Keeping 52: 359. May 16, 1945. 47.8 Eg3
- 2701 P., C. M. Problemas sobre fecundación de las aves. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 62-63. Nov. 1944. 49 B86
- 2702 PAYNE, L. F. If you prefer white meat (of turkeys, breed them for (that and) egg production, too. Furrow 50: 3. May/June 1945. 6 F98
- 2703 PIMENTEL, M. A proposito de Leghorn Perdis. Chacaras e Quintais 71: 186-189. Feb. 15, 1945. 9.2 C34
- 2704 POWELL-OWEN, W. Future breeding material. Poultry World 76: 209. May 4, 1945. 47.8 P8682
- 2705 POWELL-OWEN, W. Pullets or proved hens (for breeding)? Poultry World 76: 185. Apr. 20, 1945. 47.8 P8682
- 2706 POWELL-OWEN, W. Reproduction rates highest; egg production is not the final factor in deciding the intrinsic value of breeding birds. Poultry World 76: 197. Apr. 27, 1945. 47.8 P8682
- 2707 RAWSON, A. Forward for the Domestic Flight of America. All-Pets Mag. 16(11, 1. e. 12): 49-50. Apr., 1. e. May 1945. 48.8 A15
- American Domestic Flight breed of pigeon.
- 2708 REIFSNYDER, A. F. "Mille Fleurs" (a breed of Bantams). Poultry Press 31(14): 1. May 17, 1945. 47.8 P8643
- 2709 RICHARDSON, R. R. The exhibition Barred Rock. Poultry Press 31(15): 3. May 31, 1945. 47.8 P8643
- 2710 SCHWENCK, W. A. My reasons for breeding Carneaux. Amer. Pigeon J. 34(1/2): 5. Jan./Feb. 1945. 47.8 Am35
- 2711 SHOEMAKER, J. Mating for best results. Family Herald and Weekly Star 76(4): 11. Jan. 24, 1945. 7 F21
- 2712 SMITH, J. B. Breeding (Gold) Laced Polish (Bantams). Poultry Farmer [London] 112(2913): 9. Apr. 20, 1945. 47.8 F312
- 2713 TAYLOR, M. W. Dominant egg colour? Mod. Poultry Keeping 52: 357. May 16, 1945. 47.8 Eg3
- Experiments with the blue eggs probably produced by a hen of the Araucana breed.
- 2714 TAYLOR, M. W. In-breeding, line-breeding, outcrossing. Mod. Poultry Keeping 52: 297. Apr. 25, 1945. 47.8 Eg3
- 2715 UBER, E. H. Dominique history. Cackle and Crow 27(7): 8. May 1945. 47.8 C11
- 2716 WALKER, R. British auto-sexing. Amer. Egg & Poultry Rev. 6: 326-327. May 1945. 47.8 Am38
- Concerning auto-sexing breeds.
- 2717 WERNER, C. F. Let's keep Kings on top. Amer. Pigeon J. 34(1/2): 9. Jan./Feb. 1945. 47.8 Am35
- 2718 WETZEL, P. West of England high flying [Tumbler]. Amer. Pigeon J. 34(1/2): 13. Jan./Feb. 1945. 47.8 Am35
- 2719 WOLFE, J. M. Oriental Bantams as a hobby. Poultry & Rabbit Monthly 13(5): 8, 12. May 1945. 47.8 P8654
- 2720 WRAY, F. E. The Golden Laced Wyandotte. Cackle and Crow 27(7): 5. May 1945. 47.8 C11
- 2721 WRAY, F. E. The stately Black Minorca. Poultry Press 31(15): 1. May 31, 1945. 47.8 P8643
- 2722 YOUNGS, R. The breeding of Norwich Croppers. Amer. Pigeon J. 34(1/2): 8. Jan./Feb. 1945. 47.8 Am35
- Feeds and Feeding
- 2723 BERRY, E. P., and others. Condensed fish press water and fish liver meal in chick rations. Poultry Sci. 24: 270-276. May 1945. 47.8 Am33P
- C. W. Carrick, R. E. Roberts, and S. M. Hauge, joint authors.
- 2724 BLACKWELL, H. L. Poultry run care. Mod. Poultry Keeping 52: 302. Apr. 25, 1945. 47.8 Eg3
- Includes cattle grazing.
- 2725 BROOMHEAD, W. W. Feeding layers. Poultry [London] 96: 280. May 1, 1945. 47.8 P869
- 2726 BUENO, R. DE C. As proteínas e a alimentação das aves. Rev. dos Criadores 16(3): 58. Mar. 1945. 43.8 R32
- 2727 CANAVESI, A. Influencia del calcio en la postura. Argentina. Dir. de Ganad. B. de Ganad. 1(4/5): 72. Jan./Feb. 1945. 49 B86
- 2728 CLINE, L. E. Proteins, the keystone of the turkey ration. Norbest Turkey News 9(11, 1. e. 10): 1-5. May 1945. 47.58 N75
- 2729 COOK, J. E. Feed made the difference. Dakota Farmer 65(9): 12-13. May 5, 1945. 6 D14



- 2730 ELLIS, F. E. Poultry grows best on pasture. Family Herald and Weekly Star 76(3): 6. Jan. 17, 1945. 7 F21
- 2731 FRENCH, M. H. The feeding of poultry when normal foods are scarce. East African Agr. J. 10: 152-158. Jan. 1945. 24 Ea74
- 2732 HARVEY, J. R. All about the new [regulations as to feed] rations. Mod. Poultry Keeping 52: 333. May 9, 1945. 47.8 Eg3
- 2733 HILL, D. C., SLINGER, S. J., and MARCELLUS, F. N. Tolerance of chicks for diets high in tyrosine. Poultry Sci. 24: 234-236. May 1945. 47.8 Am33P
- 2734 HIRSHFELD, A. Additional remarks on the supply of green fodder for poultry. (In Hebrew.) Hassadeh 25: 141. Feb. 1945. 26 H27
- 2735 HORTON, D. H. A feeding plan for starting and growing chicks. Northeast. Poultryman 43, i.e. 40(4): 26. Apr. 1945. 47.8 M44
- 2736 HOWES, H. Grass diet for goslings. Mod. Poultry Keeping 52: 338. May 9, 1945. 47.8 Eg3
- 2737 LACKLAND, S. B. Feeding advice (as to Game fowl). Grit and Steel 47(2): 37. June 1945. 47.8 G88
- 2738 LODGE, C. Off-ration chick mashes. Poultry Farmer [London] 112(2916): 7. May 11, 1945. 47.8 F312
- 2739 LUCKEY, T. D., and others. Activity of pyridoxine derivatives in chick nutrition. Soc. Expt. Biol. and Med. Proc. 58: 340-344. Apr. 1945. 442.9 Sol
- G. M. Briggs, Jr., C. A. Elvehjem, and E. B. Hart, joint authors.
- 2740 MCCHESENEY, E. W. Metabolism of vitamin D in the chick. Soc. Expt. Biol. and Med. Proc. 58: 300-303. Apr. 1945. 442.9 Sol
- 2741 MCCLYMONT, G. L. The nutritional requirements of poultry; practical application of results of research. Agr. Gaz. N. S. Wales 56: 126-128. Mar. 1, 1945. 23 N472
- 2742 MCCONNELL, J. H. Value of hatching mash. Family Herald and Weekly Star 76(8): 12. Feb. 21, 1945. 7 F21
- 2743 MARVEL, J. A., and others. Distillers' dried solubles in chick rations containing corn and vegetable protein supplements. Poultry Sci. 24: 252-258. May 1945. 47.8 Am33P
- C. W. Carrick, R. E. Roberts, and S. M. Hauge, joint authors.
- 2744 NOVIKOFF, M., and BIELY, J. Observations on two methods of feeding chickens from one day old to twelve months of age. Poultry Sci. 24: 245-251. May 1945. 47.8 Am33P
- 2745 OSGOOD, G. How to keep permanent pastures in better condition. Checkerboard News 7(4): 8-9. May 1945. 389.78 C41
- Ranges rotated according to date of hatch.
- 2746 PARISH, A. J. Feeding growers. Poultry World 76: 217. May 11, 1945. 47.8 P8682
- 2747 FLATT, C. S. Growing profitable pullets. N. J. Farm and Gard. 16(5): 34-35. May 1945. 6 G162
- Effect of feeding on growth and egg production.
- 2748 SHEEHY, E. J., and BURKE, E. M. The effect on subsequent egg production of the level of feeding during the growing pullet stage. Hires. Dept. Agr. J. 41: 196-199. Sept. 1944. 10 Ir2J
- 2749 SLOAN, H. J. Free-choice grain feeding wins approval. Minn. Farm and Home Sci. Minn. Sta. 2(3): 8-10. May 15, 1945. 100 M66
- 2750 T., L. C. Food: in litter or troughs. Poultry Farmer [London] 112(2916): 6. May 11, 1945. 47.8 F312
- 2751 TAYLOR, M. W. Current feeding tests on P[oultry] A[ssociation of] G[reat] B[ritain Experimental] Farm...results at the six months stage. Mod. Poultry Keeping 52: 320-321. May 2, 1945. 47.8 Eg3
- 2752 VONDELL, J. H., and PUTNAM, J. N. The effect of certain feedstuffs on the flavor, albumen condition and yolk color of eggs. Poultry Sci. 24: 284-287. May 1945. 47.8 Am33P
- 2753 WILSON, I. Deficiencies in wartime diet. Poultry World 76: 200. Apr. 27, 1945. 47.8 P8682
- 2754 WILSON, W. O., and others. Vitamin A intake of chickens fed mash and grain free choice. Poultry Sci. 24: 237-240. May 1945. 47.8 Am33P
- F. R. Sampson, A. L. Moxon, and T. M. Paulsen, joint authors.
- 2755 WOOD, F. L. Maintaining condition in the poultry flock. Marit. Farmer and Co-op. Dairyman 50(16): 9, 23. May 15, 1945. 7 C77
- Mainly about feeding and nutrition.
- Veterinary Medicine
- 2756 B., M. We meet coccidiosis. Wallaces' Farmer and Iowa Homestead 70: 362. May 5, 1945. 6 W15
- 2757 BEACH, J. R. Avian pneumoencephalitis vaccination experiments. Nulaid News 22(11): 22-26. Feb. 1945. 47.8 N917
- 2758 BIRTWISTLE, V. Learn to detect these chick diseases. Poultry [London] 96: 262. Apr. 24, 1945. 47.8 P869
- 2759 BOTTORFF, C. A. Pullorum disease or coccidiosis? Northeast. Poultryman 43, i.e. 40(4): 15. Apr. 1945. 47.8 M44
- 2760 BUSHNELL, L. D. Pullorum testing of turkeys. Poultry Sci. 24: 208-211. May 1945. 47.8 Am33P
- 2761 BUSHNELL, L. D., and PORTER, J. J. A study of methods for the isolation of Salmonella pullorum. Poultry Sci. 24: 212-215. May 1945. 47.8 Am33P
- 2762 CASTRO BIEDMA, P. El cólera. Pampa Argentina 19(211): 18. Mar. 1945. 9 P19
- 2763 CHARLES, T. B. Capon production. Rural New-Yorker 104: 266. May 5, 1945. 6 R88
- How to perform the operation.
- 2764 CHARLES, T. B. Control of pullorum disease, and sanitation. Northeast. Poultryman 43, i.e. 40(4): 8. Apr. 1945. 47.8 M44
- 2765 THE CHICKS begin to totter. By "Domesticus." Mod. Poultry Keeping 52: 298. Apr. 25, 1945. 47.8 Eg3
- 2766 CLINE, L. E. Brooder pneumonia [aspergillosis] in young turkeys. Norbest Turkey News 9(10): 1, 3, 7. Apr. 1945. 47.38 N75
- 2767 CLINE, L. E. Coccidiosis in turkeys and control measures. Norbest Turkey News 9(10): 1-2. Apr. 1945. 47.38 N75
- 2768 COLE, L. J., and FINLEY, H. E. Effects of X-rays upon flocking in the domestic pigeon. Physiol. Zool. 18: 167-175. Apr. 1945. 410 P56
- 2769 DAKAN, E. L. It's "now or never" for coccidiosis control. Ohio Farmer 195(9): 14, 25. May 5, 1945. 6 Oh3
- 2770 DICKINSON, E. M. Keeping up-to-date on blackhead in turkeys. Turkey World 20(5): 22, 24, 46-48. May 1945. 47.38 T84
- 2771 DONNET, T. La coccidiosis tambien hace estragos en los palomares. Chacra 15(174): 48. Apr. 1945. 9 C34
- 2772 EDWARDS, P. R. Salmonella pomona and Salmonella champagne; two hitherto undescribed types isolated from fowls. Soc. Expt. Biol. and Med. Proc. 58: 291-292. Apr. 1945. 442.9 Sol
- 2773 FLOREA, J. H. This year, take out [fowl] pox insurance [by vaccination]. Poultry Tribune 51(6): 3, 23-24. June 1945. 47.8 P8642
- 2774 FOSS, J. O., GOLDSBY, A. I., and MILES, J. V. A report on the observation of a one lung condition in chicks. Poultry Sci. 24: 284. May 1945. 47.8 Am33P
- 2775 GALOFRE, E. J. Algunas enfermedades parasitarias de las aves. Suelo Argentino 4: 248-249, 268. Apr. 1945. 9 Su2
- 2776 GAMERO ROBLES, A. M. La producción de capones. Mundo Avic. 8(86): 10-12, 14-16. Apr. 1945. 47.8 M92
- Includes description of the operation.



- 2777 GARCÍA LLORENS, F. Cólera de las aves. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 59. Nov. 1944. 49 B86
- 2778 GLOVER, J. S. Preparation and use of fowl-pox vaccine. Canad. Poultry Rev. 69(5): 12-16. May 1945. 47.8 C16
- 2779 GORDON, M. D. Strange deaths among poultry [from swallowing foreign objects]. Field 185: 347. Apr. 7, 1945. 10 F45
- 2780 GORDON, R. F. Fowl paralysis. Mod. Poultry Keeping 52: 302-303, 338-339, 356-357. (Concl?) Apr. 25-May 16, 1945. 47.8 Eg3
- 2781 GRAY, M. E. The Nissl substance of the ciliary ganglion cells in the chicken. (Abs.) Anat. Rec. 91: 278. Apr. 1945. 447.8 An1
- 2782 GREENWOOD, A. W. Controlling the sex of poultry. Mod. Poultry Keeping 52: 284-285. Apr. 18, 1945. 47.8 Eg3
- 2783 GREY, C. G. Bottleneck? or power house. Hatchery Tribune 19(5): 38-40. May 1945. 47.8 H28
- Influence of hatcheries in disease control.
- 2784 GRIFFIN, H. P. A turkey grower looks at hexamita. Turkey World 20(5): 20, 56. May 1945. 47.38 T84
- 2785 HAWKINS, P. A., and KLINE, E. E. The treatment of cecal coccidiosis with sulfamethazine. Poultry Sci. 24: 277-281. May 1945. 47.8 Am33P
- 2786 HINSHAW, W. R. The paratyphoid menace in turkeys, - and what to do about it! Turkey World 20(5): 16, 48-51. May 1945. 47.38 T84
- 2787 HITCHNER, E. R. The pullorum "bug" [Salmonella pullorum]. Northeast. Poultryman 43, i. e. 40(4): 6. Apr. 1945. 47.3 N44
- 2788 JONES, C. D. 30% mortality [of turkeys] is unnecessary. Turkey World 20(5): 12-13, 51-56. May 1945. 47.38 T84
- 2789 JULL, M. A. U. S. and State pullorum classes. Northeast. Poultryman 43, i. e. 40(4): 10. Apr. 1945. 47.8 N44
- 2790 KROECK, J. Public reaction to official pullorum flock status. Northeast. Poultryman 43, i. e. 40(4): 11. Apr. 1945. 47.3 N44
- 2791 KUGLER, O. E. Acid soluble phosphorus in the amniotic and allantoic fluids of the developing chick embryo. J. Cell. and Compar. Physiol. 25: 155-160. Apr. 1945. 44.8 J822
- 2792 LEE, D. H. K., and others. Poultry husbandry in hot climates - experimental enquiries. Poultry Sci. 24: 195-207. May 1945. 47.8 Am33P
- K. W. Robinson, N. T. M. Yeates, and M. I. R. Scott, joint authors.
- From the physiological angle.
- 2793 LESTREM, A. Tráqueo bronquitis verminosa. Mundo Avic. 8(86): 44. Apr. 1945. 47.8 M92
- Syngamus trachea.
- 2794 LEVINE, P. P. Do you know about modern coccidiosis controls. Better Farming Methods 17(5): 21-22. May/June 1945. 58.8 B46
- 2795 LORENZ, F. W. Endocrinology in poultry husbandry. Nulaid News 22(11): 32-36. Feb. 1945. 47.8 N917
- 2796 MCNEIL, E. Hexamitiasis can be whipped. Northeast Turkey News 9(11, i. e. 10): 1, 3. May 1945. 47.38 N75
- 2797 MARCELLUS, F. N. Seasonal occurrence of diseases. Marit. Farmer and Co-op. Dairyman 50(16): 22-23. May 15, 1945. 7 C77
- 2798 MONTEVERDE, J. "Pullorosis" grave enfermedad de los polluelos. Soc. Rural Argentina. An. 79: 260-262. Mar. 1945. 9 Sol
- 2799 MOOG, F., and STEINBACH, H. B. Adenylpyrophosphatase in chick embryos. J. Cell. and Compar. Physiol. 25: 133-144. Apr. 1945. Ref. 444.8 J822
- 2800 MOORE, A. C. Sex-determination research needed. Poultry [London] 96: 246. Apr. 17, 1945. 47.8 P869
- 2801 MOORE, D. H., SHEN, S. C., and ALEXANDER, C. S. The plasma of developing chick and pig embryos. Soc. Expt. Biol. and Med. Proc. 58: 307-310. Apr. 1945. 442.9 Sol
- 2802 MOORE, E. N. Epidemic tremors not transmitted by direct contact. Peninsula Broiler J. 5(1): 1. May 7, 1945. 47.8 P37
- 2803 NEWTON, L. G. Fowl pox. Red Comb B. 176, p. 12-13. Jan./Feb. 1945. 47.8 R24
- 2804 PARISH, A. J. Cause and effect; likely reasons for lameness in pullets. Poultry World 76: 205. May 4, 1945. 47.8 P8682
- 2805 POMEROY, B. S. How we can solve the Mid-western pullorum problem. Turkey World 20(5): 18, 45-46. May 1945. 47.38 T84
- 2806 REIS, J. A avicultura e a pulorose. Rev. Rural Bras. 25(293): 38-39. Jan. 1945. 9.2 B733
- 2807 RICHARDSON, H. L., and BAKER, H. R. Fowl pox vaccination. Nulaid News 23(1): 11-12. Apr. 1945. 47.8 N917
- 2808 ROBERTS, E., and CARD, L. E. Hereditary resistance to pullorum disease. Northeast. Poultryman 43, i. e. 40(4): 12. Apr. 1945. 47.8 N44
- 2809 ROEHEL, H. V. The prevalence of pullorum disease among tested flocks in the Northeast. Northeast. Poultryman 43, i. e. 40(4): 7. Apr. 1945. 47.8 N44
- 2810 ROMANOFF, A. L. Transmission and control of pullorum in incubation. Northeast. Poultryman 43, i. e. 40(4): 9. Apr. 1945. 47.8 N44
- 2811 SEEGER, K. C. Blue comb. Northeast. Poultryman 43, i. e. 40(4): 17-18. Apr. 1945. 47.3 N44
- 2812 SHOEMAKER, A. Caponizing worth while. Family Herald and Weekly Star 76(10): 17. Mar. 7, 1945. 7 F21
- 2813 SIMONPIETRI, R. Diarrea blanca bacilar de los pollitos. Chacra 15(174): 46-47, 75. Apr. 1945. 9 C34
- 2814 SIMONPIETRI, R. H. Afección difterovaríolica de las aves de corral. Chacra 15(173): 46-47, 88. Mar. 1945. 9 C34
- 2815 SMITH, H. R. Tuberculosis in poultry and swine. Iowa Vet. 16(3): 22-26. May/June 1945. 41.8 Io9
- 2816 SZYFRES, B. Que es la pullorosis y el método de combatirla. Asoc. Rural del Uruguay. Rev. 72 (1/2): 16-23. Jan./Feb. 1945. 9.9 As5
- 2817 VELOZ, L. B. Ultraviolet lamps in poultry production. Canad. Poultry Rev. 69(5): 22-24. May 1945. 47.8 C16
- 2818 WALFORD, S. M. Lets take another look at pullorum [control]. Northeast. Poultryman 43, i. e. 40(4): 5, 28-29. Apr. 1945. 47.8 N44
- 2819 WATERS, N. F. Breeding for resistance and susceptibility to avian lymphomatosis. Poultry Sci. 24: 259-269. May 1945. 47.8 Am33P
- 2820 WATERS, N. F. Natural transmission of avian-lymphomatosis. Poultry Sci. 24: 226-233. May 1945. 47.8 Am33P
- 2821 WEAVER, L. E. Putting the "pincers" on coccidiosis in chicks. Amer. Agr. 142: 252-253. June 2, 1945. 6 Am3
- 2822 WELCH, H. Pullorum disease in chicks. Mont. Farmer 32(17): 19, 30. May 1, 1945. 6 M764
- 2823 WILEY, J. R. Causes of poultry mortality in 1943. Northeast. Poultryman 43, i. e. 40(4): 14. Apr. 1945. 47.8 N44
- 2824 ZUMBRO, P. B. Economic aspects of pullorum disease control and eradication. Northeast. Poultryman 43, i. e. 40(4): 13. Apr. 1945. 47.8 N44

#### Miscellaneous

- 2825 ABSALOM, W. M. Hawks--dark destroyers of Rollers. Amer. Pigeon J. 34(1/2): 8. Jan./Feb. 1945. 47.8 Am35
- 2826 ALBERTS, B. W. "Range-age" management; this year especially summer care will pay. Poultry Tribune 51(6): 7, 13-14. June 1945. 47.8 P8642
- 2827 ANDERSON, B. F. Brooding healthy chicks. Skagit Co-op. Dairyman 22(8): 9. Apr. 1945. 280.28 Sk1



- 2828 ANDERSON, B. P. Government needs more poultry meat. Skagit Co-op. Dairyman 22(8): 18. Apr. 1945. 280.28 Sk1
- 2829 AÑE ALDERETE, A. La incubación artificial. Fomento [monthly] 2(15): 6, 26. Jan. 1945. 8 F734
- 2830 ARE UTILITY standards [in judging] practicable? By "Rufus." Poultry [London] 96: 281. May 1, 1945. 47.8 P869
- 2831 BALL, R. F. The value of four characters used in culling ready-to-lay pullets. Poultry Sci. 24: 216-225. May 1945. 47.8 Am33P
- 2832 BARLEY, H. D. Enemies of the farmer; depredations by foxes, badgers, stoats and other vermin must be kept under control. Poultry World 76: 181, 188. Apr. 20, 1945. 47.8 P8682
- 2833 BARLEY, H. D. Sgt. Blank wants to start a poultry farm in Great Britain. I-III. Poultry World 76: 205, 217, 221, 230, 233. May 4-18, 1945. 47.8 P8682
- 2834 BARLEY, H. D. Watch the carrion crow; next to the fox he is the most destructive - hawks, magpies, stoats and badgers are also on the black list. Poultry World 76: 193. Apr. 27, 1945. 47.8 P8682
- 2835 BAYON, H. P. Air is cheap. Poultry Farmer [London] 112(2915): 3. May 4, 1945. 47.8 F312  
Care of chicks in brooders.
- 2836 BEESON, F. W. There are eight in this poultry [farm] venture. Canada Poultryman 32(5): 15, 17. May 1945. 47.8 C166
- 2837 BERKMAN, J. Fattening cockerels and housing pullets. (In Hebrew.) Hassadeh 25: 194-195. Mar. 1945. 26 H27
- 2838 BILLINGS, W. A. Turkey pointers for '45. Successful Farming 43(5): 92-95. May 1945. 6 Sul2
- 2839 BIRD, S. Measuring roundness of breast in live turkeys. U.S. Egg & Poultry Mag. 51: 206-209, 235. May 1945. 286.85 Eg3
- 2840 BROOMHEAD, W. W. Hatching artificially. Poultry [London] 96: 264. Apr. 24, 1945. 47.8 P869
- 2841 BROOMHEAD, W. W. Indoor batteries. Poultry [London] 96: 248. Apr. 17, 1945. 47.8 P869
- 2842 BROOMHEAD, W. W. Natural rearing [of chicks]. Poultry [London] 96: 296. May 8, 1945. 47.8 P869
- 2843 BROOMHEAD, W. W. Trespassing hens. Poultry [London] 96: 312. May 15, 1945. 47.8 P869  
Concerning British legislation.
- 2844 BRUCKNER, J. H. Better brooding for better pullets. Northeast Poultryman 43, 1. e. 40(4): 31. Apr. 1945. 47.8 N44
- 2845 BUBNER, L. J. Producing eggs profitably. So. Austral. Dept. Agr. J. 48: 361-362. Mar. 1945. 23 So83  
General care of poultry.
- 2846 CLARK, B. Growing good pullets on ranges. N. J. Farm and Gard. 16(6): 26-28. June 1945. 6 G162
- 2847 CORLETT, D. My way with a sitting hen. 1-3. Poultry Farmer [London] 112(2913): 6-7; (2914): 7; (2915): 7. (Concl.) Apr. 20-May 4, 1945. 47.8 F312
2. Managing the chicks. 3. Feeding & management.
- 2848 GRAM, J. S. Behind our egg records [in Canada]...a constructive poultry breeding program and...mass production of good chicks by our hatcheries. Family Herald and Weekly Star 76(3): 7. Jan. 17, 1945. 7 F21
- 2849 GRAM, J. S. More eggs from fewer birds [through care]. Family Herald and Weekly Star 76(3): 9. Jan. 17, 1945. 7 F21
- 2850 DAVISON, J. M. Cull-time is any time. Pacific Rural Press, South. Ed. 149: 301. Apr. 28, 1945. 6 P112A
- 2851 DIXON, K. R. One man's opinion [concerning the battery system]. San Diego Poultry J. 21 (477): 4-6. May 1945. 47.8 Sa52
- 2852 ELLIS, F. E. How many eggs per bird? Family Herald and Weekly Star 76(3): 7. Jan. 17, 1945. 7 F21
- 2853 EMMEL, M. W. Manage poult[r]y for best yields. Fla. Grower 53(5): 17. May 1945. 80 F6622
- 2854 FARNSWORTH, MRS. H. Did you ever try geese? Mo. Ruralist 86(8): 17. Apr. 28, 1945. 6 R8891  
Also in Kans. Farmer 82(9): 23. May 5, 1945. 6 Kl3
- 2855 FARNSWORTH, MRS. H. Maybe you want ducks, too. Mo. Ruralist 86(10): 17. May 26, 1945. 6 R8891  
Care.
- 2856 FARNSWORTH, MRS. H. Turkeys have done well on this diversified farm. Mo. Ruralist 86(9): 20. May 12, 1945. 6 R8891
- 2857 FRASIER, F. 'Turkey talk' on care for turkey growers. Washcoegg 22(12): 8. May 1945. 47.8 W27
- 2858 GILBERT, F. W. Some facts about fowls; suggestions for the amateur poultry keeper. So. Austral. Dept. Agr. J. 48: 346-348. Mar. 1945. 23 So83
- 2859 GORDON, M. D. Possible causes of bad hatches. Field 185: 294. Mar. 24, 1945. 10 F45
- 2860 GRANGE, C. Young replacement pullets are almost due for delivery...think out plans for their proper housing and feeding. Smallholder 73(1850): 10. Apr. 13, 1945. 10 Sm1
- 2861 GRIFFITH, C. Poultry farming. Agr. Soc. Trinidad and Tobago. Proc. 44: 247, 249-250. Dec. 1944. 8 T73
- 2862 GRISOLIA, E. H. La cría del pato. Campo [Buenos Aires] 29(341): 54. Mar. 1945. 9 C15
- 2863 H., H. Hatching the turkeys, artificial and natural methods. Mod. Poultry Keeping 52: 339. May 9, 1945. 47.8 Eg3
- 2864 HADLINGTON, E. Use leg rings to identify hens of different ages. Farmer and Settler 40(9): 14. Mar. 29, 1945. 23 F226
- 2865 HALBROOK, E. R. Kansas turkey program discussed. Southwest Poultryman 9(2): 10-12. Apr. 1945. 47.8 So86  
Author's name appears as E. R. Hallbrook.
- 2866 HALLOWS, R. J. Handle with care; injuries and prolapse result from carelessness. Poultry World 76: 222. May 11, 1945. 47.8 P8682
- 2867 HAYES, J. B. It pays to change tunes; "Herb" Hulsizer graduated...to a leading breeder-hatcheryman. Hatchery Tribune 19(6): 12. June 1945. 47.8 H28
- 2868 HERNANDEZ, J. B. Avicultura; breves conceptos desde el punto de vista práctico. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 55-56. Nov. 1944. 49 B86
- 2869 HIGGINS, T. C. Warm weather care of poultry. R. I. State Col. Ext. 4-H Leader's Let., May 29, 1945, p. 7, processed. 275.29 R34Rho
- 2870 HOFFMANN, E. Poor management limiting factor in broiler production. Peninsula Broiler J. 5(1): 1-2. May 7, 1945. 47.8 P37
- 2871 HOGAN, M. Poultry profitable sideline; Yakima farmers work out many labor saving ideas. Washcoegg 22(12): 10, 16. May 1945. 47.8 W27
- 2872 HOWES, H. Extra food; more pullets. Farmers Weekly [London] 22(18): 36. May 4, 1945. 10 F2226  
General care.
- 2873 HOWES, H. Keep the ducklings fit. Mod. Poultry Keeping 52: 303. Apr. 25, 1945. 47.8 Eg3
- 2874 HOWES, H. Keep the ducklings separate. Mod. Poultry Keeping 52: 287. Apr. 18, 1945. 47.8 Eg3
- 2875 HOWES, H. The rearing of turkeys. Farming News and North Brit. Agr. 97(19): iii. May 4, 1945. 10 N82
- 2876 JAMES, L. First - clean the brooder house. Northeast Poultryman 43, 1. e. 40(4): 21. Apr. 1945. 47.8 N44



- 2877 JOHNSON, M. G. Hatching poults and ducklings. Family Herald and Weekly Star 76(13): 17. Mar. 28, 1945. 7 F21
- 2878 JOHNSTON, M. G. Figures on poultry needs [from the standpoint of care]. Family Herald and Weekly Star 76(5): 11. Jan. 31, 1945. 7 F21
- 2879 JOHNSTON, M. G. For faster feathering. Family Herald and Weekly Star 76(1): 11. Jan. 3, 1945. 7 F21
- 2880 JOHNSTON, M. G. Hints [on care] for getting bigger hatches. Family Herald and Weekly Star 76(4): 11. Jan. 24, 1945. 7 F21
- 2881 JULL, M. A. How to raise turkey poults. South. Planter 106(5): 20-21, 35. May 1945. 6 So89
- 2882 JULL, M. A. Mortality [due to lack of care] decreases profits and reduces meat supplies. Peninsula Broiler J. 5(1): 1, 6. May 7, 1945. 47.8 P37
- 2883 KOSIN, I. L. The accuracy of the macroscopic method in identifying fertile unincubated germ discs. Poultry Sci. 24: 281-283. May 1945. 47.8 Am33P
- 2884 LACKLAND, S. B. Feather eating; control of 'cannibalism.' Grit and Steel 47(2): 42. June 1945. 47.8 G88
- 2885 LAMONT, A. Why not try some capons? Family Herald and Weekly Star 76(3): 13. Jan. 17, 1945. 7 F21
- 2886 LEVITT, E. C. Poultry in the citrus grove; methods which have proved successful [on the Wrench farm]. Agr. Gaz. N. S. Wales 56: 123-125. Mar. 1, 1945. 23 N472
- 2887 LIND, A. J. Promotion size [and care] in chicks. So. African Poultry, Pigeon and Bird Mag. 51: 88. Apr. 1945. 47.8 So83
- 2888 LODGE, C. Pushing on those late hatched chicks. Poultry Farmer [London] 112(2915): 6. May 4, 1945. 47.8 F312
- 2889 LODGE, C. Separating the sexes. Poultry Farmer [London] 112(2193): 7. Apr. 20, 1945. 47.8 F312
- 2890 LODGE, C. What to do with cockerel growers. Poultry Farmer [London] 112(2917): 6-7. May 18, 1945. 47.8 F312
- Culling.
- 2891 LOPEZ PIZARRO, J. L. Preparación de aves para exposición. Suelo Argentino 4: 169. Mar. 1945. 9 Su2
- 2892 LOPEZ T., C. A. Nuestra gallina [in Colombia]. Vida Rural 6(66): 23; (67): 17-18. (Concl.?) Jan., Feb. 1945. 9.4 V66
- 2893 MCCARTHY, G. P. Producing quality turkeys. Prog. Farmer, Tex. Ed. 60(6): 47. June 1945. 6 T311
- 2894 MANGAN, J. Handling of day-old chicks. Agr. Ireland 3: 62-63. May 1945. 10.5 Ag8
- 2895 MAW, W. A. Management of meat poultry. Family Herald and Weekly Star 76(21): 15. May 23, 1945. 7 F21
- 2896 MILLER, A. La avicultura en la granja. Vinos, Viñas y Frutas 40: 298-299. Feb. 1945. 9 Ag89
- 2897 MITCHELL, J. "Greener grows the grass" using the poultry fold as an economic means of pasture improvement. Farmers Weekly [London] 22(16): 36. Apr. 20, 1945. 10 F2226
- 2898 MOORE, A. C. D[aylight] S[aving] T[ime] has only one advantage. Poultry [London] 96: 310. May 15, 1945. 47.8 P869
- 2899 MOORE, A. C. Rear some more pullets. Poultry [London] 96: 294. May 8, 1945. 47.8 P869
- Concerning care of late-hatched chicks.
- 2900 MOORE, F. E. Kansas turkey people have been selecting and breeding for better market type for more than ten years. Turkey World 20(5): 32-36. May 1945. 47.38 T84
- One of State plan series of the National Turkey Improvement Plan.
- 2901 MURRAY, G. Alaska highway turkeys [on a Canadian farm]. Family Herald and Weekly Star 76(5): 11. Jan. 31, 1945. 7 F21
- 2902 NEWMAN, T. Keep them [the chicks] growing. Mod. Poultry Keeping 52: 339. May 9, 1945. 47.8 Eg3
- 2903 O'NEIL, S. "Headache remedies." Hatchery Tribune 19(6): 11, 39-41. June 1945. 47.8 H28
- Hatchery management.
- 2904 OSGOOD, G. How Adams maintains summer egg production. Checkerboard News 7(5): 8-9. June/July 1945. 389.78 C41
- 2905 PALMA, D. El pavo puede dar lugar a una explotación muy importante en la zona arida; cuidado de pavos con perros pastores. Chacra 15(174): 45, 88. Apr. 1945. 9 C34
- 2906 PARISH, A. J. Benefit of batteries. Poultry World 76: 229. May 18, 1945. 47.8 P8682
- 2907 POWELL-OWEN, W. Inheritance or management? Faults may be inherited or caused through faulty rearing--records are the sure proof. Poultry World 76: 221. May 11, 1945. 47.8 P8682
- 2908 POWELL-OWEN, W. Simplified rearing is best [for chicks]. Poultry World 76: 233. May 18, 1945. 47.8 P8682
- 2909 PRINGLE, J. Saving losses in baby chicks. Family Herald and Weekly Star 76(5): 11. Jan. 31, 1945. 7 F21
- 2910 RAIMO, H. F. Sistemas de criação empregados na exploração das aves em postura. Rev. dos Criadores 16(3): 51-53. Mar. 1945. 43.8 R32
- 2911 REED, J. M. Is it an army pigeon? Mo. Ruralist 86(10): 7. May 26, 1945. 6 R8891
- 2912 ROBERTSON, E. I. Labor short-cuts for pullets on pasture. Everybodys Poultry Mag. 50(5): 7, 22. May 1945. 47.8 F213P
- 2913 ROSCOE, C. Guard ducklings against chills. Poultry [London] 96: 313. May 15, 1945. 47.8 P869
- 2914 ROSCOE, C. I don't fuss ducklings. Poultry [London] 96: 246, 252. Apr. 17, 1945. 47.8 P869
- 2915 S., L. H. New [world] egg record. Rural New-Yorker 104: 265. May 5, 1945. 6 R88
- 2916 SARASQUETA, P. A. DE. Conveniencia de los registros genealogicos. Campo [Buenos Aires] 29(341): 53. Mar. 1945. 9 C15
- 2917 SCHOFIELD, M. A. Calcium for egg shells. Coop. Poultryman 10(4/5): 8. Apr./May 1945. 47.8 C782
- 2918 SEQUEIRA, O. DE. Pomeos-correio, "soldados alados" na guerra e na paz. Chacaras et Quintais 71: 168-172. Feb. 15, 1945. 9.2 C34
- 2919 SERFONTEIN, P. J. Bestuur van jong henne So. African Poultry, Pigeon and Bird Mag. 51: 89-90. Apr. 1945. 47.8 So83
- Care of the pullet.
- 2920 SHOEMAKER, A. A few hints on hatching. Family Herald and Weekly Star 76(1): 11. Jan. 3, 1945. 7 F21
- 2921 SHOEMAKER, A. More from your flock [in egg production]. Family Herald and Weekly Star 76(6): 15. Feb. 7, 1945. 7 F21
- 2922 SMITH, A. C. Quality counts in [purchasing] baby chicks. Poultry & Rabbit Monthly 13(5): 5-6. May 1945. 47.8 P8654
- 2923 SPOONER, H. L. "Mother Miller" hatchery; retails over three million. Hatchery Tribune 19(5): 13, 52. May 1945. 47.8 H28
- 2924 STEP by step [in care of chicks]. Watch 'em scratch! By 'Pop.' Grit and Steel 47(2): 44. June 1945. 48.8 G88
- 2925 STURKIE, P. D. The effects of low incubation temperatures on the expression of rose and duplex comb, crest, muffs, frizzled, naked neck and triple spurs in the domestic fowl. Amer. Nat. 79: 286-288. May/June 1945. 470 Am36
- 2926 SWEPSTONE, H. E. Post-war batteries. 28-32. Poultry Farmer [London] 112(2913): 3; (2914): 3; (2915): 3; (2916): 3; (2917): 3. Apr. 20-May 18, 1945. 47.8 F312
28. How long a holiday? 29. Low level output policy; 30. Moulting takes about three months; 31. Problem of the holiday hen; 32. I'm no vet.
- 2927 TAYLOR, A. G. Geese as an additional source of farm revenue. Canada Poultryman 32(5): 6. May 1945. 47.8 C166



2928 THOMPSON, W. C. Quality pullets are needed this year. Rural New-Yorker 104: 273, 288. May 19, 1945. 6 R88

Suggestions as to care.

2929 TOMMY, A. F. Industrialise our poultry farms. Poultry Farmer [London] 112(2917): 3. May 18, 1945. 47.8 F312

2930 TONTZ, C. Cull hens pay for pullets. Calif. Cult. 92: 277. May 12, 1945. 6 C12

Description of the Bruce Renick poultry farm.

2931 TONTZ, C. From scratch to success on a poultry farm. Calif. Cult. 92: 244. Apr. 28, 1945. 6 C12

2932 TOWNSEND, S. Justice in the barnyard. Family Herald and Weekly Star 76(5): 11. Jan. 31, 1945. 7 F21

Quarrel between two roosters ended by other fowl.

2933 TURNILL, L. Cabinet incubator troubles; hatching and rearing hints. Poultry Farmer [London] 112(2914): 3. Apr. 27, 1945. 47.8 F312

2934 TURNILL, L. "A good big one always beats a good little one"; not true with layers. Poultry Farmer [London] 112(2916): 3. May 11, 1945. 47.8 F312

2935 UMOSELLE, C. A. A few pointers on chick raising. Family Herald and Weekly Star 76(10): 17. Mar. 7, 1945. 7 F21

2936 UNION OF SOUTH AFRICA. DEPT. OF AGRICULTURE AND FORESTRY. Poultry farming. Union So. Africa. Dept. Agr. and Forestry. B. 241 (Ext. Ser., No. 8) 72 p. Pretoria, 1944. 24 So84P

"Revised Edition of Bulletin originally prepared by the late Dr. J. J. Bronkhorst."

2937 \*URI, D. The present position in poultry-keeping. (In Hebrew.) Hassadeh 25: 138-141. Feb. 1945. 26 H27

2938 VONDELL, J. H. The 2-4-6 broiler raising plan. Everybodys Poultry Mag. 50(5): 6, 21-22. May 1945. 47.8 F213P

2939 WARD, F. G. Prince, Edward, Island's hens move ahead. Family Herald and Weekly Star 76(18): 7-8. May 2, 1945. 7 F21

2940 WARE, H. G. Chicks scarce, keep 'em growing. Farmer-Stockman 55: 148. May 1945. 6 Ok45

2941 WEAVER, L. E. How to keep the brooder litter dry. Northeast. Poultryman 43, 1. e. 40(4): 20. Apr. 1945. 47.8 M44

2942 WEAVER, L. E. Promotion day for the pullets. Amer. Agr. 142: 228-229. May 19, 1945. 6 Am3

Care of poultry on the range.

2943 WEGER, W. What breed? What feed? What system of management? Albers Egg Maker 20(2): 5-7. 16. Spring 1945. 47.8 All

2944 WESTBERG, J. Does it pay - to protect egg quality? Albers Egg Maker 20(2): 9-11, 14, 16. Spring 1945. 47.8 All

2945 YOUNGS, R. The aftermath of trading pigeons. Amer. Pigeon J. 34(1/2): 7. Jan./Feb. 1945. 47.8 Am35

## RABBITS

### Breeds and Breeding

2946 BASS, E. O. Why I am a Flemish Giant breeder. Small Stock Mag. 29(6): 27. June 1945. 48.8 P442

2947 BLANYER, G. J. Rabbits and American Checkered Giants. Small Stock Mag. 29(5): 28. May 1945. 48.8 P442

2948 ELLIOTT, F. A. Chinning about Chins. Small Stock Mag. 29(5): 14-15. May 1945. 48.8 P442

2949 FRANK, R., JR. The commercial Angora and the new standard. Small Stock Mag. 29(6): 10. June 1945. 48.8 P442

2950 FRENCH, F. H. Chin[chilla] Rex is a beginner's rabbit. Poultry Farmer [London] 112(2917): 8. May 18, 1945. 47.8 F312

2951 GYLE-THOMPSON, H. Management of meat does. 1-4. Poultry Farmer [London] 112(2913): 5; (2914): 8; (2915): 8; (2916): 8. (Concl.) Apr. 20-May 11, 1945. 47.8 F312

1. How to send table does to stud; 2. Fatness is chief cause of missed matings; 3. Blame doe - not the buck's owner; 4. Pseudopregnancy.

2952 HATZFELD, G. "Coelho de raça" ou "coelho comum?" Chacaras e Quintais 71: 193-194. Feb. 15, 1945. 9.2 C34

2953 HRIBAR, L. Commercial Champagnes [Champagne D'Argent]. Small Stock Mag. 29(6): 4, 8, 45. June 1945. 48.8 P442

2954 LEONARD, F. H. Flemish Giants, the king of rabbits. Calif. Rabbits Mag. 8(10): 9. May 1945. 40.28 Sa28

2955 NATHANSON, S. Prove your breeding stock genetically pure. Small Stock Mag. 29(6): 3, 7. June 1945. 48.8 P442

2956 PATWORTH, D. How the stud buck system for rabbits works. Poultry [London] 96: 249. Apr. 17, 1945. 47.8 P869

2957 PATWORTH, D. It pays to keep large breeds of rabbits for meat production. Poultry [London] 96: 297. May 8, 1945. 47.8 P869

2958 FERREIRA, A. M. Como iniciar uma criação de coelhos. Biológico 11: 52-57. (Cont.) Feb. 1945. 442.8 B529

2959 POPE, W. A. Chin wagging and breeze shooting. Small Stock Mag. 29(5): 18-19, 22-23. May 1945. 48.8 P442

Standards for the New Zealand breed.

2960 SHIRREFF, W. H., and SHIRREFF, MRS. W. H. Helpful answers for you Angora breeders. Small Stock Mag. 29(5): 5. May 1945. 48.8 P442

2961 SIGMOND, P. N. Care of young Angoras. Amer. Small Stock Farmer 29(8): 4-5. May 1945. 48.8 J82

2962 STOUT, R. P. The origin of the Rex rabbit. Amer. Small Stock Farmer 29(8): 5. May 1945. 48.8 J82

Also in Small Stock Mag. 29(6): 46. June 1945. 48.8 P442

2963 STOUT, R. P. The Rex rabbit. Small Stock Mag. 29(5): 21. May 1945. 48.8 P442

2964 TAYLOR, H. M. Show type vs production type [New Zealand]. Small Stock Mag. 29(5): 6-7. May 1945. 48.8 P442

2965 TREWEEKE, R. L. The way to produce 'just a meat rabbit.' Calif. Rabbits Mag. 8(10): 8. May 1945. 40.28 Sa28

2966 WEST, J. R. Angoras on the ground. Small Stock Mag. 29(6): 46. June 1945. 48.8 P442

2967 WILSON, E. White fleecy gold [the Angora]. Small Stock Mag. 29(5): 4. May 1945. 48.8 P442

### Feeds and Feeding

2968 MEEK, M. W. Rabbit feeding glossary. Amer. Small Stock Farmer 29(8): 3; (9): 4. (Cont.) May, June 1945. 48.8 J82

2969 PADDOCK, W. A. Supplying green feed for rabbits. Poultry & Rabbit Monthly 13(5): 12. May 1945. 47.8 P8654

2970 PATWORTH, D. Feeding young rabbits. Poultry [London] 96: 281. May 1, 1945. 47.8 P869

2971 SNOW, C. F. Careful with the rabbit green-food. Mod. Poultry Keeping 52: 305. Apr. 25, 1945. 47.8 Eg3

### Veterinary Medicine

2972 BANKS, A. E. Bloat - do's and dont's. Small Stock Mag. 29(6): 18, 26-27. June 1945. 48.8 P442

2973 BUENO, R. DE C. A coccidiose dos coelhos. Rev. dos Criadores 16(3): 56-57. Mar. 1945. 43.8 R32

2974 UBACH, F. A. Acotaciones sobre algunas dolencias de los conejos en su triple condición de productores de carne, piel y pelos. Argentina. Dir. de Ganad. B. de Ganad. 1(3): 68-72. Dec. 1944. 49 B86



2975 WENGER, R. D. Hypocalcemia in a rabbit. North Amer. Vet. 26: 289. May 1945. 41.8 N812

#### Miscellaneous

- 2976 BANKS, A. E. Ear marking. Small Stock Mag. 29(5): 3, 21. May 1945. 48.8 P442
- 2977 BLANYER, G. J. Club-aritis, or leadership and education. Small Stock Mag. 29(6): 9, 12-13, 16. June 1945. 48.8 P442
- 2978 CONUS, D. What are we waiting for? Calif. Rabbits Mag. 8(10): 15. May 1945. 40.28 Sa28  
To establish a research laboratory in California, supported by the various rabbit organizations.
- 2979 HEETEBRY, P. T. One man's opinion about the rabbit industry. Calif. Rabbits Mag. 8(10): 3. May 1945. 40.28 Sa28
- 2980 KEIFER, J. J. My experience in raising rabbits. Amer. Small Stock Farmer 29(8): 10. May 1945. 48.8 J82
- 2981 LEE, V. Making a success of rabbit raising. Poultry & Rabbit Monthly 13(5): 7, 11. May 1945. 47.8 P8654
- 2982 MOUNT, C. A. More about judges and registrars. Calif. Rabbits Mag. 8(10): 4-5, 12. May 1945. 40.28 Sa28
- 2983 PATWORTH, D. Give baby rabbits special care. Poultry [London] 96: 313. May 15, 1945. 47.8 P869
- 2984 PATWORTH, D. When and how to wean rabbits. Poultry [London] 96: 265. Apr. 24, 1945. 47.8 P869
- 2985 ZIEMAN, MRS. L. H. Rabbits just for fun. Small Stock Mag. 29(5): 8, 45. May 1945. 48.8 P442

#### SHEEP AND GOATS

##### Breeds and Breeding

- 2986 DIXON, E. W. In-breeding in stud flocks [in Australia]. Austral. Farm and Home 54: 85. Mar. 30, 1945. 23 Au7
- 2987 DONALD, M. N. Real improvement of goats, comes through selective breeding. Dairy Goat. J. 23(3): 9. May 1945. 40.18 M592
- 2988 FETHERS, G. Factors affecting fertility in rams. Past. Rev. 55: 185-186. Mar. 16, 1945. 23 Au75
- 2989 HARVEY, J. E. Breeding pure bred Saanen goats. Family Herald and Weekly Star 76(11): 11. Mar. 14, 1945. 7 F21
- 2990 HELLEBUSCH, C. E. New Mexico sheep and a university professor. West. Farm Life 47(10): 3, 12. May 15, 1945. 6 R153  
Breeding for greater wool production.
- 2991 MARTINS, S. C. Criação de caprinos. Chacaras e Quintais 71: 191. Feb. 15, 1945. 9.2 C34
- 2992 NORDBY, J. E., and others. The etiology and inheritance of inequalities in the jaws of sheep. (Abs.) Anat. Rec. 91: 292. Apr. 1945. 447.8 An1  
C. E. Terrill, L. N. Hazel, and J. A. Stoehr, joint authors.
- 2993 ROW, J. M. Culling out undesirables through careful breeding of goats. Dairy Goat. J. 23(3): 7. May 1945. 40.18 M592
- 2994 WATSON, I. Improvement possibilities and selective mating method for sheep on New Mexico ranges. N. Mex. Stockman 10(5): 6-7. May 1945. 49 N462

##### Feeds and Feeding

- 2995 BRIGGS, H. M. Fattening lambs on wheat pasture. Sheep Breeder 65(6): 22. June 1945. 45.8 Am31
- 2996 CULBERTSON, C. C., and FERGUSON, F. E. Lambs put OK on silage. Farm Sci. Rptr. 6(2): 15-16. Apr. 1945. 275.28 F22
- 2997 KAMMLADE, W. G. Feeding Texas lambs. Sheep and Goat Raiser 25(8): 28-30. May 1945. 45.8 Sh3
- 2998 MARTÍN DE FRUTOS, J. Alimentación y pastoreo del ganado lanar. Spain. Min. de Agr., Secc. de P., Prensa y Propag. Bojas Divulg. v. 36, No. 24, 12 p. Madrid, 1944. 15 H68

2999 MAYNARD, J. Where kids [belonging to 4-H Clubs and Future Farmers of America] keep an eye on costs - and do a man-size job of fattening lambs. Through the Leaves 33(2): 40-41. Mar./Apr. 1945. 56.8 T41

#### Veterinary Medicine

- 3000 GRAM, J. S. Boost your flock returns! Here's a simple way to get rid of the worms. Family Herald and Weekly Star 76(19): 5, 12. May 9, 1945. 7 F21
- 3001 EVELETH, D. F., and GOLDSBY, A. I. Using chemicals in combating internal parasites [worms] of sheep. N. Dak. Agr. Expt. Sta. Bimo. B. 7(4): 9-11. Mar./Apr. 1945. 100 N813B
- 3002 FISHER, J. R. Four years success with phenothiazine as an anthelmintic for dairy goats. Amer. Dairy Goat News 6(12): 6. June 1945. 40.18 Am34
- 3003 FOLLEY, S. J., MALPRESS, R. H., and YOUNG, F. G. Induction of lactation in goats and cows with synthetic oestrogens and anterior-pituitary extracts. J. Endocrinol. 4: 181-193. Jan. 1945. 448.8 J8293
- 3004 GALLIE, J. G. E. Charlock poisoning of lambs. Vet. Rec. 57: 198. Apr. 28, 1945. 41.8 V641
- 3005 GORDON, M. D. When your goat is sick. Field 185: 322. Mar. 31, 1945. 10 F45
- 3006 GRAHAM, E. Syringe for drenching [goats]. Amer. Dairy Goat News 6(12): 9, 14. June 1945. 40.18 Am34
- 3007 HAMMOND, J. Induced ovulation and heat in anoestrous sheep [by hormone treatment]. J. Endocrinol. 4: 169-180. Jan. 1945. 448.8 J8293
- 3008 K., F. Stomach worms in sheep. Farmers' Gaz. [Dublin] 103: 278. May 12, 1945. 10 F221
- 3009 KAPLAN, M. M., and LAGER, A. E. A clinical and laboratory study of spontaneous listerellosis in a goat. Vet. Med. 40: 199-202. June 1945. 41.8 M69
- 3010 KOBERG, C. W. Sore eyes of baby lambs. Sheep and Goat Raiser 25(8): 8. May 1945. 45.8 Sh3  
Entropion and trichiasis.
- 3011 MACLAGAN, D. S. Pest and parasite problems of hill sheep farming [due to pasture deterioration]. (Abs.) Scot. Farmer 53: 506. Apr. 7, 1945. 10 Sco8
- 3012 MARSH, H. The relation of disease in range sheep to sheep feeding in the Corn Belt. Vet. Student 7: 135-138. Winter 1945. 41.8 V6425
- 3013 MILLER, E. C. Meet the meat shortage with heavier lambs. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(5): 16, 61. May 1945. 6 P945K  
Chiefly concerning use of phenothiazine.
- 3014 PAGET, R. F. Hermaphroditism in goats. Dairy Goat. J. 23(3): 6. May 1945. 40.18 M592
- 3015 PALMEIRO, J. O. Nota sobre a rickettsiose ocular ovina em Portugal. Rev. de Med. Vet. [Lisboa] 39: 537-540. Dec. 1944. 41.8 R3215  
Includes cattle and swine.
- 3016 SALAZAR GERARD, R. El saguaypé en los ovinos. Chacra 15(173): 14-15, 96. Mar. 1945. 9 C34  
Liver fluke disease.
- 3017 SANDERSON, C. J. Mammitis in ewes is highly contagious. Land [Sydney], No. 1740, p. 9. Apr. 6, 1945. 23 L22
- 3018 SEDDON, H. R. Chronic endemic dental fluorosis in sheep. Austral. Vet. J. 21: 2-8. Feb. 1945. 41.8 Au72
- 3019 THORP, W. T. S., HENNING, W. L., and SHIGLEY, J. F. Phenothiazine as an anthelmintic for breeding ewes. J. Anim. Sci. 4: 133-140. May 1945. 49 J82
- 3020 WATSON, R. H., and JARRETT, I. G. Intubation of the abomasum in sheep. Austral. Vet. J. 21: 8-11. Feb. 1945. 41.8 Au72



3021 WILLMAN, J. P., and others. Prevention and cure of muscular stiffness ("stiff-lamb" disease) in lambs. *J. Anim. Sci.* 4: 128-132. May 1945. 49 J82

J. K. Loosli, S. A. Asdell, F. B. Morrison, and P. Olafson, joint authors.

#### Miscellaneous

3022 BAKER, E. T. From cave man days to modern times, the goat has been a friend of man. *Oreg. Farmer* 68: 247. May 3, 1945. 6 Or32

3023 CHANDLER, M. M. "I doubt if you'll ever work again"; so Mrs. Tyler started her goat dairy [farm]. *Dairy Goat J.* 23(3): 1, 22-23. May 1945. 40.18 M592

3024 \*DEMCHENKO, A. Vosstanavlivaem tonkorunnoe ovtsevodstvo [We are restoring our fine-wooled sheep raising]. *Kolkhoz. Proizvod.*, No. 10, p. 26. Oct. 1944. 281.8 K83

Kolkhoz "Vtoraiia piatiletka" in the Stavropol'skii region.

3025 EGLI, C. Swiss celebrate Shepherd Sunday. *Sheep and Goat Raiser* 25(8): 38-39. May 1945. 45.8 Sh3

3026 ELLING, C. G. Kansas College Extension work in sheep and swine programs. *Kans. Stockman* 30, 1. e. 29(8): 29. June 1945. 49 K134

3027 MILLER, R. C. Timely sheep management practices. *Prog. Farmer, Ky.-Tenn.-W. Va. Ed.* 60(6): 10. June 1945. 6 P945K

3028 PURSER, R. Sheep shearing course; Ottawa Valley farmers...learn modern methods of shearing sheep and handling wool. *Family Herald and Weekly Star* 76(20): 7-8. May 16, 1945. 7 F21

3029 TISDALE, W. H. J. Wanted - cleaner Canadian wool. *Canad. Sheep Rev.* 1945: 5. 45.9 G164

Cleaning of sheep before shearing.

3030 URIBE B., R. La cabra lechera ideal benefactora del pobre. *Rev. Agr. y Ganad.* 8(89): 13-14. Dec. 1944. 9.4 R327

3031 WILLIAMS, M. D. Raising milk goats. *Farmers Guide* 101(9): 12. May 1, 1945. 6 In2

3032 WILLMAN, J. P. Sheep for food, clothing, and pleasure. *Cornell Plantations* 1: 35-36. Spring 1945. 409.6 C812

#### SWINE

##### Breeds and Breeding

3033 CRAFT, W. A. Research in the Regional Swine Breeding Laboratory. *Iowa Vet.* 16(3): 8-10. May/June 1945. 41.8 Io9

3034 DAVIES, G. W. Four yardsticks of the Poland China breed. *Poland China World* 32(4): 9. May 1945. 46.8 Sw62

3035 ELDER, C. R. And now hybrid hogs. *Furrow* 50: 3. May/June 1945. 6 F98

3036 ELIJAH, H. D. The value of a purebred boar. *Hog Breeder* 20(5): 16-17, 57. May 1945. 46.8 H672

3037 HETZER, H. O. Inheritance of coat color in swine. *J. Hered.* 36: 121-128. Apr. 1945. Ref. 442.8 Am3

3038 JEWETT, L. M. What about your herd sire? *Berkshire News* 10(7): 22-23. May 1945. 46.8 B454

3039 KEILHOLZ, F. J. Purebreds are still best. *Hog Breeder* 20(5): 7-8. May 1945. 46.8 H672

3040 \*RED'KIN, A. K voprosu o porodnom raionirovanii i plemennoi rabote v svinovodstve [Concerning the question of regional distribution of breeds and breeding work in the swine industry]. *Sovkhoz. Proizvod.* 5(1/2): 41-45. Jan./Feb. 1945. 20 So85

In the U. S. S. R.

3041 WILLHAM, O. S. Swine improvement through inbreeding and outcrossing. *Feedstuffs* 17(21): 56-57. May 26, 1945. 286.81 F522

3042 WILLIAMS, W. C. Poland China reminiscence. *Poland China World* 32(4): 11. May 1945. 46.8 Sw62

#### Feeds and Feeding

3043 CRAMPTON, E. W., and ASHTON, G. C. Barley vs. wheat as the basal feed in the bacon hog ration. *Sci. Agr.* 25: 403-414. Mar. 1945. 7 Sci2

3044 CULLITY, M., and others. Mureak Agricultural College pig feeding trial. IV-V. *West. Austral. Dept. Agr. J.* (ser. 2) 21: 372-376. Dec. 1944. 23 W52J

IV, by M. Cullity and C. R. Dixon; V, by R. R. Rutherford and C. R. Dixon.

3045 DAY, D. I. Fine pasture - fine hogs. *Farmers Guide* 101(9): 17. May 1, 1945. 6 In2

3046 ELLIS, M. G. New light on [wheat for] hog feeding. *Family Herald and Weekly Star* 76(10): 12. Mar. 7, 1945. 7 F21

3047 FRENCH, M. H. The value of animal proteins, especially separated milk, in pig feeding. *East African Agr. J.* 10: 234-237. Apr. 1945. 24 Ea74

3048 HALNAN, E. T. Value of wheat offals for pigs and poultry. (Sum.) *Food* 14: 90-91. Apr. 1945. 389.8 F738

3049 \*KORNAHRENS, J. Umstellung auf hackfruchtmas ermöglicht aufrechterhaltung der schweinemast. *Mitt. f. die Landw.* 59: 421. May 6, 1944. 18 D48M

3050 LACEY, J. More pasture--more pork. *Hoard's Dairymen* 90: 268. May 10, 1945. 44.8 H65

3051 MCLAREN, G. Let hogs harvest your corn. *Family Herald and Weekly Star* 76(15): 15. Apr. 11, 1945. 7 F21

3052 MILLER, R. E., JR. 'Hog supplement' feed test attracts attention in Parowan farm area. *Utah Farmer* 64(18): 3, 8. May 10, 1945. 6 D45

3053 PEIRSON, H. M. Winter feeding pigs. *Straight Furrow* 4(5): 13. Mar. 15, 1945. 281.8 St8

3054 PENCE, J. W., and others. The rapidity of the storage of thiamine and its retention in pork muscle. *J. Anim. Sci.* 4: 141-145. May 1945. 49 J82

R. C. Miller, R. A. Dutcher, and P. T. Ziegler, joint authors.

3055 \*PETERSEN, N. Verwertung von abfallprodukten durch mastschweine in Schweden. *Mitt. f. die Landw.* 59: 429-430. May 6, 1944. 18 D48M

3056 PIFER, R. W. Balanced rations make cheaper hogs. *Ky. Farmer's Home J.* 81(6): 9. June 1945. 6 F2237

3057 PIG FEEDING trials with lawn grass. *Eire. Dept. Agr. J.* 41: 209-219. Sept. 1944. 10 Ir2J

Experiment with cut grass.

3058 SHELTON, E. J. Feeding brood sows. *Queensland Agr. J.* 60: 177-180. Mar. 1945. 23 Q33

3059 THOMPSON, C. P., and Hillier, J. C. Protein supplements for fattening swine. *Feedstuffs* 17(21): 16. May 26, 1945. 286.81 F522

3060 VIANNA, A. T. Como fazer uma engorda de porcos. *Chacaras e Quintais* 71: 299-303. Mar. 15, 1945. 9.2 C34

#### Veterinary Medicine

3061 BREED, F. Plant poisoning in swine. *Norden News* 19(3): 6. May/June 1945. 41.8 N75

3062 CAMPBELL, R. L. Icteric condition found in hogs in northern Missouri. *North Amer. Vet.* 26: 347-348. June 1945. 41.8 N812

3063 ELDER, C., and CRISLER, O. S. Hog cholera. *Hereford Swine J.* 5(5): 15-18. Apr./May 1945. 46.8 H42

3064 GRAHAM, R. Brucellosis in swine. *Hereford Swine J.* 5(5): 6-8. Apr./May 1945. 46.8 H42

3065 KERLIN, D. L., and GRAHAM, R. Studies of listerellosis. VI. Isolation of *Listerella monocytogenes* from liver of pig. *Soc. Expt. Biol. and Med. Proc.* 58: 351-353. Apr. 1945. 442.9 Sol

3066 KIRKPATRICK, M. G. Phenothiazine - pig wormer. *Successful Farming* 43(5): 86, 88-89. May 1945. 6 Sul2



- 3067 \*KOHL, K. Simultanimpfversuche gegen schweinepest mit einem an aluminiumhydroxyd adsorbierten virus. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 9-10. Apr. 10, 1943. 41.8 D482
- 3068 KONST, H. Chemotherapy of swine erysipelas; trials using sulfanilamide, sulfapyridine and sulfathiazole in experimental infection of mice. Canad. J. Compar. Med. 9: 135-139. May 1945. 41.8 C162
- 3069 NEW ZEALAND. DEPT. OF AGRICULTURE. LIVE-STOCK DIVISION. Castration of pigs. New Zeal. Dept. Agr. B. 230. 14 p. Wellington, 1944. 23 N48Bu
- 3070 NOVICKY, R. La vacuna al cristal violeta para la prevención del cólera porcino en Venezuela. Venezuela. Inst. de Invest. Vet. B. 2: 255-291. Dec. 1944. Ref. 41.9 V552
- Fourteen tables on the results of protection tests follow text.
- English summary.
- 3071 PIFER, R. W. Rid your pigs of profit saboteurs! Ky. Farmer's Home J. 81(5): 13, 19. May 1945. 6 F2237
- Internal and external parasites.
- 3072 POTRISA, G. Le rouget du porc; notes pratiques de prophylaxie. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 1: 70-72. Nov. 1944. 8 R327
- 3073 ROSS, O. B., and others. Congenital malformations, syndactylism, talipes, and paralysis agitans of nutritional origin in swine. Amer. Vet. Med. Assoc. J. 106: 370-375. June 1945. 41.8 Am3
- P. H. Phillips, G. Bohstedt, and T. J. Cunha, joint authors.
- 3074 SAMPSON, J., and others. Report of Special Committee on Diseases of Baby Pigs, Illinois State Veterinary Medical Association. North Amer. Vet. 26: 345-347. June 1945. 41.8 N812
- R. M. Carter, R. Claybaugh, and S. F. Rosner, joint authors.
- 3075 SCHMIDT FUNES, L. La peste porcina. Unión Agr. del Sur 3(16): 35-36. Mar. 1945. 9.3 Un3
- 3076 SHOEMAN, J. D. Swine practice. Iowa Vet. 16(3): 5-7. 10. May/June 1945. 41.8 Io9
- Miscellaneous
- 3077 B. Pigs do well for the small farmer. Farmers' Gaz. [Dublin, 103: 265. May 5, 1945. 10 F221
- 3078 CANO, R. Para el agricultor que quiera convertirse en criador de cerdos. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 42-48. Nov. 1944. 49 B86
- Includes costs and returns.
- 3079 CARSE, G. M. D. Pigs must be protected against heat. Farmer and Settler 40(9): 7. Mar. 29, 1945. 25 F226
- 3080 DALBEY, C. W. Why we organized a FFA Swine Imp. Ass'n. in Spencer, Iowa. Better Farming Methods 17(5): 10-11. 42. May/June 1945. 58.8 B46
- 3081 DOWNEY, L. A. Carcass yield of pigs [as judged from the live weight]. Victoria. Dept. Agr. J. 43: 110-111. Mar. 1945. 23 V66J
- 3082 HALE, F. Integrating swine raising with [d]airying. Tex. Livestock J. 4(5): 65, 67. May 15, 1945. 49 T29
- 3083 JOHANNING M., L. A. Por que deben cortarse los dientes y colmillos a los cerditos recién nacidos. Agrario 9(358): 8-9. Mar. 29, 1945. 9.3 Ag85
- 3084 MCROBERTS, V. F., and HOGAN, A. G. Rearing orphan pigs. Hereford Swine J. 5(5): 10-12. Apr./May 1945. 46.8 H42
- 3085 MILLER, W. Cutting costs; he boosts pork profits from production end on his ranch. West. Livestock J. 23(33, 1. e. 32): 89-90. May 15, 1945. 6 F2278
- 3086 PEIRSON, H. M. Litter production. New Zeal. J. Agr. 70: 241, 243. (To be cont.) Mar. 15, 1945. 23 N48J
- Care of the sow.
- 3087 SANTOS, E. G. DOS. A criação de suínos, na granja "Marielena." Rev. Rural Bras. 25(293): 20-26. Jan. 1945. 9.2 B733
- 3088 SHELTON, E. J. Problems of the suburban pig farmer. Queensland Agr. J. 60: 99-102. Feb. 1945. 23 Q33
- 3089 TIPTON, B. He [a 4-H Club boy] "swept the show." Acco Press 25(4): 1-4. Apr. 1945. 6 Ac2
- 3090 URIBE, J. A. Elogio del cerdo. Vida Rural 6(68): 15. Mar. 1945. 9.4 V66
- 3091 WEAVER, L. A. Emergency pork production. Hereford Swine J. 5(5): 4-5. Apr./May 1945. 46.8 H42
- Suggestions as to care.

## ENTOMOLOGY

## GENERAL

- 3092 ALLEN, A. A. Nomenclature - Another plea for realism. Ent. Monthly Mag. 71: 81-83. Apr. 1945. 421 En86
- 3093 BALFOUR-BROWNE, F. Further to the problem of a changing nomenclature. Ent. Monthly Mag. 81: 108-109. May 1945. 421 En86
- 3094 BRADLEY, J. C. Amateurs. Brooklyn Ent. Soc. B. 40: 9-10. Feb. 1945. 420 B79
- 3095 BRIDAROLLI, A. Una excursión al Iguazú. Rev. Argentina de Ent. 2(4): 50-62. Sept. 30, 1944. 421 R327
- Collecting in the Parques Nacionales del Iguazú.
- 3096 CASSELL, R. L. A gallery of insect portraits. Nat. Hist. 54: 277-279. June 1945. 500 N483J
- Photographs with accompanying text.
- 3097 GREYSTED, L. W. The formation and gender of generic names: a further note. Ent. Monthly Mag. 81: 118. May 1945. 421 En86
- 3098 HEADSTROM, R. The zoo in the back yard. Some strange garden creatures which most gardeners never see. Horticulture 23: 259-260. May 15, 1945. 80 H787
- 3099 KELSEY, J. M. A trap for collecting adults of ground-pupating insects. New Zeal. J. Sci. and Technol. Sect. A, Agr. 26: 294-297. Feb. 1945. 514 N48A
- 3100 LIEBERMANN, J. Los guaraníes y los insectos argentinos. Pampa Argentina 18(200): 1, 19. Apr. 1944. 9 P19
- 3101 MACKWORTH-PRAED, C. W. Three seasons in the western Highlands (Lep., Odon., Col.). Ent. Monthly Mag. 81: 114-117. May 1945. 421 En86
- 3102 \*OTERO POLO, R. Alimentación de los peces de agua dulce. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 36, No. 29, 8 p. Aug. 1944. 15 H68
- Insect food of fresh-water fish.
- 3103 PALMER, M. A. The ladybeetle (Coccinellidae) and other beneficial insects. Green Thumb 2(3): 16-18. May/June 1945. 80 G82
- 3104 \*PARDO ALCAIDE, A. Analectas entomológicas. II-III. Las cajas de colección (normas para su construcción). Graellsia 2: 141-154, 183-188. Oct., Dec. 1944. 421 G75
- 3105 PETERSON, A. Some insect infants. Sci. Monthly 60: 426-442. June 1945. 470 Sc123
- General discussion of larvae with original drawings.
- 3106 REEKS, W. A., and SMITH, C. C. A list of some forest insects of Newfoundland. Acadian Nat. 2(5): 1-17. May 1945. 410.9 N42A
- 3107 SMITH, G. A. Mr. Bug sits for his picture. Pop. Mechanics Mag. 83(5): 77-79. May 1945. 291.8 P81
- Illustrations on p. 76.
- 3108 STEYSKAL, G. Nomenclature and semantics. Ent. News 56: 100-102. Apr. 1945. 421 En88



3109 TEALE, E. W. The world's most useful legs; further adventures in an insect garden. *Nature Mag.* 38: 237-240, 272. May 1945. 409.6 N214  
The legs of insects have an importance unparalleled among the other animals. Photographic illustrations.

3110 WAINWRIGHT, C. J. Nomenclatorial problems. *Ent. Monthly Mag.* 71: 79-80. Apr. 1945. 421 En86

3111 WELLINGTON, W. G. Conditions governing the distribution of insects in the free atmosphere. *Canad. Ent.* 77: 21-28. Feb. 1945. 421 C16

## GENERAL - ECONOMIC

3112 \*AHLBERG, O., and MATHLEIN, R. DDT - epok g rande medel mot skadeinsekter [DDT - epochal remedy against noxious insects]. *F rs k och Forskning* 2: 52-54. Apr. 1945. 11 F77

Sweden. Statens V xtskyddsanstalt. V xskyddsnotiser 1945, No. 1.

3113 ANNAND, P. N. The basis and significance of recent developments in entomology. (Abs.) *Wash. Ent. Soc. Proc.* 47: 103. Apr. 1945. 420 W27

3114 AYARS, J. S. DDT - Answer to the farmer's prayer? *Successful Farming* 43(6): 26, 28, 29. June 1945. 6 Sul2

3115 BRADFORD, L. A. Tobacco insects on parade. *South. Agr.* 75(5): 12. May 1945. 6 So83

3116 C., L. H. The bug battle has started. *Amer. Agr.* 142: 243. June 2, 1945. 6 Am3

3117 CAHN, R. S., PHIPERS, R. F., and BRODATY, E. The stability of derris in insecticidal dusts. The solvent-powder effect. *Soc. Chem. Indus. J. Trans. and Commun.* 64: 33-40. Feb. 1945. Ref. 382 M31

3118 CALDWELL, N. E. H. Bean pests in Queensland. *Queensland Agr. J.* 60: 156-171. Mar. 1945. 23 Q33

3119 CALVERY, H. O. DDT is poisonous. (Tolerance level deemed necessary when it is used on human food). *Hoosier Hort.* 27: 67-69. May 1945. 81 In2H

3120 CLARK, G. L., and CAGLE, F. W., JR. Crystal structure of DDT [2,2-bis (p-chlorophenyl) 1,1,1-trichloroethane]. *Science* 101: 465-466. May 4, 1945. 470 Sci2

3121 CLAUSEN, C. P. International aspects of biological control of insect pests. *Chile. Dir. Gen. de Agr. Agr. T c.* 4: 245-255. Dec. 1944. 464.9 0432B

3122 COOPER, V. Algo sobre el DDT. *Rev. Mens. B. A. P.* 28(329): 81-83. Apr. 1945. 9 R326

3123 CROMBIE, A. C. On competition between different species of graminivorous insects. *Roy. Soc. London. Proc. Ser. B, Biol. Sci.* 132: 362-395. Apr. 10, 1945. Ref. 501 L84B

Competitive growth of populations of *Rhizopertha dominica*, *Oryzaephilus surinamensis*, and *Sitotroga cerealella* in wheat.

3124 CRCNK, L. M. News and notes from the garden front; about two new insecticides which will battle those ever-present pests. *Home Gard.* 5(5): 57. May 1945. 80 H756

Sodium selenate and Ryanex.

3125 CUMMINGS, M. B. Insects in our gardens. *Rural New-Yorker* 104: 295. June 2, 1945. 6 R88

3126 DDT deals death to disease. *Chemistry* 18 (6): 1-10. Feb. 1945. 381 J826A

3127 DEWEY, J. E. Experiences with insect control in 1944. *N. Y. State Hort. Soc. Proc.* (1945) 90: 33-38. 81 N484

3128 DEWEY, J. E. Fruit insect problems in 1944. *N. Y. State Hort. Soc. Proc.* (1945) 90: 38-46. 81 N484

3129 DITMAN, L. P. Cheaper insect control possible; liquefied gas aerosols better than dusting or spraying. *Food Packer* 26(6): 58, 60, 62. May 1945. 286.83 C165

3130 EDWARDS, W. H. Control of pests and weeds in grass lawns. *Jamaica Agr. Soc. J.* 48: 283-286. Oct./Dec. 1944. 8 J223

3131 FEINER, J. Solving the insect problem. *Internatl. Confectioner* 55(5): 36-37, 64. May 1945. 389.8 In214

Control measures in food plants.

3132 FISHER, C. D. Fumigation for control of storage insects. *Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers* (1945) 1: 27-28. 389.9 C768

3133 FLECK, E. E., and PRESTON, R. K. The setting point of DDT. *Soap and Sanit. Chem.* 21(5): 111, 113. May 1945. 307.8 Sol2

3134 FONDOVILA, M. F. El dicloro-difenil-tricloroetano: sus propiedades. *Indus. y Quim.* 8: 126-131. Apr. 1945. 385 In28

3135 FRANCIS, M. Garden friends and foes - 3-5. *Pop. Gard.* 47: 4b, 50, 60, 67. Apr. 7, 14, 21 28. 1945. 80 G1622

3136 GEMIGNANI, E. V. Amigos y enemigos. *Chacra* 15(174): 84-85. Apr. 1945. 9 C34

3137 GOODHUE, L. D. New developments in insecticides. *Iowa State Col. J. Sci.* 19: 255-262. Apr. 1945. Ref. 470 Io9

3138 G NTHER, F. A. Aspects of the chemistry of DDT. *J. Chem. Ed.* 22: 238-242. May 1945. 381 J826

3139 HICKIN, N. Guardians of your food. The work of entomologists on the nests of stored foods during wartime. *New Health* 20(4): 4-5. Apr. 1945. 449.8 N45

3140 HITCHNER, L. S. The insecticide and fungicide situation for 1945. *Mich. State Hort. Soc. Ann. Rpt.* (1944) 74: 61-62. 1945. 81 M58

3141 HIXSON, E. Guide to mixing insect sprays. *Farmer-Stockman* 53: 177. May 1945. 6 Ok45

3142 HOLDAWAY, F. G. Nicotine: half of what we need. *Hawaii Farm and Home* 8(5): 20-21. May 1945. 25 H3191

Outlook poor for nicotine insecticides.

3143 HUTSON, R. DDT., its characteristics, results of tests and possible orchard applications. *Mich. State Hort. Soc. Ann. Rpt.* (1944) 74: 28-29. 1945. 81 M58

3144 JACK, J. A. Treatment for internal and external parasites in foxes. *Amer. Fur Breeder* 17 (11): 26-28. May 1945. 410 Am33

3145 JOHNS, E. DDT approaching merchandising phase. *Printers' Ink* 211(4): 19-20, 96, 99. Apr. 27, 1945. 238.8 P932

3146 \*KRISHNA SWAMY, B., and SUBBA RAO, N. V. Tobacco insecticides. *Indian Chem. Soc. J., Indus. & News Ed.* 7: 99-102. 1944. 385 In27A

3147 LAFORGE, F. B., and BARTHEL, W. F. Constituents of pyrethrum flowers. XVII-XVIII. *J. Organic Chem.* 10: 106-120. Mar. 1945. 381 J827

Contents: XVII. The isolation of five pyrethrolone semicarbazones; XVIII. The structure and isomerism of pyrethrolone and cineroline.

3148 LANGE, R., JR. Recent developments in insect control. *Spreckels Sugar Beet B.* 9: 23-24. May/June 1945. 66.8 Sp7

3149 LEWIS, S. E. Methyl bromide as a fumigant: determination in air. *Soc. Chem. Indus. J.* 64: 57-61. Mar. 1945. 382 M31

3150 MCDANIEL, E. I. Tentative schedule for insects attacking roses. *Mich. Hort. Soc. Hort News* 11: 51-53. Apr. 1945. 80 H7815

3151 MARYLAND. STATE INSPECTION AND REGULATORY SERVICE. Official report: agricultural insecticide and fungicide materials. *Md. U. Control Ser.* 194, 57 p. College Park, 1945. 276 M36Q

3152 MICHELbacher, A. E. Household pests. *Pests* 13(5): 18, 20. May 1945. 449.8 Ex8

3153 MILLSON, W. A. D. Insect pest-damage prospects. *Agr. Situation* 29: 11-14. May 1945. 1 Mc7Ag

3154 MITCHELL, E. W. How I shall spray. *Amer. Agr.* 142: 195, 205. May 5, 1945. 6 Am3



- 3155 MITCHENER, A. V. Farm animal insects and their control. Manitoba. Dept. Agr. and Immigr. P. 196, 12-p. folder. Winnipeg, 1945. 275.29 M313
- 3156 MITCHENER, A. V. Vegetable insects and their control. Manitoba. Dept. Agr. and Immigr. P. 198, 12-p. folder. Winnipeg, 1945. 275.29 M313
- 3157 MOORE, A. C. External parasites of poultry. Poultry [London], 96: 262. Apr. 24, 1945. 47.8 P869
- 3158 MORE progress with fog-DDT. Ariz. Farmer 24(10): 1, 3, 4. May 19, 1945. 6 Ar44
- 3159 MUNRO, J. A., and REDMAN, K. Effectiveness of DDT against potato insects. N. D. Agr. Expt. Sta. Bimo. B. 7(4): 11. Mar./Apr. 1945. 100 N813B
- 3160 NATIONAL ASSOCIATION OF INSECTICIDE AND DISINFECTANT MANUFACTURERS. Peet-Grady method; official method of the National Assn. Insecticide & Disinfectant Mfrs. for evaluating liquid household insecticides. Soap and Sanit. Chem. Blue Book 1945: 213, 215, 217, 218. 225 Sol4
- 3161 NATIONAL ASSOCIATION OF INSECTICIDE AND DISINFECTANT MANUFACTURERS. Specifications: insecticides and disinfectants. Soap and Sanit. Chem. Blue Book 1945: 207-209. 225 Sol4
- 3162 NEATBY, K. W. Field crop insects in the Prairie Provinces. Line Elevators Farm Service. B. 5, 64 p. Winnipeg, Manitoba, 1945. 7 N812
- Sections on individual insects were prepared by specialists in the Division of Entomology, Dominion Department of Agriculture and in the Department of Entomology, University of Manitoba.
- 3163 \*EL NUEVO insecticida D D T. Graellsia 2: 188-191. Dec. 1944. 421 G75
- 3164 PALM, C. E. New developments in materials and machinery for fruit insect control. N. Y. State Hort. Soc. Proc. (1945) 90: 30-33. 81 N484
- 3165 PRILL, E. A., HARTZELL, A., and ARTHUR, J. M. Insecticidal activity of some alkoxy analogs of DDT. Science 101: 464-465. May 4, 1945. 470 Sci2
- 3166 PURCHASE, H. S. Toxicity trials with the insecticide "666" [1,2,3,4,5,6 hexachlorocyclohexane] on rabbits, sheep and a bovine. Vet. Rec. 57: 211. May 5, 1945. 41.8 V641
- 3167 RASMUSSEN, E. J. Observations on pest control in 1944. Mich. State Hort. Soc. Ann. Rpt. (1944) 74: 30-39. 1945. 81 M58
- 3168 REYES, R. V. Los parásitos que afectan a los animales. Vida Rural 6(67): 39. Feb. 1945. 9.4 V66
- Mainly external parasites.
- 3169 RICHTER, J. La fabricación del diclorodifeniltricloroetano por el proceso continuo. Indus. y Quím. 8: 132-135. Apr. 1945. 385 In28
- 3170 SEARLS, E. M. What to expect from DDT in dairy industry. Cheese Rptr. 69(34): 7, 21-22, 24. Apr. 20, 1945. 44.8 Sh3
- 3171 \*SEN, S. N. D. D. T. in war and peace. Sci. and Cult. 10: 372-375. Mar. 1945. 475 Sci24
- 3172 SHAW, H. Field trials of dichloro-diphenyl-trichloroethane (D.D.T.) against the raspberry beetle (Byturus tomentosus Fabr.). J. Pomol. and Hort. Sci. 21: 140-145. Apr. 1945. 80 J825
- 3173 SMALLMAN, B. N. Pests of stored grain. Grain and Feed J. 94: 405. May 23, 1945. 298.8 G762
- 3174 SMIT, B. How to control insect pests to ensure good seed. Farmer [Pietermaritzburg] 33(13): 16. Mar. 31, 1944. 24 F227
- 3175 STABLER, R. M. New Jersey light-trap versus human bait as a mosquito sampler. Ent. News 56: 93-99. Apr. 1945. 421 En88
- 3176 STIFF, H. A., JR., and CASTILLO, J. C. A colorimetric method for the micro-determination of 2,2, bis(p-chlorophenyl) 1,1,1 trichloroethane (DDT). Science 101: 440-443. Apr. 27, 1945. 470 Sci2
- 3177 STRICKLAND, E. H. Could the widespread use of DDT be a disaster? Ent. News 56: 85-88. Apr. 1945. 421 En88
- 3178 TISSOT, A. N. Be careful using insecticides. Fla. Grower 53(5): 11. May 1945. 80 F6622
- 3179 TWINN, C. R. DDT and the pest control operator. Pests 13(5): 16. May 1945. 449.8 Ex8
- 3180 WAR-BORN anti-insect weapon, on test here, can change history. Ariz. Farmer 24(9): 1, 23. May 5, 1945. 6 Ar44
- Army fog generator used to disseminate a DDT oil mist.
- 3181 WARNER, O. F. Wartime sprays for your trees. Amer. Forests 51: 232-233, 250. May 1945. 99.8 F762
- 3182 WEST, T. F., and CAMPBELL, G. A. The story of DDT and its role in anti-pest measures. Soc. Chem. Indus. J. Chem. and Indus., No. 20, p. 154-159. May 19, 1945. 382 M31C
- 3183 WESTCOTT, C. Here are your garden enemies. Home Gard. 5(5): 68-70, 73-74. May 1945. 80 H756
- The sixth installment of the Home Garden's insect pests serial.
- 3184 WIGGLESWORTH, V. B. A case of D.D.T. poisoning in man. Brit. Med. J. 1945, 1(4397): 517. Apr. 14, 1945. 448.8 B77
- 3185 WILSON, F. The restriction of insect infestation to the periphery of bulk wheat. Austral. Council Sci. and Indus. Res. J. 18: 1-5. Feb. 1945. 514 Au 72J
- 3186 WOOD, F. L. Controlling external parasites [lice and mites]. Marit. Farmer and Co-op. Dairyman 50(16): 8, 27. May 15, 1945. 7 C77
- 3187 WOOD, K. Some interesting insect figures. Family Herald and Weekly Star 76(21): 8. May 23, 1945. 7 F21
- Losses and benefits from insect activities.

#### API CULTURE AND APIS MELLIFERA

- 3188 LAS ABEJAS en la agricultura Yucateca; su influencia en el henequen. By Columela. Sisal de Yucatán 6(63): 24-25. Mar. 31, 1945. 73.8 S183
- 3189 \*ADOLF, E. März-revision, auch im waben-schrank. Schweiz. Bienen Ztg. 68: 127-128. Mar. 1945. 424.8 Sch9
- Care of combs.
- 3190 BANGAY, R. D. Recording the weight of a hive. Bee Craft 27: 19-21. Mar. 1945. 424.8 B3925
- Describes use of a spring balance.
- 3191 BARNES, H. T. Make more with comb honey. Beekeepers Mag. 7(9): 9, 11. Apr. 1945. 424.8 M58
- 3192 BARRETT, D. P. Summary of 1944 and inspection prospects for Michigan in 1945. Beekeepers Mag. 7(9): 14-15. Apr. 1945. 424.8 M58
- 3193 BOWEN, A. H. Bee farming (Glos.). Brit. Bee J. 73: 30. Feb. 1, 1945. 424.8 B77
- 3194 BRAMWELL, J. F. Bee pest prevention act (N. Ireland) 1945. Beekeeping 11: 54-55. May 1945. 424.8 B3991
- 3195 BRAUN, E. The honey flow and weather data. Gleanings Bee Cult. 73: 198-201. May 1945. 424.8 G47
- Effect of sunshine, precipitation, and temperature on honey yields.
- 3196 BRETÓN Y NEWHALL, S. B. Curiosidades de las abejas. Campo [Guadalajara], Feb. 1945, p. 29. 8 G76
- 3197 \*BRÜNNICH, F. 60. Jahresbericht über die amnestischen beobachtungsstationen pro 1944. Schweiz. Bienen Ztg. 68: 49-59. Feb. 1945. 424.8 Sch9
- 3198 CABO DE VILA PARODI, L. Afección parasitaria externa de las abejas; el piojo [Braula coeca]; modo de combatirlo. Mundo Avic. 8(86): 54-56. Apr. 1945. 47.8 M92
- 3199 CALE, G. H. What lies ahead? Beekeepers Mag. 7(10): 13-14. May 1945. 424.8 M58



- 3200 CALICIS, P. La utilidad de las abejas. Colombia. Min. de la Econ. Nac. B. de Canad. 6: 405-408. Dec. 1944. 94 In22
- 3201 CARR, E. G. Ante in hives. Gleanings Bee Cult. 73: 226. May 1945. 424.8 G47  
Leave escape hole in inner cover open.
- 3202 CARROLL, E. What about the veteran? Gleanings Bee Cult. 73: 260. June 1945. 424.8 G47  
Also in Amer. Bee J. 85: 206-207. June 1945. 424.8 Am3  
National Federation of State Beekeepers' Association names committee to assist veterans interested in beekeeping.
- 3203 CARROLL, E. Where do we go from here? Amer. Bee J. 85: 159. May 1945. 424.8 Am3  
Plea for support of the National Federation of State Beekeepers Association.
- 3204 CHERCUIE, V. Les abeilles et les arbres fruitiers. Terre de Chez Nous 17 (32): 9. May 16, 1945. 7 T27  
Value as pollinators.
- 3205 CHILDERS, L. F. How to feed sulfathiazole to bees to eradicate American foulbrood. Amer. Bee J. 85: 118, 135. (Concl.) Apr. 1945. 424.8 Am3
- 3206 CHILDERS, L. F. Observations on Nosema. Amer. Bee J. 85: 194, 203. June 1945. 424.8 Am3
- 3207 CROTCH, W. A. Veiled remarks. Bee Craft 27: 30. Apr. 1945. 424.8 B3925  
Bee veils essential.
- 3208 DEYELL, M. J. Producing more wax by using empty frames. Gleanings Bee Cult. 73: 190-191. May 1945. 424.8 G47
- 3209 DOWLING, A. V. Feeding bees dry sugar. Amer. Bee J. 85: 204. June 1945. 424.8 Am3  
Also in Beekeepers Item 29: 197. June 1945. 424.8 B397
- 3210 DUNHAM, W. E. Feeding a dry pollen substitute to bees. Gleanings Bee Cult. 73: 192-193. 241. May 1945. 424.8 G47
- 3211 DUNHAM, W. E. Government regulations on sugar for bees. Beekeepers Item 29: 168. May 1945. 424.8 B397  
With formula for preparing and feeding sugar sirup to bees.
- 3212 DUNHAM, W. E. These diseases sacbrood and American foulbrood must be fought by the successful beekeeper. Farm and Dairy (Salem, Ohio) 31(40): 8. June 1, 1945. 6 F2279
- 3213 EDWARDS, E. E. The value of the honey-bee in the national economy. Glamorgan Farmer 9: 41-42. 1945. 10 G45  
In the production of honey and in the pollination of fruit and seed crops.
- 3214 \*EMÜR, O. Zwölf jahre belegstation. Schweiz. Bienen Ztg. 68: 73-75. Feb. 1945. 424.8 Sch9
- 3215 \*FASSLER, U. Bise und bienenzucht. Schweiz. Bienen Ztg. 68: 76. Feb. 1945. 424.8 Sch9
- 3216 FELT, M. E. Comparative beekeeping as a hobby. Gleanings Bee Cult. 73: 189, 239. May 1945. 424.8 G47  
Observations on various races of honeybees.
- 3217 \*FEY, J. Bericht über die schwarm- und völkervermittlung des VDSE pro 1944. Schweiz. Bienen Ztg. 68: 158-160. Apr. 1945. 424.8 Sch9
- 3218 \*FEY, J. Jahresbericht über die standbesuche und nosemahilfe pro 1944. Schweiz. Bienen Ztg. 68: 108-113. Mar. 1945. 424.8 Sch9
- 3219 \*FEY, J. Wer wird kursleiter? Schweiz. Bienen Ztg. 68: 59-61. Feb. 1945. 424.8 Sch9  
Recommends short courses in beekeeping.
- 3220 LA FLORA apicola en nuestro país; los colores de la miel dependen de la diversidad de plantas nectaríferas. Chacra 15(174): 54-55. Apr. 1945. 9 G34
- 3221 \*TYG, W. IX. Der einfluss der Nosema-infektion auf die eierstöcke der bienenkönigin. Schweiz. Bienen Ztg. 68: 67-72. Feb. 1945. Ref. 424.8 Sch9
- 3222 GREAT BRITAIN. MINISTRY OF AGRICULTURE. Spraying of fruit trees - warning. Brit. Bee J. 73: 103. Apr. 12, 1945. 424.8 B77  
To protect honeybees and other pollinating insects.
- 3223 GREGG, A. L. Bee Diseases Insurance Ltd. Bee Craft 27: 23-24. Mar. 1945. 424.8 B3925  
Functions of the organization and its value to the members.
- 3224 HARRIS, A. H. Bees make money, too. South. Agr. 75(5): 12. May 1945. 6 So83
- 3225 HAUGHNEY, L. Solar wax melter. Beekeepers Item 29: 165. May 1945. 424.8 B397
- 3226 HAYDAK, M. H. Can we depend on pollen substitutes? Amer. Bee J. 85: 119, 123. Apr. 1945. 424.8 Am3  
Formulas for supplemental feeding of bees.
- 3227 HAYDAK, M. H. Pollen supplements and substitutes. Gleanings Bee Cult. 73: 254, 283. June 1945. 424.8 G47
- 3228 \*HELLER, H. Schwere volksverluste als folgen der Frow'schen behandlung der bienenvölker gegen die milbenseuche (Acarapis woodi). Schweiz. Bienen Ztg. 68: 166-167. Apr. 1945. 424.8 Sch9  
Comments by O. Morgenthaler, p. 167-168.
- 3229 HILDRETH, A. G. A new bee repellent (synthetic powdered camphor) for poison dusts and sprays. Amer. Bee J. 85: 198. June 1945. 424.8 Am3
- 3230 HIVE communities are living object lessons in biology. By Gubeshe. Farmer (Pietermaritzburg) 33(11): 10. Mar. 17, 1944. 24 F227
- 3231 \*HOFER, P. Was eine tabelle erzählt. Schweiz. Bienen Ztg. 68: 129-130. Mar. 1945. 424.8 Sch9  
Refers to the 1944 report of the breeding station for queen bees.
- 3232 HOLCOMBE, P. L. Potato dusting depletes bee population in three New Jersey counties. Amer. Bee J. 85: 157, 165. May 1945. 424.8 Am3
- 3233 HOLLAND, H. Following the sun with honeybees. Frontiers 9: 151-153. June 1945. 410 F92  
Migratory beekeeping.
- 3234 HONEY bee utility. By Gubeshe. Farmer (Pietermaritzburg) 33(2): 5. Jan. 14, 1944. 24 F227  
Production of honey and beeswax; crop pollination.
- 3235 \*HUNKELER, M. 37. Jahresbericht über die faulbrutversicherung des VDSE pro 1944. Schweiz. Bienen Ztg. 68: 104-108. Mar. 1945. 424.8 Sch9
- 3236 \*HUNKELER, M. Von unserer rassenzucht im jahre 1944. Schweiz. Bienen Ztg. 68: 4-8. Jan. 1945. 424.8 Sch9
- 3237 JAMES, A. Pollen supplement. Amer. Bee J. 85: 205. June 1945. 424.8 Am3
- 3238 JEFFREE, E. P. Pollen substitutes and their application. Scot. Beekeeper 21: 40. Apr. 1945. 424.8 Sco8
- 3239 JONES, G. O. New sources of nectar. Gleanings Bee Cult. 73: 194-195. May 1945. 424.8 G47  
Comments on various honey plants.
- 3240 KELLY, H. V. Why does a queen cell point downwards? Brit. Bee J. 73: 101-102. Apr. 12, 1945. 424.8 B77
- 3241 KELLY, R. H. The business of bees. Mich. Farmer 204: 293, 298. June 2, 1945. 6 M58  
Honeybee produces honey crop for Michigan beekeepers in addition to pollination of agricultural crops.
- 3242 \*KILCHENMANN, H. Der baurahmen. Schweiz. Bienen Ztg. 68: 160-163. Apr. 1945. 424.8 Sch9  
Discussion of frames.
- 3243 KILLION, C. E. Pollen cakes. Amer. Bee J. 85: 122. Apr. 1945. 424.8 Am3  
As supplemental feed for bees.



- 3244 KILLION, C. E. Pollen substitutes. Beekeepers Item 29: 159-160. May 1945. 424.8 B397  
Supplemental feeding of honeybee colonies.
- 3245 KILLION, C. E. Pollen traps. Beekeepers Mag. 7(6): 11-13. Jan. 1945. 424.8 M58  
Description with illustrations.
- 3246 KNUTSON, R. Nosema again. Amer. Bee J. 85: 127. May 1945. 424.8 Am3
- 3247 \*KOBEL, F., and SCHNEIDER, F. Obstbaum-bespritzung und bienenzucht. Schweiz. Bienen Ztg. 68: 124-125. Mar. 1945. 424.8 Sch9  
Contents: 1. Gesarol und bienenzucht, by F. Kobel, p. 124-125; 2. Winterspritzung mit dinitrokresol-präparaten, by F. Schneider, p. 125.
- 3248 \*KOBEL, F. Der stand der rassenzucht in der Schweiz. Schweiz. Bienen Ztg. 68: 9-13. Jan. 1945. 424.8 Sch9
- 3249 \*KRUMMENACKER-SCHÖNI, K. Hat der dröhn-erich einen einfluss auf die lebensdauer der dort befruchteten königinnen? Schweiz. Bienen Ztg. 68: 130-131. Mar. 1945. 424.8 Sch9
- 3250 \*KÜNZLI, G. Wiedrum die "Bettlacher mai-krankheit." Schweiz. Bienen Ztg. 68: 205-206. May 1945. 424.8 Sch9
- 3251 \*KYBURZ, G. Bienenzucht früher. Schweiz. Bienen Ztg. 68: 207-208. May 1945. 424.8 Sch9
- 3252 \*LEHMANN, A. Bienenzucht und bienenzuck-er im jahre 1945. Schweiz. Bienen Ztg. 68: 43-44. Feb. 1945. 424.8 Sch9  
Sugar for feeding bees.
- 3253 LEWITT, F. L. Heather honey presses [hy-draulic honey press]. Bee Craft 27: 23. Mar. 1945. 424.8 B3925  
Illustration, p. 22.
- 3254 LLOYD, S. E. Dealing with [American] foul brood. Brit. Bee J. 73: 79. Mar. 22, 1945. 424.8 B77
- 3255 LONNON, J. F. Determining the sex of an egg. Brit. Bee J. 73: 30-31. Feb. 1, 1945. 424.8 B77
- 3256 \*LORENZ, F. "Lopa" der neue patentierte königin-zusetzer Lorenz-Pauli. Schweiz. Bienen Ztg. 68: 132-133. Mar. 1945. 424.8 Sch9
- 3257 MCMULLEN, W. H. An interesting experiment with pollen. West. Canada Beekeeper 8(5): 7. May 1945. 424.8 W525  
Average colony collection of pollen and bee visits required to secure a load.
- 3258 \*MÄDER, W. Bericht über die versicherung des VDSB gegen einbruch, diebstahl und böswillige be-schädigung pro 1944. Schweiz. Bienen Ztg. 68: 185-187. May 1945. 424.8 Sch9
- 3259 \*MÄDER, W. Die versicherung des Vereins Deutsch-Schweizerischer Bienenfreunde gegen haft-pflicht und unfälle. Schweiz. Bienen Ztg. 68: 100-104. Mar. 1945. 424.8 Sch9
- 3260 MARTIN, E. Opinion on combs; why do bees leave space at the bottom of brood combs? Gleanings Bee Cult. 73: 255. June 1945. 424.8 G47
- 3261 \*MAURIZIO, A. Honig wirkt bakterientönd. Schweiz. Bienen Ztg. 68: 164-165. Apr. 1945. 424.8 Sch9
- 3262 MEDICI, M. Importancia económica de la industria apícola. Campo [Buenos Aires] 29(341): 42-43, 58. Mar. 1945. 9 C15  
Utilization of honeybees as pollinators.
- 3263 MILLS, G. E. "Why I am interested in the honey bee." Australasian Beekeeper 46: 131. Jan. 15, 1945. 424.8 Au72
- 3264 \*MORGENTHALER, O. Der erste fall von mil-benkrankheit [Acarapis woodi] im Kanton Tessin. Schweiz. Bienen Ztg. 68: 20-21. Jan. 1945. 424.8 Sch9
- 3265 MORISON, D. L. American foul brood; in-fluence of modern methods on its spread and control. Agr. Gaz. N. S. Wales 56: 129-132. Mar. 1945. 23 N472
- 3266 MOUSTY, A. Beekeeping in Belgium during the war. Amer. Bee J. 85: 203. June 1945. 424.8 Am3
- 3267 \*NEUKOM, A. Die eibe (Taxus baccata) als pollenlieferant. Schweiz. Bienen Ztg. 68: 77. Feb. 1945. 424.8 Sch9
- 3268 NEWELL, R. E. Pollen substitutes in apiary management. Beekeepers Item 29: 121-122. Apr. 1945. 424.8 B397
- 3269 NEWELL, R. E. Prevent starvation. Bee-keepers Mag. 7(6): 23-24. Jan. 1945. 424.8 M58  
Methods of feeding sugar.
- 3270 NEWELL, R. E. Strain of honey bees for cold climate. Beekeepers Item 29: 135-137. Apr. 1945. 424.8 B397
- 3271 ONE OF the most beneficent of living crea-tures [the honeybee]. By Gubeshe. Farmer [Pieter-maritzburg] 33(15): 10. Apr. 14, 1944. 24 F227
- 3272 ORR, L. E. Bee breeding still an unknown factor. Beekeepers Item 29: 120-121. Apr. 1945. 424.8 B397
- 3273 PAIRAULT, A. Conduite du rucher au prin-temps. Fruits et Primeurs de l'Afrique du Nord. Ed. Maroc. 15: 55. Mar. 1945. 80 F9482
- 3274 PERCIVAL, M. S. The working of bracken nectararies by honey bees. Beekeeping 11: 53-54. May 1945. 424.8 B3991  
Also in Bee World 26: 37. May 1945. 424.8 B399
- 3275 POTTER, H. What about Dadant hives? Beekeepers Mag. 7(9): 18-20. Apr. 1945. 424.8 M58
- 3276 PROPER beecraft claims time, industry and skill. By Gubeshe. Farmer [Pietermaritzburg] 33 (13): 10. Mar. 31, 1944. 24 F227
- 3277 PUGH, R. M. Beekeepers' Council making good progress since last meeting. Canad. Bee J. 53: 19-20. Feb. 1945. 424.8 C16  
Regulations concerning package bees and honey.
- 3278 REA, G. H. Pollen substitutes. Amer. Bee J. 85: 197. June 1945. 424.8 Am3
- 3279 ROOT, E. R. Eighty years among the bees. Gleanings Bee Cult. 73: 203, 233, 257. (Cont.) May, June 1945. 424.8 G47
- 3280 \*ROT, A. V., and ROT, D. Honey as a destroyer of disease germs in the human body. (In Hebrew.) Hassadeh 25: 141-142. Feb. 1945. 26 H27
- 3281 \*RUEGGER, E. Erfahrungen und beobachtungen bei der offiziellen standkontrolle 1944. Schweiz. Bienen Ztg. 68: 13-17. Jan. 1945. 424.8 Sch9  
Regulations governing sugar as feed for bees.
- 3282 SARASQUETA, P. A. DE. Producción y comer-cio apícola en la República Argentina. Mundo Avic. 8(86): 38-40, 43. (Cont.) Apr. 1945. 47.8 M92
- 3283 SCHAEFER, C. W. My silent assistant [ladder-like device used to lower tipped colonies]. Gleanings Bee Cult. 73: 252-253. June 1945. 424.8 G47
- 3284 \*SCHMID, A. Standbesuche im Lungnezertale. Schweiz. Bienen Ztg. 68: 194-198. May 1945. 424.8 Sch9
- 3285 \*SCHMIED, G. Meisen am bienenstand. Schweiz. Bienen Ztg. 68: 208-209. May 1945. 424.8 Sch9
- 3286 SECHRIST, E. L. What is Nosema? Bee-keepers Mag. 7(6): 13-15. Jan. 1945. 424.8 M58
- 3287 \*SHAFIR, Y. The honeycomb as a factor in controlling diseases of and improving the bee fami-lies in the apiary. (In Hebrew.) Hassadeh 25: 142-143. Feb. 1945. 26 H27
- 3288 STAAK, W. E. Produce some cut-comb honey. Beekeepers Mag. 7(10): 9-10. May 1945. 424.8 M58
- 3289 STARKEY, J. E. Indiana [beekeeping] con-ditions. Beekeepers Item 29: 167-168. May 1945. 424.8 B397
- 3290 THAT sudden bee spurt may be meteorologi-cal. By Gubeshe. Farmer [Pietermaritzburg] 33(6): 14. Feb. 11, 1944. 24 F227  
Bees take advantage of increased noctar secretion.



- 3291 THESE Italians are famous - but they are bees. By Gubeshe. Farmer [Pietermaritzburg] 33(4): 10. Jan. 28, 1944. 24 F227  
Queen bees shipped by airplane to South Africa.
- 3292 THINGS are buzzing in "beedom." By Gubeshe. Farmer [Pietermaritzburg] 33(10): 7. Mar. 10, 1944. 24 F227  
Apiculture in Natal, South Africa.
- 3293 \*TIMOSHENKO, V. Rekordnyi medosbor; 132.8 kilogramma meda ot pchelo-sem'i [A record-breaking honey yield; 132.8 kg. of honey from one bee colony]. Kolkhoz. Proizvod., No. 10, p. 21. Oct. 1944. 281.8 K83
- 3294 TINSLEY, W. Beekeeping for beginners. West of Scot. Agr. Col. B. 142, 16 p. Glasgow, 1944. 103 G46W
- 3295 TONTZ, C. Feed and succeed. Gleanings Bee Cult. 73: 197, 237. May 1945. 424.8 G47  
Feeding sugar sirup in the spring.
- 3296 TONTZ, C. Pollen traps in autumn feed spring bees. Pop. Sci. Monthly 146(5): 149. May 1945. 470 P81
- 3297 USEFUL tips for beginners in beekeeping. By Gubeshe. Farmer [Pietermaritzburg] 33(9): 7. Mar. 3, 1944. 24 F227
- 3298 \*WALDNER, C., and WITSCHI, F. Zu den völkerverlusten nach Frow-behandlung. Schweiz. Bienen Ztg. 68: 202-204. May 1945. 424.8 Sch9  
Contents: 1. Eine ehrenrettung des Frow'schen mittels, by C. Waldner, p. 202-204; 2. Können wir vorbeugen?, by F. Witschi, p. 204.  
Treatment to control *Acarapis woodi*.
- 3299 WATSON, L. R. Drones from laying workers are fertile. Amer. Bee J. 85: 155. May 1945. 424.8 Am3
- 3300 WEBB, A. We have cause to rejoice. Amer. Bee J. 85: 158. May 1945. 424.8 Am3  
The growth of knowledge concerning beekeeping. Quotes Pliny.
- 3301 WOODMAN, A. G. We used PDB. Beekeepers Mag. 7(9): 16. Apr. 1945. 424.8 M58  
Paradichlorobenzene to control wax moths [Galleria mellonella].
- 3302 WORTH, A. British bee-keeping equipment and standardisation. Bee Craft 27: 28. Apr. 1945. 424.8 B3925
- 3303 WRIGHT, P. H. Who profits from bee pasture? West. Canada Beekeeper 8(5): 3-4. May 1945. 424.8 W525  
The value of honey plants, especially clovers, to the beekeeper and to agriculture in general.
- 3304 WYANT, R. Wyant's queen introducer. Beekeepers' Mag. 7(10): 10. May 1945. 424.8 M58
- 3305 \*ZÄCH, C. Über einen fall von bienenvergiftung durch arzenspritzmittel im feldbau. Schweiz. Bienen Ztg. 68: 20-21. Jan. 1945. 424.8 Sch9
- Colony Management
- 3306 \*ABEGGLEN, P. Vom überwintern im keller. Schweiz. Bienen Ztg. 68: 126-127. Mar. 1945. 424.8 Sch9
- 3307 ANGULO, J. Un dia entre las abejas. Reinas, obreras y zánganos; del polen de la flor al tarro de la miel. Ganaderia 2(18): 51-52, 72. Dec. 1944. 49 G15
- 3308 BARNES, R. W. What is colony morale? Amer. Bee J. 85: 196. June 1945. 424.8 Am3  
Colony management for maximum production.
- 3309 BESSONET, E. C. The production of queen bees; arrangement of queen yards. Amer. Bee J. 85: 199. (Cont.) June 1945. 424.8 Am3
- 3310 \*BLOCH, P. On the swarming of bees. (In Hebrew.) Hassadeh 25: 195-196. Mar. 1945. 26 H27
- 3311 BRAUN, E. Early de-cellaring dangerous. West. Canada Beekeeper 8(5): 11. May 1945. 424.8 W525
- 3312 BROWN, A. J. The best method of introducing queens. Australasian Beekeeper 46: 130. Jan. 15, 1945. 424.8 Au72
- 3313 BURROWS, W. H. Getting bees out of supers. Gleanings Bee Cult. 73: 251, 279. June 1945. 424.8 G47
- 3314 CLARK, H. Spring care of bees. Farmers Fed. News 25(9): 19. May 1945. 280.28 F225
- 3315 DICKS, W. J. H. The questionable queen excluder in colony management. Canad. Bee J. 53: 71-72. May 1945. 424.8 C16
- 3316 GAMBLE, R. The many methods of swarm control. Smallholder 73(1833): 16. May 4, 1945. 10 Sml
- 3317 GOODING, S. Evolution and the swarm. Bee Craft 27: 29. Apr. 1945. 424.8 B3925
- 3318 GRIERSON, P. S. Hive heating experiment. Beekeepers Item 29: 164-165. May 1945. 424.8 B397  
Electric heaters of 25-watt capacity.
- 3319 HAUGHEY, L. Swarm control. Beekeepers Item 29: 166-167. May 1945. 424.8 B397
- 3320 HOW TO go about removing honey from bees. By Gubeshe. Farmer [Pietermaritzburg] 33(3): 16. Jan. 21, 1944. 24 F227  
Use of carbolic acid for removing bees from supers.
- 3321 HUBBARD, J. Some reflections on robbing. West. Canada Beekeeper 8(5): 4. May 1945. 424.8 W525
- 3322 JESSUP, J. G. Spring management; how it is carried out in central Iowa. Gleanings Bee Cult. 73: 185-187. May 1945. 424.8 G47
- 3323 LATHAM, A. The mystery of the swarm. Amer. Bee J. 85: 193, 196. June 1945. 424.8 Am3
- 3324 \*LEHMANN, A. Schutz und wärme den bienen bei der überwinterung. Schweiz. Bienen Ztg. 68: 187-193. May 1945. 424.8 Sch9
- 3325 MÉDICI, M. Como se alimenta a las abejas. Pampa Argentina 19(211): 12. Mar. 1945. 9 P19
- 3326 MÉDICI, M. Cria de abejas. Reinas seleccionadas; metodo Doolittle. Pampa Argentina 18(200): 6-7. Apr. 1944. 9 P19
- 3327 METHODS of clearing supers of bees. By Gubeshe. Farmer [Pietermaritzburg] 34(14): 14. Apr. 6, 1945. 24 F227
- 3328 MOFFIT, G. M. Requeening and swarm control. Canad. Bee J. 53: 75-76. (To be cont.) May 1945. 424.8 C16
- 3329 MOLINO, V. Importancia de la reina en la producción de la miel. Agrario 9(356): 7. Feb. 28, 1945. 9.3 Ag85
- 3330 \*MORGENTHALER, O. Ruhr! Behandlung und verwertung stark verschmutzter waben. Schweiz. Bienen Ztg. 68: 168-169. Apr. 1945. 424.8 Sch9
- 3331 MORSE, G. D. Does reversing prevent swarming? Gleanings Bee Cult. 73: 188, 241. May 1945. 424.8 G47
- 3332 NEWELL, R. E. Some points to consider in selecting a queen. Amer. Bee J. 85: 156, 165. May 1945. 424.8 Am3
- 3333 NEWELL, R. E. A substitute for package bees. Canad. Bee J. 53: 74. May 1945. 424.8 C16  
Over-wintering nuclei.
- 3334 NIEB, L. C. Help package bees to produce. Beekeepers Mag. 7(6): 17-18. Jan. 1945. 424.8 M58
- 3335 ONION odour aid to decoy wild swarms. By Gubeshe. Farmer [Pietermaritzburg] 33(16): 14. Apr. 21, 1944. 24 F227
- 3336 PHILLIPS, E. F. To bee or not to bee. Esso Farm News 4(3): 6-8. May 1945. 6 Es72  
Principles of colony management.
- 3337 FOR QUE se pierden colonias. By Columela. Fomento monthly, 2(15): 16, 23. Jan. 1945. 8 F734
- 3338 POTTER, E. Seasonal management of Dadant hives. Beekeepers Mag 7(10): 11-12. May 1945. 424.8 M58
- 3339 PREPARE a reception for wild swarms. By Gubeshe. Farmer [Pietermaritzburg] 34(13): 10. Mar. 30, 1945. 24 F227



- 3340 QUEENLESS hives. By Gubeshe. Farmer [Pietermaritzburg] 33(1): 6. Jan. 7, 1944. 24 F227
- 3341 RAISING good queens is a simple method. By Gubeshe. Farmer [Pietermaritzburg] 34(7): 10. Feb. 16, 1945. 24 F227
- 3342 ROBERTS, J. F. The best method of rearing first-class queens. Australasian Beekeeper 46: 130-131. Jan. 15, 1945. 424.8 Au72
- 3343 \*SCHNEIDER, H. Die karbolsäure als be-säfftigungsmittel. Schweiz. Bienen Ztg. 68: 18-19. Jan. 1945. 424.8 Sch9
- Use of carbolic acid in quieting bees.
- 3344 SINGLETON, A. Spring management. West. Canada Beekeeper 8(5): 6. May 1945. 424.8 W525
- 3345 \*STEIMER, G. Dies und das aus beobachtungen bei standbesuchen. Schweiz. Bienen Ztg. 68: 62-66. Feb. 1945. 424.8 Sch9
- Fundamentals of colony management.
- 3346 TAYLOR, E. Por el campo de la apicultura. Campo [Buenos Aires] 29(341): 44-46. Mar. 1945. 9 C15
- Swarming: its nature and causes.
- 3347 TINSLEY, J. The rearing of queen bees. West of Scot. Agr. Col. B. 145, 15 p. Glasgow, 1944. 103 G46W
- 3348 TONS of honey - a big bee business. By Gubeshe. Farmer [Pietermaritzburg] 33(5): 10. Feb. 4, 1944. 24 F227
- Improved management of colonies results in greater yields.
- 3349 TONTZ, C. Bundles of bees [package bees]. Crown 34(5): 22-23. May 1945. 389.8 C88
- 3350 THE USE and abuse of queen-excluders. By Gubeshe. Farmer [Pietermaritzburg] 33(44): 10, 16. Nov. 3, 1944. 24 F227
- 3351 UTILISING uninvited wild swarms. By Gubeshe. Farmer [Pietermaritzburg] 33(14): 7. Apr. 7, 1944. 24 F227
- 3352 \*WEGMANN, F. Der frühtrachtimker. Schweiz. Bienen Ztg. 68: 114-123. Mar. 1945. 424.8 Sch9
- Spring management of honeybee colonies.
- 3353 WHY BEES leave home - they become demoralised. Farmer [Pietermaritzburg] 33(17): 16. Apr. 28, 1944. 24 F227
- Advice on colony management.
- 3354 \*WIDMER-MÖSLE, U. Völkerverluste im vergangenen winter. Schweiz. Bienen Ztg. 68: 131. Mar. 1945. 424.8 Sch9
- 3355 WILD bees come swarming "out of the blue." By Gubeshe. Farmer [Pietermaritzburg] 33(12): 10. Mar. 21, 1944. 24 F227
- 3356 WILD swarms on the way. By Gubeshe. Farmer [Pietermaritzburg] 33(8): 7. Feb. 25, 1944. 24 F227
- 3357 WILLIAMS, G. R. Destroying queen cells may be bad practice. Amer. Bee J. 85: 204-205. June 1945. 424.8 Am3
- See also Honey and Beeswax in Agricultural Products section.

## ARACHNIDA, MYRIAPODA, ETC.

- 3358 BELL, J. F. The infection of ticks (Dermacentor variabilis) with Pasteurella tularensis. J. Infect. Dis. 76: 83-95. Mar./Apr. 1945. 448.8 J821
- 3359 BRENNAN, J. M. Field investigations pertinent to Bullis fever; preliminary report on the species of ticks and vertebrates occurring at Camp Bullis, Texas. Tex. Rpts. Biol. and Med. 3(1): 112-121. Spring 1945. Ref. 448.8 T31
- Amblyomma americanum is the only important vector.
- 3360 BRYANT, E. B. The Argiopidae of Hispaniola. Harvard U. Mus. Compar. Zool. B. 95: 359-418. May 1945. Ref. 500 H26B
- Includes 27 n. spp. and 3 n. g.
- 3361 CARTER, A. This bug is a Borgia [Dermacentor variabilis]. Frontiers 9: 132-134, 160. June 1945. 410 F92
- 3362 CHAMBERLIN, R. V. On some millipeds from Saipan. Wash. Biol. Soc. Proc. 58: 33-37. May 7, 1945. 500 W272
- Phagostrophus riseri n. sp.; Saipanella marianna n. g., n. sp.
- 3363 COOLEY, R. A., and KOHLS, G. M. The Argasidae of North America, Central America and Cuba. Amer. Midland Nat. Monog. 1, 152 p. Notre Dame, Ind. U. Press, 1944. 500 Am3
- 3364 CURRAN, C. H. Ticks - a menace to animal life. Nat. Hist. 54: 212-215. May 1945. 500 N483J
- 3365 CURRAN, C. H. Ticks and human welfare. Nat. Hist. 54: 283-285. June 1945. 500 N483J
- Discusses tick-borne diseases.
- 3366 ELMES, B. G. T. DDT treatment of mange (scabies) in rabbits. Lancet [London] 248: 563. May 5, 1945. 448.8 L22
- Caused by Notoedres sp. and Psoroptes sp.
- 3367 EWING, H. E. Mites of the United States Antarctic Service Expedition 1939-1941. Amer. Phil. Soc. Proc. 89(1): 296. Apr. 30, 1945. 500 P533
- 3368 HENRY. Quelques formules de bains pour le traitement de la gale. Terre Maroc. 15(183): 8-9. Feb. 1945. 24 T44
- Dips for sheep.
- 3369 JAMES, L. Red mites [Dermanyssus gallinae], now lead to red ink later. Cackle and Crow 27(7): 6. May 1945. 47.8 C11
- 3370 MCGREGOR, E. A. A new genus and species [Monoceronychus californicus] of tetranychid mite from California. Wash. Ent. Soc. Proc. 47: 100-102. Apr. 1945. 420 W27
- 3371 MILLAN, H. H. Eficiencia de un Servicio. Agr. Venezol. 9(103/104): 48. Nov./Dec. 1944. 9.95 Ag8
- Refers to the campaign against Boophilus annulatus under the direction of the Ministerio de Agricultura y Cría.
- 3372 MULAİK, S. New mites in the family Caeculidae. Utah U. B., v. 35, No. 17, 23 p. Mar. 15, 1945. (Biol. ser., v. 8, No. 6.) 442.8 Utl
- Ten new spp. in the genus Caeculus.
- 3373 NELSON, S. E. Playing tag with ticks [Dermacentor]. The female carries two dreaded diseases [tularemia and Rocky Mountain spotted fever]. Country Guide 64(5): 30. May 1945. 7 G76
- 3374 NORRIS, K. R. Experimental determination of the influence of the red-legged earth mite (Halotydeus destructor) on a subterranean clover pasture in Western Australia. Austral. Council Sci. and Indus. Res. B. 183, 36 p. Melbourne, 1944. Ref. 9.5 Ag8B
- 3375 PEATTIE, D. C. Spider silk - Wonder-stuff of nature. Nature Mag. 38: 289-292, 330. June/July 1945. 409.6 N214
- 3376 SCHUBART, O. Os diplonodotes de Pirassungua. Acta Zool. Lilloana 2: 321-440. 1944. Ref. 410 Ac82
- Includes 27 n. spp. and 5 n. g.
- 3377 SOLOMON, M. E. Tyroglyphid mites [Acaridae] in stored products; methods for the study of population density. Ann. Appl. Biol. 32: 71-75. Feb. 1945. Ref. 442.8 An72
- 3378 TAYLOR, E. L. Acaricidal property of a new insecticide, hexachlorobenzene [1,2,3,4,5,6 hexachlorocyclohexane]. Nature [London] 155: 393-394. Mar. 31, 1945. 472 N21
- Effective against Notoedres sp.
- 3379 TAYLOR, E. L. Benzenehexachloride. A promising new acaricide. Vet. Rec. 57: 210-211. May 5, 1945. 41.8 V641
- Tests with 1,2,3,4,5,6 hexachlorocyclohexane using Notoedres muris as a test animal.



- 3380 TIEGS, O. W. The post-embryonic development of *Hanseniella agilis* (Symphyla). Q. J. Micros. Sci. 85: 191-328. Mar. 1945. Ref., p. 315-316. 440.3 Q2
- 3381 WANG, Y. M. A preliminary report on Chilopoda at Ishan, Kwangsi and Meitan, Kweichow. N. Y. Ent. Soc. J. 53: 63-67. Mar. 1945. 420 N48J
- 3382 WOODMAN, L. H. Red mite *Paratetranychus pilosus*; requires specific control. Amer. Fruit Grower 65(5): 13, 27. May 1945. 80 G85
- COLEOPTERA
- 3383 ALLEN, A. A. *Globicornis nigrives* F. (Col., Dermestidae) rediscovered in Windsor Forest and reinstated as British. Ent. Monthly Mag. 71: 84-85. Apr. 1945. 421 En86
- 3384 B., C. O. Japanese beetle *Popillia japonica*; control. Rural New-Yorker 104: 254. May 5, 1945. 6 R88
- 3385 BAYFORD, E. G. The generic names of British Carabidae (Coleoptera). Ent. Monthly Mag. 71: 95. Apr. 1945. 421 En86
- Discusses previous paper by Dr. K. G. Blair.
- 3386 \*BENILLOCH, M. El "cigarrero" *Byctiscus betulae*, de la vid. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 36, No. 30, 4 p. Aug. 1944. 15 H68
- 3387 BERGAMIN, J. A broca do café *Hypothenemus* [i. e. *Stephanoderes*; *hampei*] (Ferrari 1867). São Paulo (State). Supt. des Serv. do Café. B. 19: 1384-1394. Dec. 1944. Ref. 68.29 Sa63
- 3388 BIGGS, H. E. J. Two new species of Coleoptera (Scarabaeidae and Meloidae) from Persia. Ent. Monthly Mag. 81: 110-111. May 1945. 421 En86
- Articaphala phasmella* n. sp., *Analus mellicolor* n. sp.
- 3389 BIRCH, L. C., and SNOWBALL, J. G. The development of the eggs of *Rhizopertha dominica* Fab. (Coleoptera) at constant temperatures. Austral. J. Expt. Biol. and Med. Sci. 23: 37-40. Mar. 1945. 442.8 Au7
- 3390 BIRCH, L. C. The influence of temperature on the development of the different stages of *Calandra oryzae* [i. e. *Sitophilus oryzae*] and *Rhizopertha dominica* Fab. (Coleoptera). Austral. J. Expt. Biol. and Med. Sci. 23: 30-35. Mar. 1945. 442.8 Au7
- 3391 BLACKWELDER, R. E. Checklist of the Coleopterous insects of Mexico, Central America, the West Indies, and South America. Pt. 2-3. U. S. Natl. Mus. B. 185, p. 189-550. Washington, 1944, 1945. 500 Sm65B
- 3392 BOYER, C. A. The control of virus diseases on stone fruits and the Japanese beetle situation. Mich. State Hort. Soc. Ann. Rpt. (1944) 74: 86-90. 1945. 81 M58
- 3393 BRANTLEY, C. O. Let's stop Japanese beetle *Popillia japonica*! South. Home and Gard. 12(12): 17. June 1945. 80 So824
- 3394 BRANTLEY, C. O. Thoughts on Jap beetle *Popillia japonica*; control. Amer. Fruit Grower 65(5): 32. May 1945. 80 G85
- 3395 BROMLEY, S. W. Work of rustic borers *Xylotrechus colonus*. Horticulture 23: 248. May 1, 1945. 80 H787
- 3396 BRUNER, S. C. El picudo negro del platano *Cosmopolites sordidus*. Agronomía [Habana] 5: 47-52. Mar. 1945. 8 G893
- 3397 \*CLAVIER CORREA, D. I. "El barrenillo" *Anobium pertinax*, en la madera de roble y la "anelación" en los arboles como medio profiláctico contra su invasión. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 36, No. 31, 4 p. Aug. 1944. 15 H68
- 3398 COLLINS, F. S. "Not the slightest fear of flea beetle." Farmers Weekly [London] 22(19): 31. May 11, 1945. 10 F2226
- Advocates use of "P.P." flea beetle dust.
- 3399 \*COUTINHO, M. C. P. A luta contra a "altica da videira" [*Altica ampelophaga*]. Agros [Lisboa] 27: 52-57. Mar./Apr. 1944. 15.5 Ag82
- 3400 DALLAS, E. D. Diagnósis preliminar de una nueva variedad de *Calosoma retusum* (F.). Rev. Argentina de Ent. 2(4): 5-6. Sept. 30, 1944. 421 R327
- C. retusum* *proseni* n. var.
- 3401 DAVIAULT, L. Influence de températures constantes sur la vitesse de développement des nymphes du *Phyllophaga anxia*. Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 100. 517 M76
- 3402 DAVIAULT, L. Notes sur la biologie et le parasitisme du ver blanc *Phyllophaga anxia*. Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 100. 517 M76
- 3403 DILLON, L. S., and DILLON, E. S. Revision of the tribe Pachypezini (Coleoptera, Cerambycidae). Brooklyn Ent. Soc. B. 40: 11-27. Feb. 1945. 420 B79
- New spp. *Helvina lypera*; *Pachypeza phegea*; *P. joda*.
- 3404 DONISTHORPE, H. Coleoptera at Lamton, Middlesex. Ent. Rec. and J. Variation 57: 40-41. (To be cont.) Apr. 1945. 421 En89
- 3405 DUFFY, E. A. J. Observations on *Aromia moschata* L. (Col. Cerambycidae). Ent. Monthly Mag. 71: 87-88. Apr. 1945. 421 En86
- 3406 DURÁN M., L., and OLALQUIAGA FAURE, G. Plantas huéspedes del bruco común del frejol *Acanthoscelides obtectus*, determinadas en el valle de Limache. Chile. Dir. Gen. de Agr. Téc. 4: 230-244. Dec. 1944. Ref. 464.9 Q432B
- 3407 FENDER, K. Studies in the Cantharidae, II (Coleoptera). Canad. Ent. 77: 37-39. Feb. 1945. 421 C16
- Podabrus* spp.; *Malthodes hirsutotibialis* n. sp.
- 3408 FENDER, K. M. Notes on the species of *Podabrus* of Oregon and Washington (Coleoptera, Cantharidae). Pan-Pacific Ent. 21: 77-80. Apr. 1945. 421 F193
- Includes *P. lanei* n. sp.
- 3409 FISHER, W. W. New beetles of the family Eucnemidae from Central America and the West Indies. U. S. Natl. Mus. Proc. 96: 79-93. 1945. 500 Sm65P
- New spp. in: *Temillus*; *Neodiapodius* n. g.; *Dromaeolus* 2; *Fornax* 2; *Plesiofornax*; *Farsus*; *Arrhipis* 2; *Dirhagus*; *Hylotastella* n. g.; *Nematodes*.
- 3410 \*GALVÃO, J. M. Mais uma praga dos olivais: o caruncho ou *Phileotribus scarabaeoides* - Bernard. Agros [Lisboa] 27(1): 10-17. Jan./Feb. 1944. 15.5 Ag82
- 3411 GETSON, S. F. Preventing borer damage in lumber. Family Herald and Weekly Star 76(6): 10. Feb. 7, 1945. 7 F21
- 3412 \*GOIS, E. R. Algumas considerações sobre a família "Ipidae." Agros [Lisboa] 27(1): 36-38. 40. Jan./Feb. 1944. 15.5 Ag82
- 3413 GUNSON, M. M. The meiotic phase of *Calandra oryzae* [i. e. *Sitophilus oryzae*]. Q. J. Micros. Sci. 85: 107-116. Mar. 1945. Ref. 440.3 Q2
- 3414 HAWLEY, I. M., and DOBBINS, T. N. The distribution and abundance of the Japanese beetle *Popillia japonica* from 1935 through 1943, with a discussion of some of the known factors that influence its behavior. N. Y. Ent. Soc. J. 53: 1-20. Mar. 1945. Ref. 420 N48J
- 3415 HINTON, H. E. Descriptions of two new species of *Elsianus* Sharp [*E. peruvianus*, *E. amazonicus*], with a key to the graniger species-group (Col., Elmidae). Ent. Monthly Mag. 71: 90-92. Apr. 1945. 421 En86
- 3416 HINTON, H. E. New and little known species of *Microcylloepus* (Coleoptera, Elmidae). Entomologist 78: 57-61. Apr. 1945. 421 En8
- Includes *M. dolon* n. sp., *M. nomia* n. sp.
- 3417 KEVAN, K. The Coleoptera of an Edinburgh garden. Ent. Monthly Mag. 81: 112-113. May 1945. 421 En86



- 3418 KUSCHEL, G. Aportes entomológicos I. (Curculionidae). Soc. Cient. Argentina. An. 139(3): 120-136. Mar. 1945. 516 Sol  
New spp. in: Brachystylodes; Eurymetopus 3; Opseotapinotus 3.
- 3419 MALLORY, A. R. The sweet clover weevil *Sitona cylindricollis*. West. Canada Beekeeper 8 (5): 10. May 1945. 424.8 W525
- 3420 MARTÍNEZ, A. Insectos nuevos o poco conocidos - II. Rev. Argentina de Ent. 2(4): 34-40. Sept. 30, 1944. 421 R327  
Includes *Anomiopsis pereirai* n. sp., preliminary description, *Anomiopsis bilobum schaefferi* n. var.
- 3421 MASSEE, A. M. *Aromia moschata* L. (Col. Cerambycidae). Ent. Monthly Mag. 71: 88. Apr. 1945. 421 En86
- 3422 MILNE, L. J., and MILNE, M. J. We watch beetles. Nat. Hist. 54: 256-259, 290. June 1945. 500 N483J
- 3423 OTALORA, A. Conozcamos los enemigos de los árboles frutales. Coleopteros - El cucarrón *Chrysobothris femorata*. Vida Rural 6(68): 10-11. Mar. 1945. 9.4 V66
- 3424 OTOYA, F. J. El cucarrón o escarabajo *Rhynchophorus palmarum*, que ataca las plamas de coco en la zona del Caribe. Colombia. Min. de la Econ. Nac. Agricultura 16: 1215-1219. Dec. 1944. 9.4 In22
- 3425 PETHERBRIDGE, F. R., and DILLON WESTON, W. A. R. Flea beetles. Gt. Brit. Min. Agr. Agriculture 52: 37-39. Apr. 1945. 10 G79J
- 3426 PROSEN, A. F. Coleópteros anormales. Rev. Argentina de Ent. 2(4): 21-26. Sept. 30, 1944. 421 R327
- 3427 REYNOLDS, J. M. On the inheritance of food effects in a flour beetle, *Tribolium destructor*. Roy. Soc. London. Proc. Ser. B, Biol. Sci. 132: 438-451. Apr. 10, 1945. Ref. 501 L84B
- 3428 RITCHER, P. O. Notes on *Phyllophaga barda* (Horn) with a description of the larva (Coleoptera: Scarabaeidae). Wash. Ent. Soc. Proc. 47: 97-99. Apr. 1945. 420 W27
- 3429 ROBERT, F. A. Coléoptères les plus significatifs du comté d'Abitibi. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 99. 517 M76
- 3430 ROCHA LIMA, H. DA. O sombreamento dos cafezais e o Instituto Biológico. Biológico 11: 45-47. Feb. 1945. 442.8 B529  
*Stephanoderes hampei*.
- 3431 SANDERSON, M. W. A new North American species of *Lithocharis* [*L. ardenus*] (Coleoptera: Staphylinidae). Wash. Ent. Soc. Proc. 47: 94-97. Apr. 1945. 420 W27
- 3432 SCHWEIG, K. An experiment in dusting peas against *Bruchus pisorum*. (In Hebrew.) Hassadeh 25: 198-200. Mar. 1945. 26 H27
- 3433 SEEVERS, C. H. New genera and species of Trichopseniinae from American and Australian termite nests (Coleoptera, Staphylinidae). Pan-Pacific Ent. 21: 63-72. Apr. 1945. 412 P193  
New spp. in: *Mastopsenius* n. g. 2; *Megaxenistusa* n. g. 2; *Trichopsenius* 3.
- 3434 SHORROCK, R. W. Damage to peas: be ready for these pests [*Bruchus pisorum*]. N.F.U. Rec. 23: 153. May 1945. 281.8 N21
- 3435 STEPHENS, J. A. *Aromia moschata* L. (Col. Cerambycidae) associated with sound willows in Kent. Ent. Monthly Mag. 71: 88. Apr. 1945. 421 En86
- 3436 STEVENIN, A. *Calosoma retusum* Fabr. var. *dallasi* nov. var. y *C. argentinense* anormal. Rev. Argentina de Ent. 2(4): 12-14. Sept. 30, 1944. 421 R327
- 3437 WEDDELL, J. A. The banana weevil borer *Cosmopolites sordidus*. Queensland Agr. J. 60: 85-89. Feb. 1, 1945. 23 Q33
- 3438 WERNER, F. G. A revision of the genus *Epicauta* in America north of Mexico (Coleoptera, Meloidae). Harvard U. Mus. Compar. Zool. B. 95: 421-517. May 1945. 500 H26B  
New spp.: *E. ventralis*, *E. solani*, *E. balli*.  
*E. californica* n. n. for *Lytta maura* Leconte. Rejected sp.: *E. levettei* Casey.
- 3439 WILLIAMS, J. L. The anatomy of the internal genitalia of some Coleoptera. Wash. Ent. Soc. Proc. 47: 73-91. Apr. 1945. Ref. 420 W27

## DIPTERA

- 3440 ADDIS, C. J. *Phlebotomus* [i. e. *Flebotomus*] (*Dampfomyia*) *anthophorus*, n. sp., and *Phlebotomus diabolicus* Hall from Texas (Diptera: Psychodidae). J. Parasitol. 31: 119-127. Apr. 1945. 448.8 J824
- 3441 ALEXANDER, C. P. Records and descriptions of neotropical crane-flies (Tipulidae, Diptera), XIX. N. Y. Ent. Soc. J. 53: 49-61. Mar. 1945. 420 N48J  
New spp. in: *Brachypremna*; *Tanypremna*; *Limonia* 2; *Helius* 2; *Oxydiscus*; *Neognomophyia*; *Gnomophyia* 2.
- 3442 ALEXANDER, C. P. Records and descriptions of North American crane-flies (Diptera). Pt. V. Tipuloidea of the Grand Teton National Park and Teton National Forest, Wyoming. Amer. Midland Nat. 33: 391-439. Mar. 1945. 510 M58  
New spp. and forms in: *Trichocera*; *Tipula* 9; *Dicranota* 2; *Limnophila* 3; *Gonomyia*; *Erioptera*; *Ormosia*; *Molophilus* 2.
- 3443 ANDERSON, R. C. A study of the factors affecting fertility of lozenge females of *Drosophila melanogaster* [i. e. *ampelophila*]. Genetics 30: 280-296. May 1945. Ref. 442.8 G28
- 3444 BAINBRIDGE FLETCHER, T. *Cylindrotoma distinctissima*, Meigen, bred (Dipt.: Timulidae). Ent. Rec. and J. Variation 57: 46. Apr. 1945. 421 En89
- 3445 BEQUAERT, J. An unusual occurrence of *Lynchia americana* (Leach) (Diptera: Hippoboscidae). Brooklyn Ent. Soc. B. 40: 30. Feb. 1945. 420 B79
- 3446 BLANCHARD, E. E. *Dallasiomyia bosqi*, nuevo género y especie de triquiopodino (Dipt. Gymnosomatidae). Rev. Argentina de Ent. 2(4): 7-11. Sept. 30, 1944. 421 R327
- 3447 BOLÍVAR PIELTAIN, C. La mosca mexicana de las frutas (*Anastrepha ludens*) y las plantas a que ataca. Ciencia 6: 128-129. Mar. 27, 1945. 475 C48
- 3448 BROWN, E. S. *Trunheoneura sublugubris* (Wood) (Dipt., Phoridae) in wasps' nest. Ent. Monthly Mag. 81: 119. May 1945. 421 En86  
Probably bred in detritus at the base of nest.
- 3449 CARPENTER, G. D. H. Observations on the courtship of the timulid fly *Thrynticomys anicalis* Wied. Ent. Monthly Mag. 81: 100. May 1945. 421 En86
- 3450 CORTES P., R. Algunos generos goninos de taquinidos chilenos (Dipt., Tachinidae). Chile. Dir. Gen. de Agr. Agr. Téc. 4: 115-124. Dec. 1944. 464.9 Q432B  
Includes *Chaetocraniopsis obliteratus* n. sp., *Chaetocnephalia innupta* n. sp., *Araucosimus superbus* n. sp.; makes *Valpogonia Townsend* a synonym of *Chaetocraniopsis*.
- 3451 CORTES P., R. Las especies chilenas del genero *Sturmia* R. D. (Dipt., Tachinidae). Chile. Mus. Nac. de Hist. Nat. B. 22: 159-167. 1944. 516 C43B  
Includes: *S. festiva* n. sp.; *S. insignis* (Wuln) n. comb. for *Masicera insignis*.
- 3452 CORTES P., R. Nuevo nombre generico para un taquinido de la Republica Argentina (Dipt., Tachinidae). Acta Zool. Lilloana 2: 255-257. 1944. 410 Ac82  
Erects the genus *Alexogloblinia* and makes *Metonomuscopteryx shannoni* Aldrich the genotype.
- 3453 CRAGG, J. B. "D.D.T." as a sheep blowfly din. Nature [London] 155: 394. Mar. 31, 1945. 472 N21  
Tests with *Phaenicia sericata*.



- 3454 DE VRIES, A. H. Controlling blowfly infestation. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 113, 20. Pretoria, 1945. 24 So82Pa
- 3455 FROST, S. W. Spurious veins in the wings of *Euxoprosopa fasciata* Macq. (Diptera). Ent. News 56: 104-106. Apr. 1945. 421 En88
- 3456 \*GIL COLLADO, J. Los reznos de los caballos [*Gasterophilus* spp.]. Agricultura [Madrid], 14: 128-132. Mar. 1945. 15 Ag84
- 3457 GOLDSCHMIDT, R. B. Evolution of mouth parts in Diptera; a counter critique. Pan-Pacific Ent. 21: 41-47. Apr. 1945. Ref. 421 P193  
Discusses criticism by G. F. Ferris of statements by C. Villee.
- 3458 HARDY, G. H. Australian Stratiomyidae II. Tribe Myxosargini. Roy. Soc. Queensland. Proc. (1943) 55: 11. 1944. 514 B775
- 3459 HARDY, G. H. On flies [*Ceriodides* spp.] that fold their wings. Ent. Monthly Mag. 71: 93-94. Apr. 1945. 421 En86
- 3460 HARE, J. E. Flying stage of the deer lousefly, *Lipoptena depressa* (Say), in California (Diptera, Hippoboscidae). Pan-Pacific Ent. 21: 48-57. Apr. 1945. Ref. 421 P193
- 3461 HERTIG, M., and FISHER, R. A. Control of sandflies [*Phlebotomus*, with DDT. U. S. Army Med. Dept. B. 88, p. 97-101. May 1945. 152.9 Ar52
- 3462 JOHNSON, A. S. Flyproof head for field use. U. S. Bur. Med. and Surg. U. S. Nav. Med. B. 44: 1079-1081. May 1945. 153.45 Un3  
For field latrines.
- 3463 \*KIRSSANOW, B. A. Translocation process in inert and active regions of chromosomes in *Drosophila melanogaster* [i. e. *ampelophila*]. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 45: 31-34. Oct. 10, 1944. 511 P444
- 3464 LEES, A. D., and PICKEN, L. E. R. Shape in relation to fine structure in the bristles of *Drosophila melanogaster* [i. e. *ampelophila*]. Roy. Soc. London. Proc. Ser. B, Biol. Sci. 132: 396-423. Apr. 10, 1945. 501 L84B
- 3465 MCCARTHY, M. D. Chromosome studies on eight species of Sciara (Diptera) with special reference to chromosome changes of evolutionary significance. II. Amer. Nat. 79: 228-245. (Cont.) May/June 1945. 470 Am36
- 3466 \*MARGALEF LÓPEZ, R. Notas sobre quironomidos [*Tendipedidae*]. III. (Ins. Dipt.). Graellsia 2: 165-181. Dec. 1944. 421 G75
- 3467 MESA CARRIÓN, F. La lucha contra la mosca del Mediterráneo [*Ceratitis capitata*]. Asoc. Rural del Uruguay. Rev. 72(1/2): 28. Feb. 1945. 9.9 As5
- 3468 MORLEY, C. Diptera in winter. Ent. Monthly Mag. 81: 99-100. May 1945. 421 En86
- 3469 MORRIS, K. R. S. A large-scale experiment in the eradication of tsetse (*Glossina palpalis* and *G. tachinoides*). Farm and Forest 5: 149-156. Dec. 1944. 24 F226
- 3470 \$100,000 premium makes the heel fly [*Hypoderma* spp.] perfectly named. Plantation Stockman 2(9): 13, 40, 42. May 1945. 49 P69
- 3471 PRICE, W. A. The hessian fly [*Phytophaga destructor*]. Ky. Agr. Col. Ext. Timely Notes on Soils and Crops 2: 20-21, processed. Apr. 1945. 275.29 K415T
- 3472 RAPP, W. F., JR. Check-list of Psychodidae of South and Central America. N. Y. Ent. Soc. J. 53: 21-30. Mar. 1945. 420 N48J
- 3473 REINHARD, H. J. New genera and species of North American Tachinidae (Diptera). Canad. Ent. 77: 28-36. Feb. 1945. 421 C16  
New spp. in: *Myioclonia* n. g. 3; *Lixophaga*; *Myiopharus* 2; *Trypseromyia* n. g. 2; *Stenoneura* n. g.; *Cloacina* n. g.; *Nimiloglossa* n. g. 2.
- 3474 SCOTT, H. Chlorooid flies swarming round a fragrant Clematis. Ent. Monthly Mag. 81: 97. May 1945. 421 En86  
*Chloronisca notata* around *Clematis paniculata*.
- 3475 SHEPHERD, T. L. Warble fly [*Hypoderma* spp.] control from a rancher's point of view. Canad. Hereford Digest 3(1): 15, 30-31. Mar. 1945. 43.8 C164
- 3476 SHILLINGER, J. E. Grubs [*Wohlfartia* vi-gil] in mink. Amer. Fur Breeder 17(11): 14, 16. May 1945. 410 Am33
- 3477 SNELL, T. The head grub [*Oestrus ovis*] in sheen. N. Mex. Stockman 10(4): 20-21, 22. Apr. 1945. 49 N462
- 3478 STALKER, H. D. On the biology and genetics of *Scaptomyza graminum* Fallen (Diptera, Drosophilidae). Genetics 30: 266-277. May 1945. 442.8 G28
- 3479 STURTEVANT, A. H. A gene in *Drosophila melanogaster* [i. e. *ampelophila*]. Genetics 30: 297-299. May 1945. 442.8 G28
- 3480 VILLEE, C. A. Phenogenetic studies of the homoeotic mutants of *Drosophila melanogaster* [i. e. *ampelophila*]. Amer. Nat. 79: 246-258. May/June 1945. 470 Am36
- 3481 WARD, R., MELNICK, J. L., and HORSTMANN, D. M. Poliomyelitis virus in fly-contaminated food collected at an epidemic. Science 101: 491-493. May 11, 1945. 470 Sci2
- 3482 WEBSTER, J. D. Intestinal myiasis with *Lucilia*. J. Parasitol. 31: 151. Apr. 1945. 448.8 J824  
Unidentified sp. from Italian prisoner of war.
- 3483 WHITING, A. R. Effects of X-rays on hatchability and on chromosomes of *Habrobracon* [i. e. *Microbracon*] eggs treated in first meiotic prophase and metaphase. Amer. Nat. 79: 193-227. May/June 1945. 470 Am36
- 3484 WILLIAMS, C. R. Prolongation of larval-pupal development in *Drosophila melanogaster* [i. e. *ampelophila*] and its effect on facet number. Amer. Nat. 79: 259-270. May/June 1945. 470 Am36

## Culicidae

- 3485 BISHOP, E. L., and GARTRELL, F. E. Permanent works for the control of anophelines on impounded waters. (A preliminary report with particular reference to the Kentucky Reservoir of the Tennessee Valley Authority). Natl. Malaria Soc. J. 3: 211-219. Sept. 1944. 448.9 N213
- 3486 CHANDLER, A. C. Factors influencing the uneven distribution of *Aedes aegypti* in Texas cities. Amer. J. Trop. Med. 25: 145-149. Mar. 1945. 448.8 Am33
- 3487 \*EICHLER, W. Anopheles-beobachtungen in Griechenland. Deut. Tropenmed. Z. 48: 261-272. June 1944. 440.8 Ar22
- 3488 FARNER, D. S. A new species of *Aedes* [A. hensilli] from the Caroline Islands (Diptera, Culicidae). Wash. Biol. Soc. Proc. 58: 59-61. May 7, 1945. 500 W272
- 3489 HAAS, V. H. Inoculation of chick embryos with sporozoites of *Plasmodium gallinaceum* by inducing mosquitoes [*Aedes aegypti*] to feed through shell membrane. Pub. Health Rpts. 60: 185-188. Feb. 16, 1945. 151.65 P96
- 3490 HESS, A. D., and KIKER, C. C. Water level management for malaria control on impounded waters. Natl. Malaria Soc. J. 3: 181-196. Sept. 1944. 448.9 N213  
Methods used by Tennessee Valley Authority to prevent breeding of *Anopheles quadrimaculatus*.
- 3491 HUFFAKER, C. B., and BACK, R. C. A study of the effective flight range, density, and seasonal fluctuations in the abundance of *Anopheles quadrimaculatus* Say in Delaware. Amer. J. Trop. Med. 25: 155-161. Mar. 1945. 448.8 Am33
- 3492 KRUSE, C. W., HESS, A. D., and METCALF, R. L. Airplane dusting for the control of *Anopheles quadrimaculatus* on impounded waters. Natl. Malaria Soc. J. 3: 197-209. Sept. 1944. 448.9 N213
- 3493 LOMAX, J. The air permeability of mosquito netting. Textile Inst. J. 36: T60-T66. Mar. 1945. 73.9 T31



3494 PARKER, W. V., and JOHNSON, H. A. A universal type concrete slab for precast ditch linings. Pub. Health Rpts. 60: 582-587. May 25, 1945. 151.65 P96

For mosquito control ditches.

3495 RECTOR, N. H. Selection of anti-mosquito methods to fit specific malaria control programs. Natl. Malaria Soc. J. 3: 221-226. Sept. 1944. 448.9 N312

3496 ROZEBOOM, L. E., and HESS, A. D. The relation of the intersection line to the production of *Anopheles quadrimaculatus*. Natl. Malaria Soc. J. 3: 169-179. Sept. 1944. 448.9 N213

3497 TAYLOR, F. H. The intermediary hosts of malaria in the Netherlands East Indies, with notes on the distribution of malaria by R. E. Murray. Sydney. U. School Pub. Health and Trop. Med. Serv. P. 5 (ed. 2), 100 p. Glebe, N. S. Wales, 1944. Ref. 448.9 Sy2

*Anopheles* spp. as vectors.

#### HEMIPTERA (HETEROPTERA AND HOMOPTERA)

3498 BAINBRIDGE FLETCHER, T. Rediscovery of *Hallodanus montandoni*, Reuter 1895 (Hem.: Miridae). Ent. Rec. and J. Variation 57: 43-44. Apr. 1945. 421 En89

3499 CALDWELL, J. S. Neotropical lanternflies of the genus *Phrictus* in the United States National Museum, with descriptions of four new species. U. S. Natl. Mus. Proc. 96: 177-184. 1945. 500 Sm65F

3500 CAMPBELL, R. E. Cabbage aphid [*Brevicoryne brassicae*]. Calif. Cult. 92: 268, 270. May 12, 1945. 6 C12

3501 CARTER, W. The influence of plant nutrition on susceptibility of pineapple plants to mealybug wilt. Phytopathology 35: 316-323. May 1945. 464.8 P56

Differences in fertilizer application failed to increase susceptibility to toxin from *Pseudococcus brevipes*, but adverse conditions did increase susceptibility to a second wilting.

3502 CARTER, W. Some etiological aspects of mealybug wilt. Phytopathology 35: 305-315. May 1945. 464.8 P56

Discusses susceptibility of pineapple plants to toxin from *Pseudococcus brevipes*.

3503 CHAGNON, G., and FOURNIER, ABBÉ O. Contribution à l'étude des Hémiptères aquatiques de la province de Québec. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 99. 517 M76

3504 CHAMPLAIN, A. B. The mysterious seventeen year locust [*Magicalcaca septendecim*]. Pa. Game News 16(1): 10-11, 19. Apr. 1945. 412.9 P38Pe

3505 DEVOE, A. The water-strider [Gerridae]. Amer. Mercury 60: 620-624. May 1945. 110 Am35

3506 FENNAH, R. G. Characters of taxonomic importance in the pretarsus of Auchenorrhyncha (Homoptera). Wash. Ent. Soc. Proc. 47: 120-128. May 1945. 420 W27

3507 FENNAH, R. G. The Fulgoroidea, or lanternflies, of Trinidad and adjacent parts of South America. U. S. Natl. Mus. Proc. 96: 411-520. 1945. 500 Sm65F

Includes 47 n. spp., 9 n. g., and *Epormenis Fennah* n. n. for *Ormenis* Metcalf.

3508 FENNAH, R. G. New lanternflies (Fulgoroidea) from South America. U. S. Natl. Mus. Proc. 96: 95-104. 1945. 500 Sm65F

New spp. in: *Pintalia* 7; *Iquitosa* n. g.; *Ateson* 2.

3509 INDIA. DEPT. OF COMMERCE. Lac in India. India. Dent. Com. Booklet 9, 9 v. Bombay, n. d. 280.9 In277

*Laccifer lacca* and the production of lac.

3510 JENSEN, D. D. Notes on the synonymy, nymphs and distribution of *Heteropsylla texana* Crawford (Homoptera, Psyllidae). Pan-Pacific Ent. 21: 74-76. Apr. 1945. Ref. 421 P193

3511 LOSADA S., B. Que son las cochinillas de los citrus, (naranjos, limoneros, mandarineros, etc.) y como se combaten. Colombia. Estac. Agr. Expt. de Palmira. B. 3, 8 p., processed. Apr. 19, 1943. 102.5 FL8BoL

Reprinted, with illustrations, in Rev. Agr. y Canad. 8(88): 19-21; (89): 8-9. Oct./Nov., Dec. 1944. 9.4 R327

3512 LOVERIDGE, A. Cicadas of Africa confirm Cicero. Frontiers 9: 154-155, 159. June 1945. 410 F92

3513 MALTAIS, J. B. Résistance relative de certaines variétés de pois aux attaques du puceron *Illinoia* [i. e. *Macrosiphum*], pisi par rapport à la teneur en azote total de la sève. (Abs.) Assoc. Canad.-Franç. pour l'Avanc. des Sci. Ann. (1945) 11: 107. 517 M76

3514 PIRONE, P. P. The 17-year locusts [*Magicalcaca septendecim*] are back again. Home Gard. 5 (5): 47-48. May 1945. 80 H756

3515 ROMNEY, V. E. The effect of physical factors upon catch of the beet leafhopper (*Eutettix tenellus* (Bak.)) by a cylinder and two sweep-net methods. Ecology 26: 135-147. Apr. 1945. 410 Ec7

3516 SAILER, R. I. A new name for *Acantholoma* Stål (Hemiptera: Scutelleridae). Wash. Ent. Soc. Proc. 47: 135. May 1945. 420 W27

*Acantholomidea* proposed as new name.

3517 SAILER, R. I. Note concerning *Solubea postposita* Bergroth, 1914 (Heteroptera: Pentatomidae). Wash. Ent. Soc. Proc. 47: 136. May 1945. 420 W27

Declared a synonym of *S. poecila* (Dallas).

3518 SAILER, R. I. The status of *Corimelaena* White, 1839, *Eucoria* Mulsant and Rey, 1865, and *Allocoris* McAtee and Malloch, 1933 (Heteroptera: Pentatomidae). Wash. Ent. Soc. Proc. 47: 129-135. May 1945. Ref. 420 W27

3519 SAMPSON, W. W. Five new species of Aleyrodidae from California (Homoptera). Pan-Pacific Ent. 21: 58-62. Apr. 1945. 421 P193

New spp. in: *Aleyrododes*; *Tetralicia* 2; *Trialeurodes* 2.

3520 SANKEY, J. H. P. Observations on *Pentatoma rufipes* L. (Hem., Pentatomidae) on cherry trees. Ent. Monthly Mag. 71: 86-87. Apr. 1945. 421 En86

3521 SHUCK, B. R. A new locality for *Trypanosoma cruzi* in Arizona. J. Parasitol. 31: 151. Apr. 1945. 448.8 J824

Infected *Triatoma* spp. collected from the Tres de Mayo Mine near Nogales.

3522 TAYLOR, T. H. C. Recent investigations of *Antestia* species in Uganda. Pt. 1. East African Agr. J. 10: 223-233. Apr. 1945. 24 Ea74

3523 TORRES J., G. A. El gas cianhídrico empleado como control de la *Saissetia* [S. oleae] en olivos. Unión Agr. del Sur 3(16): 27-29. Mar. 1945. 9.3 Un3

3524 WALSH, G. B. The bean aphid (*Aphis fabae* Scop.) and the spindle tree (*Euphymus europaeus* L.). Ent. Monthly Mag. 71: 78. Apr. 1945. 421 En86

3525 WILSON, H. F. Pea aphids [*Macrosiphum pisi*] may be high! Recommended control materials and practices for this season. Food Packer 26(6): 55-57. May 1945. 286.83 C165

#### HYMENOPTERA

3526 BEIRNE, B. P. *Acoelius myrrhia* sp. n. and *Myiocephalus boops* Wesmael (Hym., Braconidae) from Ireland. Ent. Monthly Mag. 81: 106-108. May 1945. 421 En86

3527 BENSON, R. B. *Emphytus basalis* (Klug) and some other interesting British sawflies (Hym., Symphyta). Ent. Monthly Mag. 81: 101-103. May 1945. Ref. 421 En86

3528 BENSON, R. B. Sawflies [Tenthredinoidea] represented in the mainland of Britain by two races (Hym., Symphyta). Ent. Monthly Mag. 81: 103-105. May 1945. 421 En86



- 3529 BLANCHARD, E. E. Dos nuevas especies de agaonidos argentinos. Acta Zool. Lilloana 2: 301-305. 1944. 410 Ac82  
New spp.: *Blastophaga argentinensis*; *B. cabrerai*.
- 3530 CEBALLOS, G. Las hormigas. II. Graellsia 2: 133-140. Oct. 1944. 421 G75
- 3531 CUSHMAN, R. A. The ichneumon-flies of the genus *Cyrtanura* Brullé, mainly tropical American. U. S. Natl. Mus. Proc. 96: 139-176. 1945. 500 Sm65P  
Includes 30 n. spp.; *Cremmocyrtus* n. g.; 8 n. comb.
- 3532 D., S. W. How to get rid of ants in the garden. Pop. Gard. 47: 77. May 5, 1945. 80 G1622
- 3533 DONISTHORPE, H. A new species of *Triglyphothrix* Forel [T. pulcherrima] (Hym., Formicidae) from Uganda with some notes on the genus. Ent. Monthly Mag. 71: 76-77. Apr. 1945. 421 En86
- 3534 DURÁN M., L. Un enemigo natural [Metaphycus lounsburyi, de la Saissetia oleae, (Bern.) nuevo para Chile. Chile. Dir. Gen. de Agr. Agr. Téc. 4: 255-256. Dec. 1944. 464.9 C432B
- 3535 GROSCH, D. S. The relation of cell size and organ size to mortality in *Habrobracon* [i. e. Microbracon]. Growth 9: 1-17. Mar. 1945. 442.8 G91
- 3536 MACNAMARA, C. A note on the swarming of *Solenopsis molesta* Say (Hymenoptera). Canad. Ent. 77: 40. Feb. 1945. 421 C16
- 3537 MARCUS, H. Estudios mirmecológicos. I-III. Acta Zool. Lilloana 2: 259-284, 307-320, 441-445. 1944. 410 Ac82  
Contents: I. Estudio comparado de la articulación mandibular en las hormigas y termitas; II. La respiración de las hormigas; III. La base anatomica del olfato topográfico.
- Summaries: French for I-II; German for I-III.
- 3538 MUELLO, A. C. Las hormigas. Pampa Argentina 19(210): 6-7. Feb. 1945. 9 P19
- 3539 MUNRO, J. A. Wheat stem sawfly [Cephus cinctus, and harvest loss. N. D. Agr. Expt. Sta. Bimo. B. 7(4): 12-16. Mar./Apr. 1945. 100 N813B
- 3540 NIBLETT, M. British gall-causing Cynipidae. - IV. Entomologist 78: 72-74. May 1945. 421 En8
- 3541 PAU, P. The carnivorous habits of the adult wasp, *Odynerus dorsalis* Fab. Brooklyn Ent. Soc. B. 40: 29-30. Feb. 1945. 420 B79
- 3542 ROSS, H. H. A taxonomic outline of the Nearctic species of *Pachynematus* (Tenthredinidae, Hymenoptera). Wash. Ent. Soc. Proc. 47: 105-120. May 1945. 420 W27  
Includes 8 n. spp.
- 3543 SCHUSTER, R. M. A new species of *Pseudomethoca* [P. olgae, (Mutillidae) from the West Indies. Brooklyn Ent. Soc. B. 40: 7-8. Feb. 1945. 420 B79
- 3544 SCOTT, H. Rainfall in relation to scarcity or abundance of wasps (Hym., Vespididae). Ent. Monthly Mag. 81: 97-98. May 1945. 421 En86
- 3545 SEAMANS, H. L. A preliminary report on the climatology of the wheat stem sawfly (*Cephus cinctus* Nort.) on the Canadian prairies. Sci. Agr. 25 (7): 432-457. Mar. 1945. 7 Sci2
- 3546 WALSH, G. B. Causes of abundance or scarcity of wasps (Hym., Vespididae). Ent. Monthly Mag. 71: 89. Apr. 1945. 421 En86  
Chiefly *Vespaula vulgaris* L.
- 3547 YISRAELIT, H. Wasps crossing the Kinnereth. (In Hebrew.) Hassadeh 25: 201. Mar. 1945. 26 H27
- See also Apiculture and Apis mellifera.
- 3549 ALLAN, P. B. M. Oviposition of *Achlya flavicornis*, L. Ent. Rec. and J. Variation 57: 45. Apr. 1945. 421 En89
- 3550 ALLEN, W. L. Codling moth [Carpocapsa pomonella], in 1944. Peninsula Hort. Soc. Trans. (1944) 58: 17-19. 81 P37
- 3551 ARMSTRONG, T. Ethylene dichloride for the control of peach tree borer [Sanninioides exitiosa]. Canad. Hort. & Home Mag. Growers' Ed. 68: 122. May 1945. 80 C16
- 3552 BARCHILÓN, J. El bicho de cesto [Oiketicus kirbyi], enemigo del árbol. Chacra 15(174): 36-37, 77. Apr. 1945. 9 C34
- 3553 BAYNE, A. F. Un ejemplar anormal de *Colias lesbia* F. Rev. Argentina de Ent. 2(4): 63. Sept. 30, 1944. 421 R327
- 3554 BEIRNE, B. P. The Lepidoptera of Shetland. Ent. Rec. and J. Variation 57: 37-40. Apr. 1945. 421 En89
- 3555 BENITEZ MORERA, A. Los medios de defensa de los insectos. Graellsia 2: 155-163. Oct. 1944. 421 G75  
Lepidoptera.
- 3556 EL BICHO de cesto (*Oeceticus* [i. e. *Oiketicus*, kirbyi Guild.). Campo [Buenos Aires, 29(341): 28-29, 58. Mar. 1945. 9 C15
- 3557 BOURQUIN, F. Metamorfosis de *Automeris couthila* Dognin 1908 (Lep. Hemileucidae). Acta Zool. Lilloana 2: 285-291. 1944. 410 Ac82  
French summary.
- 3558 BOURQUIN, F. Observaciones complementarias sobre la metamorfosis de *Eurota igniventris* Burm., 1878 (Lep. Euchromiidae). Rev. Argentina de Ent. 2(4): 27-30. Sept. 30, 1944. 421 R327
- 3559 BOYD, W. M. Notes on the potato tuber moth - *Gnorimoschema* (*Phthorimaea*) *perculella* (Zell.) in New Jersey. N. Y. Ent. Soc. J. 53: 68. Mar. 1945. 420 N48J
- 3560 BRANN, J. L. The use of dusts for codling moth [Carpocapsa pomonella], control. N. Y. State Hort. Soc. Proc. (1945) 90: 210-213. 81 N484
- 3561 BREYER, A. Algunas observaciones de migraciones de lepidópteros en la República Argentina durante la primavera de 1943 y verano de 1944. Rev. Argentina de Ent. 2(4): 45-48. Sept. 30, 1944. 421 R327
- 3562 BREYER, A. Un ejemplar anormal de *Eurota jorgenseni* Orfila. Rev. Argentina de Ent. 2(4): 64. Sept. 30, 1944. 421 R327
- 3563 BROWN, F. M. Notes on Mexican butterfly-flies. V. N. Y. Ent. Soc. J. 53: 31-46. Mar. 1945. 420 N48J
- 3564 CHANDLER, S. C. Codling moth [Carpocapsa pomonella], prospects for 1945. Ill. State Hort. Soc. News Let., No. 3, p. 1-2. May 1945. 81 I16N
- 3565 CHIU, S. F., and LI, C. S. Observations on the life histories of the paddy borer (*Schoenobius incertellus* Walker [i. e. *incertulas* (Walker)] and the rice striated borer (*Chilo simplex* Butler) at Kweitao, Kukong, Kwangtung. Agr. Assoc. China, J.. No. 178, p. 51-58. Dec. 1944. 22.5 Ag862  
Text in Chinese. English summary, p. VII.
- 3566 COCKAYNE, E. A. The genetics of *Sterrhra aversata*, L., ab. *amoenata*, Fuchs. Ent. Rec. and J. Variation 57: 41-43. Apr. 1945. 421 En89
- 3567 COMSTOCK, W. P. Viola Harriet dos Passos and her North American moths. N. Y. Ent. Soc. J. 53: 47-48. Mar. 1945. 420 N48J
- 3568 CORFE, C. E. Two moths from one cocoon. Canad. Field Nat. 58: 191. Nov./Dec. 1944. 410.9 Ot8  
*Automeris* io.
- 3569 CUMMINGS, M. B. The inch worm. Rural New-Yorker 104: 278. May 19, 1945. 6 R88  
*Alsophila pomataria*, *Palearctica vernata*.
- 3570 DANNREUTHER, T. Migration records, 1944. Entomologist 78: 49-56. Apr. 1945. 421 En8  
Lepidoptera.

## LEPIDOPTERA

- 3548 ALBINO BRIDAROLLI, R. P. Lepidópteros anormales. Rev. Argentina de Ent. 2(4): 31-33. Sept. 30, 1944. 421 R327



- 3571 DARLINGTON, E. P. Notes on some Microlepidontera. Ent. News 56: 89-93. Apr. 1945. 421 En88
- 3572 DARLOW, H. M. Observations on the butterflies of Ceylon. Entomologist 78: 69-71. May 1945. 421 En8
- 3573 DE WORMS, C. G. M. Further notes on *Oria musculosa* in the Salisbury District. Entomologist 78: 65-66. May 1945. 421 En8
- 3574 FORBES, W. T. M. The basic classification of the Lepidoptera. (Abs.) Wash. Ent. Soc. Proc. 47: 103-104. Apr. 1945. 420 W27
- 3575 FORBES, W. T. M. The genus *Phyciodes* (Lepidoptera, Nymphalinae). Ent. Amer. 24: 139-206. Oct. 1944. 420 B792
- 3576 FREEMAN, H. A. Notes on some Hesperiidae, with new records for the United States (Lepidoptera, Rhopalocera). Ent. News 56: 102-104. Apr. 1945. 421 En88
- 3577 GATES, F. H. Oriental fruit moth [*Grapholitha molesta*] found in Colorado. Green Thumb 2(2): 20-22. Mar. 1945. 80 G82
- 3578 GAUTHIER, G. Pour vaincre la pyrale [*Pyrausta nubilalis*], brûlez jusqu'au dernier "coton." Terre de Chez Nous 17(29): 27. Apr. 18, 1945. 7 T27
- 3579 \*GOMES, J. A. P. Uma praga das amendoeiras *Aglaopis infausta* L. (lagarta da amendoeira). Portugal. Junta Nac. das Frutas. B. 4(7): 9-13. (To be cont.) July 1944. 286.3939 P83
- 3580 GORHAM, R. P. Lepidoptera (moths) taken in and near Fredericton, N. B. Acadian Nat. 2(5): 52-66. May 1945. 410.9 N42A
- 3581 GRAHAM, C. Codling moth [*Carpocapsa pomonella*], control by DDT sprays. Peninsula Hort. Soc. Trans. (1944) 58: 20-24. 81 P37
- 3582 HAMILTON, D. W. Some reasons for the severe increase in codling moth [*Carpocapsa pomonella*] injury in eastern New York in 1944. N. Y. State Hort. Soc. Proc. (1945) 90: 207-210. 81 N484
- 3583 HARMAN, S. W. The codling moth [*Carpocapsa pomonella*], becomes a Statewide problem. During past 20 years pest has spread into all apple-growing sections - new control measures under test, including possibilities of DDT. Farm Res. N. Y. State Sta. 11(2): 3-4. Apr. 1, 1945. 100 N48A
- 3584 HARMAN, S. W. Codling moth [*Carpocapsa pomonella*], control with dusts and sprays. N. Y. State Hort. Soc. Proc. (1945) 90: 46-53. 81 N484
- 3585 HEINRICH, C. The genus *Fundella* Zeller: a contribution toward a revision of the American Pyralidoid moths of the family Phycitidae. U. S. Natl. Mus. Proc. 96: 106-113. 1945. 500 Sm6aP  
Includes *F. ignobilis* n. sp.
- 3586 HESLOP HARRISON, J. W. The foodplants [*Salix* spp.] of *Pheosia tremula*, Cl. Ent. Rec. and J. Variation 57: 45. Apr. 1945. 421 En89
- 3587 HESLOP HARRISON, J. W. An occurrence of polyhedral disease in *Chimabache fagella* F. (Lep., Cecophoridae). Ent. Monthly Mag. 71: 77. Apr. 1945. 421 En86
- 3588 HESLOP HARRISON, J. W. The preferred food-plant of *Peronena hastiana* L. (Lep., Tortricidae) in the Isle of South Uist. Ent. Monthly Mag. 71: 78. Apr. 1945. 421 En86  
*Salix aurita* L.
- 3589 HOUGH, W. S. Codling moth [*Carpocapsa pomonella*], control developments in Virginia. N. Y. State Hort. Soc. Proc. (1945) 90: 190-194. 81 N484
- 3590 HOWELL, O. B. Look who's holding the bag [*Psychidae*], South. Home and Gard. 12(11): 21. May 1945. 80 So824
- 3591 JARY, S. G., and ROLFE, W. W. The leek moth [*Acrolepis assectella*]. Gt. Brit. Min. Agr. Agriculture 52: 35-37. Apr. 1945. 10 G79J
- 3592 MCEWIN, H. Codlin moth [*Carpocapsa pomonella*], control. Tasmanian Fruitgrower & Farmer 21, i. e. 30(260): 9. Feb. 15, 1945. 23 T185
- 3593 MICHAEL, P. Moths at sugar substitutes. Entomologist 78: 62-63. Apr. 1945. 421 En8
- 3594 NEWMAN, L. H. *Hyloicus minastri* double brooded in captivity. Entomologist 78: 61-62. Apr. 1945. 421 En8
- 3595 PORTER, B. A. New insecticides for codling moth [*Carpocapsa pomonella*], control. Peninsula Hort. Soc. Trans. (1944) 58: 24-29. 81 P37
- 3596 R-S., W. The Whitehouse collection sale: fourth portion. Entomologist 78: 75-76. May 1945. 421 En8  
British Lepidoptera from the collection of Sir Beckwith Whitehouse.
- 3597 REBOUR, H. La production des citrons d'été et la teigne [*Prays citri*]. Fruits et Primeurs de l'Afrique du Nord. Ed. Maroc. 15: 54. Mar. 1945. 80 F9482
- 3598 REYES F., E. El gusano del tomate [*Protonarce* spp.] y su combate. Agr. Mex. 60(10): 29-30. Oct. 1944. 8 Ag8
- 3599 S., H. L. Combating corn ear worm [*Heliothis armigera*]. Rural New-Yorker 104: 254. May 5, 1945. 6 R88
- 3600 SHEWELL-COOPER, W. E. Caterpillar [*Pieris rapae*?], campaign now due. Poultry World 76: 223. May 11, 1945. 47.8 P8682
- 3601 STEINER, H. M. Experiences with additives to lead arsenate in codling moth [*Carpocapsa pomonella*], control. N. Y. State Hort. Soc. Proc. (1945) 90: 195-207. 81 N484
- 3602 TAYLOR, E. Abnormal segmentation in a larva of *Apatele psi* L. (Lep., Agrotidae). Ent. Monthly Mag. 81: 109. May 1945. 421 En86
- 3603 TURNER, A. J. A revision of the Australian Nolidae (Lepidoptera). Roy. Soc. Queensland. Proc. (1943) 55: 13-50. 1944. 514 B77r  
New spp. in: *Celama* 33; *Sorcostia*; *Nola* 8; *Aedemon* n. g.; *Soathontila* n. g.; *Zia*. New g.: *Idiocyttara*.
- 3604 TURNER, H. J. The British Noctuae (i. e. Phalaenidae) and their varieties. Ent. Rec. and J. Variation 57(4, sup.): 185-188. (Cont.) Apr. 1945. 421 En89
- 3605 ULLYETT, G. C. Control of the karoo caterpillar [*Loxostege frustralis*]. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 102, 2 p. Pretoria, 1945. 24 So82Pa  
Biological control of pest of the karoo-bush.
- 3606 URETA R., E. La familia Saturniidae (Heterocera) en Chile. III. Chile. Mus. Nac. de Hist. Nat. B. 22: 49-64. 1944. 516 C43B  
Includes *Cinommata bistrigata izquierdoi* n. ab.
- 3607 WEEKS, R. P. Fight moths. Family Herald and Weekly Star 76(15): 43. Apr. 11, 1945. 7 F21  
Clothes moths.
- 3608 WHEELER, G. *Boloria arsilache* (so-called) and its position in the genus. Entomologist 78: 67-68. May 1945. 421 En8
- 3609 WHEELER, L. R. Reputed mimicry in *Pareronia valeria*, Cr.: considered with reference to other Indo-Australian Pieridae. Ent. Rec. and J. Variation 57: 45-46. Apr. 1945. 421 En89
- 3610 WIGHTMAN, A. J. *Amathes agathina*, ab. virgata, ab. nov. Ent. Rec. and J. Variation 57: 47. Apr. 1945. 421 En89
- 3611 WILDAKAS, W. Planning the fight against the European corn borer [*Pyrausta nubilalis*], in the North Central States. N. D. Agr. Exot. Sta. Bimo. B. 7(4): 29-31. Mar./Apr. 1945. 100 N813B
- 3612 WILSON, G. F. The leopard moth [*Zeuzera pyrina*]. Roy. Hort. Soc. J. 70: 148-150. May 1945. 84 L84J

See also Sericulture and the Silkworm.



## ORTHOPTERA

3613 ABBOTT, R. L. A grasshopper sets forth to become a full-grown hopper - a rare accomplishment in the world of his kind. Nat. Hist. 54: 288-289. June 1945. 500 N483J

3614 BLANDING, H. W. Crickets as thermometers. Horticulture 23: 246. May 1, 1945. 80 H787  
Formula for determining temperature by number of cricket chirps per minute.

3615 CANIZO, J. DEL. Plagas eventuales. Cigarrones [Pecticus albifrons; y chicharras [Platystolus martinezi]. Agricultura [Madrid] 14: 114-117. Mar. 1945. 15 Ag84

3616 DDT FOR the control of roaches. U. S. Army Med. Dept. B. 89, n. 16-17. June 1945. 152.9 Ar52

3617 HENRY, G. M. Diogenes lanka, sp. nov. (Insecta, Orthoptera, Tettigoniidae). Ceylon J. Sci. Sect. B, Zool. 22: 183-186. Oct. 16, 1944. 410 C33

3618 HENRY, G. M. Facial asymmetry in Eumastacidae (Orthoptera, Acridoidea). Ceylon J. Sci. Sect. B, Zool. 22: 191. Oct. 16, 1944. 410 C33

3619 HENRY, G. M. Note on the behaviour of Orthotyphus rugifrons (Waterhouse) (Orthoptera, Acridoidea, Eumastacidae). Ceylon J. Sci. Sect. B, Zool. 22: 193-195. Oct. 16, 1944. 410 C33

3620 HENRY, G. M. An organ of unknown function in some Pseudophyllinae (Orthoptera, Tettigoniidae). Ceylon J. Sci. Sect. B, Zool. 22: 189. Oct. 16, 1944. 410 C33

3621 HENRY, G. M. Reflex bleeding in Sathrophyllia rugosa (L.) (Insecta, Orthoptera). Ceylon J. Sci. Sect. B, Zool. 22: 187-188. Oct. 16, 1944. 410 C33

3622 LIEBERMANN, J. El alotipo hembra de Neuquenina fictor Rehn (Orth. Acrid. Cyrtacant. Aucas). Rev. Argentina de Ent. 2(4): 65-71. Sept. 30, 1944. 421 R327

3623 WAKELAND, C. Plain talk on hoppers. Ariz. Farmer 24(9): 10, 16. May 5, 1945. 6 Ar44  
Poison bait for grasshoppers.

## SERICULTURE AND THE SILKWORM

3624 FLETCHER, F. C. Sericulture, its successes and failures. Ward's Nat. Sci. B. 18: 73-75. (To be cont.) June 1945. 410 W21

3625 EL GUSANO de seda; sus características - evolución y desarrollo - cuidados - alimentación - reproducción. Chacra 15(174): 64-65. Apr. 1945. 9 C34

3626 HINE O'LEARY, E. El problema de la organización de la sericultura en Costa Rica. Agr. Costarricense 3: 70-71. (To be cont.) Feb. 1945. 8 Ag895

## SMALLER ORDERS

3627 BURR, M. Is Labia minor double-brooded? Ent. Rec. and J. Variation 57: 37. Apr. 1945. 421 En89

3628 CRAWFORD, J. C. A new genus and species [Bolbothrips aztecus, of Thripinae from bulbs (Thysanoptera: Thripidae). Wash. Ent. Soc. Proc. 47: 92-94. Apr. 1945. 420 W27

3629 DAVIS, D. E. The control of rat fleas (Xenopsylla cheopis) by DDT. Pub. Health Rpts. 60: 485-489. May 4, 1945. 151.65 P96

3630 FRASER, F. C. Migration of Odonata. Ent. Monthly Mag. 71: 73-74. Apr. 1945. 421 En86

3631 FRENCH, C. To combat earwigs [Dermaptera]. Victorian Nat. 61: 210. Apr. 1945. 41C V66

3632 GLANCE, G. Collembola of the United States Antarctic Service Expedition 1939-1941. Amer. Phil. Soc. Proc. 89(1): 294. Apr. 30, 1945. 500 P533

3633 JELLISON, W. L. Siphonaptera: the genus Oropsylla in North America. J. Parasitol. 31: 83-97. Apr. 1945. Ref. 443.8 J822

3634 RICHARDSON, B. H. Thrips [Scirtothrips citri], control for Coachella Valley citrus orchards. Calif. Citrog. 30(7): 215. May 1945. 80 C125

3635 RONEY, J. N. Thrips [Scirtothrips citri], in citrus groves killed by spray or sulphur. Ariz. Farmer 24(9): 4. May 5, 1945. 6 Ar44  
Tartar emetic spray or sulfur dust.

3636 TULENKO, P. Q. A sure-fire and little-known natural bait. Mo. Conserv. 6(5): 4-5, 15. May 1945. 279.8 M69

Corydalis spp. as fish bait.

3637 WILLINER, G. J. Cecilidos nuevos (Corrodentia: Ceciliidae). Acta Zool. Lilloana 2: 293-299. 1944. 410 Ac82

New spp.: Caecilius canei; C. descolei; C. rodriquezi.

3638 WILLINER, G. J. Un psocóptero critico. Rev. Argentina de Ent. 2(4): 41-44. Sept. 30, 1944. 421 R327

Transfers Elipsocus sticticus Nav. to the genus Philotarsus.

3639 WOLCOTT, G. N. Phenol as a termite repellent. Science 101: 444. Apr. 27, 1945. 470 Sci2

3640 WYGODZINSKY, P. Sobre um novo género e uma nova especie de Machilidae do México (Thysanura). Ciencia 6: 108-110. Mar. 27, 1945. 475 C48  
Meximachilis dampfi n. g., n. sp.

## Anoplura and Mallophaga

3641 GORRIE, C. J. R. Significance of lice on fowls - Various treatments. Stock and Land 35(12): 3. Mar. 21, 1945. 49 St63

3642 GOWA, J. H. Las enfermedades parasitarias de la piel del cerdo. Agr. Mex. 60(10): 1-6. Oct. 1944. 8 Ag8

Effects of lice on swine.

3643 MUNRO, J. A., and KNAPP, R. Effect of DDT on cattle lice. N. D. Agr. Expt. Sta. Bimo. B. 7(4): 21. Mar./Apr. 1945. 100 N813B

3644 OGLE, R. C. Time to delouse [poultry]. Breeder's Gaz. 110(6): 21. June 1945. 49 B74

## AGRICULTURAL ENGINEERING

## GENERAL

3645 ALLENDE, O. Accidentes en las máquinas picadoras de pasto. Unión Agr. del Sur 3(16): 18-19. Mar. 1945. 9.3 Un3

3646 BELL, L. J. Your own weighbridge. Farmers Weekly [London] 22(20): 28. May 18, 1945. 10 F2226

3647 BROWN, T. Safeguarding mechanized farming. Farm Safety Rev. 3(3): 3-5. May/June 1945. 449.8 F22

3648 COE, M. Farm safety week. Better Farming Methods 17(5): 24, 26. May/June 1945. 58.8 B46

3649 COULTER, G. T. How one county fights farm fires. South. Planter 106(5): 32-33. May 1945. 6 So89

3650 ERICSSON, C. O. Landsbygdens brandförsvar [Fire defense in the rural districts]. Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige och Gästrikland, No. 15, p. 3. Apr. 14, 1945. 11 J762

3651 HALL, F. L. Safety tips for the Women's Land Army. Farm Safety Rev. 3(3): 11-13, 15. May/June 1945. 449.8 F22

3652 JACKSON, R. J. Electronics in postwar agriculture. Agr. Engin. 26: 202. May 1945. 58.8 Ag83



- 3653 JOHNSON, G. N. Insect control in amphibious operations. U. S. Army Med. Dept. B. 88, p. 115-116. May 1945. 152.9 Ar62
- Describes power-driven insecticide sprayer. Used in Central Pacific to control insect disease vectors.
- 3654 LESAGE, W. Prévenons les accidents. B. des Agr. 41(4): 16-18. Apr. 1945. 7 B272
- 3655 MASSEY, G. F. Airplanes are implements in Arkansas. Farm Impl. News 66(9): 44-46, 48-49. Apr. 26, 1945. 58.8 F22
- 3656 NICHOLSON, A. Chore boy in a box; an experiment with the versatile handie talkie gives a preview of the way postwar portable radios could save time and money on the farm. Country Gent. 115(6): 18, 81-82. June 1945. 6 C833
- 3657 NICOL, M. J. How's your horse sense? Farm Safety Rev. 3(3): 7-10. May/June 1945. 449.8 F22
- 3658 RAGONDET, G. L. La radiotelefonía en la agricultura. Vinos, Viñas, y Frutas 40: 312-313. Feb. 1945. 9 Ag89
- 3659 SOBRERO, L. R. En la chacra moderna. Máquinas, herramientas y sugerencias prácticas. Pampa Argentina 18(200): 44. Apr. 1944. 9 P19
- 3660 TURNER, A. W. Federal agricultural engineering research. Agr. Engin. 26: 199-200, 201. May 1945. 58.8 Ag83
- 3661 WHITNEY, D. J. Rural fires preventable. Calif. Cult. 92: 249, 270. May 12, 1945. 6 C12
- FARM MACHINERY
- General
- 3662 BRINSER, A. Don't plow us under. Harper's Mag. 190: 665-672. June 1945. 110 H
- Financing the mechanization of small farms.
- 3663 BROWN, J. B. Co-op. implements drive exceeded expectations. Manitoba Co-op. 2(19): 8. May 1, 1945. 280.28 M31
- 3664 BURRELL, A. B. A sixteen nozzle swivel mounted spray gun for orchard use. N. Y. State Hort. Soc. Proc. (1945) 90: 126-130. 81 N484
- 3665 COOKSEY, A. E. Homemade contour farming level. South. Agr. 75(6): 17. June 1945. 6 So83
- 3666 CURRIE, C. R. Care and manipulation of farm implements. So. Austral. Dept. Agr. J. 48: 355-358. Mar. 1945. 23 So83
- 3667 EMERSON, A. W. New methods in terrace construction. Agr. Leaders' Digest 26(4): 38-39. Apr. 1945. 275.28 Am3
- 3668 FAIRBAIRN, L. L. Farmer and dealer see it through. Tractor Farming 28(1): 16-17. 1945. 58.8 T672
- 3669 FIKE, A. J. The place of the speed sprayer. Peninsula Hort. Soc. Trans. (1944) 58: 19-20. 81 P37
- 3670 FINDLAY, H. Man with the hoe is blind but these "seeing-eyes" tools enable him to develop his green thumb. South. Seedman 8(15): 15, 36. May 1945. 61.8 So8
- Garden tools for disabled veterans.
- 3671 FORD, W. H. This dealer did something toward modernization. Impl. & Tractor 60(9): 35. May 5, 1945. 58.8 W41
- 3672 "H., R. Det svenska jordbrukets maskinålder; bildreportage från ett rationellt mekaniserat storjordbruk [The machine age of Swedish agriculture; picture reporting from a scientifically mechanized large farm]. Lantmannen 29: 395-396. Apr. 28, 1945. 11 L234
- Description of large mechanized farm in Scania, southern Sweden; illustrated with photographs.
- 3673 HARRISON, G. R. Thousands of holes. Elect. on the Farm 18(5): 13-14. May 1945. 335.8 EL27
- Electric drill.
- 3674 HIGGS, G., WANNOP, A. R., and HURD, A. Winter: barn machinery. Gt. Brit. Min. Agr. Agriculture 52: 87-89. May 1945. 10 G79J
- Fifth discussion in a series of broadcasts entitled, On Your Metal.
- 3675 INGERSON, H. G. What is the speed sprayer. Canad. Hort. & Home Mag. Growers' Ed. 68: 91-92. Apr. 1945. 80 C16
- 3676 "ISACSON, B. Vana lantbruksundervisningsanstalter och maskinutbildningen [Our agricultural schools and machinery training]. Lantmannen 29: 356-357. Apr. 14, 1945. 11 L234
- A criticism of the insufficient training in care of machinery and equipment at agricultural schools.
- 3677 KEATING, L. A. The "plow-back" policy brings results. Farm Mach. and Equip., May 1945, p. 16. 58.8 F225
- To avoid inflation.
- 3678 KENNEDY, A. C. The teacher's farm shop; how to arrange and equip school farm shop. Better Farming Methods 17(5): 48, 50, 52-53. May/June 1945. 58.8 B46
- 3679 \*KLINKER, K. A. En praktisk och orbetsbesparande taggtrådsrulle [A practical and worksaving barbed wire roller]. Lantmannen 29: 251. Mar. 17, 1945. 11 L234
- Directions for the construction of barbed wire winder.
- 3680 KRANICK, F. Fulleys, chairs, sprocket wheels and bolts. Impl. & Tractor 60(9): 38, 69-70. May 5, 1945. 58.8 W41
- 3681 KRANICK, F. Power driven elevators save time and labor. Impl. & Tractor 60(8): 38, 54. Apr. 21, 1945. 58.8 W41
- 3682 LACHMAN, W. H. Nozzles for applying weed sprays. Mass. State Col. Ext. Mass. Com. Veg. Grower, May 1, 1945, p. 9-10, processed. 275.29 M361Mp
- 3683 \*M., H. Svenskdraget [The Swedish hitch]. Lantmannen 29: 357. Apr. 14, 1945. 11 L234
- 3684 MACGREGOR, J. J. Mechanization in the development of a West Midland farm. Roy. Agr. Soc. England. J. 105: 83-97. 1944. 10 R81
- 3685 MASSEY, G. F. Service down yonder in the Delta. How the Farmers' Tractor & Implement Co., Greenville, Miss., is set up to sell and service John Deere, Caterpillar and Rome plow tractors and implements with which cotton planters are mechanizing to reduce costs in a competitive fiber world. Farm Impl. News 66(10): 53-54. May 10, 1945. 58.8 F22
- 3686 NEWMAN, E. "If you're going to sell bell-ringing lines. Farm Impl. News 66(10): 42-43. May 10, 1945. 58.8 F22
- Post-war planning by implement dealers.
- 3687 ROPER, E. E. The scythe in the garden. Gard. Chron. 117: 206. May 12, 1945. 80 G162
- 3688 ROSE, P. S. Tools for tomorrow; implement designers are determined to furnish machines that will liberate the small farmer from drudgery, at a price he can afford to pay. Country Gent. 115(6): 12, 51. June 1945. 6 C833
- 3689 ROSS, F. A few tools will start a farm shop. Farm and Ranch 64(6): 16, 18. June 1945. 6 T31
- 3690 RUTHERFORD, D. M. Inside a clipper factory. Calif. Citrog. 30(7): 218-219. May 1945. 80 C125
- 3691 SNELL, T. W. Pump selection and maintenance. Spreckels Sugar Beet B. 9: 17, 18. May/June 1945. 66.8 Sp7
- 3692 SWITZER, W. M. Use the head to save the hands. Farmer-Stockman 53: 148. May 1945. 6 Ok45
- Labor-saving farm equipment.
- 3693 TAYLOR, W. R. Farmers produce labor savers. Agr. Leaders' Digest 26(4): 26-27. Apr. 1945. 275.28 Am3
- 3694 VINING, K. K. Cabbage maggot [Hylemya brassicae]; control made easy. Market Growers J. 74(5): 36. May 1945. 6 M34
- Describes new spray equipment.
- 3695 WARREN, S. W., and DARRAH, L. B. Costs of operating potato spray rings in 1944. N. Y. Agr. Col. (Cornell) A. E. 514, 8 p., processed. Ithaca, 1945. 281.9 C81
- 3696 WETZEL, G. F. Present day conceptions of bearing operation and fitting. Impl. & Tractor 60(9): 49, 60. May 5, 1945. 58.8 W41



3697 WILLIAMS, W. R. L. Prevention of frost damage in deciduous orchards. New Zeal. Dept. Agr. B. 232, 19 p. Wellington, 1944. 23 N48Bu

Equipment for preventing frost damage.

3698 WILSON, J. B. Extension work in farm machinery. Agr. Engin. 26: 201. May 1945. 58.8 Ag83

3699 WRIGHT, J. S. Farm implements and machinery. Roy. Agr. Soc. England. J. 105: 58-69. 1944. 10 R81

3700 YOUNG, P. F. Spraying problems and new developments in control equipment. N. Y. State Hort. Soc. Proc. (1945) 90: 115-121. 81 N484

3701 ZEHNER, W. H. Air blast and high pressure sprayer tests. N. Y. State Hort. Soc. Proc. (1945) 90: 122-126. 81 N484

#### Tillage Machinery

3702 \*A., J. An implement for thinning out carrots. (In Hebrew.) Hassadeh 25: 179. Mar. 1945. 26 H27

3703 \*GRADIN, H. Harvredskap för vårbruket [Harrow equipment for the spring tillage]. Försök och Forskning 2: 61-62. Apr. 1945. 11 F77

Various types of harrows.

3704 LOWE, R. The "Seaman" triple tiller. Farm Impl. and Mach. Rev. 71(841): 60-62. May 1, 1945. 58.8 Im72

3705 NORTON, R. A., and others. Plows testify again. Farm Sci. Rptr. 6(2): 3-6. Apr. 1945. 275.28 F22

G. M. Browning, C. A. Bower, and J. B. Davidson, joint authors.

#### Planting Machines and Fertilizer Distributors

3706 EMERSON, A. W. Native-grass seeders. Farm Impl. News 66(9): 26-28. Apr. 26, 1945. 58.8 F22

#### Harvesting, Threshing, Drying, and Processing Equipment

3707 ARMER, A. The future of mechanical harvest. Spreckels Sugar Beet B. 9: 20. May/June 1945. 66.8 Sp7

3708 ASHTON, H. New concepts for spun rayon yarns. (Excerpts.) Canad. Textile J. 62(9): 38, 48. May 4, 1945. 304.3 C16

Requirements of the spinning plant of the future in relation to fiber characteristics, machinery, and processing technique.

3709 BARRERA VILAR, J. Una nueva desfibradora en Yucatán. Sisal de Yucatán 6(62): 32-33. Feb. 1945. 73.8 S183

3710 BIERLY, I. R., and GUSTAFSON, A. F. New ideas in haymaking from New York farmers. Better Crops with Plant Food 29(4): 21-24, 39-40. Apr. 1945. 6 B46

3711 BUEHLER, L. Efficient refrigeration in the dairy plant. J. Milk Technol. 8: 85-88. Mar./Apr. 1945. 44.8 J824

3712 BUEHLER, L., JR. ABC's of plant refrigeration. N. Y. State Assoc. Milk Sanit. Ann. Rpt. (1944) 18: 17-18, 20, 22-24, 26, 28-30. 1945. 44.9 N4833

3713 CASHMORE, W. H. Combines - grain drying and storage. Roy. Agr. Soc. England. J. 105: 72-82. 1944. 10 R81

3714 THE CLEANING of milking machines. Victoria. Dept. Agr. J. 43: 121-125. Mar. 1945. 23 V66J

3715 COBURN, J. L. Mills meet quality demands through wider use of instruments. Amer. Dyestuff Rptr. 34: 217-220. May 21, 1945. 306.8 Am3

3716 CONNELLY, R. G. Forced ventilation hay driers. Jersey B. 64: 652-653, 708. May 20, 1945. 43.8 J48

3717 COOK, W. H. Some practical aspects of spray drying. (Abs.) Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers (1945) 1: 13-15. Jan./Feb. 1945. 389.9 C768

3718 DERR, E. B. A post-war fact: complete refrigeration on the farm. Tractor Farming 28(1): 7-8. 1945. 58.8 T672

3719 DESIGNING the wool room for efficiency. By "Jason." Past. Rev. 55: 186-188. Mar. 16, 1945. 23 Au75

Handling shorn wool.

3720 JAMES, T. A. Refrigerated transport by rail. (Extracts.) Food 14: 95-99. Apr. 1945. 389.8 F738

Refrigerator cars.

3721 EMERSON, A. W. The hay baler's place in soil conservation. Impl. & Tractor 60(9): 30-31, 62. May 5, 1945. 58.8 W41

3722 ERICKSON, E. L. The South Dakota seed blower. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 91-95, processed. 1945. 61.9 As7

3723 ESTY, J. R. Studies on cooling water contamination. Canning Trade 67(41): 16. May 7, 1945. 286.33 T67

Scientists of the Western Branch Laboratory of National Canners Association study various types of cooling in an effort to eliminate canned food spoilage due to bacterial contamination.

3724 FITZPATRICK, W. H., MCCONNELL, J. E., and ESSELEN, W. B., JR. Venting times for community cannery-type retorts. Canner 101(1): 16-18. (Cont.) June 2, 1945. 286.83 C16

3725 FORSTER, E. H. For best operation of the continuous ice cream freezer; not only must the continuous freezer be kept in good condition but the refrigerating equipment must be adequate for the economic production of ice cream. Canad. Dairy and Ice Cream J. 29(4): 53-54. Apr. 1945. 44.3 C162

3726 GARRIDO LOZIER, O. DE. Preparativos para la vendimia. Agrario 9(355): 15. Feb. 15, 1945. 9.3 Ag85

3727 GARRY, H. Making hay the easy way. Amer. Agr. 142: 198, 209. May 5, 1945. 6 Am3

3728 GUTHRIE, C. Home made waggon sweep. Family Herald and Weekly Star 76 (4): 14. Jan. 24, 1945. 7 F21

3729 HALL, D. M. Packing box becomes a food dryer. Agr. Leaders' Digest 26(4): 50. Apr. 1945. 275.28 Am3

3730 HARTMAN, W. F. Time saver in the vineyard. Wines & Vines 26(5): 17. May 1945. 95.8 C122

3731 HEALY, P. F. Zero in the kitchen. Pop. Mechanics Mag. 83(6): 51-55. June 1945. 291.8 P81

3732 HENDRIX, G. Making hay the easy way. Westerner 8(3, i.e. 4): 9-11. May 1945. 49 W522

3733 HIGBEE, H. W. A huller for clover heads. Amer. Soc. Agron. J. 37: 400-402. May 1945. 4 Am34P

3734 HOLMAN, G. Operation and maintenance of milk piping systems. Milk Plant Monthly 34(5): 26. May 1945. 44.8 C864

3735 KARPER, R. E. Harvesting grain sorghum. South. Agr. 75(5): 16. May 1945. 6 So83

3736 KEELING, J. Rice drier makes combine-harvesting adaptable. Ark. Agr. 23(1): 8. May 1945. 276.8 Ar42

3737 KLEIN, D. L. The good from the bad; highly accurate separations of good grains, cereals and nuts from bad particles and foreign materials can be made with specially developed equipment. This makes it possible to reclaim or recondition lots that otherwise must be discarded. Food Indus. 17: 498-500. May 1945. 389.8 F737

3738 KNOWLES, F. W. Screw conveyor converted to continuous contact freezer; refrigerant circulates in screw, as well as in jacket around conveyor tube. In addition to freezing fresh foods, it can be used to cool cooked foods to be frozen and fruits and berries to be barreled. Food Indus. 17: 502-503. May 1945. 389.8 F737

3739 LORENZ, F. W. Ranch egg cooling by refrigeration. Calif. Cult. 92: 300. May 26, 1945. 6 C12



- 3740 \*LUNDIN, H. Konservering av livsmedel genom torkning och snabbfrysning [Preservation of food by dehydration and quick freezing]. K. Lantbruksakad. Tidskr. 83: 519-546. 1944. 104 Sw3  
English summary, p. 545-546.  
Includes apparatus.
- 3741 MARTIN, A. The home freezer locker. Mont. Farmer 32(17): 14. May 1, 1945. 6 M764
- 3742 MARTIN, E. F. Electronic device defrosts frozen fruits. Ice Cream Field 45(5): 18, 20. May 1945. 389.8 Ic23
- 3743 MASSEY, G. F. A SP combine stamped awaits the rice dryer. Farm Impl. News 66(10): 64, 66, 68, 70, 72. May 10, 1945. 58.8 F22
- 3744 MASTERMAN, N. K. When you buy that freezer. Successful Farming 43(6): 42, 59. June 1945. 6 Sul2
- 3745 MILLAR, J. H. Cleaning and sterilizing dairy equipment. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 3. 2 W522W
- 3746 NEAL, J. H. Better hay at lower cost. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(6): 20, 43. June 1945. 6 P945G
- 3747 NEAL, J. H. Harvesting with a combine. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(5): 18, 61. May 1945. 6 P945G
- 3748 NETTO, F. A. Beneficiamento do leite; produção de vapor. Rev. dos Criadores 16(3): 45-46. (Cont.) Mar. 1945. 43.8 R32  
Production of steam in dairies. Its use in heating milk and in the sterilization of equipment.
- 3749 PARK, C. M. An engineering review of short-center drives with pivoted motor bases. Amer. Miller and Processor 73(5): 46, 48, 54, 60, 62, 64. May 1945. 298.8 Am32
- 3750 PRESTON, R. D., and WHEWELL, C. S. The prevention of fires in woollen mills processing wool in admixture with cotton or other cellulosic fibres. Textile Inst. J. 36: P36. Mar. 1945. 73.9 T31
- 3751 RENSCHAW, B. Cut hay with high carotene content, then mow-cure it. Prairie Farmer, Gen. Ed. 117(9): 14, 38. Apr. 28, 1945. 6 P833
- 3752 RUMLER, R. H. Easier ways with hay. Successful Farming 43 (5): 22-23. May 1945. 6 Sul2  
Nine suggestions and photographs on how to harvest hay with less work.
- 3753 RUSSELL, P. R. Crimson clover "comes clean"; dealer cleans and markets huge clover seed crop; increases farmers' purchasing power and opens market for modern farming equipment. Farm Mach. and Equip., May 1945, p. 12, 14. 58.8 F225
- 3754 SCHWARZKOPF, V. Factors affecting can washing. Natl. Butter and Cheese J. 36(5): 37, 56. May 1945. 286.85 B98Bu  
In handling milk.
- 3755 \*SHARMA, T. N. Advantages of larger package and bigger ring diameter. Indian Textile J. 55: 313-315. Feb. 1945. 304.8 In2  
Mills and milling.
- 3756 \*SHRIKHANDI, J. G. A pilot plant for the extraction of cane wax from press-mud. Indian Sugar 3: 42-45. Feb. 1945. 65.8 In25
- 3757 SLOSSER, J. W. Mechanical loaders. Agr. Engin. 26: 192. May 1945. 58.8 Ag83
- 3758 TURK, K. L. Cutting and curing hay for good feeding value. Dairymen's League News 29(11): 6, 16. May 22, 1945. 44.8 D1432
- 3759 TURK, K. L. Hay making investigations at Cornell. Dairymen's League News 29(12): 6. June 5, 1945. 44.8 D1432
- 3760 URSCHEL, W. E. Berries may be harvested by machines—if you grow the right kind of berry. West. Canner and Packer 37(6, 1. e. 5): 29. May 1945. 286.83 W522
- 3761 \*VASIL'EV, A. S., and MITL'UK, V. M. O vnedrenii zapravok v pervichnuju obrabotku l'na. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(4/5): 10-11. Apr./May 1943. 304.8 T23  
On adjusting equipment in flax processing for long fibers.
- 3762 WHITE, R. F. Power in the dairy. Dairy Indus. 10: 270-274. Apr. 1945. 44.8 D1427
- 3763 WHITTLESTON, W. G. Apparatus for the measurement of the rate of milk-ejection in the dairy cow. New Zeal. J. Sci. and Technol. Sect. A, Agr. 26: 252-257. Feb. 1945. 514 N48A
- 3764 WHITTLESTON, W. G. Some studies on the properties of rubber used in dairy equipment. New Zeal. J. Sci. and Technol. Sect. A, Agr. 26: 223-252. Feb. 1945. 514 N48A
- 3765 WILEMAN, R. H. Better hay by mow curing. Successful Farming 43(5): 19, 33-34. May 1945. 6 Sul2
- 3766 WILEMAN, R. H. Better hay in the barn mow curing improves quality and feed value. N. J. Farm and Gard. 16 (5): 20, 22. May 1945. 6 G162
- 3767 WILEMAN, R. H. Curing hay in the barn mow. Farmers Guide 101(10): 9. May 15, 1945. 6 In2
- 3768 WILLIAMS, G. P. Tactics in haymaking. Pa. Farmer 132: 280. May 12, 1945. 6 P383
- 3769 ZIEGLER, C. E. The postwar dairy machinery picture. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 13-14. 2 W522W
- 3770 ZIEGLER, P. R. What we may expect for dairy equipment in the post-war period. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 43-47. 44.9 V593
- Trucks, Tractors, and Other Farm Power (Including Fuels)
- 3771 ADAIR, W. Horse v. tractor economy. Farming News and North Brit. Agr. 97(20): 3. May 11, 1945. 10 N82
- 3772 BARKHAM, C. C. Let's talk about power. Amer. Miller and Processor 73(5): 41-42. May 1945. 298.8 Am32
- 3773 CHOUINARD, L. Cheval vs tracteur. Rev. d'Oka 19: 54-58. Mar./Apr. 1945. 7 Okl  
Extract of thesis.
- 3774 HOLDEN, A. E. Diesel cuts power costs 76%. Amer. Miller and Processor 73(5): 50-51. May 1945. 298.8 Am32
- 3775 LIMA, ESTACIÓN EXPERIMENTAL AGRÍCOLA DE LA MOLINA. El auto "jeep" experimentado como tractor agrícola. Peru. Dir. de Agr. Inform. Agr. 2 (7): 8. May/June 1944. 9.8 P434
- 3776 \*LUIS LUQUE, J. Dos cursillos para tractoristas agrícolas. Ganadería [Madrid] 2(18): 7-9. Dec. 1944. 49 G15
- 3777 LUPTON, H. C. Power transmission in trucks and cars; gasoline engine lubrication. Farmer's Mag. 18, 59. May 1945. 7 G165
- 3778 MALONE, T. J. Engine "clinic" provides way for doubling diesel life. Amer. Miller and Processor 73(5): 43-44. May 1945. 298.8 Am32
- 3779 \*ODINTSOV, G. Gidroturbina kolkhoza "Velikii perelom" [Hydro-turbine of the kolkhoz "Velikii perelom"]. Kolkhoz. Proizvod., No. 10, p. 31. Oct. 1944. 281.8 K83
- 3780 SHAWL, R. I. Tractor repair and maintenance. Farm Impl. News 66(10): 45-56. (To be cont.) May 10, 1945. 58.8 F22
- 3781 \*SHELLEST, P. Elektrostantsiia na reke Ut [Electric station on the river Ut]. Kolkhoz. Proizvod., No. 10, p. 31. Oct. 1944. 281.8 K83  
Wooden turbines used for first time in the Sverdlovskii region.
- 3782 SPENCER, G. Vagaries of a tractor. Family Herald and Weekly Star 76(22): 9. May 30, 1945. 7 F21
- 3783 STAFFORD, P. A. Combination hitch for two one-ways. Country Guide, May 1945, p. 25. 7 G76
- 3784 \*VAUGH, M. Farm power for India. Allahabad Farmer 18: 203-206. Nov. 1944. 22 AL5  
Animal power.
- 3785 WILSON, J. B. Tractor farming on terraces. South. Agr. 75(6): 21. June 1945. 6 So83



## FARM STRUCTURES

## General

- 3786 ALLEN, F. A modern packing house for peach and apple. Peninsula Hort. Soc. Trans. (1944) 58: 14-17. 81 P37
- 3787 ATHERTON, C. C. New building methods. Country Life [Sydney] 56(37): 14. Mar. 30, 1945. 286.85 Sy2
- Possibilities of prefabricated building methods.
- 3788 \*AVILOV, T. Molodezh' na stroike. Kol-khoz. Proizvod., No. 10, p. 15. Oct. 1944. 281.8 K83
- Communist youth in the construction of farm buildings in the Orlovskii region.
- 3789 JEFFERSON, C. H. Farm buildings planned for greater utility. Agr. Leaders' Digest 26(4): 43. Apr. 1945. 275.28 Am3
- 3790 REED, C. O. Going to remodel? Farmers Guide 101(10): 14. May 15, 1945. 6 In2
- 3791 STEELE, J. Lay-out of farms. Farming News and North Brit. Agr. 97(20): 8. May 11, 1945. 10 N82
- Farmhouses
- 3792 ARGENTINE REPUBLIC. DIRECCIÓN DE TIERRAS. Construcciones rurales para los colonos de los territorios del norte, sur y zona central del país. Argentina. Dir de Tierras. Construct. Rurales 3, 41 p., incl. plans. Buenos Aires, 1944. 296.9 Ar3
- 3793 BLOUKE, P. Farm home for the Corn Belt. Country Gent. 115(6): 14-15. June 1945. 6 C833
- 3794 BUNNING, W. New methods of insulation. Country Life [Sydney] 56(37): 14. Apr. 13, 1945. 286.85 Sy2
- 3795 BUNNING, W. Prefabricated houses. Country Life [Sydney] 56(37): 14. Apr. 6, 1945. 286.85 Sy2
- 3796 NICKELL, P. Storage space in your farm home. Iowa Farm Econ. 11(5): 6-7. May 1945. 275.28 Io92
- 3797 WICHERS, H. E. 1,018 farmers planned this home. Successful Farming 43(6): 25. June 1945. 6 Sul2

## Service Buildings

- 3798 ABBY, C. The metal hutch floor. Small Stock Mag. 29(5): 17, 21. May 1945. 48.8 P442
- 3799 ANDREWS, F. E. Electric brooder management. Northeast. Poultryman 43, i. e. 40(4): 18. Apr. 1945. 47.8 N44
- 3800 BEELEER, M. N. Rammed-earth henhouse. Capper's Farmer 56(5): 22. May 1945. 6 M693
- 3801 BLACK, J. J. Fold units are supreme for farm poultry. Smallholder 73(1832): 12. Apr. 27, 1945. 10 Sml
- 3802 BOHN, J. D. Uniform design of milk houses. N. Y. State Assoc. Milk Sanit. Ann. Rpt. (1944) 18: 73-74, 76-78, 80, 82-84, 86. 1945. 44.9 N4833
- 3803 BROOKS, J. B. Equipment for the poultry range. Prog. Farmer, Ky.-Tenn.-W. Va. Md. 60(5): 63. May 1945. 6 P945K
- 3804 BROWN, R. Painting poultry houses. Everybody's Poultry Mag. 50(5): 32-34. May 1945. 47.8 F213P
- 3805 CAMERON, N. A cozy corner for your chicks. Family Herald and Weekly Star 76(16): 17. Apr. 18, 1945. 7 F21
- 3806 CARTER, D. G. Dairy barn planning. Capper's Farmer 56(5): 12, 49. May 1945. 6 M693
- 3807 DOSSIN, C. O. Modern miracle from barn to laying house. Poultry Tribune 51(5): 9, 40. May 1945. 47.8 P8642
- 3808 DOSSIN, C. O. Plans for 9 by 10 summer shelter. Everybody's Poultry Mag. 50(5): 5, 27-28. May 1945. 47.8 F213P
- 3809 GAMERO ROBLES, A. M. Construcción de niales. Mundo Avic. 8(86): 24-26. Apr. 1945. 47.8 M92

3810 HALL, M. D. Poultry laying nests. Victoria. Dept. Agr. J. 43: 117-120. Mar. 1945. 23 V66J

- 3811 HUTSON, L. R., and ESSEX, W. J. Suggestions and plans for the construction of a portable fowl house. Agr. Soc. Trinidad and Tobago. Proc. 44: 251, 253. Dec. 1944. 8 T73
- 3812 INSTALACIONES para ordeño. Argentina. Dir. de Lechería. B. 9: 8-27. Jan. 1945. 281.3449 Ar3
- 3813 JACKSON, P. M. Home-made brooder proves very popular. South. Planter 106(5): 16. May 1945. 6 So89
- 3814 KRUEGER, W. C. Insulate for comfort. Amer. Poultry J. 76(6): 7, 18. June 1945. 47.8 Am32
- 3815 LOOK out! the lamp is smoking. "Domesticus" warns against brooder accidents. Mod. Poultry Keeping 52: 282. Apr. 18, 1945. 47.8 Eg3
- 3816 MCCALL, R. An easier lambing season; new-type sheds prove beneficial in Montana. Westerner 8(3, i. e. 4): 15, 42-45. May 1945. 49 W522
- 3817 MATHESON, N. P.E.I. adopts wire floors. Family Herald and Weekly Star 76(19): 17. May 9, 1945. 7 F21
- In poultry houses.
- 3818 \*NILSSON, A. R., and ORBORN, A. Arbetsbesparing i djurstallarna. Lantmannen 28: 78-79. Jan. 22, 1944. 11 L234
- Labor-saving service buildings for livestock in Sweden.
- 3819 OSSE, L. Espojaduros. Rev. dos Criadores 16(2): 32-33. Feb. 1945. 43.8 R32
- 3820 SEWELL, C. C. Filling the pig trough. Queensland Agr. J. 60: 106. Feb. 1945. 23 Q33
- Illustration of swinging door to trough.
- 3821 SMITH, J. B. How I house my birds. Poultry Farmer [London] 112(2914): 9. Apr. 27, 1945. 47.8 F312
- Bantams.
- 3822 SONEIRA PEREY, A. Instalación económica de baños y mangas para lanares, de carácter estables. Assoc. Rural del Uruguay. Rev. 72(1/2): 38-41. Jan./Feb. 1945. 9.9 As5
- 3823 SUMMERS, M. Wood does well in brooder. Family Herald and Weekly Star 76(20): 17. May 16, 1945. 7 F21
- 3824 THIS is the time to add a line of prefabricated houses. Impl. & Tractor 60(9): 33, 41. May 5, 1945. 58.8 W41
- Poultry houses.
- 3825 TURNILL, L. How to make an electric brooder. Poultry Farmer [London] 112(2915): 6-7. May 4, 1945. 47.8 F312
- 3826 TURNILL, L. Improvements I would like to see in cabinet incubators. Poultry Farmer [London] 112(2913): 3. Apr. 20, 1945. 47.8 F312
- 3827 \*URI, D. The effect of the hen house on egg-laying in winter. (In Hebrew.) Hassadeh 25: 193-194. Mar. 1945. 26 H27
- 3828 WITZ, R. L. Electric motors clean the barn. Elect. on the Farm 18(5): 11-12. May 1945. 335.8 EL27
- Storage Structures
- 3829 ALLEN, M. H. Little Minnesota town boasts fine new cold storage locker facilities. Miss. Val. Lumberman 76(21): 15-17. May 25, 1945. 99.81 M69
- 3830 BATEMAN, S. D. Concrete trench silo. South. Stockman 5(6): 10-11. June 1945. 49 So83
- 3831 COLE, W. R. Have your own cold storage; Massachusetts expert tells how their fruit growers build cold rooms. Family Herald and Weekly Star 76(12): 5, 8. Mar. 21, 1945. 7 F21
- 3832 COPELAND, J. T. Mississippi planters save stored oats. South. Agr. 75(6): 17. June 1945. 6 So83
- By use of an exhaust ventilating system.
- 3833 \*GARCIA ROMERO, A. La construcción de silos. Aliment. Nac. 4(43): 6. Feb. 25, 1945. 389.8 AL42
- 3834 NEEL, L. R. Silos and silage crops. South. Agr. 75 (5): 14. May 1945. 6 So83



AGRICULTURAL PRODUCTS: PROCESSING,  
DISTRIBUTION, AND STATISTICS

GENERAL

- 3835 ROBERTSON, E. I. Disposal pit for poultry. Successful Farming 43 (5): 50-51. May 1945. 6 Sul2
- 3836 \*SMIRNOV, N. Stroite navozokhranilishcha [Construct manure pits]. Kolkhoz. Proizvod., No. 10, p. 30-31. Oct. 1944. 281.8 K83
- 3837 WARRINGTON, S. T. Home units vs. locker plants. News for Farmer Coops. 12 (2): 12-14. May 1945. 166.2 N47
- 3838 WITZEL, S. A. Repair the silo in summer. Wis. Agr. and Farmer 72(10): 1, 10. May 19, 1945. 6 W751
- Farm Utilities
- 3839 B., J. J. Country is crying out for electricity - how can we speed development? Smallholder 73(1833): 10. May 4, 1945. 10 Sml
- 3840 FAULKNER, R. F. Heating hotbeds by electricity. A method for the future in producing early salad crops. Gard. Illus. 64: 573. May 1945. 80 G169
- 3841 GINGLES, R. Queen's power pays for itself. Successful Farming 43 (5): 38, 40. May 1945. 6 Sul2
- 3842 KELLY, E. G. Post-war plans for rural electrification in Alberta. Engin. J. 28: 227-230. Apr. 1945. 290.9 En3
- Discussion, p. 230-231.
- 3843 MAKI, H. H. Rural electrification. Prog. Guide, June 1945, p. 464-469. 470 P942
- 3844 MILLER, M. L. How to figure your water requirements. Ky. Farmer's Home J. 81(5): 8, 10. May 1945. 6 F2237
- 3845 MYERS, F. E. Electric water systems after the war. Farm Impl. News 66(11): 30. May 24, 1945. 58.8 F22
- 3846 PORTER, L. C. A new concept in farm lighting. Agr. Engin. 26: 189. May 1945. 58.8 Ag83
- 3847 PURSER, R. Burying the lantern; when electric power was brought to Swalwell farms it was celebrated in a ceremony which symbolized the farmer's release from drudgery. Family Herald and Weekly Star 76(11): 3-4. Mar. 14, 1945. 7 F21
- 3848 PURSER, R. Electricity for the farm; more and more farmers across Canada are being supplied with power for a variety of jobs. Family Herald and Weekly Star 76(16): 3-4. Apr. 18, 1945. 7 F21
- 3849 ROBERTS, J. A. Rural electrification. Marit. Farmer and Co-op. Dairyman 50(16): 7. May 15, 1945. 7 C77
- 3850 SEANONS, MRS. J. E. We use electricity to produce food. Elect. on the Farm 18(5): 9-10. May 1945. 335.8 EL27
- 3851 STOUT, L. Plumbers plan farm campaign. Family Herald and Weekly Star 76(19): 4. May 9, 1945. 7 F21
- 3852 SURVEYING a farm's water needs; there is more to installing a water system than selling a pump. It should be planned so that it will be sufficient to satisfy all future needs. Impl. & Tractor 60(8): 24-25, 48. Apr. 21, 1945. 58.8 W41
- 3853 TOMLINSON, J. W. Farm electrification - a new science. Engin. J. 28: 214-220. Apr. 1945. 290.9 En3
- Discussion, p. 220-226.
- Materials and Methods
- 3854 DEBRIEU, R. Conseils pratiques pour la preparation et l'utilisation du mortier de chaux grasse. Terre Maroc. 15(184): 10-11. Mar. 1945. 24 T44
- 3855 HANSEN, E. L., and KAISER, W. G. A good job sells more units; twenty-six aids to good farm construction with concrete masonry. Rock Prod. 48 (3): 100, 116. Mar. 1945. 299.8 R59
- 3856 TOWE, L. Grow your own buildings. Mich. Farmer 204: 245. May 5, 1945. 6 M58
- Construction with insulative concrete.
- 3857 ARMSTRONG, G. C. Canada's wartime food policy. Rural Bank N. S. Wales. Farm Front 3: 33-36, processed. Mar. 1945. 281.9 R883
- 3858 BULLIS, H. A. Can the world have better food and more of it? (Excerpts.) Macaroni J. 26 (12): 38, 40. Apr. 1945. 298.8 M46
- 3859 COHEN, R. M. The global food picture. Butchers' Advocate 117(21): 10-11. May 23, 1945. 286.85 B97
- 3860 CRONIN, F. D. Building peace with food. New England Grocery and Market Mag. 13(8): 17-18. June 1945. 286.83 N44A
- 3861 \*HAUSSMANN, K. Reserven unserer ernahrung; mehr massennahrungsmittel, weniger veredlung, geringerer selbstverbrauch. Nationalsoz. Landpost 1945, No. 11, p. 1. Mar. 16. 18 N212
- 3862 HERSHEY, N. Production. Coop. Digest 5(11): 60. May 1945. 280.28 C7896
- Production and marketing of food.
- 3863 HERRIGAN, L. A. Food and our future. New England Grocery and Market Mag. 13(8): 11-12, 46-48. June 1945. 286.83 N44A
- 3864 \*INDIA. DEPT. OF COMMERCE., India's raw materials. India. Dept. Com. Booklet 1, 40 p. Bombay, n. d. 280.9 In277
- 3865 \*KECSO, S. Die rohstoffwirtschaft Ungarns. Ungar. Wirtsch.-Jahrb. (1943) 19: 113-120. 280.8 Un35
- 3866 LINDBERG, J. Food supply under a program of freedom from want. Social Res. 12: 181-204. May 1945. 280.8 Scl9
- 3867 MARTIN, O. A. Too many mouths to feed. Nation's Business 33(6): 23-24, 84, 86. June 1945. 286.8 N212
- 3868 MOORE, R. The Nation's food supply. Amer. Mercury 40: 684-690. June 1945. 110 Am35
- 3869 PATTERSON, R. P. Winning a war takes a lot of food. Canner 100(22): 13-15. Apr. 28, 1945. 286.83 C16
- 3870 RHODES, J. B. J. B. Rhodes emphasizes food situation. (Excerpts.) Pacific Northwest Grocer & Meat Dealer 40(3): 30-31. Mar. 1944. 286.28 F11
- 3871 SAUNDERS, S. C. What imports mean to small businessmen. Foreign Com. Weekly 19(9): 3-5, 42-43. May 26, 1945. 157.54 F763
- Shortages of various agricultural products.
- 3872 SHOUP, E. C. Food will win the peace. New England Grocery and Market Mag. 13(8): 15-16, 48. June 1945. 286.83 N44A
- 3873 TUCKER, I. R. Return to buyers' market held near for food trades. Peanut J. and Nut World 24(7): 52-53. May 1945. 77.8 P313
- ANALYSIS AND COMPOSITION
- 3874 DE MENT, J. Fluorochemistry in food science. Grain and Feed J. Consolidated 94: 402. May 23, 1945. 298.8 G762
- 3875 DE MENT, J. How ultra-violet rays detect filth in foods. Canner 100(26): 13-14, 26. May 26, 1945. 286.83 C16
- 3876 JOHNSON, C. M. Determination of water in dry food materials; application of the Fischer volumetric method. Indus. and Engin. Chem. Analyt. Ed. 17: 312-316. May 1945. 381 J825A
- CONSUMPTION AND UTILIZATION
- 3877 CHRISTENSEN, L. M. Twenty-five years of research on fermentation processes in Professor Coover's Chemistry Department, Iowa State College of Agriculture. Iowa State Col. J. Sci. 19: 249-254. Apr. 1945. 470 Io9
- Includes research on the manufacture of fermentation chemicals from farm crops.



## DISTRIBUTION, MARKETING, AND TRANSPORTATION

3878 ADAIR, W. Tillage in post-war farming - with a further study on marketing machinery. Farming News and North Brit. Agr. 97(16): 3. Apr. 13, 1945. 10 N82

Third in a series of articles on a tract on agricultural policy, by D. A. E. Harkness.

3879 ALVÁREZ, B. La aviación al servicio de la agricultura. Chacra 15(174): 26-27. Apr. 1945. 9 C34

3880 BARR, D. Selling frozen foods again. Quick Frozen Foods 7(10): 38-39, 72. May 1945. 389.8 Q4

3881 BEATY, J. A. Cooperatives are important in marketing farm products. This Month in Rural Ala., May 3, 1945, p. 5. 6 T34

3882 CARPENTER, G. A. Success in cooperative marketing. Coop. Digest 5(12): 46-47. June 1945. 280.28 C7896

3883 CHEN, K. Y. How can China be industrialized? Mech. Engin. [New York] 67: 398-400. June 1945. 291.9 Am3J

Includes transportation of food.

3884 DEWEY, R. L. Interterritorial freight rate differences in relation to the regionalization of industry. J. Farm Econ. 27: 433-452. May 1945. 280.8 J822

3885 EDMONDS, C. Maritzburg Farmers' Association reviews sales system; municipal control of public markets criticised and condemned. Farmer [Pietermaritzburg] 33(4): 8. Jan. 28, 1944. 24 F227  
Memorandum prepared on behalf of the Pietermaritzburg and District Farmers' Association.

3886 EVANS, O. R. Experts visit U. S. markets. Family Herald and Weekly Star 76(11): 6. Mar. 14, 1945. 7 F21

3887 FISHER, A. J. The worlds future trading; farm surpluses may be bartered; United States passes disposal bill. West Austral. Wheatgrower 14(37): 1. Jan. 4, 1945. 23 W523

3888 \*KOLGYÁRY, L. Die neue ordnung der produktenablieferung. Ungar. Wirtsch.-Jahrb. (1943) 19: 65-73. 280.8 Un35

3889 LACEY, P. E. They take their products to the customer. Farm and Ranch 64(5): 16, 18. May 1945. 6 T31

Farm homemakers' cooperative markets in Texas.

3890 LARSEN, S. A. An appraisal of air cargo for food. Amer. Dietet. Assoc. J. 21: 283-284. May 1945. 389.8 Am34

3891 LEHNER, A. Co-operative marketing can give the producer more and cost the consumer less; it's a long step towards a higher level of economic security. Pa. Co-op. Rev. 12(6): 9-12. May 1945. 280.28 P38

3892 LIPPITT, M. L. A chat with distributors. Wholesale Grocer News 20(2): 19-20, 44. May 1945. 286.83 W622

Food distribution.

3893 MAC COLL, E. D. Decretos que van ahogando la producción rural [Uruguay]. Diario Rural 4, i.e. 5(464): 16. Mar. 21, 1945. 9.9 D54

Comments on two recent decrees restricting marketing of wheat and the export of sheep.

3894 MCGUIRE, M. Is the black market out of hand? (Digest.) Mag. Digest 30(6): 7-13. June 1945. 110 M27

3895 \*MAUKSCH, G. Das system der öffentlichen versorgung in Ungarn. Ungar. Wirtsch.-Jahrb. (1943) 19: 47-64. 280.8 Un35

Describes the organization of food supply and distribution, including rationing.

3896 MOLL, R. Lecciones de economía; estudio del desarrollo de la economía venezolana. Caracas. Cám. de Com. B. 34: 9560-9568, 9589-9595. (Cont.) Feb., Mar. 1945. 287 C173

These installments deal with transportation.

3897 \*NEHRING, K. Die transportversicherung im nahrungsmittel-grosshandel. Landware 13(22): 3. Mar. 16, 1945. 281.8 L23

3898 RICHARDS, A. M. Marketing in New Zealand; depending on the United Kingdom markets has caused farmers in our sister Dominion some heartaches. Family Herald and Weekly Star 76(10): 3, 4. Mar. 7, 1945. 7 F21

3899 WALLACH, J. B. Lighting up the black market. Nation's Business 33(6): 27, 58, 60, 62, 65. June 1945. 286.8 N212

3900 WAUGH, F. V. Agricultural marketing programs after the war. J. Farm Econ. 27: 297-302. May 1945. 280.8 J822

3901 WICKARD, C. R. Peacetime tasks in marketing farm products. Calif. Fruit News 111(2966): 3-5. May 12, 1945. 80 G12

## GRADING, INSPECTION, STANDARDIZATION, AND QUALITY

3902 \*BOLBERITZ, K. VON. Die jüngste entwicklung der obligatorischen warenkennzeichnung in Ungarn. Ungar. Wirtsch.-Jahrb. (1943) 19: 416-421. 280.8 Un35

Includes quality control of food and feeds.

3903 LODER, G. D. [Food] inspection procedure in the China, Burma, India, theater. Fed. Vet. 2 (8): 1, 5-6; (9): 1-3. Mar.-May 1945. 41.9 N212Na

3904 PARKER, L. T. This is the verdict; higher court decisions in food cases reveal basic principles that are as significant in quality control as they are in legal action. Food Indus. 17: 510-512. May 1945. 389.8 F737

3905 TURNING the spotlight on labels. Amer. Cookery 49, i. e. 50(6): 22-23, 40-41, 44-46, 48-50. Feb. 1945. 389.8 B65

Contents: U. S. Department of Agriculture wants canners to keep and protect their brand names, by P. M. Williams, p. 22, 40-41; A good descriptive label is equally good for consumer and manufacturer, by P. S. Willis, p. 22, 50; Grade or descriptive labeling, by J. Kremer, p. 22, 48-49; Co-ops favor mandatory grade labeling, by G. H. Tichenor, p. 23, 44; Labeling has not kept pace with technological improvements, by B. D. Anderson, p. 23, 45; "X-ray" type of label is recommended, by P. Gade, p. 23, 46.

## PACKING AND PACKAGING

3906 FARAVELLI, A. C. Régimen de tipificación de los envases para las mercaderías de exportación. Argentina. Sec. de Indus. y Com. B. 1(4): 201-210. Jan. 1945. 280.9 Ar3

3907 HANDLEY, R. D. The unit package for frozen foods. Quick Frozen Foods 7(10): 47, 81. May 1945. 389.8 Q4

3908 MAIER, C. E. Tin container trends analyzed. Food Packer 26(6): 45-47. May 1945. 286.83 C165

3909 OLIVE, C. F. El problema de los envases en la República Argentina. Bolsa de Cereales, Buenos Aires. Rev. 32(1693): 1-3. Mar. 17, 1945. 287 B866

3910 OSWIN, C. R. The kinetics of package life. Soc. Chem. Indus. J. Trans. and Commun. 64: 67-70. Mar. 1945. 382 M31

Results of experiments with cigarettes, crackers, dried egg, and silica gel.

3911 TURLEY, L. The job of packaging frozen foods. Quick Frozen Foods 7(10): 48-49. May 1945. 389.8 Q4

3912 WILLIAMS E. W. The big need is for volume packaging equipment. Quick Frozen Foods 7(10): 41-43, 59. May 1945. 389.8 Q4  
For frozen food.

## PRICES, PRICE CONTROL, AND RATIONING

3913 AANDAHL, A. B. A postwar forward pricing plan for agriculture. J. Farm Econ. 27: 476-482. May 1945. 280.8 J822

3914 AHUMADA C., J. Control de precios y racionamiento. Chile. Dir. Gen. de Agr. Agr. Téc. 4: 179-208. Dec. 1944. 464.9 C432B



3915 BRITNELL, G. E. Price control, price support and how they affect the farmer. *Canad. Dairy and Ice Cream J.* 24(4): 56, 58, 60, 65. Apr. 1945. 44.8 C162

3916 CLARK, J. M. General aspects of price control and rationing in the transition period. *Amer. Econ. Rev.* 35(2): 152-162. May 1945. 280.8 Am32

3917 \*DARANYI, B. VON. Die verwertung der ungar. ernte im wirtschaftsjahr 1942/43. *Ungar. Wirtsch.-Jahrb.* (1943) 19: 177-185. 280.8 Un35

3918 DU PLESSIS, A. J. Look-out for the post-war decline in prices; farmers cannot afford to think only of the present. *Farmer (Pietermaritzburg)* 33 (7): 10. Feb. 18, 1944. 24 F227

3919 GOSS, A. S. Remedies for farm problem. *Capper's Farmer* 56(6): 9, 50. June 1945. 6 M693 Post-war farm prices.

3920 \*KOFFLER, K. Industrielle preisregelung. *Ungar. Wirtsch.-Jahrb.* (1943) 19: 137-148. 280.8 Un35

Includes a passage on agricultural prices and their regulation.

3921 MCCONKEY, O. M. Feeding Britain in war-time. *Farmer's Mag.* 42(5): 9, 66-67, 71, 76. May 1945. 7 C165

Includes rationing and price control.

3922 MONTGOMERY, J. P. The farm price-support program for 1945. *La. State U. La. Rural Econ.* 7 (2): 5, 7. May 1945. 281.8 L93

3923 UNDERWOOD, F. L. Farm prices. *Va. Farm Econ.*, No. 74, p. 913. May 1945. 275.29 V813

3924 U. S. CONGRESS. SENATE. COMMITTEE ON AGRICULTURE AND FORESTRY. Investigating certain matters relating to food production, distribution, and consumption. Interim report pursuant to S. Res. 92, 79th Cong., 1st sess. Rpt. 270, 6 p. Washington, 1945.

Mainly on activities of OPA in connection with prices of livestock, meat, and apples.

3925 WAITE, W. C., and COX, R. W. Minnesota farm prices for April, 1945. *Minn. U. Agr. Ext. Farm Business Notes*, No. 269, p. 4. May 23, 1945. 275.29 M663

3926 WORKING, E. J. Work of the Committee on Agricultural Price Supports and Their Consequences. *Amer. Econ. Rev.* 35(2): 419-421. May 1945. 280.8 Am32

3927 ZEVADA, R. J. Política de precios (Mexico). *Rev. de Econ.* 8(3/4): 31-34. Apr. 30, 1945. 280.8 R3293

#### PROCESSING AND STORAGE

3928 ADAMS, G. Present outlook for dehydrated foods points toward increase in demand. *West. Canner and Packer* 37(5): 57, 59. May 1945. 286.63 W522

3929 ARÍSTIDES MACHADO, J. Manera de evitar las pérdidas de vitaminas en la preparación de alimentos. *Vinos, Viñas y Frutas* 40: 332-335. Mar. 1945. 9 Ag89

Losses in drying, cooking, and freezing.

3930 BARRY, J. Are you freezing? *Ladies' Home J.* 62(6): 129, 158. June 1945. 321.8 L21

3931 BULL, S. Some problems of the future and their solutions. *Quick Frozen Foods* 7(9): 77-78. Apr. 1945. 389.8 Q7

Frozen foods and the locker industry.

3932 CRUESS, W. V. The Food Technology Division of the University of California. *Fruit Prod. J. and Amer. Food Mfr.* 24: 275. May 1945. 389.8 F94

3933 DENNINGTON, A. R. Ultraviolet radiation assures super market profits. *Super Market Merchandising* 10(5): 56-60. May 1945. 389.8 Su7

Use of ultraviolet radiation for meat and vegetable preservation.

3934 DOANE, D. H. Additional processing of farm products offers possibility of increasing income either on farms or through co-operatives. *Sunsweet Standard* 38(12): 8-9. May 1945. 286.83 So7

3935 DUGAN, S. V. Food sanitation in war time. *Assoc. Food & Drug Off. U. S. Q. B.* 9: 62-67. Apr. 1945. 389.9 As7Q

3936 FLANAGAN, G. Home service in home canning. *Forecast* 61(5): 28-29, 58, 60. May 1945. 321.8 F76 The food preservation program in Wisconsin Rapids.

3937 FLINT, D. P. Plan your home canning program now. *Gard. Chron. Amer.* 49: 138-139. May 1945. 80 C1632

3938 HAAK, P. What's new in canning. *South. Agr.* 75(6): 34. June 1945. 6 So83

3939 \*HASKEL, M. Dehydrated food. (In Hebrew.) *Massadeh* 25: 201-203. Mar. 1945. 26 H27

3940 HECK, M. C. Frozen food preservation. *Prog. Farmer, Miss.-Ark.-La. Ed.* 60(6): 11. June 1945. 6 So81

3941 HENSLEY, H. C. Deshidratación: medio moderno para conservar y almacenar alimentos. *Peru. Dir. de Agr. Inform. Agr.* 2(5): 8. Jan./Feb. 1944. 9.8 P434

3942 HILDER, M. H. A locker plant operator advises his patrons. *Quick Frozen Foods* 7(9): 83-94. Apr. 1945. 389.8 Q7 Freezing of food.

3943 HODGES, L. M. You'll want a community cannery! *Prog. Farmer, Ky.-Tenn.-W. Va. Ed.* 60(6): 20, 32, 42. June 1945. 6 P945K

3944 LOWE, B. Processing and storage of frozen foods. *Amer. Dietet. Assoc. J.* 21: 277-278. May 1945. 389.8 Am34

3945 MARTIN, L. Problems facing freezers. *Quick Frozen Foods* 7(9): 40. Apr. 1945. 389.8 Q7

3946 PAINE, F. How to be one jump ahead of your future. Rent space in a locker plant and use it to find out what quick freezing of foods can mean to your family. Then you'll know what size home freezer you will want when you can buy one. *House Beautiful* 87(6): 66-67, 104, 106, 108-110. June 1945. 396.8 H81

3947 POWERS, J. J., and FELLERS, C. R. Preventing surface darkening in certain home-canned foods. *J. Home Econ.* 37: 294-296. May 1945. 321.8 J82

3948 PROBLEMS faced by the new frozen foods packer. *Quick Frozen Foods* 7(9): 42-45. Apr. 1945. 389.8 Q7

3949 QUEENER, V. M. Cold storage report. *U. S. War Food Admin. Mktg. Activ.* 8(5): 7-9, processed. May 1945. 1.942 A8M34

On refrigeration of food and the cold storage report issued by the Office of Marketing Services.

3950 ROBERTS, H. R. Frosted foods in the future. *Ice Cream Field* 45(5): 54, 56-57. May 1945. 389.8 Ic23

3951 ROWE, I. B. Canning for keeps. *Farm J. and Farmer's Wife* 69(6): 53-54. June 1945. 6 F2212

3952 SCHADE, A. L. Radio frequency applications in dehydration. *Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers* (1945) 1: 30-31, processed. 389.9 C768

3953 SCOTT, G. C. What food technology should mean to the canner. *Canner* 100(25): 19-20, 48, 50, 52. May 19, 1945. 286.83 C16

3954 SHOUBER, L. G. Canny questions on canning. *Ladies' Home J.* 62(6): 130-131. June 1945. 321.8 L12

3955 SMITH, H. L., JR. Developments in food processing methods. *Amer. Dietet. Assoc. J.* 21: 279-282. May 1945. 389.8 Am34

3956 TARRANT, L. Why can in 1945? *Pa. Grange News* 42(2): 10. May 1945. 6 P38

3957 TRESSLER, D. K. How to freeze for keeps. *Successful Farming* 43(6): 45, 54-55. June 1945. 6 Su12

3958 VAN ARSDEL, W. B. Attaining low moisture in dehydration. *Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers* (1945) 1: 21-22, processed. 389.9 C768

Includes equipment.



3959 WILKINSON, E. M. Dehydrated foods versus frozen foods. Assoc. Food & Drug Off. U. S. Q. B. 9: 68-73. Apr. 1945. 389.9 As7Q

3960 WINTER, J. D., and HUSTRULID, A. What's new in freezing foods for home use. Minn. Farm and Home. Minn. Sta., 2(3): 1, 11-12. May 15, 1945. 100 M668

## STATISTICS

3961 BOLSA DE COMERCIO, MONTEVIDEO. OFICINA DE INFORMACIONES ECONOMICAS. El Uruguay en el año 1944; sinopsis economico-financiera. Bolsa de Com., Montevideo. Rev. 47(2): 10-26. Feb. 1945. 284.38 M76

Includes agricultural statistics.

3962 HORVÁTH, S. Die lage des handels. Ungar. Wirtsch.-Jahrb. (1943) 19: 186-198. 280.8 Un35

Includes index figures for prices of agricultural products and cost of living.

3963 O., J. D. L'effort de production de l'A. O. F. Petit Casablancais 31(1208): 1, 2. Apr. 14, 1945. 280.8 P44

Includes statistics of agricultural production.

3964 RUIZ M., B. La estadística en los municipios de Santander. Santander (Dept.). Contraloría Dept. B. 10(40): 56-63. Nov. 1944. 255.5 C7152

3965 U. S. BUREAU OF FOREIGN AND DOMESTIC COMMERCE. Colombia. U. S. Bur. Foreign and Dom. Com. Internatl. Ref. Serv., v. 2, No. 1, 8 p. Washington, 1945. 157.54 In8

Includes statistics for agriculture and foreign trade.

## BEVERAGES AND CONDIMENTS

3966 BURBANK, H. R. Disturbing factors in cocoa supply. Internatl. Confectioner 55(5): 52, 74. May 1945. 389.8 In214

3967 CAMPILLOCH, I. Temas sobre vinificación. Vinos, Viñas y Frutas 40: 292-294, 296. Feb. 1945. 9 Ag89

3968 CANAL, C. M. El consumo de café en Estados Unidos alcanza nuevo "record." Café de Nicaragua 1(4): 19, 21-22. Feb. 1945. 68.28 C114

Statistical.

3969 CANESSA, C. J. El Salvador coffee producer urges necessity for higher ceiling prices; the coffee workers' low standard of living can be raised only through higher coffee prices. Tea & Coffee Trade J. 88(5): 24. May 1945. 68.8 T22

3970 CARDOZO, F. M. Legitimidade da representação da lavoura no convênio dos estados cafeeiros. Rev. Rural Bras. 25(295): 42. Mar. 1945. 9.2 B733

3971 CARSON, G. V. Vermouth...some practical hints. Wines & Vines 26(5): 22-23. May 1945. 95.8 C122

3972 GARRIDO LOZIER, O. Análisis elemental del mosto. Agrario 9(357): 13. Mar. 15, 1945. 9.3 Ag85

3973 GARRIDO LOZIER, O. Fermentación de mostos. Agrario 9(358): 7. Mar. 29, 1945. 9.3 Ag85

3974 GARRIDO LOZIER, O. Los vinos embotellados en su mayoría significan un engaño al público consumidor [Chile]. Agrario 9(356): 14. Feb. 28, 1945. 9.3 Ag85

3975 HERNÁNDEZ, C. R. El "color" político y la industria del café. Café de El Salvador 15: 59-60. Feb. 1945. 68.28 C112

3976 HOHL, L. A., and GRUESS, W. V. Production of dessert wines by syrup fermentation. Wine Rev. 13(5): 10-11, 32. May 1945. 390.8 W722

3977 \*INDIA. DEPT. OF COMMERCE. The story of Indian coffee. India. Dept. Com. Booklet 5, 8 p. Bombay, n. d. 280.9 In277

3978 MARCILLA, J. Vinos defectuosos: picados y avinagrados. Agrario 9(355): 8-9. Feb. 15, 1945. 9.3 Ag85

3979 MILLS, D. E. Pasteurization; its application and control in the production of light wines. Wine Rev. 3(4): 48, 74. Apr. 1945. 390.8 W722

3980 OLIVERAS MASSÓ, C. Cuidados de los vinos en su primer año. Vinos, Viñas y Frutas 40: 305-311. Feb. 1945. 9 Ag89

3981 OLIVERAS MASSÓ, C. Las levaduras del vino, su origen. Vinos, Viñas y Frutas 40: 321-322, 324-326, 328. Mar. 1945. 9 Ag89

3982 OLSON, L. W. Promote iced coffee for summer volume. Co-op. Merchandiser 10(5): 30, 44. May 1945. 286.28 C78

3983 PENTEADO, E. Cooperación, por favor. Café de Nicaragua 1(4): 23-24. Feb. 1945. 68.28 C114

Problem of coffee prices.

3984 SCHACHT, J. R. Enzymes for clarity; the part enzyme preparations play in giving juices sparkling clarity and their use in the wine industry. Wine Rev. 3(4): 58, 72. Apr. 1945. 390.8 W722

3985 SCHWEISHEIMER, W. Satisfying that longing for spices. Spice Mill 68(5): 43-44. May 1945. 389.8 Sp4

A brief history of spices.

3986 SPIELMAN, H. W. Brazilian coffee goes to market. Agr. in the Americas 5: 83-85, 95. May 1945. 1 F752A

Includes production practices and processing.

3987 \*URBIETA, F. DE. El café en el mundo. Aliment. Nac. 4(41): 6, 11. Jan. 25, 1945. 389.8 AL42

3988 VALAER, P. Wine-making in Mexico. Spirits 12(8): 27, 58. May 1945. 390.8 Am34

3989 WILLIAMS, J. L., and KUCHEL, R. H. The use of burnt gypsum (builder's plaster) in wine making. So. Austral. Dept. Agr. J. 48: 352-354. Mar. 1945. 23 So83

## DAIRY PRODUCTS

3990 ANDERSON, M. Peace River Creamery expands. Family Herald and Weekly Star 76(10): 12. Mar. 7, 1945. 7 F21

3991 \*BEAU, M. La situation laitière [France]. Lait 24: 188-192. Apr./June 1944. 44.8 L143

3992 BECK, R. S. The economic benefits to the farmer of more uniform milk production throughout the year. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 74-76. 44.9 V593

3993 BLANFORD, C. J. Present and future production problems in the New York milkshed. N. Y. State Assoc. Milk Sanit. Ann. Rpt. (1944) 18: 87-88, 90-92, 94, 96-100. 1945. 44.9 M4833

3994 BRIGHAM, E. S. Some problems of the dairy industry. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 92-96. 44.9 V593

3995 BRONSON, W. H. The dealers' interest in more uniform production of milk. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 77-80. 44.9 V593

3996 DAHLBERG, A. C. The ice cream industry of Central America. Ice Cream Trade J. 41(5): 18-19, 40, 42, 44, 46. May 1945. 389.8 Ic2

3997 DAVIES, J. L. Looking ahead in the milk industry in Great Britain. (Sum.) Dairy Indus. 10: 184-190. Mar. 1945. 44.8 D1427

3998 DOW, G. F. The dairy situation. Maine. Agr. Col. Ext. Farm Econ. Facts, No. 58, p. 1281-1289, processed. Apr. 1945. 275.29 M281F

3999 EASTWOOD, H. S. The national 8-point program. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 35-40. 44.9 V593

4000 ELLIS, M. G. Alberta Dairy men meet again; after a two-year lapse the dairy meetings have a large attendance at Calgary. Family Herald and Weekly Star 76(9): 4, 13. Feb. 28, 1945. 7 F21



- 4001 ELLIS, M. G. Dairymen's diamond jubilee; Manitoba milk producers and processors [Manitoba Dairy Association] held their meeting after a two years' lapse. Family Herald and Weekly Star 76(7): 9. Feb. 14, 1945. 7 F21
- 4002 EVANS, O. R. Milk producers look to the future. Family Herald and Weekly Star 76(9): 9, 10. Feb. 28, 1945. 7 F21
- The industry in Ontario.
- 4003 EVANS, O. R. Plan Montreal Milk Foundation. Family Herald and Weekly Star 76(5): 9. Jan. 31, 1945. 7 F21
- 4004 HAMILTON, W. M. The dairy industry in New Zealand. New Zeal. Dept. Sci. and Indus. Res. B. 89, 176 p. Wellington, 1944. 330.9 N48B
- Originally published in New Zeal. J. Sci. and Technol. Text and statistics here revised and amended.
- 4005 HENDERSON, H. B., WARD, C. A., and BENNETT, F. W. Excellent opportunities offered in dairy industry. Ga. Agr. 36(4): 9-11. Jan. 1945. 276.8 G29
- 4006 HENDERSON, H. O. History of dairying in West Virginia. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 27. 2 W522W
- 4007 HIRSCH, D. E. Farmers' cooperatives and the trend toward large-scale dairy plants. U. S. Farm Credit Admin. Misc. Rpt. 80; 31 p., processed. Washington, 1945. 166.3 M68
- 4008 \*HOUDINIÈRE, A. Le colostrum de vache; composition - propriétés; repercussions en industrie laitière. Lait 24: 108-139. (To be cont.) Apr./June 1944. 44.8 L143
- 4009 KOLLER, E. F. Post-war prospects of the dairy industry. Creamery J. 56(5): 8, 32-33. May 1945. 44.8 C86
- 4010 KRAFT, J. H. Wishing won't do. (Excerpts.) Milk Plant Monthly 34(5): 44-45. May 1945. 44.8 C864
- On the future of the dairy industry.
- 4011 \*LANGHARD, O. Kriegswirtschaftliche produktionslenkung und käsequalitätsfabrikation im jahre 1944/45. Schweiz. Milchztg. 71: 167-168. Apr. 27, 1945. 44.8 Sch92
- 4012 LAUTERBACH, A. N. A new level production plan. Milk Prod. [Houston] 10(4): 2. May 1945. 44.8 M5993
- In the milk industry.
- 4013 LAWSON, P. J. Mirando más allá. Indus. Lechera 26: 816-817. Nov. 1944. 44.8 In26
- Argentine prospects of supplying Europe with milk and dairy products.
- 4014 LEIGHTON, A. Technical literature of ice cream for 1944. Ice Cream Rev. 28(10): 38-39, 76, 78, 80, 82, 84. May 1945. 389.8 Ic22
- 4015 LOVELAND, E. L. The national 8-point program in Vermont. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 41-42. 44.9 V593
- 4016 MACFARLANE, D. L. Needed fats will continue the demand for dairy products. Canad. Dairy and Ice Cream J. 24(4): 40, 42, 44. Apr. 1945. 44.8 C162
- 4017 MARTIN, J. Seasonal variation in butterfat. West. Farm Leader 10: 140. May 4, 1945. 280.28 W52
- Chart shows average monthly test for 5 years.
- 4018 MATHESON, N. A. P. E. I. dairying advances. Family Herald and Weekly Star 76(10): 14. Mar. 7, 1945. 7 F21
- 4019 MEEK, C. M. Dairy situation and outlook. Ontario Milk Prod. 20: 333-335. May 1945. 44.8 On8
- 4020 \*MÜLLER, O. Die milchwirtschaft der Sowjetunion. Schweiz. Milchztg. 71: 43-45. Feb. 2, 1945. 44.8 Sch92
- 4021 MULVANY, J. L. Estudio de la explotación tambera en la Colonia "Santa María", dependiente del Instituto de Colonización [de la Provincia de Buenos Aires], y sus posibilidades. Indus. Lechera 26: 838-850. Nov. 1944. 44.8 In26
- 4022 PARSONS, M. S. Probable future regional shifts in dairying. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 48-56. 44.9 V593
- 4023 PULLINGER, E. J. The milk industry of South Africa. V. So. African Dairyman 7: 63, 74. Apr. 1945. 44.8 So822
- 4024 RICHARDS, O. M. Dairy industry must rebuild lost markets. Natl. Food Distrib. J. 19(5): 9. May 1945. 286.28 N212
- 4025 ROEMER, E. Star Valley is America's Switzerland. Westerner 8(5): 9-10, 38-44. June 1945. 49 W522
- The Swiss cheese industry in Star Valley, Wyo.
- 4026 ROUTIER, E. Milk. Culinary Rev. 13(8): 5-6. (Concl.) May 1945. 389.8 C89
- 4027 RUEHE, H. A. The butter situation. Creamery J. 56(5): 5, 26-27. May 1945. 44.8 C86
- 4028 SCHOENFELD, H. Milk through the ages. Crown 34(6): 9-11; 25. June 1945. 389.8 C88
- 4029 \*SCHWEIZERISCHER BAUERNVERBAND. PREISBERICHTSTELLE. Internationaler markt für milch und molkeerprodukte im 1. quartal 1945. Schweiz. Milchztg. 71: 179-180. May 8, 1945. 44.8 Sch92
- 4030 STITTS, T. G. Wartime goal of 120.5 billion pounds of milk needed in 1945. Certified Milk 20(228): 5, 14. Apr. 1945. 44.8 C33
- 4031 STITTS, T. G. When dairymen go after the postwar dollar, no severe postwar readjustment will be necessary; dairy profits to depend on size of industrial pay rolls; producer must rely on protected, domestic market. East. Milk Prod. 21(7): 7. Apr. 1. 1945. 280.28 Sh3
- 4032 TALBOT, G. P. Milk problems [in British Columbia]. Canad. J. Compar. Med. 9: 106-107. Apr. 1945. 41.8 C162
- 4033 TATOR, S. W. The market administrator's interest in more uniform milk production. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 81-88. 44.9 V593
- 4034 TERHUNE, B. War rulings affecting the ice cream industry. Ice Cream Trade J. 41(5): 38, 74-76. May 1945. 389.8 Ic2
- Outlook for sugar, cocoa, and other ice cream ingredients.
- 4035 THOMSEN, L. C. Shall we plan for continued diversification [in the dairy industry]; its problems. Creamery J. 56(6): 5, 28-30. June 1945. 44.8 C86
- 4036 TRACY, P. H. Probable phases of development in the post-war dairy industry. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 65-73. 44.9 V593
- 4037 TURNER, R. M. Dairying. Wash. State Col. Ext. Timely Econ. Inform., No. 50, p. 14-16. May 1945. 275.29 W27T
- 4038 WARD, G. H. The dairy situation. Va. Farm Econ., No. 74, p. 918-919. May 1945. 275.29 W813
- 4039 WENTWORTH, W. A. Post-war opportunities in the milk industry. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 24-34. 44.9 V593
- Analysis and Composition
- 4040 ABELE, C. A. The methylene-blue reduction test as a means of estimating the bacterial content of milk, to determine its suitability for pasteurization or as a basis for grading. J. Milk Technol. 8: 67-79. Mar./Apr. 1945. 44.8 J824
- 4041 BIRD, E. R., and EGDELL, J. W. The effect of thermophilic organisms in holder-pasteurized milk on the reduction of methylene blue dye. Dairy Indus. 10: 266-269, 274. Apr. 1945. Ref. 44.8 D1427
- 4042 BRYANT, L. R. pH and its many applications in the dairy industry. Canad. Dairy and Ice Cream J. 24(4): 27-29. Apr. 1945. 44.8 C162



- 4043 BURKE, A. D. Sherbet and ice review. Pt. 2. Ice Cream Field 45(5): 14, 16, 30-31. (Concl.) May 1945. 389.8 Ic23  
Analysis and composition.
- 4044 CHAPMAN, R. A., and MCFARLANE, W. D. A colorimetric method for the estimation of reducing groups in milk powders. Canad. J. Res. Sect. B. Chem. Sci. 23: 91-99. May 1945. 470 C16B
- 4045 COLIFORM bacteria in pasteurized milk. (A symposium.) N. Y. State Assoc. Milk Sanit. Ann. Rpt. (1944) 18: 125-168. 1945. 44.9 N4833  
Contents: Public health significance, by J. M. Sherman, p. 125-126, 130-132, 134; Unsuspected sources, by J. F. Jansen, p. 135-136, 138; Seasonal fluctuations, by C. W. Weber, p. 139-142, 144, 146, 148; As affected by using an acid detergent for can washing, by H. W. Lehmkuhl, p. 149-150, 152, 154-156; The utilization of laboratory control methods, by R. S. Breed, p. 157-158, 160-168.
- 4046 DODDS, C. L. Laboratory procedures and records at Wells Dairies Co-operative. Milk Dealer 34(8): 36, 60. May 1945. 44.8 M595  
Milk analysis.
- 4047 FOUTS, E. L., and FREEMAN, T. R. Coliform organisms in dairy products and their control. J. Milk Technol. 8: 89-94. Mar./Apr. 1945. 44.8 J824
- 4048 GOULD, I. A. Lactic acid in dairy products. III. The effect of heat on total acid and lactic acid production and on lactose destruction. J. Dairy Sci. 28: 367-377. May 1945. Ref. 44.8 J822
- 4049 GOULD, I. A., and FRANTZ, R. S. Some relationships between pH, titrable acidity, and the formol titration in milk heated to high temperatures. J. Dairy Sci. 28: 387-399. May 1945. 44.8 J822
- 4050 HOOD, E. G. Effect of cooling on extent of fat dispersion in agitated milk. Canad. Dairy and Ice Cream J. 24(4): 34-35. Apr. 1945. 44.8 C162
- 4051 JOHNS, C. K. Observations concerning the methylene-blue reduction test. J. Milk Technol. 8: 80-84. Mar./Apr. 1945. Ref. 44.8 J824
- 4052 KERR, J. M. Milk testing by the Babcock method. Victoria. Dept. Agr. J. 43: 113-116. Mar. 1945. 23 V66J
- 4053 LARSON, R. A. Variations in the fat test of milk. Dairy World [Chicago] 23(12): 28-30. May 1945. 44.8 D1423
- 4054 LYTHGOM, H. C. Routine examination of milk for added water. J. Milk Technol. 8: 101-107. Mar./Apr. 1945. 44.8 J824
- 4055 MORRIS, C. S. The presence in raw milk of a bactericidal substance specific for certain strains of coliform organisms and the comparative rate of growth of bacteria in raw and pasteurised milk. Dairy Indus. 10: 180-181. Mar. 1945. 44.8 D1427
- 4056 \*MOSIMANN, W. Wesen und bedeutung der bakteriophagie mit einem abriß über ihre rolle in verschiedenen zweigen der technischen milchverwertung. Schweiz. Milchtzg. 71: 123-126. Mar. 30, 1945. 44.8 Sch92
- 4057 NEETHLING, H. L. Bacterial contamination of milk. So. African Dairyman 7: 82. Apr. 1945. 44.8 So822
- 4058 \*PIEN, J. La graduation des butyromètres à crème; un nouveau modèle de butyromètre. Lait 24: 139-146. Apr./June 1944. 44.8 L143  
Cream analysis.
- 4059 FYENSON, H., and TRACY, P. H. A 1,10-phenanthroline method for the determination of iron in powdered milk. J. Dairy Sci. 28: 401-412. May 1945. 44.8 J822
- 4060 ROBINSON, E. D., and GENUNG, E. F. The effect of temperature on coliform organisms in milk and cream. J. Milk Technol. 8: 97-100. Mar./Apr. 1945. 44.8 J824
- 4061 \*SCHNEIDER, K. Untersuchung der käse auf fettgehalt im käseereibetrieb. Schweiz. Milchtzg. 71: 22. Jan. 19, 1945. 44.8 Sch92
- 4062 SLATTER, W. L. Composite milk samples. Natl. Butter and Cheese J. 36(5): 58-59. May 1945. 286.85 B98Bu
- 4063 SMIT, B. J. Eliminate milk fat losses. So. African Dairyman 7: 65. Apr. 1945. 44.8 So822
- 4064 SPACKMAN, L. S. Heat resistant bacteria in milk; a report submitted to the Auckland Metropolitan Milk Council... 30th October, 1944. Austral. Milk and Dairy Prod. J. 12(2): 27-30. Feb. 1945. 44.8 Au72
- 4065 \*SWITZERLAND. EIDGENÖSSISCHE MILCHWIRTSCHAFTLICHE UND BAKTERIOLOGISCHE ANSTALT LIEBEFELD, BERN. Der milchgehalt im sommer 1944. Schweiz. Milchtzg. 71: 6. Jan. 5, 1945. 44.8 Sch92
- 4066 WEISER, H. H. Thermophilic and thermotolerant bacteria in pasteurized milk. (Abs.) Milk Dealer 34(8): 114-116. May 1945. 44.8 M595
- 4067 WILSON, F. L., and TANNER, F. W. Behavior of pathogenic bacteria in fermented milks. Food Res. 10: 122-134. Mar./Apr. 1945. Ref. 389.8 F7322
- 4068 WOOD, P. M., and MCKENZIE, D. A. The incidence of rejection standard milk as shown by the 10-minute Resazurin test. Dairy Indus. 10: 177-179. Mar. 1945. 44.8 D1427
- Consumption and Utilization
- 4069 ELLIS, M. G. Winnipeggers drink more milk. Family Herald and Weekly Star 76(9): 11. Feb. 28, 1945. 7 F21
- 4070 STITTS, T. G. The "whys" behind the latest changes in WFC-8. Ice Cream Trade J. 41(5): 30, 70-71. May 1945. 389.8 Ic2  
Utilization of milk solids-not-fat.  
Also in Ice Cream Field 45(5): 11, 48. May 1945. 389.8 Ic23
- Distribution, Marketing, and Transportation
- 4071 BARKER, E. M. Domestic and export possibilities of whole milk powder. Natl. Butter and Cheese J. 36(6): 44, 46, 48. June 1945. 286.85 B98Bu
- 4072 BEAL, S. W. [Milk] marketing efficiencies in country operations that should become a part of our post-war economy. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 61-64. 44.9 V593
- 4073 BRUBAKER, D. D. Closed corporations or dairy co-ops? News for Farmer Coops. 12(2): 11, 14. May 1945. 166.2 N47  
Also in Milk Prod. [Houston] 10(4): 1, 9. May 1945. 44.8 M5993
- 4074 DINGWALL, A. C. An appraisal of post-war prospects in the field of premium milk distribution. Amer. Milk Rev. 7: 172, 174, 176, 178, 180. May 1945. 44.8 Am38
- 4075 GOODFELLOW, W. A New Zealander's view of world butter-market post-war. Live Stock B., Apr. 2, 1945, p. 40-41. 23 F222
- 4076 HAMILTON, T. K. Streamlined milk delivery service an economic necessity. Milk Plant Monthly 34(5): 63-64, 67. May 1945. 44.8 C864  
Also in Amer. Milk Rev. 7: 160, 162, 164, May 1945 (44.8 Am38); in Dairy World [Chicago] 23(12): 17-18, 20, 54-56, May 1945 (44.8 D1423); and in Milk Dealer 34(8): 62, 64, 66, 68, May 1945 (44.8 M595).
- 4077 HARMON, E. M. Six roads to bigger dairy products sales. News for Farmer Coops. 12(2): 4, 18-19. May 1945. 166.2 N47
- 4078 HETRICK, H. F. Your expanded ice cream market. Ice Cream Field 45(5): 44, 46. May 1945. 389.8 Ic23
- 4079 HUTCHINSON, H. Market milk in West Virginia. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 22-23. 2 W522W
- 4080 JOHNSON, S. Milk distribution in six large cities of upstate New York. N. Y. Agr. Col. (Cornell) A. E. 517, 35 p., processed. Ithaca, 1945. 281.9 C81
- 4081 JOHNSTONE, E. A. Co-operatives in creamery field now and in post-war period. West. Farm Leader 10: 140-141. May 4, 1945. 280.28 W52



4082 MANDT, P. H. A giant among giants. Natl. Butter and Cheese J. 36(6): 26-27, 50, 52, 54, 56, 58, 60, 62, 64. June 1945. 286.85 B98Bu

Rochester Dairy Co-operative at Rochester, Minn.

4083 MELHUISH, V. P. Condensery provides new outlet for milk. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 7. 2 W522W

The condensery of the Carnation Milk Company.

4084 MERRILL, E. [Milk] marketing efficiencies in city operations that should become a part of our post-war economy. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 57-60. 44.9 V593

4085 NICHOLS, F. A. A British view of merchandising ice cream. Pacific Dairy Rev. 28(10): 64, 66. May 1945. 389.8 Ic22

4086 PAVÉ, S. La higienización de la leche. Indus. Lechera 26: 827-833, 835-836. Nov. 1944. 44.8 In26

Problems involved in supplying clean and pure milk to cities. Contains charts on the marketing process.

4087 STEBBINS, E. L. Problems in maintaining a safe and adequate milk supply for a large city. N. Y. State Assoc. Milk Sanit. Ann. Rpt. (1944) 18: 101-102, 104-106, 108. 1945. 44.9 N4833

4088 STECK, L. J. Research in milk marketing: a review. J. Farm Econ. 27: 453-462. May 1945. 280.8 J822

#### Grading, Inspection, Standardization, and Quality

4089 BALBO, F. C. In ice cream, it's the flavor that counts. Pacific Dairy Rev. 49(5): 14. May 1945. 286.85 P11

Also in Ice Cream Rev. 28(10): 54, 56, May 1945 (389.8 Ic22) and in Ice Cream Field 45(5): 26, 28, May 1945 (389.8 Ic23).

4090 CASTRO H., J. Sobre la necesidad de una revisión a las disposiciones vigentes para leches y derivados. Rev. de Med. Vet. [Bogotá] 13: 101-183. Sept./Dec. 1944. 41.8 R3214

Chapters include chemical composition of milk, milk as a food, indexes of consumption, bacteriology, adulteration, and legislation.

4091 DAVIS, J. G., NEWLAND, L. G., and WILBY, F. W. Oxygen tension and agitation as factors in milk, keeping quality experiments. Dairy Indus. 10: 182-183. Mar. 1945. 44.8 D1427

4092 DOWD, L. R. How permanent quality improvement may be achieved. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 11-15. 44.9 V593

4093 GETSON, S. F. Farmers want control of milk. Family Herald and Weekly Star 76(11): 13. Mar. 14, 1945. 7 F21

Summarizes a brief presented to the Nova Scotia Legislature by the Nova Scotia Farmers' Association's legislative committee.

4094 HARRINGTON, J. B. History and status of milk control program in West Virginia. W. Va. Dept. Agr. Market B., Spec. Dairy Ed., June 1945, p. 2, 25. 2 W522W

4095 \*KÜRSTEINER, J. Wie zwei Emmentalerkäse-rei-dampfbetriebe mit separater abfallrückgabe eine qualitätsproduktion erreichten und auf der höhe halten. Schweiz. Milchztg. 71: 17-18. Jan. 16, 1945. 44.8 Sch92

4096 MARQUARDT, J. C. The New York State Cheese Improvement Program. N. Y. State Assoc. Milk Sanit. Ann. Rpt. (1944) 18: 9, 12-14, 16. 1945. 44.9 N4833

4097 \*MATALIANA, S. Un problema de difícil solución: la mala calidad de la leche y sus peligros. Agricultura [Madrid] 14: 123-127. Mar. 1945. 15 Ag84

4098 MOLYNEUX, G. W. Local or centralized milk inspection. N. Y. State Assoc. Milk Sanit. Ann. Rpt. (1944) 18: 33-34, 36, 38-40, 42, 44-46. 1945. 44.9 N4833

4099 NEEL, L. R. If the southern dairyman is to go places, quality in dairy products must keep pace with quantity. South. Agr. 75(6): 9. June 1945. 6 S083

4100 ODERKIRK, A. D. After war milk control. Capper's Farmer 56(6): 10, 44. June 1945. 6 M693

4101 PARFITT, E. H. Sanitary standards program of the evaporated milk industry. J. Milk Technol. 8: 108-109. Mar./Apr. 1945. 44.8 J824

4102 POND, M. A. Structural versus operational inspections. N. Y. State Assoc. Milk Sanit. Ann. Rpt. (1944) 18: 109-110, 112-114, 116, 118-120, 122, 124. 1945. 44.9 N4833

4103 PONT, E. G. The keeping quality of tinned butter. Austral. Council Sci. and Indus. Res. J. 18(1): 53-61. Feb. 1945. 514 Au72J

4104 RIBEIRO, J. A. Atuação da Divisão de Inspeção de Produtos de Origem Animal (DIPOA) na indústria de laticínios. Rev. dos Criadores 16(3): 40, 42-44. Mar. 1945. 43.8 R32

4105 SPENCER, K. P. Federal regulation of milk. (Excerpts.) Milk Dealer 34(8): 119-123. May 1945. 44.8 M595

4106 \*STUSSI, D. Der qualitätsstand der Flormilchbutter 1942/44. Schweiz. Milchztg. 71: 111-112, 116, 120, 128, 136, 144. Mar. 23-Apr. 4, 11-13, 1945. 44.8 Sch92

#### Packing and Packaging

4107 DINGWALL, A. C. Square bottle aids in sales of homogenized vitamin D milk. Amer. Milk Rev. 7: 166, 168. May 1945. 44.8 Am38

4108 HAMILTON, F. W. Is the square milk bottle suitable for Canadian use? An experiment with the square milk bottle in Canada, to determine its practicability and acceptance under actual operating conditions. Canad. Dairy and Ice Cream J. 29(4): 30-33. Apr. 1945. 44.8 C162

#### Prices, Price Control, and Rationing

4109 \*E. Die bezahlung der milch nach qualität und gehalt. Schweiz. Milchztg. 71: 25-26. Jan. 23, 1945. 44.8 Sch92

4110 \*SWARTLING, P. Kvalitetsbetalning av mjölk efter karotinhalt är genomförbar. Forsök och Forskning 2: 35-38. Mar. 1945. 11 F77

Carotene content used in paying producers for milk.

4111 \*WH. Der milchpreis. Schweiz. Milchztg. 71: 131-132. Apr. 6, 1945. 44.8 Sch92

#### Processing and Storage

4112 BAGNALL, MRS. N. Goat milk butter-making. Smallholder 73(1833): 18. May 4, 1945. 10 Sml

4113 BEHMER, M. L. A. Fabricação de queijos; "considerações gerais." Rev. Rural Bras. 25(293): 30-35. Jan. 1945. 9.2 B733

4114 BIRD, E. W. The manufacture of butter from sour cream. Natl. Butter and Cheese J. 36(5): 34-36; (6): 29-30, 70, 72, 74. May, June 1945. 286.85 B98Bu

4115 BRYSON, B. S. Let's make cheese. Ark. Farmer 47(5): 18-19. May 1945. 6 Ar42

4116 CAFFYN, J. E. The measurement of some physical properties of curd and cheese during manufacture of cheese. Dairy Indus. 10: 257-265. Apr. 1945. 44.8 D1427

4117 CELORA, A. T. Como se fábrica queso en la chacra. Mendoza (Prov.). Dir. de Indus. y Fomento Agr. B. Agr. 12: 339. June/Sept. 1944. 9 M52B

4118 CODONI, J. A. Sobre las leches acidófilas. Sancer 3(32): 5-7. (Concl.) Feb. 1945. 280.28 R222

4119 CORÁ, F. Buena mantequilla. Manabí, Ecuador. Consorcio de Cent. Agr. B. 6(41): 9-15. Jan./Mar. 1945. 9.5 M31

Butter manufacture.

4120 FISCHER, H., and STAUB, M. Ausfrieren von milch auf solenkühlern als ursache von milchwässerungen. Schweiz. Milchztg. 71: 171. May 1, 1945. 44.8 Sch92



- 4121 FRISCHKNECHT, C. Use of dried eggs in ice cream. Ice Cream Rev. 28(10): 41, 58, 60. May 1945. 389.8 Ic22  
Also in Nulaid News 23(2): 13-14. May 1945. (47.8 N917); South. Dairy Prod. J. 37(6): 34-35, 48. June 1945. 44.8 So83
- 4122 GOULD, I. A. The formation of volatile acids in milk by high-temperature heat treatment. J. Dairy Sci. 28: 379-386. May 1945. 44.8 J822
- 4123 HOLLOWAY, J. W. T. Notes on cheese making. East African Agr. J. 10: 207-213. Apr. 1945. 24 Ea74
- 4124 MANDT, P. H. Quality cheesemaking on a really big scale. Natl. Butter and Cheese J. 36(5): 32-33, 76, 78, 80-81. May 1945. 286.85 B98Bu  
Pure Milk Products Co. at Winsted, Minn.
- 4125 MANITOBA. DEPT. OF AGRICULTURE AND IMMIGRATION. DAIRY BRANCH. Producing the best cream. Manitoba. Dept. Agr. and Immigr. P. 195, 6 p. Winnipeg, 1945. 275.29 M313  
Care and handling and factors affecting variations in fat percentage.
- 4126 MARQUARDT, J. C. Frozen curds boost cheese production; enable cottage cheese manufacturers to meet demand during Lenten season, which arrives before the period of heavy milk production. Food Indus. 47: 501. May 1945. 389.8 F737
- 4127 MOULD, A. H. Modern milk sterilisation. Milk Indus. 25(11): 25-27. May 1945. 44.8 M593
- 4128 NETTO, F. A. O problema do leite e a pasteurização. Rev. dos Criadores 16(3): 37-40. Mar. 1945. 43.8 R32
- 4129 NICHOLS, A. A. The control of slowness in cheesemaking. (Abs.) Dairy Indus. 10: 250-255, 265. Apr. 1945. 44.8 D1427
- 4130 ODERKIRK, A. D. Dry buttermilk in Iowa. Iowa Farm Econ. 11(5): 12-13, 15. May 1945. 275.28 Io92
- 4131 ORMOND, J. I. How to improve the quality of dry buttermilk. Natl. Butter and Cheese J. 36(5): 38-39. May 1945. 286.85 B92Bu
- 4132 PURSER, R. Cheese quality important; all stages in the handling of milk must be watched to keep down harmful bacteria. Family Herald and Weekly Star 76(19): 7. May 9, 1945. 7 F21
- 4133 RAMÍREZ S., C. A. Importancia del cuajo en la industria quesera. Agrario 9(355): 5, 7; (356): 8-9. Feb. 15, 28, 1945. 9.3 Ag85
- 4134 RAMSEY, R. J. Plant pointers. (Abs.) Ice Cream Trade J. 41(5): 32, 69-70. May 1945. 389.8 Ic2  
Ice cream manufacture.
- 4135 TRACY, P. H. Present development of the dried milk and milk products industries in the U.S.A. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 16-23. 44.9 V593
- 4136 TUMMON, C. R. Milk and cream cooling. Queensland Agr. J. 60: 94-96. Feb. 1, 1945. 23 Q33
- 4137 VAZQUEZ PONCE, A. Fuentes de contaminación de la leche en el tambo. Suelo Argentino 4: 88-89. Feb. 1945. 9 Su2
- Statistics
- 4138 HAND, C. H. Cream production; decline in Tasmania. Tasmanian Fruitgrower & Farmer 21, 1. e. 30(261): 22-23. Mar. 15, 1945. 23 T185  
Statistics of the industry.
- FEED AND FORAGE CROPS
- 4139 AKERMAN, A. The fodder situation in Sweden. Imp. Bur. Pastures and Forage Crops. B. 33, p. 6. Mar. 1945. 64.8 Im7
- 4140 ATKINSON, L. J. The marginal feed cost of pork and lard. J. Farm Econ. 27: 375-387. May 1945. 280.8 J822
- 4141 BARON-HAY, G. K. The fodder question in Australia. West Austral. Wheatgrower 14(42): 3. Feb. 8, 1945. 23 W523
- 4142 BOBBY, F. C. Shortage of food for poultry. New Zeal. J. Agr. 70: 315-316. Mar. 15, 1945. 23 N48J
- 4143 BUTLER, M. How to increase your volume and profit. Feedstuffs 17(18): 49-51. May 5, 1945. 286.81 F322  
Post-war feed merchandising.
- 4144 COLEMAN, F. B. Rationing meat meals and mill offals. Queensland Agr. J. 60: 172-173. Mar. 1, 1945. 23 Q33
- 4145 CUNNINGHAM, L. C. Feed prospects for this summer. Grain and Feed J. Consolidated 94: 403. May 23, 1945. 292.8 G762
- 4146 EALES, H. C. The Feed Department, Poultry Producers of Central California. Nulaid News 22(11): 25-27. Feb. 1945. 47.8 N917  
The feed situation.
- 4147 HOSTERMAN, W. H. Federal hay inspection. U. S. War Food Admin. Mktg. Activ. 8(5): 15-18, processed. May 1945. 1.942 A8M34
- 4148 PACINI, A. E. Alert feed men should prepare to make use of air transport after war. Feed Bag 21(5): 55-56. May 1945. 389.78 F32
- 4149 \*W., A. Die kraftfutterzuteilung an gewerbliche Schweinehaltungen pro sommer 1945. Schweiz. Milchztg. 71: 108. Mar. 23, 1945. 44.8 Sch92
- FIBERS AND TEXTILES
- 4150 ABBOTT, J. Future of the [Australian] wool industry. (Sum.) West Austral. Wheatgrower 14(41): 1, 4. Feb. 1, 1945. 23 W523
- 4151 ABBOTT, J. Wool's place in Australia's economy. (Sum.) West Austral. Wheatgrower 14(42): 2. Feb. 8, 1945. 23 W523
- 4152 ABBY, C. Let us guard our wool income. Small Stock Mag. 29(5): 26. May 1945. 48.8 P442  
Prices and market for the domestic Angora wool.
- 4153 \*AIYER, V. G. R. Hand spinning in the Madras Presidency. Indian Textile J. 55(653): 294-296. Feb. 1945. 304.8 In2  
Includes costs and returns of cotton spinning.
- 4154 ANCONA PÉREZ, A. Historia del sisal mexicano. II. Sisal de Yucatán 6(62): 12-13. Feb. 1945. 73.8 Si83
- 4155 ARGUELLO CASTAÑEDA, F. Aspectos de la actual situación algodonera mundial. Rev. de Econ. 8(1/2): 39-40. Feb. 28, 1945. 280.8 R3293
- 4156 ASHTON, H. New concepts for spun rayon yarns. Textile Weekly 35: 924, 926. May 18, 1945. 304.8 T3127  
Also in Rayon Textile Monthly 26: 222-223. May 1945. 304.8 R21
- 4157 \*BAKUN, N. Grebnechesanie krossbrednoí shersti na obradovanii fabrik frantsuzskogo sposoba priadeniia. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(4/5): 22-23. Apr./May 1945. 304.8 T23  
Combining of crossbred wool in factories which use the French method of spinning.
- 4158 BEACH, R. O. Beach urges agreement on cotton program now. (Excerpts.) Cotton Digest 17(32): 4, 8. May 5, 1945. 286.82 C822
- 4159 BIMPSON, W. H. General survey of cotton spinning and doubling. Textile J. Austral. 20(1): 28-30. Mar. 15, 1945. 304.8 T3134  
Includes processing of the fiber.
- 4160 BLUNN, C. T., and GRANDSTAFF, J. O. Comparison of the yields of side samples from weaning and yearling sheep. Amer. Soc. Anim. Prod. J. Anim. Sci. 4: 122-127. May 1945. 49 J82
- 4161 \*BOL'SHAPOV, B. A., and ZERNOVA, E. I. Priadeniie korotkogo volokna v chistom vide. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(1/2): 11-13. Jan./Feb. 1943. 304.8 T23  
Spinning of short flax fiber.



- 4162 BONNET, F. Co-operation of associated industries in the growth and development of rayon. Rayon Textile Monthly 26: 219-221. May 1945. 304.8 R21
- 4163 BOSMAN, L. V. South African woolgrowers must be prepared for post-war era; synthetic fibres are on the march. (Excerpts.) Farmer (Pietermaritzburg) 33(14): 1, 7. Apr. 7, 1944. 24 F227
- 4164 BOUVET, R. Recent developments in synthetic fibers and their use in fabrics of the future. Amer. Dyestuff Rptr. 34: P187-P188, P193. May 7, 1945. 306.8 Am3
- 4165 BOYD, D. T. The new wool problem in Australia. 1 - Need for more scientific promotion; post-war publicity and marketing. West Austral. Wheatgrower 14(32): 2. Nov. 23, 1944. 23 W523
- 4166 CALDERWOOD, A. Home dyeing of Angora wool. Small Stock Mag. 29(5): 4. May 1945. 48.8 P442
- 4167 CARMICHAEL, D. G. Aralac. Amer. Dyestuff Rptr. 34: P171-P175. Apr. 23, 1945. 306.8 Am3  
Discussion, p. P175-P176.
- 4168 CHATTERON, E. R. Kraftcord yarns give good results as hemp substitute. Textile Age 9(4): 56, 58. Apr. 1945. 304.8 T3132
- 4169 CHEATHAM, R. J. Maintaining cotton consumption through increased efficiency in manufacture. Cotton Res. Cong. Proc. (1944) 5: 71-78. 72.9 C825
- 4170 COOPER, M. R. Fiber production and consumption in the United States. Cotton Res. Cong. Proc. (1944) 5: 116-125. 72.9 C825
- 4171 COOPER, M. R., and PORTER, H. G. Rayon production in recent years. Agr. Situation 29(5): 14-17. May 1945. 1 Ec7Ag
- 4172 COOPER, M. R., and PORTER, H. G. World War II pushed rayon industry to new highs during recent years. Cotton Trade J. 25(16): 1, 3. Apr. 21, 1945. 72.8 C8214
- 4173 COX, A. B. Outlook for Texas cotton 1945-46. Tex. Business Rev. 19(4): 5. May 1945. 290.8 T312
- 4174 CRONSHAW, C. J. T. Mather lecture of the Textile Institute; pattern for industry. Textile Mercury and Argus 112: 551. May 11, 1945. 304.8 T318
- 4175 DEAN, J. D., STRICKLAND, W. B., and BERARD, W. N. The soil burial test for rot-proofed cotton fabrics. Amer. Dyestuff Rptr. 34: 195-201. May 7, 1945. 306.8 Am3
- 4176 ESCRITÓRIO DE PROPAGANDA E EXPANSÃO COMERCIAL DO BRASIL EM NOVA YORK. Programa de subvenção à exportação do algodão norte-americano. Rev. do Algodão 10(97): 4-12. Feb. 1945. 72.8 R322
- 4177 EVANS, O. R. A future for [Canadian] flax fibre; provincial and national committees have now been formed to improve markets for fibre flax. Family Herald and Weekly Star 76(10): 5. Mar. 7, 1945. 7 F21
- 4178 EVERETT, C. K. Converters have assured the prosperity of cotton. Textile Colorist 67: 764-765. May 1945. 306.8 T31
- 4179 \*FABINYI, R. Die marktlage und die verwertung der schafwolle in Ungarn. Ungar. Wirtsch.-Jahrb. (1943) 19: 108-112. 280.8 Un35
- 4180 FISHER, A. J. Australian wool is too cheap, United States growers declare. West Austral. Wheatgrower 14(38): 6. Jan. 11, 1945. 23 W523
- 4181 FORSTMANN, C. E. Stabilization or chaos in the wool industry? Colo. Wool Grower and Market-er 11(2): 3; (3): 8. Apr., May 1945. 280.38 C71
- 4182 GARRARD, W. M. Premiums and discounts. Staple Cotton Rev. 23(4): 1-3. Apr. 1945. 72.8 St22  
Effect of Government loan and purchase policy on cotton prices.
- 4183 GELLES, B. Quality, prices will fix position of U. S. cotton. Cotton Digest 17(31): 10. Apr. 28, 1945. 286.82 C822
- 4184 GETSON, S. F. Early shearing said profitable. Family Herald and Weekly Star 76(18): 10. May 2, 1945. 7 F21  
Chiefly on the wool marketing system in Canada.
- 4185 GIDDINGS, V. P., JR. Mildewproofing. Amer. Dyestuff Rptr. 34: 220-221. May 21, 1945. 306.8 Am3  
Treatment of textiles.
- 4186 GILCHRIST, G. The cotton future of Texas. Aoco Press 23(4): 5-7. Apr. 1945. 6 Ac2
- 4187 GROVER, E. B., and DUNLAP, G. H. Cotton carding: production and its effect on quality. Textile Res. J. 15: 97-162. Apr. 1945. 304.8 T293
- 4188 GWALTNEY, E. C. A long range look into the future of cotton spinning. Cotton Res. Cong. Proc. (1944) 5: 79-87. 72.9 C825  
Reduction of costs in spinning operations.
- 4189 HADDON, C. B. Cotton isn't just a southern problem. Farm for Victory, No. 17, p. 14-15. Apr. 1945. 281.8 F226
- 4190 HAND, J., JR. Some economic and social aspects of mechanized cotton production. Farm for Victory, No. 17, p. 9. Apr. 1945. 281.8 F226
- 4191 HAWKER, H. W. The queen of all fibers. Farm and Ranch 64(5): 25-26. May 1945. 6 T31  
Ramie.
- 4192 \*HEIDENDAHL, N. M. Linprodukternas av-sättning tryggt till och med 1948. Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige och Gästrikland 15(13): 1, 10. Mar. 31, 1945. 11 J762  
The future of the flax industry in Sweden.
- 4193 HELLIWELL, E. H., and BALL, H. J. Cotton combing becomes prerequisite of quality yarns. Textile World 95(5): 112-113, 202, 204. May 1945. 304.8 T315
- 4194 HERBERT, G. The [Australian] wool levy, an inadequate gesture. West Austral. Wheatgrower 4 (31): 4. Nov. 16, 1944. 23 W523
- 4195 HETH, S. C. Flax straw - a source of income and how to harvest. Agr. Engin. 26: 190. May 1945. 58.8 Ag83
- 4196 HOUSTON, S. N. Labelling of wool products; legislation lag; obstructive propaganda; importance to Australia. Textile J. Austral. 20(1): 3-7. Mar. 15, 1945. 304.8 T3134
- 4197 HUDSON, J. F. Grade and staple length of Louisiana cotton. La. State U. La. Rural Econ. 7 (2): 4, 6. May 1945. 281.8 L93
- 4198 \*INDIA. DEPT. OF COMMERCE., The Indian cotton mill industry; its potentialities as a source of supply for piecegoods to the East and Near East Empire markets during the war. India. Dept. Com. Booklet 2, 34 p. Bombay, n. d. 280.9 In277
- 4199 \*INDIA. DEPT. OF COMMERCE., The jute industry in India. India. Dept. Com. Booklet 3, 14 p. Bombay, n. d. 280.9 In277
- 4200 JETER, F. H. North Carolina cotton growers make a stand. Farm for Victory, No. 17, p. 11-12. Apr. 1945. 281.8 F226  
Problems of the cotton industry.
- 4201 JOHNSTON, A. The future of wool. Mont. Wool Grower 19(5): 7, 20-24. May 1945. 45.8 M762
- 4202 \*KARASEV, D. M., and KUT'IN, V. M. Novyi tip korda [New kind of tire fabric]. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(3): 15-17. Mar. 1943. 304.8 T23  
Processing of cotton fibers.
- 4203 KNOWLTON, H. S. "Get more wool top!" says Gen. Gregory. Textile World 95(5): 104-106. May 1945. 304.8 T315
- 4204 \*LEZHEBRUKH, G. O. O suchenii apparatnoi rovnitsy. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(6): 8-10. June 1943. 304.8 T23  
Wool spinning.



- 4205 \*LUNDBERG, C. G. Den svenska ullen och det rätta priset. Lantmannen 29: 256. Mar. 17, 1945. 11 L234  
Swedish wool prices.
- 4206 LUTJOHANN, C. E. Algo más sobre el Mercado de Algodón [de Buenos Aires]. Gac. Algodonera 22(254): 23-25. Mar. 31, 1945. 72.8 G11
- 4207 MCCOMB, B. Fundamentals in blending new synthetic fibers. Rayon Textile Monthly 26: 225-226. May 1945. 304.8 R21
- 4208 MCMAHON, P. R. Artificial fiber and the future of wool. Sheep Breeder 65(5): 3-4, 10-11. May 1945. 45.8 Am31
- 4209 MATHER, W. H. Scientific knowledge is needed at London conference, says wool expert. Farmer and Settler 40(9): 4. Mar. 29, 1945. 23 F226  
The Australian wool industry situation.
- 4210 MIEGE, E. En marge de la culture cotonnière; l'utilisation des sous-produits. Fruits et Primeurs de l'Afrique du Nord 15: 56-57. Mar. 1945. 80 F9482
- 4211 MORAZAIN, J. Fibre flax firms aided in Canada. Family Herald and Weekly Star 76(20): 12. May 16, 1945. 7 F21
- 4212 MURCHISON, C. T. Murchison sees expanded output of textiles ahead. Cotton Digest 17(31): 9, 28. Apr. 28, 1945. 286.82 C322  
Post-war cotton industry prospects.
- 4213 MURCHISON, C. T. Why cotton week? Acco Press 22(5): 11-12. May 1945. 6 Ac2
- 4214 NEISE, A. C., LEDINGHAM, G. A., and MACKEY, A. G. Dimethylglyoxime-copper treatment for rot-proofing fabrics. Canad. J. Res. Sect. F, Technol. 23: 198-201. May 1945. 470 C16F
- 4215 NORDSKOG, A. W., CLARK, R. T., and VAN HORN, L. Sampling wool clips for clean yield by the core boring method. Amer. Soc. Anim. Prod. J. Anim. Sci. 4: 113-121. May 1945. 49 J82
- 4216 NUTE, A. D. Shrinkage control of wool. Amer. Dyestuff Rptr. 34: P167-P170, P176. Apr. 23, 1945. 306.8 Am3
- 4217 UCAMPO, A. La industria del lino. Peru. Dir. de Agr. Inform. Agr. 2(6): 1-2. Mar./Apr. 1944. 9.8 p434
- 4218 O'DONNELL, C. Domestic mills see greater consumer, industrial trend. Cotton Trade J. 25(20): 7. May 19, 1945. 72.8 C3214  
Cotton prospects.
- 4219 OLIVÉ, C. F. "El problema de los envases en la República Argentina." Bolsa de Com., Buenos Aires. B. 91: 1040-1042. Mar. 12, 1945. 287 B863B  
On the jute sacking shortage.  
Also in Bolsa de Com., Rosario. Rev. 33(796): 21-23. Mar. 15, 1945. 287 R71
- 4220 \*PAVLOV, N. T. Ob uvelichenii chastnykh vytyazhek na vaterakh. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(6): 10-11. June 1943. 304.8 T23  
Cotton spinning.
- 4221 PETERSON, R. F., and others. Textile fiber from casein; factors affecting tensile strength. Indus. and Engin. Chem. Indus. Ed. 37: 492-496. May 1945. 381 J825  
T. P. Caldwell, N. J. Hipp, R. Hellbach, and R. W. Jackson, joint authors.
- 4222 PICKETT, F. N. Synthetic fibres. Rubber Age and Synthetics 26: 70. (To be cont.) May 1945. 305.8 R825
- 4223 POHLE, E. M., HAZEL, L. N., and KELLER, H. R. The influence of location and size of sample in predicting whole-fleece clean yields. Amer. Soc. Anim. Prod. J. Anim. Sci. 4: 104-112. May 1945. 49 J82
- 4224 POWERS, D. H. What we may expect from resins in the treatment of cotton. Amer. Dyestuff Rptr. 34: P191-P193. May 7, 1945. 306.8 Am3
- 4225 \*RAO, V. R. The Indian cotton textile industry. (1880-1939.) Indian Textile J. 55(653): 305-307. Feb. 1945. 304.8 In2
- 4226 RICKARD, J. A. "Uncle Sam asked for flax." Farm and Ranch 64(5): 1, 32. May 1945. 6 T31
- 4227 ROBERT, A. C. Ramie and aluminum contend in the battle of the fibers. Textile Age 9(4): 74, 76, 78-79. Apr. 1945. 304.8 T3132
- 4228 ROBINSON, J. L. Savings pay for a gin plant. News for Farmer Coops. 12(3): 13-14. June 1945. 166.2 N47  
The Neshoba County (Miss.) Gin Association.
- 4229 SCROGGIE, A. G. Rayon--what is it? Textile Age 9(4): 42, 44, 46. Apr. 1945. 304.8 T3132
- 4230 SCULL, H. G., and SMITH, H. D. Modern methods of dyeing some manufactured fibres. Rayon Textile Monthly 26: 189-190. (To be cont.) Apr. 1945. 304.8 R21
- 4231 SMITH, C. C., and MCNAMARA, H. C. Shall we grow long cotton or short. Staple Cotton Rev. 23(4): 5-9. Apr. 1945. 72.8 St22  
Staple cotton.
- 4232 SMITH, Y. F. Exit wool? Textile J. Austral. 19: 470-471. Feb. 15, 1945. 304.8 T3134  
On the competition between wool and synthetic fibers.
- 4233 SOMERS, J. Flax growing presents opportunities for farmers, mill and factory workers. Farmer and Settler 40(11): 5. Apr. 13, 1945. 23 F226  
The industry in Australia.
- 4234 SPANGENBERG, J. Ensayos de lino de fibra en el Uruguay; resultados obtenidos. Montevideo. U. Facul. de Agron. Rev., No. 37, p. 83-151. Aug. 1944. 102.5 M76R
- 4235 \*TENDEIRO, J. O problema dos lanifícios em Portugal. Rev. de Med. Vet. [Lisboa] 39: 521-530. Oct./Dec. 1944. 41.8 R3215  
Development of the textile industry.
- 4236 TEPLITZ, I. The future of real silk in America. Rayon Textile Monthly 26: 180-181. Apr. 1945. 304.8 R21
- 4237 THOMASSET, L. F. El vellón en el Romney Marsh. Asoc. Rural del Uruguay. Rev. 72(1/2): 23-27. Jan./Feb. 1945. 9.9 As5
- 4238 THOMPSON, T. E. The wool industry; some likely trends in post-war development. Textile Rec. 42(745): 43. (Concl.) Apr. 1945. 304.8 T311
- 4239 TRAILL, D. "Ardil" a synthetic "wool." Monkey mts to supply clothing. Scot. Farmer 53: 607. May 12, 1945. 10 Sco8
- 4240 TREMAINE, H. M. Postwar fate of cotton. Mag. Wall St. 76: 130-131, 159. May 12, 1945. 286.8 M27
- 4241 \*VIKTOROV, P. P. O zamenitelakh edkogo natra v professe belenifa tselluloznykh volokon; o kislotnom metode ochistki [Concerning substitutes for sodium hydroxide in the bleaching process of cellulose fibers; on the acid method of cleaning]. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(1/2): 18-22. Jan./Feb. 1943. 304.8 T23
- 4242 \*VIKTOROV, P. P. O zamenitelakh edkogo natra v professe belenifa tselluloznykh volokon; primeneniye kislykh rastvorov gipokhlrita [Concerning substitutes for sodium hydroxide in the bleaching process of cellulose fibers; use of acid solutions of hypochlorite]. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(3): 12-15. Mar. 1943. 304.8 T23
- 4243 WALLER, M. A new synthetic fibre [Ardil]. Textile J. Austral. 20(1): 33-34. Mar. 15, 1945. 304.8 T3134
- 4244 WARD, A. L. Sees cotton continuing to grow in service to world. Cotton Digest 17(32): 6, 14. May 5, 1945. 286.82 C822
- 4245 WESTBROOK, E. C. Cotton and its post war competition. Textile Colorist 67: 762-763, 795. (To be cont.) May 1945. 306.8 T31
- 4246 WILSON, D. Modern practice in wool scouring. Textile Rec. 42(745): 41-42, 65. Apr. 1945. 304.8 T311



- 4247 WILSON, J. F. More about Australia. Natl. Wool Grower 35(5): 9-10. May 1945. 45.8 N21N Wool situation.
- 4248 WOOTEK, W. A. South's economic status promises favorable future. Cotton Digest 17(31): 16-17. Apr. 28, 1945. 286.82 C822 Chiefly on the cotton situation.
- 4249 WRIGHT, J. W. Possibilities for reducing costs of distribution of cotton. Cotton Res. Cong. Proc. (1944) 5: 47-55. 72.9 C825
- 4250 \*ZOTIKOV, V. E. Obrynost' i bor'ba s nel' v tseliakh povysheniya proizvoditel'nosti truda. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(4/5): 8-10; (6): 7-8. (To be cont.) Apr./May, June 1943. 304.8 T23 Control of the breaking of cotton fibers as a means of increasing production.
- FRUITS, VEGETABLES, AND NUTS
- 4251 ADAIR, W. Potato shortage arrives; markets may be bare for six weeks. Farming News and North Brit. Agr. 97(17): 3. Apr. 20, 1945. 10 N82
- 4252 \*ALMEIDA, C. R. M. DE. A conservação e a valorização das frutas e produtos hortícolas. Portugal. Junta Nac. das Frutas. B. 4(6): 9-11. June 1944. 286.3939 P83
- 4253 \*AMARAL, V. S. G. DO. Produção de batata-semente; organização dos produtores e da produção. Portugal. Junta Nac. das Frutas. B. 4(6): 3-8. (Cont.) June 1944. 286.3939 P83
- 4254 ANDERSON, E. Pinole. Herbarist, No. 11, p. 33-39. 1945. 80 H41
- 4255 ANGELL, G. N. Thirty-five acres is a lot of celery. Oreg. Farmer 68: 273. May 17, 1945. 6 Or32 Celery production on an Oregon farm.
- 4256 BOND, M. C. Vegetable production in New York. N. Y. Agr. Col. (Cornell) A. E. 442, rev. ed. 44 p., processed. Ithaca, 1945. 281.9 C81
- 4257 BOWMAN, F. T. Some varietal aspects of Australian apple production. Austral. Inst. Agr. Sci. J. 11(1): 16-23. Mar. 1945. 23 Au74 Production and trade of varieties.
- 4258 CAGLE, A. J. Vegetable crops. Wash. State Col. Ext. Timely Econ. Inform., No. 50, p. 13-14. May 1945. 275.29 W27T
- 4259 CHANDLER, J. What is ahead for apple growers. Mich. State Hort. Soc. Ann. Rpt. (1944) 74: 81-86. 1945. 81 M58
- 4260 CONNECTICUT. DEPT. OF AGRICULTURE. BUREAU OF MARKETS. Connecticut vegetable industry and its outlook for 1945. Conn. Dept. Agr. B. 88, 19 p. Hartford, 1945. 2 C76B
- 4261 CORNELL, E. M. La accidentada y curiosa historia de las papas. Campesino [Santiago, Chile] 76: 149-150. Mar. 1945. 9.3 Sol2
- 4262 CROCE, F. M. La fruticultura mendocina. Chacra 15(173): 32-33. Mar. 1945. 9 C34
- 4263 CROCE, F. M. La viticultura en Mendoza. Chacra 15(173): 40-41. Mar. 1945. 9 C34
- 4264 DEVAULT, S. H. Safeguarding orchard investment in postwar period. Md. Fruit Grower 15 (2): 1-2, 4, 6. Apr./May 1945. 80 M36
- 4265 ELLIS, M. G. Melons help farmers in Okanagan Valley [Canada]; since the last war special fruit crops have brought prosperity to this district. Family Herald and Weekly Star 76(20): 3, 4. May 16, 1945. 7 F21
- 4266 EVANS, O. R. Fruit growers aim to advertise; [Quebec] Pomological [and Fruit Growing] Society wants right to tax each bushel fruit for publicity purposes. Family Herald and Weekly Star 76(6): 8. Feb. 7, 1945. 7 F21 Account of the Society's annual meeting.
- 4267 FISHER, A. H. Treetop bounty. Inter-Amer. 4(6): 28-29, 40. June 1945. 280.8 In85 The Brazil nut industry in the Amazon Basin.
- 4268 FLEXNER, M. W. And so - tomatoes. Amer. Cookery 49, 1. e. 50(6): 18-19. Feb. 1945. 389.8 B65
- 4269 FRENCH, E. R. Public relations and peach- es. Natl. Peach Council. Peach Ann. 1945: 28-29. 281.3939 N21
- 4270 HAWKES, M. E. Fruit men study legisla- tion; Canadian Horticultural Council examines wartime controls and suggests remedies for troubles. Family Herald and Weekly Star 76(7): 4, 15. Feb. 14, 1945. 7 F21
- 4271 HECTOR, J. M. Citrus Board thoroughly democratic body. Farmer [Pietermaritzburg] 33(15): 8; (16): 10. Apr. 14, 21, 1944. 24 F227
- 4272 HEINICKE, A. J. Long term planning for New York State's fruit industry. N. Y. State Hort. Soc. Proc. (1945) 90: 263-268. 81 N484
- 4273 HIATT, S. W. Progress in Florida vegeta- ble production. For Sale, Want and Exch. B. 4(3): 1. May 1, 1945. 280.38 F74
- 4274 HONORIO BOSSIO, J. Algunos aspectos eco- nómicos de nuestra fruticultura. (Broadcast.) Corp. Frutícola Argentina. Rev. Ofic. 11(122): 15-17. Feb. 22, 1945. 83 C81
- 4275 HYSON, C. D., and SANDERSON, F. H. Monop- olistic discrimination in the cranberry industry. Q. J. Econ. 59: 330-369. May 1945. 280.8 Q2
- 4276 JOHNSTON, S. The future of the Michigan fruit industry. Mich. State Hort. Soc. Ann. Rpt. (1944) 74: 13-21. 1945. 81 M58
- 4277 JONES, S. H. Future of the sweet potato in the South. South. Weekly 45(17): 6-9. May 2, 1945. 280.8 So852
- 4278 KERLIKOWSKIE, E. L. Peach promotion for Michigan. Natl. Peach Council. Peach Ann. 1945: 27. 281.3939 N21
- 4279 LAMERS, T. C. N. L'arrowroot et l'indus- trie de sa féculé. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 1: 83-88. Nov. 1944. 8 R327
- 4280 LYMAN, J. National Apple Institute - a necessity. N. Y. State Hort. Soc. Proc. (1945) 90: 282-285. 81 N484
- 4281 MILLER, C. R. Promotion for the Appalachi- an area. Natl. Peach Council. Peach Ann. 1945: 27-28. 281.3939 N21 Peaches.
- 4282 MILLER, C. R. Trends in the peach indus- try. Natl. Peach Council. Peach Ann. 1945: 34-36. 281.3939 N21
- 4283 NISSLEY, C. H. The New Jersey Ten-Ton Tomato Club - its origin, management and accom- plishments. Canad. Hort. & Home Mag. 68: 97-98. Apr. 1945. 80 C16
- 4284 PARKINSON, A. H. Some war-time problems of British market gardeners. Market Growers J. 74 (5): 12, 39. May 1945. 6 M34
- 4285 PUNDT, H. M. Vegetables in wintertime. Amer. Cookery 49, 1. e. 50(6): 16-17, 55. Feb. 1945. 389.8 B65
- 4286 RICE, W. S. Adverse weather conditions threaten prune and peach crops; apricot report indef- inite due to late bloom this year. Sunsweet Stand- ard 38(12): 6-7. May 1945. 286.83 So7
- 4287 SCHRUMPF, W. E. The potato situation. Maine. Agr. Col. Ext. Farm Econ. Facts, No. 58, p. 1290-1294, processed. Apr. 1945. 275.29 M281F
- 4288 SCOVILLE, G. P. Producing and selling apples in the Hudson Valley and western New York. N. Y. State Hort. Soc. Proc. (1945) 90: 236-244. 81 N484 Discussion, p. 244-248.
- 4289 SHEAR, S. W. Economic trends in the sweet cherry industry. Blue Anchor 22(2): 6-9, 32-34. May 1945. 286.83 B62
- 4290 STOKES, F. C. Georgia is short 200 mil- lion tomato plants. Stokes Tomato B. 14, p. 2. May 19, 1945. 286.83 St6
- 4291 TALBERT, T. J. The horticultural front; offensive of American Pomological Society is outlined. East. Fruit Grower 8(2): 6, 16, 23, 26. Apr. 1945. 80 Ea73 On the fruit industry.



4292 TAYLOR, P. R. The present peach picture. Natl. Peach Council. Peach Ann. 1945: 17, 19. 281.3939 N21

4293 WALL, G. M. N. S. [Nova Scotia] apple [industry] problems attacked. Family Herald and Weekly Star 76(10): 14. Mar. 7, 1945. 7 F21

4294 WATERS, L. E. Reduction shown in acreage for both potatoes and onions. Colo. Potato Grower 22: 1, 4. Apr. 1945. 75.8 C71

4295 WILLIAMS, P. M. Government programs and requirements for fruits for 1945. N. Y. State Hort. Soc. Proc. (1945) 90: 103-109. 81 N484

4296 WORK, P. Vegetables - fresh, canned, frozen or dehydrated? What will be the future balance? Market Growers J. 74(5): 5, 28, 31, 40. May 1945. 6 M34

4297 ZIMMERMAN, C. Long Island trucking in Delaware. Peninsula Hort. Soc. Trans. (1944) 58: 51-54. 81 P37

4298 ZUROSKE, C. H. Fruit [prospects]. Wash. State Col. Ext. Timely Econ. Inform., No. 50, p. 10-12. May 1945. 275.29 W27T

#### Analysis and Composition

4299 BAIER, W. E. How the citrus industry measures it. II. Citrus juice composition. Calif. Citrus. 30: 234, 239. June 1945. 80 C125

4300 GARRIDO LOZIER, O. Madurez industrial de las uvas en época de vendimia. Agrario 9(356): 3. Feb. 28, 1945. 9.3 Ag85

Method of analysis of grapes to determine suitability for wine production.

4301 KUENEMAN, R. W. Microbiological problems in dehydrated vegetables. Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers (1945) 1: 26-27, processed. 389.9 C768

4302 LO COCO, G. Composition of northern California tomatoes. Food Res. 10: 114-121. Mar./Apr. 1945. 389.8 F7322

4303 \*SHUKLA, J. P. Studies in enzymes. Part III. Amylases from some Indian tubers. Indian Chem. Soc. J. 21: 223-226. July 1944. 335 I<sub>2</sub>27

4304 THOMPSON, J. B. Comparison of methods for determination of SO<sub>2</sub> in dehydrated vegetables. Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers (1945) 1: 25-26, processed. 389.9 C768

#### Consumption and Utilization

4305 \*MILINSKII, N. A., and SETKINA, V. N. Ispol'zovanie rasshlikhtovochnykh vod i otkhodov rastitel'nykh volokon dlia proizvodstva pishchevykh drozhzhef [Utilization of water from starchy substances and waste of vegetable fibers for the production of food yeast]. U. S. S. R. Narod. Komis. Tekstil'. Pronysh. Tekstil'. Promysh. 3(3): 5-6. Mar. 1943. 304.8 T23

4306 \*MOORE, R. L. Consumer science in India. Sci. and Cult. 10: 365-372. Mar. 1945. 475 Sc124  
Includes correlation between purchase of fruit and other factors.

4307 MORGAN, J. D. Cashew nut shell liquid resins. Brit. Plastics 17: 152-154. Apr. 1945. 309.8 B76

Discussion in v. 17, p. 225-227, May 1945.

#### Distribution, Marketing, and Transportation

4308 BEAR, E. M. Post-war fruit marketing. Fruit-Grower, Fruiterer, Florist & Market Gard. 94: 303-304. Apr. 26, 1945. 80 F941

4309 BOWMAN, M. Colorado's promotion. Natl. Peach Council. Peach Ann. 1945: 25-26. 281.3939 N21  
Value of advertising peaches.

4310 CULP, E. Recommendations for Niagara Peninsula fruit marketing. Canad. Hort. & Home Mag., Growers' Ed. 68: 118. May 1945. 80 C16

4311 CURRY, T. C. Square deal in a hurry. U. S. War Food Admin. Mktg. Activ. 8(5): 11-13, processed. May 1945. 1.942 A8M34

On the Perishable Agricultural Commodities Act.

4312 DAYTON, J. W. Harvesting and marketing [vegetables]. Mass. State Col. Ext. Mass. Com. Veg. Grower, May 1, 1945, p. 1-3, processed. 275.29 M381Mp

4313 DEVORE, P. T. High employee morale contributes to success of Southern Oregon Sales, Inc., of Medford, Oregon. News for Farmer Coops. 12(2): 3, 19-20. May 1945. 166.2 N47  
Markets fresh pears.

4314 FARLEY, A. J. New Jersey peach promotion and publicity program in 1944. Natl. Peach Council. Peach Ann. 1945: 28. 281.3939 N21

4315 FURLANI, J. A. El abastecimiento de hortalizas de la ciudad de Buenos Aires. Pampa Argentina 19(211): 1, 3, 34. Mar. 1945. 9 P19

4316 KNOUSE, M. E. What happened? A study of factors entering into the 1944 apple deal. East. Fruit Grower 8(2): 14-15. Apr. 1945. 80 Ea73  
Marketing.

4317 LEISHMAN, E. Preparation of fruit for market. So. Austral. Dept. Agr. J. 48: 340-341. Mar. 1945. 23 So83

4318 LEMELIN, C. L'écoulement de la pomme de terre. Terre de Chez Nous 17(33): 4. May 23, 1945. 7 T27

4319 LLOYD, A. K. Marketing fruits; an analysis of the system used in British Columbia. East. Fruit Grower 8(2): 5, 15, 24-25. Apr. 1945. 80 Ea73

Operation of the B. C. Tree Fruits Limited.

4320 \*MEYER, A. Die selbstständigkeit des kartoffelkaufmanns. Landware 13(22): 2. Mar. 16, 1945. 281.8 L23

4321 OLEY, W. W. Handling the potato crop after it is dug. (Sum.) Hints to Potato Growers 25(12): 1-3. Apr. 1945. 75.9 H59

4322 POWELL, F. Colorado's Peach Marketing Agreement. Natl. Peach Council. Peach Ann. 1945: 30. 281.3939 N21

4323 REID, E. B. Seeking new markets for citrus. News for Farmer Coops. 12(3): 5-6. June 1945. 166.2 N47

Frozen citrus concentrate.

4324 RUMMELL, L. L. Selling the fruit this summer. Natl. Peach Council. Peach Ann. 1945: 11, 15, 41. 281.3939 N21

4325 SCHINDLER, C. Marketing apples now and in the post war period. N. Y. State Hort. Soc. Proc. (1945) 90: 94-100. 81 N484  
Discussion, p. 101-103.

4326 WALL, G. M. Organized marketing for potatoes [Nova Scotia]. Family Herald and Weekly Star 76(2): 5. Jan. 10, 1945. 7 F21

4327 WILLIAMS, P. M. Selling "fresh." West. Grower and Shipper 16(6): 13-14, 24-25. May 1945. 280.38 W52

Distribution of fresh fruits and vegetables.

4328 WILLIS, R. We merchandise fresh fruits and vegetables. Co-op. Merchandiser 10(2): 16-17, 39. Feb. 1945. 286.28 C78

4329 WINGO, T. R. Cooperative marketing of strawberries in Gibson County of Tennessee. Tenn. Farm Bur. Fed. Tenn. Farm Bur. News 23(6): 1, 3. June 7, 1945. 275.293 Tennessee

#### Grading, Inspection, Standardization, and Quality

4330 \*HELLBO, E. Förenklad fältkontroll för utsädespotatis; redogörelse för den under år 1943 verkställda kontrollen. Lantmannen 28: 63-65. Jan. 22, 1944. 11 L234

Control of seed potatoes in Sweden.

4331 HOGG, D. Harvesting and grading the fruit crop. Orchardist New Zeal. 18(4): 3. Apr. 5, 1945. 80 Or19

4332 LOTT, R. V., and BROWN, D. S. Packs of No. 1 yellow transparent apples are highly variable. Ill. State Hort. Soc. News Let., No. 3, p. 3-4. May 1945. 81 Il6N

Grading and standardization.



4333 MILLER, J. C. Factors affecting the quality of dehydrated sweet potatoes. Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers (1945)1: 15-16, processed. 389.9 C768

4334 SCHRUMPF, W. E. Grade defects of potatoes shipped from Maine in 1942 and 1943. Maine Agr. Col. Ext. Farm Econ. Facts, No. 58, p. 1295, processed. Apr. 1945. 275.29 M281F

4335 THIESSEN, E. J., STARR, G. H., and SWINGLE, K. Quality of frozen vegetables from Wyoming gardens. Natl. Coop. Proj.: Conserv. Nutr. Value Foods. Prog. Notes, West. Coop. Proj. 2, 9 p., processed. Laramie, Wyo.? 1944. 389.1 N2175PW

Supplement: Freezer Locker Plants in Wyoming, p. 8-9, gives number and size of plants.

#### Packing and Packaging

4336 GETSON, S. F. Better apple packing methods advocated. Family Herald and Weekly Star 76 (11): 6. Mar. 14, 1945. 7 F21

4337 RION, K. E. Loading potatoes in 100-pound sacks "during summer months." (Sum.) Hints to Potato Growers 25(12): 3-4. Apr. 1945. 75.9 H59

#### Prices, Price Control, and Rationing

4338 AUSMAN, L. H. United States ceiling price on Canadian frozen blueberries. Canada. Dept. Trade and Com. Com. Intel. J. 72: 382. May 5, 1945. 286.8 C16

4339 TAYLOR, C. C. The 1944 apple ceiling as it relates to producers. Mich. State Hort. Soc. Ann. Rpt. (1944) 74: 10-13. 1945. 81 M58

#### Processing and Storage

4340 BENNETT, T. R. Strawberries in December. Westerner 8(5): 11, 27, 30-32. June 1945. 49 W522  
The quick-freezing industry in the San Juan Basin.

4341 BJORNSON, J. Dry surplus green beans, for baking. Agr. Leaders' Digest 26(5): 55. May 1945. 275.28 Am3

4342 BURTON, W. G. The storage life of a sample of potato flour produced from potato slices dried in a sugar beet factory. Soc. Chem. Indus. J. Trans. and Commun. 64: 85-86. Mar. 1945. 382 M31

4343 C., M. Fruit preservation in Glamorgan, 1944. Glamorgan Farmer 9: 40-41. 1945. 10 G45

4344 CROCE, F. M. Desecación artificial de frutas. Mendoza (Prov.). Dir. de Indus. y Fomento Agr. B. Agr. 12: 308-321. (Concl.) June/Sept. 1944. 9 M52B

4345 CROCE, F. M. Secado de higos. Campo [Buenos Aires] 29(341): 56, 58. Mar. 1945. 9 C15

4346 DAVIS, M. B. Canadian dehydrated fruits and vegetables. Canad. Geog. J. 30: 233-237. May 1945. 470 C162

4347 ELLIS, M. G. Vernon's [Canada] busy days. Family Herald and Weekly Star 76(1): 5. Jan. 3, 1945. 7 F21

Labor in picking and preparing vegetables for dehydration and the future of the industry.

4348 FORGACS, J., RUTH, W. A., TANNER, F. W. Freezing of apple juice. Food Res. 10: 148-159. Mar./Apr. 1945. 389.8 F7322

4349 GARRIDO LOZIER, O. Tratamiento que debe adoptarse en vendimias con uvas averiadas o podridas. Agrario 9(358): 7, 15. Mar. 29, 1945. 9.3 Ag85

4350 GUENDULAIN. Conservación de higos. Agrario 9(355): 10. Feb. 15, 1945. 9.3 Ag85

4351 JONES, E. E. Disposal of waste waters from the preparation of vegetables for drying. Soc. Chem. Indus. J. Trans. and Commun. 64: 80-83. Mar. 1945. 382 M31

Describes the preparation of vegetables for drying.

4352 \*KUZ'MIN, M. Proizvodstvennyy opyt pererabotki ovoshchei v kolkhoze [Industrial experiment of preserving vegetables on the collective farm]. Kolkhoz. Proizvod., No. 10, p. 28-29. Oct. 1944. 281.8 K83

4353 LOVERN, J. A. Dehydration of vegetables in Great Britain. Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers (1945) 1: 11-12, processed. 389.9 C768

4354 MCCracken, W. K. New Treesweet Arizona plant designed to process grapefruit juice for duration. West. Canner and Packer 37(5): 25-26. May 1945. 286.83 W522

Treesweet Products Co. of Santa Ana, Calif.

4355 MACKINNEY, G. Sulfiting of vegetables for dehydration. Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers (1945) 1: 23-24, processed. 389.9 C768

4356 MARCH, M. Canning for victory. Natl. Live Stock Prod. 23(9): 7. June 1945. 280.38 N21  
Directions for canning fruits and vegetables.

4357 MARRIS, N. A. Dehydration of fruits and vegetables in Australia and New Zealand. Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers (1945)1: 7-9, processed. 389.9 C768

4358 MORALEDA C., S. Producción de descargados y huesillos; consejos sobre la técnica de su elaboración [Chile]. Campesino [Santiago, Chile] 77(1): 19-21. Jan. 1945. 9.3 Sol2

4359 NEUBERT, A. M., and VELDREUIS, M. K. Cleaning vined canning peas by froth flotation. Food Indus. 17: 494-497, 608. May 1945. 389.8 F737

4360 \*NICOLAISEN, N. Arbeiten von grösster bedeutung; die angewandte forschungstätigkeit im dienste des gemüsebaues. Nationalsoz. Landpost, 1945, No. 2, p. 2. Jan. 12. 18 N212

4361 PHAFF, H. J. Dehydration of cut fruits. Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers (1945)1: 3-4, processed. 389.9 C768

4362 PHAFF, H. J., and others. New methods produce superior dehydrated cut fruits. Pt. II. Food Indus. 17: 516-518, 600, 602, 604, 606, 608. May 1945. 389.8 F737

G. L. Marsh, E. M. Mrak, and C. D. Fisher, joint authors.

4363 PIPER, W. E. What about dehydrated fruits and vegetables? New England Grocery and Market Mag. 13(7): 33-34. May 1945. 286.83 N44A

4364 REID, E. B. Producing 100 million cans of citrus juice. News for Farmer Coops. 12(2): 5-6. May 1945. 166.2 N47

The Florida Citrus Canners Cooperative.

4365 RHODES, N. The chills are coming. For Sale, Want and Exch. B. 4(5): 1. June 1, 1945. 280.38 F74

Frozen fruits and vegetables.

4366 RICHTER, P. General observations on the production of dehydrated vegetables. Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers (1945)1: 19-20, processed. 389.9 C768

4367 ROSS, A. F. Factors influencing discoloration in the production of dehydrated white potatoes. Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers (1945)1: 16-18, processed. 389.8 C768

4368 \*SANTIAGO, M. R. DE M. Contribuição para o conhecimento das doses eficazes de ácido benzóico e de benzoato de sodio na conservação de alguns produtos de frutos. Portugal. Junta Nac. das Frutas. B. 4(6): 12-19; (7): 24-28. (To be cont.) June-July 1944. 286.3939 P83

4369 SCHREINER, W. R. World dried-fig production in 1944 largest since 1941. Foreign Crops and Markets 50: 243-244, processed. May 21, 1945. 1.9 St2F

4370 SCHREIBER, W. R. World 1944 dried-apricot pack considerably higher than 1943. Foreign Crops and Markets 50: 252-255, processed. May 28, 1945. 1.9 St2F

4371 \*SIDDAPPA, G. S. Studies on fruit and vegetable products. II. Drying of grapes in Baluchistan. India. Imp. Council Agr. Res. Misc. B. 59, 13 p. Delhi, 1942. 22 Im7M

4372 SLUDER, J. C. Dehydration of orange juice. Conf. Recent Tech. Advances Army Dehydrated Foods. Abs. Papers (1945) 1: 4-7, processed. 389.9 C768

4373 SMOCK, R. M. The importance of the atmosphere in the storage of fruits. N. Y. State Hort. Soc. Proc. (1945) 90: 77-81. 81 N484  
Apple storage.



- 4374 SNYDER, G. B. Quality. Mass. State Col. Ext. Mass. Com. Veg. Grower, May 1, 1945, p. 7-9, processed. 275.29 M381Mp
- Storage of vegetables.
- 4375 THIESSEN, E. J., and others. The effect of various home practices in canning snap beans on quality and ascorbic acid values. Natl. Coop. Proj.: Conserv. Nutr. Value Foods. Prog. Notes, West. Coop. Proj. 1, 2 p., processed. Laramie, Wyo.? 1944? 389.1 N2175Pw
- C. S. Gilbert, K. F. Swingle, and G. H. Starr, joint authors.
- 4376 TRESSLER, D. K. Frozen foods are popular and with good reason. Furrow, v. 50, May/June 1945, p. 10, 14. 6 F98
- Frozen vegetables and fruit.
- 4377 WEAST, C. A. Barreling of fruits for use in jams and preserves. Canner 100(25): 34, 36, 38. May 19, 1945. 286.83 C16
- 4378 WENZEL, F. W., JR., and FABIAN, F. W. Influence of garlic on Kosher dill pickles. Food Packer 26(6): 64, 66-67. May 1945. 286.83 C165
- 4379 YACKULIC, G. A. Drying season ends. Family Herald and Weekly Star 76(1): 6. Jan. 3, 1945. 7 F21
- Alberta dehydration industry.
- 4380 YACKULIC, G. A. Vegetable processing industry [Alberta]. Family Herald and Weekly Star 76(18): 6. May 2, 1945. 7 F21
- 4381 ZUEV, N. Sushka kartofel' [Drying of potatoes]. Kolkhoz. Proizvod., No. 10, p. 28. Oct. 1944. 281.8 K83
- Statistics
- 4382 PEARCE, S. C. Sampling methods for the measurement of fruit crops. Roy. Statist. Soc. J. (n. s.) 107: 117-126. 1944. 251 R81J
- GRAIN AND GRAIN PRODUCTS
- 4383 AMERICAN SOCIETY OF BREWING CHEMISTS. Methods for barley analysis. Brewers Digest 20(4): 49. Apr. 1945. 2346 B75
- 4384 ARSENAULT, L. Notre production de céréales avant, pendant et après la guerre. Terre de Chez Nous 17(34): 15. May 30, 1945. 7 T27
- Statistics.
- 4385 AUSTRALIA to buy wheat? (Digest.) Foreign Com. Weekly 19(6): 8, 42. May 5, 1945. 157.54 F763
- From a Report by P. Ellis, American Vice Consul, Sydney. Wheat production goals and Stabilization Plan revision.
- 4386 BELL, J. E. 10,000,000 bushels of wheat for 1945-46. New Zeal. J. Agr. 70: 253-256. Mar. 15, 1945. 23 N48J
- 4387 BILLARD, J. J. La política de los precios básicos; su aplicación en trigo, lino y maíz [Argentina]. Res 13: 17313-17314. Apr. 5, 1945. 286.85 R31
- 4388 BUECHEL, F. A. Business review and prospect. Tex. Business Rev. 19(4): 3-4. May 1945. 280.8 T312
- Includes discussion of Texas farm cash income and wheat prospects.
- 4389 \*CIDRAIS, F. G. A conservação do trigo no celeiro. Agros Lisboa, 27: 75-85. (To be cont.) Mar./Apr. 1944. 15.5 Ag82
- Storage methods and description of silos.
- 4390 DENTON, W. B. Rice growing moves north in Arkansas. Prog. Farmer, Miss.-Ark.-La. Ed. 60(6): 11, 49. June 1945. 6 So81
- 4391 DOWNEY, J. E. Argentina harvesting small corn crop. Foreign Crops and Markets 50: 232-233. May 14, 1945. 1.9 St2F
- Production statistics.
- 4392 EBERLE, H. F. Wheat land problems in South Australia; acute manpower shortage; price of wheat overseas - a delegation. Country Life [Sydney] 56(39): 3, 8. Apr. 13, 1945. 286.85 Sy2
- 4393 ELLIS, M. G. Barley and flax are popular crops; war conditions have broadened markets for these crops in both Canada and the United States. Family Herald and Weekly Star 76(10): 6, 11. Mar. 7, 1945. 7 F21
- 4394 ELLIS, M. G. See no excuse for poor wheat. Family Herald and Weekly Star 76(10): 13. Mar. 7, 1945. 7 F21
- 4395 EPP, A. W. Wheat storage space may be scarce. Nebr. Agr. Col. Ext. News 33(11): 2. May 1945. 275.29 N272Ae
- 4396 GEDDES, G. W. Baby co-operative [Société Co-operative Agricole de Grains et Moulées de Coati-cooki] is growing. Family Herald and Weekly Star 76(12): 13. Mar. 21, 1945. 7 F21
- 4397 HIGGINS, F. H. 1945 world food shortage spotlights rice. Rice J. 48(4): 6-8. Apr. 1945. 59.8 R36
- 4398 HURTUBISE, J. A. P. L'orge, aliment de base; pour nourrir les porcs vendus avant d'être nés il faut beaucoup de grain et l'orge n'en est pas le moindre. B. des Agr. 12, 1. e. 41(5): 13. May 1945. 7 B872
- 4399 J., B. Antiquity of the cereals. Farmers' Gaz. [Dublin] 103: 265. May 5, 1945. 10 F221
- 4400 KOCH, H. C. Paperboard production qualities of cereal straws. Paper Indus. and Paper World 27: 102, 104. Apr. 1945. 302.8 P1923
- 4401 \*KOROLEV, D. 318 pudov ozimoi pshenitay s geklara [318 poods of winter wheat per hectare]. Kolkhoz. Proizvod., No. 10, p. 19. Oct. 1944. 281.8 K83
- Kolkhoz "Krasny maiak" in the Moscow region.
- 4402 LUSENA, C. V., and MCFARLANE, W. D. Studies on the processing of wheat germ. Canad. J. Res. Sect. F, Technol. 23: 202-211. May 1945. 470 C16F
- 4403 MCNEELY, M. Value of Louisiana rice to Houston, Beaumont and New Orleans. Rice J. 48(4): 21-24. Apr. 1945. 59.8 R36
- 4404 NOCK, H. K. The future of the wheat industry [in Australia]. West Austral. Wheatgrower 14(37): 4. Jan. 4, 1945. 23 W523
- 4405 ORTIZ, G. Estudios para determinar los factores que afectan la calidad panadera de la harina de trigo. Agr. Costarricense\*3: 110-113. (Concl.) Mar. 1945. 8 Ag895
- Deals with the effect of soil upon composition of the flour.
- 4406 PICASSO S., L. El reglamento de precios y condiciones para las transacciones de trigo de la actual cosecha. Unión Agr. del Sur 3(16): 14. Mar. 1945. 9.3 Un3
- Chile.
- 4407 \*PIROZHENKO, A. V. Prigotovlenie shlikhty iz rzhanoi i pshenichnoi muki. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(6): 13-15. June 1943. 304.8 T23
- Size for dressing the warp prepared from rye and wheat flour.
- 4408 POSNANSKY, A. Kinca (quinoa). Bolivia 11(22): 17-20. Jan./Apr. 1945. 286.8 B633
- Production and utilization of quinoa.
- 4409 POWELL, T. H. Wheat will boom. West Austral. Wheatgrower 14(29): 1. Nov. 2, 1944. 23 W523
- 4410 ROBINSON, J. L. Co-op competition changes the wheat marketing picture in Nebraska. News for Farmer Coops. 12(2): 6. May 1945. 166.2 N47
- 4411 ROSSER, F. T., and THISTLE, M. W. Magic brews from wheat; in its attempt to find wider uses for wheat the National Research Council has succeeded in producing several valuable derivatives. Family Herald and Weekly Star 76(1): 3. Jan. 3, 1945. 7 F21
- Chemurgy.



- 4412 RUDNI, L. Hablando con franqueza; la abolición de los precios mínimos del trigo y lino de la cosecha 1943-44, medida lógica, debe hacer meditar a los productores agrarios antes de pedir intervención del Estado en la comercialización de los granos. Pampa Argentina 19(211): 6. Mar. 1945. 9 P19
- 4413 SHELLENBERGER, J. A., and JOHNSON, J. A. Farinogram patterns of wheat blends. Amer. Miller and Processor 73(5): 37-38. May 1945. 298.8 Am32
- 4414 SLAGG, C. M., LIVINGSTON, J. E., and SWINBANK, J. C. Moisture content and development of molds in corn stored under various conditions in three eastern Nebraska counties during the winter of 1944-45. Plant Dis. Rptr. 29: 282-285, processed. Apr. 1, 1945. 1.9 P69P
- 4415 SNOW, D., SMITH, J. A. B., and WRIGHT, N. C. The manufacture and storage of cereal feeding-stuffs with incorporated non-protein nitrogen compounds. J. Agr. Sci. [London] 35: 65-71. Apr. 1945. 10 J822
- 4416 STRANGE, H. G. L. Rise of the Australian wheat industry. (Excerpts.) West Austral. Wheat-grower 14(35): 4. Dec. 14, 1944. 23 W523
- 4417 SWANSON, C. O. Diastatic enzymes in flour. Northwest. Miller (Milling Prod. Sect.) 222(6): 10a-13a. May 9, 1945. 298.8 N81
- 4418 TARIRA, J. B. Porvenir de la industria arrocera en el Estado Sucre. - Trabajos en elcano Guaraunos. Agr. Venezol. 9(103/104): 4-6. Nov./Dec. 1944. 9.95 Ag5
- 4419 TURNER, R. M. Wheat. Wash. State Col. Ext. Timely Econ. Inform., No. 50, p. 7-10. May 1945. 275.29 W27T
- Production and price outlook.
- 4420 VIGIL, C. C. El maíz en la América precolombina. Chacra 15(174): 8, 92. Apr. 1945. 9 C34
- 4421 WALDEN, H. T. Corn yield in 1945. Flour & Feed 46(1): 24. June 1945. 298.8 F66
- 4422 WILLAHAN, L. T. Rice production low in Caribbean area. Foreign Crops and Markets 50: 255-257, processed. May 28, 1945. 1.9 St2F
- 4423 WORKMAN, H. M. Home-grown [British] wheat from the buyer's point of view. Milling 104: 314-315. May 12, 1945. 298.8 M622
- HONEY AND BEESWAX
- 4424 SAWYER, L. E. Imported Mexican honey. Beekeepers Item 29: 165-166. May 1945. 424.8 B397
- Effect on domestic market.
- LIVESTOCK AND LIVESTOCK PRODUCTS
- 4425 BERMUDEZ, A. Nos habla el presidente de la Asociación de Ganaderos de Magallanes, señor Amadeo Bermudez; los costos y los precios de la producción. - Lo que debe esperarse de la postguerra. - El problema de las comunicaciones para Magallanes. - Servicios públicos. Campesino [Santiago, Chile] 76: 117-118. Mar. 1945. 9.3 Sol2
- 4426 BROSSIA, M. H. Let's plan now for post-war [commercial rabbit industry]. Small Stock Mag. 29(6): 14-15. June 1945. 48.8 P442
- 4427 BROSSIA, M. H. Meat rabbit facts. Amer. Small Stock Farmer 29(9): 3. June 1945. 48.8 J82
- 4428 BUNT, J. Building better [rabbit] business. Amer. Small Stock Farmer 29(8): 6-7. (To be cont.) May 1945. 48.8 J82
- 4429 CALDWELL, R. M. Oklahoma looks to sheep. Farm and Ranch 64(6): 14. June 1945. 6 T31
- 4430 COFFEY, J. S. The pork shortage. Berkshire News 10(7): 4, 31, 32. May 1945. 46.8 B454
- 4431 CONWAY, H. M. Country yet facing real meat shortage next three months. Natl. Live Stock Prod. 23(9): 3-4. June 1945. 280.38 N21
- 4432 CONWAY, H. M. Nothing in prospect to assure more meat even for next year. Natl. Live Stock Prod. 23(8): 7. May 1945. 280.38 N21
- 4433 COOK, O. M. Karakul progress. Tex. Livestock J. 4(5): 62. May 15, 1945. 49 T29
- The Karakul fur industry.
- 4434 CUNHA, E. R. Despojando al ganadero de sus ganancias y sus derechos. Diario Rural 4, i. e. 5(465): 6. Mar. 24, 1945. 9.9 D54
- Grievances of the Uruguayan cattle producer.
- 4435 CURTISS, W. M. Why a meat shortage? Schoharie Co. Dairies Co-op. News 1(12): 1, 12. May 1945. 280.28 Sch6
- 4436 D., F. Efectos desgraciados de un decreto, en la exportación de carnes, al impedir la matanza de ovinos adultos para el abasto. Diario Rural 4, i. e. 5(466): 12. Apr. 4, 1945. 9.9 D54
- 4437 DAVIS, F. E. World hog numbers show decline. Foreign Crops and Markets 50: 264-266, processed. June 4, 1945. 1.9 St2F
- 4438 DAVIS, J. G. Orígenes de la ganadería argentina. Campo [Buenos Aires] 29(341): 6, 8-9, 40, 46. Mar. 1945. 9 C15
- 4439 ENSMINGER, M. E. The livestock producer's dilemma. Sheepman 16: 42, 64, 68. June 1945. 45.8 Sh32
- 4440 \*FIADEIRO, J. A defesa da produção pecuária. Rev. de Med. Vet. [Lisboa] 39: 503-520. Oct./Dec. 1944. 41.8 R3215
- 4441 HARLAN, C. L. What is the actual cattle count? Amer. Cattle Prod. 26(12): 12-13, 16. May 1945. 49 P94
- 4442 HARTARD EBERT, M. Importancia y desarrollo de la producción de carne en Magallanes. Campesino [Santiago, Chile] 76: 129, 131. Mar. 1945. 9.3 Sol2
- 4443 HENLEY, H. There's more about meat than it's meet to discuss! New England Grocery and Market Mag. 13(7): 11-12, 47. May 1945. 286.83 N44A
- 4444 HUMPHREY, A. P. Not enough hogs? Are we letting Britain down? Saskatchewan Farmer 36(9): 6. May 1, 1945. 7 Sa74
- Reasons for decline in hog production.
- 4445 \*IGLESIAS SELGAS, C. Los artículos alimenticios de origen animal. Ganadería [Madrid] 2(13): 30-36. Dec. 1944. 49 G15
- 4446 \*INDIA. DEPT. OF COMMERCE. Indian hides and skins. India. Dept. Com. Booklet 4, 5 p. Bombay, n. d. 280.9 In277
- 4447 KILLEN, E. L. Continued demand depends on quality; beef and beef cattle - present and future [in Australia]. Farmer and Settler 40(11): 14. Apr. 13, 1945. 23 F226
- 4448 LEA, N. The meat merry-go-round. Co-op. Merchandiser 10(5): 10-11, 32. May 1945. 286.28 C78
- 4449 \*LINDAHL, T. Svinskötelsen år 1943. Lantmannen 28: 72-76. Jan. 22, 1944. 11 L234
- The swine industry in Sweden in 1943.
- 4450 MCCANN, L. P. Why the beef shortage? Ohio Farmer 195(11): 5. June 2, 1945. 6 Oh3
- 4451 MAC COLL, E. D. Comentarios a un reportaje. Diario Rural 4, i. e. 5(465): 16. Mar. 24, 1945. 9.9 D54
- On the cattle shortage in Uruguay and the regulation against exports.
- 4452 MARQUARDT, J. C. How to keep and use rennet. Independ. Prod. Guide 5(5): 4. May 1945. 44.8 In27
- 4453 MARTIN, N. A. World needs our products; taking up the slack; Victoria has vital interest in future of beef industry. Farmer and Settler 40(11): 27. Apr. 13, 1945. 23 F226
- 4454 MATHESON, N. A. P. E. I. leans towards beef raising. Family Herald and Weekly Star 76(1): 9. Jan. 3, 1945. 7 F21
- 4455 MERCHANT, C. H. The livestock and feed situation. Maine Agr. Col. Ext. Farm Econ. Facts, No. 58, p. 1276-1278, processed. Apr. 1945. 275.59 M281F
- 4456 PAGE, SIR E. Free entry of beef into consuming countries, vigorous immigration plan to stimulate production [in Australia]. Farmer and Settler 40(11): 18, 19. Apr. 13, 1945. 23 F226
- Conditions for expansion of the industry.



- 4457 PEARSON, F. A., MEYERS, W. I., and VIAL, E. E. Factors affecting livestock production. Feedstuffs 17(19): 32-38. May 12, 1945. 286.81 F322
- 4458 PETERSON, A. W., and FARRISH, B. D. Cattle and sheep outlook. Wash. State Col. Ext. Timely Econ. Inform., No. 50, p. 18-21. May 1945. 275.29 W27T
- 4459 FIOLETTI, L. A. "Hay que apretar la cincha." Diario Rural 4, i. e. 5(464): 11. Mar. 21, 1945. 9.9 D54
- Outlines a meat and livestock policy for Uruguay.
- 4460 RAMSAY, A. France lost only 17 per cent. of her cattle. Farmer & Stock Breeder 59: 770-771. May 15, 1945. 10 F228
- The livestock situation.
- 4461 RUDEEN, W. L. The hog enterprise in south-eastern Nebraska since 1940. Nebr. Agr. Col. Ext. News 33(11): 2. May 1945. 275.29 N272Ac
- 4462 SCULLY, W. J. War effort of cattlemen is praised; plans well in hand for resumption of stud stock imports, says Federal Minister [Australia]. Farmer and Settler 40(11): 20. Apr. 13, 1945. 23 F226
- 4463 SHEELY, W. J. Stock industry gains despite war. Fla. Grower 53(5): 14. May 1945. 80 F6622
- 4464 SMALLFIELD, P. W. Farming in New Zealand; livestock. New Zeal. J. Agr. 70: 257-270. Mar. 15, 1945. 23 N48J
- Livestock and livestock products.
- 4465 STOCK OWNERS' CENTRAL CO-OPERATIVE COMPANY. Stock Owners' Co-op. commends Meat Commission Report. Farmer [Pietermaritzburg] 33(5): 14. Feb. 4, 1944. 24 F227
- 4466 TODOROFF, A. Here's what should be done to get more meat; serious meat situation can be eased in 60 days if Government will make it profitable for cattle to be fed. Meat Merchandising 21(5): 26-29. 94-95. May 1945. 286.85 M462
- 4467 TODOROFF, A. Will chain stores raise, feed and kill their own beef? Natl. Live Stock Prod. 23(9): 1, 4. June 1945. 280.38 N21
- 4468 TONKIN, J. A. Wartime demand for beef [in Australia] shows marked increase, but output has been declining. Farmer and Settler 40(11): 22. Apr. 13, 1945. 23 F226
- 4469 VICKREY, K. C. Earning a livelihood by rabbit raising. Small Stock Mag. 29(6): 22. June 1945. 48.8 P442
- 4470 WAZIR, V. L. Improvement of Kashmir's livestock. Gt. Brit. and East 61(1746, India Issue): 79. Apr. 1, 1945. 286.8 N27
- The place of the industry in Kashmir's economic development.
- 4471 WRIGHT, P. A. Can improve upon work of rivals; must have the best; future outlook for beef appears bright [in Australia]. Farmer and Settler 40(11): 21. Apr. 13, 1945. 23 F226
- 4472 ZUROSKE, C. H. Hogs. Wash. State Col. Ext. Timely Econ. Inform., No. 50, p. 21. May 1945. 275.29 W27T
- Production and prices.

#### Analysis and Composition

- 4473 HARDY, F., and NOBLE, I. A comparison of measurement of juiciness in roast pork loin by press-fluid and jury-rating methods. Food Res. 10: 160-164. Mar./Apr. 1945. 389.8 F7322
- 4474 KUHLMAN, G. J. Excess fat in prepared meats. Assoc. Food & Drug Off. U. S. Q. B. 9: 59-61. Apr. 1945. 389.9 A87Q

#### Consumption and Utilization

- 4475 \*LOPEZ Y LOPEZ, C. Destrucción y aprovechamiento de cadáveres. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 37, No. 3, 12 p. Madrid, 1945. 15 H68

#### Distribution, Marketing, and Transportation

- 4476 \*ALEXANDERSSON, H. Smågrishandeln i nya banor. Jordbrukarnas Föreningsblad. Uppl. A. Östra Mellansverige og Gästrikland 15(14): 1, 11. Apr. 7, 1945. 11 J762
- Cooperative marketing of little pigs in Sweden.
- 4477 BEISSO, A. J. Problema y monopolio del abasto de carnes a Montevideo. Diario Rural 4, i. e. 5(465): 12. Mar. 24, 1945. 9.9 D54
- 4478 BISSON, J. E. Le marché des veaux réagit. Terre de Chez Nous 17(32): 23, 15. May 16, 1945. 7 T27
- 4479 BISSON, J. E. Nombre de bestiaux qu'un wagon régulier peut et doit contenir. Terre de Chez Nous 17(33): 23. May 23, 1945. 7 T27
- Capacity given for different animals.
- 4480 BREWSTER, H. A. Practical hints increase meat profits. Super Market Merchandising 10(5): 24-26, 28. May 1945. 389.8 Su7
- 4481 D., C. P. The United Kingdom market for beef and veal. Rural Bank N. S. Wales. Farm Front 3: 45-46, processed. Mar. 1945. 281.9 R883
- 4482 DAY, D. I. Buyers looking for good ones have little success in cattle alley. South. Stockman 5(6): 13, 62. June 1945. 49 So83
- Livestock market.
- 4483 DEXTER, A. J. Plain talk for cattlemen; an observer looks at consignment sales. (Excerpts.) Westerner 8(4): 30-34. May 1945. 49 W522
- 4484 DONAGARAY, F. Efectos desgraciados de la baja de Tablada, por decreto. Diario Rural 4, i. e. 5(464): 6. Mar. 21, 1945. 9.9 D54
- On recent Uruguayan decrees regulating operations on the cattle market.
- 4485 FURLONG, J. R. World outlets for African hides and skins; recent progress made in their preparation and marketing a hopeful factor in gauging future trends. Crown Colonist 15: 309-311. May 1945. 280.8 C88
- 4486 HARDING, L. W. Livestock market trends. Dakota Farmer 65(11): 4. June 9, 1945. 6 D14
- 4487 MACKAY, F. Ranchers sell their own stock; co-operative marketing through their own stockyards looks good to B. C. stockmen. Family Herald and Weekly Star 76(11): 7. Mar. 14, 1945. 7 F21
- 4488 MASON, A. H. Cooperation is the answer. Small Stock Mag. 29(5): 20. May 1945. 48.8 P442
- Cooperative marketing of rabbits.
- 4489 MATHESON, N. A. Profit from pigs at right weight. Family Herald and Weekly Star 76(2): 9. Jan. 10, 1945. 7 F21
- 4490 POWELL, T. H. Notes on Perth ram sale. West Austral. Wheatgrower 14(29): 8. Nov. 2, 1944. 23 W523
- 4491 SEISSIGER, J. H. Prepare for a much larger meat business. Pt. 1. Natl. Grocers B. 32(5): 70, 80. (To be cont.) May 1945. 286.83 N214
- 4492 SHELTON, E. J. Trucking pigs to factories. Queensland Agr. J. 60: 102-105. Feb. 1, 1945. 23 Q33

#### Grading, Inspection, Standardization, and Quality

- 4493 BLANK, L. A. Government veterinary inspection of canned poultry meat. Amer. Vet. Med. Assoc. J. 106: 349-350. June 1945. 41.8 Am3
- 4494 BRUXNER, M. F. Success depends on more than breeding merely to get the chiller type of beef cattle in Australia. Farmer and Settler 40(11): 24. Apr. 13, 1945. 23 F226
- 4495 CRANSTON, J. H. Hog sabotage? asks editor. Rural Co-op. 9(17): 4. May 8, 1945. 280.28 R88
- Quality of Canadian bacon.
- 4496 DILDINE, S. C. The inspection of fresh meat and meat food products and dairy products by the Veterinary Corps of the U. S. Army. Mil. Surg. 96: 391-396. May 1945. 448.8 M59
- 4497 GRAHAM, E. H. Breeders [in Australia] must improve standards to gain full share of post-war markets. Farmer and Settler 40(11): 25, 26. Apr. 13, 1945. 23 F226



- 4583 HEATON, E. B. The broiler industry of Delmarva. U. S. Egg & Poultry Mag. 51: 216-219. May 1945. 286.85 Eg3
- 4584 HUTTAR, J. C. What price chicken? or, How soon will the shortage end? Amer. Egg & Poultry Rev. 6: 254, 290. Apr. 1945. 47.8 Am38
- 4585 JONES, M. D. The poultry and egg situation. Maine Agr. Col. Ext. Farm Econ. Facts, No. 58, p. 1278-1281, processed. Apr. 1945. 275.29 M281F
- 4586 JULL, M. A. Air shipment results; University of Maryland experiments show good hatches from eggs sent to Brazil and Peru. Amer. Egg & Poultry Rev. 6: 256. Apr. 1945. 47.8 Am38
- 4587 KELLEY, D. Hatcheries help market quality eggs. Prairie Farmer, Gen. Ed. 117(12): 27. June 9, 1945. 6 P883
- 4588 KIMBER, J. E. Two opportunities for poultrymen. Nulaid News 22(11): 10. Feb. 1945. 47.8 N917
- The Poultry and Egg National Board and The California Poultry Council.
- 4589 KINGSLAND, C. F. Certified eggs step out. N. J. Farm and Gard. 16(6): 30, 32. June 1945. 6 G162
- The egg marketing program of the New Jersey Poultry and Egg Cooperative Marketing Association, Inc.
- 4590 KLEIN, G. T. Boost profits with better market eggs. Poultry Tribune 51(5): 8, 34-35. May 1945. 47.8 P8642
- 4591 KLEIN, G. T. Chickens sell best at Caldwell's stand; helps on roadside marketing from Mass. best known operator. Poultry Tribune 51(5): 3, 18-19. May 1945. 47.8 P8642
- 4592 LANDRETH, W. A. Increased production; Special Products Board prices govern Canadian egg markets most of 1944. (Sum.) Manitoba Co-op. 2 (16): 2. Mar. 15, 1945. 280.28 M31
- Situation and outlook for the Canadian poultry industry.
- 4593 LAWLER, J. 1944 annual report of poultry producers of central California. Nulaid News 22(11): 6-8, 44-46. Feb. 1945. 47.8 N917
- 4594 LODGE, C. All about pickling your eggs. Poultry Farmer [London] 112(2914): 6. Apr. 27, 1945. 47.8 F312
- 4595 MATHESON, N. A. P. E. I. poultry industry going places. Family Herald and Weekly Star 76(1): 11. Jan. 3, 1945. 7 F21
- 4596 MOORE, M. What's ahead for the poultryman and what he can do about it. Albers Egg Maker 20(2): 3-4, 19-21. 1945. 47.8 AL1
- 4597 MORALEDA C., S. Deshidratación de huevos. Campesino [Santiago, Chile] 76: 153. Mar. 1945. 9.3 Sol2
- 4598 ODERKIRK, A. D. To freeze eggs. Cap-per's Farmer 56(6): 37. June 1945. 6 M693
- 4599 PERRY, A. L. Chicken meat production. Maine Agr. Col. Ext. Farm Econ. Facts, No. 58, p. 1295-1296, processed. Apr. 1945. 275.29 M281F
- 4600 PIERCE, H. Let's finish the job properly. Family Herald and Weekly Star 76(3): 11. Jan. 17, 1945. 7 F21
- Factors involved in producing quality poultry for market.
- 4601 PURSER, R. No longer incognito; under our new in-shell egg contract every egg is stamped "Canada," so now British housewives know where their eggs originate. Family Herald and Weekly Star 76(3): 5. Jan. 17, 1945. 7 F21
- Includes grades and packing.
- 4602 RAIMO, H. F. Sobre a entrada de frangos e galinhas em S. Paulo, por estrada de rodagem, em 1943-44. Rev. dos Criadores 16(2): 55-56. Feb. 1945. 43.8 R32
- Statistical.
- 4603 ROHDE, C. E. Marketing quality eggs. Amer. Poultry J. 76(5): 6, 16-19. May 1945. 47.8 Am32
- 4604 RUMBALL, P. Dressing poultry. Queensland Agr. J. 60: 181-183. Mar. 1, 1945. 23 Q33
- 4605 RUMBALL, P. Home storage of eggs. Queensland Agr. J. 60: 107-108. Feb. 1, 1945. 23 Q33
- 4606 SCANLAN, J. J. A co-op grows in Brockton. News for Farmer Coops. 12(2): 9-10. May 1945. 166.2 N47
- Operation of the Brockton Cooperative Egg Auction Association, Inc.
- 4607 SHELLEY, F. G. Utah Poultry Co-op saves millions for producers. Utah Farmer 64(18): 20. May 10, 1945. 6 D45
- 4608 SNYDER, E. S. The better the quality - the higher the price. Canad. Poultry Rev. 69(5): 1-6, 32-33. May 1945. 47.8 C16
- 4609 STOLTZ, E. H. They process their own birds. Farmer's Mag. 42(5): 10, 74. May 1945. 7 C165
- Cooperative poultry processing.
- 4610 SUMMERS, M. The swing to poultry meat. Checkerboard News 7(5): 4-5. June/July 1945. 389.78 C41
- 4611 TERMOHLEN, W. D. Don't sell "athletic" eggs; they are the kind that "run." Poultry Tribune 51(6): 8, 16-17. June 1945. 47.8 P8642
- 4612 THOMPSON, L. N. The egg year 1944. Nulaid News 22(11): 14-18. Feb. 1945. 47.8 N917
- 4613 TODD, M. E. Hatchery at Lacombe. Family Herald and Weekly Star 76(19): 17. May 9, 1945. 7 F21
- Operation of the Lacombe Hatchery business, in Alberta.
- 4614 TRAVES, C. W. British market demands only top quality eggs and poultry. Farm and Ranch Rev. 41(5): 22, 25. May 1945. 7 F223
- Poultry and egg industry in Canada.
- 4615 WARD, G. H. The egg and poultry situation. Va. Farm Econ., No. 74, p. 919. May 1945. 275.29 V813
- 4616 WILLIAMSON, H. F. Excessive hatching egg premiums may bring OPA ceiling prices. Peninsula Broiler J. 5(3): 1, 2. June 4, 1945. 47.8 P37
- 4617 WIRTZ, P. C. Are we overproducing eggs? Or underselling them? N. J. Farm and Gard. 16(5): 38-39. May 1945. 6 G162
- 4618 YOUNG, A. Newfoundland turns to poultry. Family Herald and Weekly Star 76(21): 14. May 23, 1945. 7 F21
- 4619 ZICH, G. E. The poultry industry will not be stampeded. Poultry Comment 2(2): 2-3. Apr. 1945. 47.8 D92

## RUBBER AND RUBBER SUBSTITUTES

- 4620 BLOOMFIELD, G. F. Recent advances in the physics and chemistry of rubber. 6. Vulcanisation of rubber. India Rubber J. 108: 435-436, 438-439, 447-448. Apr. 21, 1945. 305.8 In21
- 4621 BUHLER, M. F. Caucho sintético. Argentina. Sec. de Indus. y Com. B. 1(4): 175-180. Jan. 1945. 280.9 Ar3
- 4622 BUSENBURG, E. B. Compounding problems with synthetic rubber reclaims. Rubber Age 57: 181-185. May 1945. 305.8 R82
- 4623 DALMA, G. El caucho del Ficus maroma; aplicación del principio de la deshidratación por destilación azeotrópica, al análisis del látex y de las plantas caucheras. Indus. y Quím. 7: 103-110. Mar. 1945. 385 In28
- 4624 DESCOLE, H. R. El problema del caucho en la Argentina. Bolsa de Com., Rosario. Rev. 33(797): 7-10. Mar. 31, 1945. 287 R71
- Plant sources of rubber, Argentine studies, and the question of synthetic rubber.
- 4625 HAKE, H. B. E. Challenge to constructive energy. India Rubber J. 108: 489-492. May 5, 1945. 305.8 In21
- On the rehabilitation of rubber estates in the Far East.
- 4626 HONIG, P. Rubber developments. Gt. Brit. and East 61(1746, Far East Issue): 80. Apr. 1, 1945. 286.8 N27
- Reduced costs and increased uses for rubber.



- 4627 MONEY, E. D. Rubber plantation industry; is nationalisation possible or desirable? Rubber Age and Synthetics 26: 66-67. May 1945. 305.8 R825
- 4628 RAMOS, M. B. Borracha para a industria brasileira de artefatos - problema de futuro proximo. Assoc. Com. do Amazonas. B. 4(45): 16-18. Apr. 1945. 286.9 As7B
- 4629 RIESING, E. F. Synthetic rubber mechanical parts in present and postwar vehicles—II. India Rubber World 112: 186-190. (Cont.) May 1945. 305.8 In2

## SEEDS

- 4630 CARTER, A. S. Routine seed inspection. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 89-90, processed. 1945. 61.9 As7
- 4631 DAVIDSON, W. A. Status of seed control. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 86-89, processed. 1945. 61.9 As7
- 4632 ELLIS, M. G. Kettle Valley seedsmen; this sunshiny valley on the U. S.-Canada border boasts half the growers in British Columbia. Family Herald and Weekly Star 76(12): 3, 4. Mar. 21, 1945. 7 F21
- 4633 FAUGHT, M. C. A business that grew from seeds. Banking 37(11): 17-18, 23-24. May 1945. 284.8 Am3
- 4634 GETSON, S. F. Nova Scotia seed situation. Family Herald and Weekly Star 76(9): 6. Feb. 28, 1945. 7 F21
- 4635 \*HELLBO, E. Statsplombering av utsäde. Lantmannen 29: 251. Mar. 17, 1945. 11 L234  
The new Swedish regulation on the control of seed, effective July 1, 1945.
- 4636 LEEPER, R. L. Plan now for more legume seed. Ohio Farm Bur. News 24(10): 24-25. May 1945. 6 Oh34
- 4637 REEVE, P. A. New segmenting plant at Saginaw is most up-to-date in Nation. Sugar Beet J. 10: 67. Apr. 1945. 66.8 Su38  
For sugar beet seed.
- 4638 WHEELER, W. A. Seeds for the world. Land Policy Rev. 8(2): 14-16. Summer 1945. 1 Ec7La  
Vegetable seed supplied by the United States.
- 4639 WILLIAMS, P. C. A message from the American Seed Trade Association. Assoc. Off. Seed Anal. Proc. (1942-43/1943-44) 35: 80-82, processed. 1945. 61.9 As7  
Lawn seed labeling under Federal and State seed laws.

## SUGAR AND SIRUPS

- 4640 BANGERT, E. E. Sugar beets. Your Farm 3(8): 36-40. June 1945. 6 Y8
- 4641 BOURG, C. J. The sugar situation. Sugar B. 23: 129. June 1, 1945. 65.9 Am32
- 4642 CASABLANCA, J. L. Ordenamiento de la economía azucarera [Argentina]. Indus. Azucarera 50: 162-164. Mar. 1945. 65.8 In22
- 4643 DAVIES, J. G., and YEARWOOD, R. D. E. Zones of supersaturation in raw cane sugar liquors. Determination and influence on crystallization of sucrose. So. African Sugar J. 29(1): 9, 11, 13, 33. Jan. 1945. 65.8 So8
- 4644 DEERR, N. Origin and derivation of some words occurring in the literature of sugar. Internatl. Sugar J. 47: 123-125. May 1945. 65.8 In8
- 4645 DICKINSON, W. E. Viejas postales descoloridas (Con su permiso, Sr. Villoch); "modelo 46, fab". Asoc. de Tec. Azucareros de Cuba. B. 4(1): 10-14. Mar. 1945. 65.9 As5B  
Results of sugarcane analysis 1920-22.
- 4646 THE DISTRIBUTION costs of sugar in South Africa. So. African Sugar J. 28: 105. Mar. 1944. 65.8 So8
- 4647 DODDS, H. H. Deterioration of cane after cutting. So. African Sugar J. 29: 107, 109, 111. Mar. 1945. 65.8 So8
- 4648 DRUCE, J. G. F. Sugar chemistry in Czechoslovakia; some important contributions on the lesser-known sugars. Food [London], 14: 65-66. Mar. 1945. 389.8 F738
- 4649 GOODBAN, J. W. D. The Zaria brown sugar industry: its economics and effects on local cane production. Farm and Forest 5: 185-186. Dec. 1944. 24 F226  
Chiefly on costs and returns.
- 4650 HARDY, F. Science in sugar production. Internatl. Sugar J. 47: 120-122. May 1945. 65.8 In8  
Factors determining yield and quality of sugar.
- 4651 HOCKETT, R. C. Sugar the unknown. So. African Sugar J. 29(1): 23, 25. Jan. 1945. 65.8 So8
- 4652 \*INDIA. DEPT. OF COMMERCE., The sugar industry of India. India. Dept. Com. Booklet 6, 9 p. Bombay, n. d. 280.9 In277
- 4653 LAMBORN, O. H. Candy industry's No. 1 problem. Internatl. Confectioner 55(5): 31, 82. May 1945. 389.8 In214  
The sugar situation.
- 4654 LAMBORN, O. H. Sugar supplies present & post-war. (Abs.) Food in Canada 5(4): 29-30. Apr. 1945. 389.8 F7323
- 4655 LARKE, G. R. Sugar Foundation research director reveals new horizons. Sugar Beet J. 10: 93-94. May 1945. 66.8 Su38  
New uses of sugar.
- 4656 LYON, H. L. Sugar - the foundation of all progress on earth. So. African Sugar J. 28: 97, 99, 101, 103. Mar. 1944. 65.8 So8
- 4657 MAESTRI, R. El fiasco de 1945. Labor 4 (84): 3. Apr. 30, 1945. 8 L11  
Situation in the Cuban sugar industry.
- 4658 \*MATHOT, A. L. C. Rise in purity from clear juice to syrup. Indian Sugar 8: 48-50. Feb. 1945. 65.8 In25
- 4659 MULLER, G. W., JR. Sugar refining in southwest China; working with limited equipment Yunnan refineries are managing to keep up production. Sugar 40(5): 24-25. May 1945. 65.8 F11
- 4660 \*OZA, T. M. A note on pure charcoal from cane sugar. Indian Chem. Soc. J. 21: 38. Jan. 1944. 385 In27
- 4661 ROMERO MANRIQUE, A. Instrucciones generales para la elaboración de la panela. Colombia. Min. de la Econ. Nac. Agricultura 16: 1203-1214. Jan./Dec. 1944. 9.4 In22
- 4662 SÁENZ, A. La industria azucarera nacional [México]. Rev. de Econ. 7(11/12): 30-40. Dec. 31, 1944. 280.8 R3293
- 4663 \*SANCHEZ DUARTE, J. El problema del azúcar [Spain]. Aliment. Nac. 4(40): 2. Jan. 10, 1945. 389.8 AL42
- 4664 \*SINIAGIN, I. Uspekhi sveskloseianifa v nechernozemnoi polose v period voiny [Successful sugar beet production in the nonblack soil area during the war]. Sotsialist. Sel'sk. Khoz. 16(1/2): 33-36. Jan./Feb. 1945. 281.8 So73  
Includes processing, cultivation, yields, and utilization of sugar beet.
- 4665 SOUTH AFRICAN CANE GROWERS' ASSOCIATION. Annual report 1944/45: a record of achievement! So. African Sugar J. 29: 141, 143, 145, 147, 149. Apr. 1945. 65.8 So8
- 4666 STEWART, C. W. Sugar research. Sugar B. 23: 125. May 15, 1945. 65.9 Am32
- 4667 U. S. CONGRESS. HOUSE. SPECIAL COMMITTEE TO INVESTIGATE FOOD SHORTAGES...1945. The sugar situation. Report...pursuant to H. Res. 195. 79th Cong., 1st sess. H. Rpt. 602, 14 p. Washington, 1945. Clinton P. Anderson, Chairman.
- 4668 VARELA MARTÍNEZ, R. La caña de azúcar y la ventajosa situación para su cultivo en Colombia. Colombia. Min. de la Econ. Nac. Agricultura 16: 1191-1193. Jan./Dec. 1944. 9.4 In22  
Notes the reasons for development of the industry in the United States.
- 4669 YEARWOOD, R. D. E. Experiments on deliming clarified [sugarcane] juice. Internatl. Sugar J. 47: 102-104. Apr. 1945. 65.8 In8
- 4670 YEARWOOD, R. D. E. Production of footings for low-grade massecuites; factory trials using a pan fitted with a webber-type circulator. Internatl. Sugar J. 47: 125-127. May 1945. 65.8 In8



## TOBACCO

- 4671 CASTRO Y CORONEL, J. B. Atalaya agrícola. Manabí, Ecuador. Consorcio de Cent. Agr. B. 6(41): 49-51. Jan./Mar. 1945. 9.5 M31  
The tobacco industry.
- 4672 POSSE, J. J. La industria tabaquera de Tampa. Habano 11(4): 1-2, 24-25. Apr. 1945. 69.8 H11
- 4673 PRICE, H. B. Tobacco market—1945. Ky. Farmer's Home J. 81(5): 4. May 1945. 6 F2237
- 4674 \*SURI, H. D. Flue-cured and non-cured tobacco. Indian Chem. Soc. J., Indus. & News Ed. 7: 91-92. 1944. 385 In27A
- 4675 \*TILLMANN, E. Anhang: Das kgl. ung. tabakmonopol. Ungar. Wirtsch.-Jahrb. (1943) 19: 236-237. 280.8 Un35
- 4676 U. S. OFFICE OF FOREIGN AGRICULTURAL RELATIONS. Australia's tobacco consumption rises during the war. Foreign Crops and Markets 50: 228-230. May 14, 1945. 1.9 St2F  
Based on report from the American Consulate General, Sydney, Australia.

## MISCELLANEOUS PRODUCTS

- 4677 \*BISWAS, H. G. On the constitution of the tannin from Indian teripods, *Caesalpinia digyna*. Indian Chem. Soc. J. 21: 32-34. Jan. 1944. 385 In27
- 4678 CHANEY, G. G. War-torn Low Countries' bulb industry and trade. Foreign Com. Weekly 19(9): 6, 15. May 26, 1945. 157.54 F763
- 4679 DAVENPORT, R. Proper care in grading and packing flowers, pays big dividends. Florists' Rev. 96(2475): 20-22. May 3, 1945. 80 W41
- 4680 DELTOR FERRAZ, H. Comentarios sobre la industria nacional del papel y cartón. Argentina. Sec. de Indus. y Com. B. 1(4): 171-174. Jan. 1945. 280.9 Ar3
- 4681 FORMAN, L. V., and NIEMEYER, D. D. The utilization of the milkweed plant in the paper and paperboard industry. Paper Indus. and Paper World 27: 88, 92, 94. Apr. 1945. 302.8 P1923
- 4682 GARCÍA CRUZ, M. Estudio económico comercial de la candelilla. Agr. y Canad. 20(5): 10-13; (6): 20-21, 23. (Cont.) Mar. 31, Apr. 30, 1945. 8 Ag834
- 4683 \*GHOSH, S. Symposium on utilization of the indigenous drugs of India. Indian J. Pharm. 6(Pharm. Conf. No.): 10-20. 1944. 396.8 In23
- 4684 HASSID, W. Z. The molecular constitution of starch. Wallerstein Labs. Commun. 8(23): 34-35. Apr. 1945. 390.9 W15
- 4685 HONEYWELL, E. R. Points on plans for post-war operation of florists' establishments. Florists' Rev. 96(2476): 17-18, 55, 99. May 10, 1945. 80 W41
- 4686 KIPLINGER, D. C. Grading and packing of cut flowers studied in Ohio schools. Florists' Rev. 96(2475): 17-19. May 3, 1945. 80 W41
- 4687 LÓPEZ, H. Harina de pescado. Peru. Dir. de Asuntos Orientales, Colon. y Terrenos de Oriente. Colon. y Foresta 1(4): 48-49. 1944. 9.8 P435  
Development of the industry and analysis of the meal.
- 4688 LÓPEZ, H. Una nueva industria en el Perú. Peru. Dir. de Asuntos Orientales, Colon. y Terrenos de Oriente. Colon. y Foresta 1(4): 41. 1944. 9.8 P435
- The canned fish industry.
- 4689 MARKWOOD, L. N. Markets abroad for American insecticides. Foreign Com. Weekly 19(9): 7-11, 36-39. May 26, 1945. 157.54 F763
- 4690 \*MUKOSEEV, N. A. Opyt zameny krakhmalo-produktov kamed'iu pri varke shlikhty [Experiment in substituting resin for starchy products in the preparation of size]. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(1/2): 23-24. Jan./Feb. 1943. 304.8 T23

- 4691 PENN, H. Integrity is key to future growth; sale of invariably fresh flowers prime demand. South. Florist and Nurseryman 58(8): 6. May 18, 1945. 80 So86
- 4692 SCHOFIELD, M. Development of commercial lecithin. Mfg. Chem. 16: 135-137. Apr. 1945. 396.8 M31
- 4693 \*SHRIKHANDE, J. G. Estimation of cellulose in tannin materials. Indian Chem. Soc. J., Indus. & News Ed. 7: 75-80. 1944. 385 In27A
- 4694 \*SHRIKHANDE, J. G. Hemicelluloses in tannin materials. Indian Chem. Soc. J., Indus. & News Ed. 7: 81-90. 1944. 385 In27A
- 4695 SOLAR, E. M. DEL. La sal y la pesquería. Peru. Dir. de Asuntos Orientales, Colon. y Terrenos de Oriente. Colon. y Foresta 1(4): 44-45. 1944. 9.8 P435  
Importance of salt in fish preservation.
- 4696 WAGONER, J. F. The use of beta naphthol for the preservation of acidity in vegetable tan liquor samples. Amer. Leather Chem. Assoc. J. 40: 222-226. May 1945. 303.9 Am32
- 4697 WELLMAN, F. L. Balsam of Peru from El Salvador. Agr. in the Americas 5: 86-88. May 1945. 1 F752A  
Includes tapping of the trees and extraction of the balm.
- 4698 WESTON, T. A., JR. The war's effects on cut flower supplies and prices. Florists Exch. 104(22): 14, 18-19. June 2, 1945. 80 F666
- 4699 WHITE, R. P. Retail nurseries' postwar plans. Amer. Nurseryman 81(10): 7-8. May 15, 1945. 80 Am371
- 4700 ZELLENRATH, T. The bulb industry of Holland. Canad. Florist 40: 162, 165. May 20, 1945. 80 C163

## AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

## GENERAL

- 4701 ANDRIEU, E. C. Conservación de la vieja estancia criolla y agremiación rural. Buenos Aires y La Pampa, No. 78, p. 15-16. Feb. 1945. 9 B868
- 4702 \*ANTUNES, F. D. Hortas da várzea de Loures. Portugal. Junta Nac. das Frutas. B. 4(6): 20-24; (7): 29-37. (Cont.) June-July 1944. 286.3939 P83  
History, population, and agriculture of Loures, including costs of production and returns.
- 4703 BELSHAW, H. Post war economic reconstruction in New Zealand. Pacific Affairs 17: 421-443. Dec. 1944. 280.8 P11  
Includes agriculture.
- 4704 BONER, P. Consideraciones sobre la Selva Ucayali [Peru]. Pensamiento Peruano, Mar./Apr. 1945, p. 24-31. (Concl.) 110 P38  
Includes agriculture, land distribution, and colonization.
- 4705 BROWN, H. L. Economic conditions in Nyasaland. Canada. Dept. Trade and Com. Com. Intel. J. 72: 404-406. May 12, 1945. 286.8 C16  
Includes agriculture.
- 4706 BROWN, H. L. Economic conditions in South Africa in 1944. Canada. Dept. Trade and Com. Com. Intel. J. 72: 421-427. May 19, 1945. 286.8 C16  
Includes the agricultural situation and statistics of production and exports.
- 4707 CARDOZO, F. M. A agricultura e a indústria. Rev. Rural Bras. 25(293): 14-18. Jan. 1945. 9.2 B733  
A study of their interrelationship.
- 4708 CUBA'S economy in 1944. Foreign Com. Weekly 19(7): 8-9, 46-47. May 12, 1945. 157.54 F763
- 4709 DÍAZ SOLER, A. Algunas notas sobre nuestra economía rural. Santander (Dept.) Contraloría Dept. B. 10(40): 32-34. Nov. 1944. 255.5 C7152



4710 FIGUEROA, E. DE. Teorías de los ciclos. VI. An. de Econ. 4: 305-337. July/Sept. 1944. 280.8 An1

Includes influence of variations in agricultural production upon business cycles.

4711 GRAJDANZEV, A. J. India's economic position in 1944. Pacific Affairs 17: 460-477. Dec. 1944. 280.8 P11

Social, economic, and agricultural conditions in India.

4712 LATTIMORE, O. Yakutia and the future of the North. Amer. Rev. Soviet Union 6(2): 3-16. Feb. 1945. 280.8 Am391

A historical description of the people, economic and social conditions, and natural resources including agriculture in Yakutia.

4713 LAUZET, L. El cooperativismo y el restablecimiento de la producción agrícola en Europa. Copecarril 20(237): 22-23. Mar. 1945. 280.28 C7862

4714 LEWIS, T. Rural reconstruction; the opportunity of the Welsh agricultural co-operative movement. Welsh Agr. Organ. Soc. W. A. O. S. B., No. 6, p. 2-3, processed. Apr. 1945. 280.29 W46W

4715 MEJÍA FERNÁNDEZ, M. El aprovechamiento de las tierras de labor y sus efectos sobre el desarrollo agrícola de México, 1897-1942. Mex. Agr. 7(1): 7-28. Jan./Mar. 1945. 280.8 M57

4716 NATIONAL CATHOLIC RURAL MOVEMENT. Education series, No. 5, 8. Rural Life [Melbourne], No. 60, p. 3; No. 63, p. 3. June 17, Sept. 16, 1944. 281.28 R882

No. 5: National agricultural credit vital necessity; No. 8: Independent farming the only basis for land settlement.

4717 STOUT, W. W. The great West Indian dream. Sat. Evening Post 217(45): 27, 38, 40. May 5, 1945. 110 S

Social and economic conditions, and post-war prospects of the West Indies.

4718 TURKEY: economic trends in the year of war's crisis. Foreign Com. Weekly 19(9): 12-13, 39-40. May 26, 1945. 157.54 F763

Digested from report by E. B. Lawson.

Trade, the agricultural situation, and prices.

4719 WARD, A. L. The "Tunica" story. Cotton and Cotton Oil Press 46(11): 5, 8. June 2, 1945. 304.8 C822

Agricultural objectives and community cooperation in Tunica County, Miss.

4720 WUNDERLICH, F. Fascism and the German middle class. Antioch Rev. 5(1): 56-67. Spring 1945. 280.8 An82

Includes discussion of the economic condition and the political attitude of the German farmer.

#### AGRICULTURAL FINANCE

4721 DRUMMOND, W. M. Using wartime earnings; a practical farm economist gives some principles which farsighted Canadian farmers will find useful in the post-war period. Family Herald and Weekly Star 76(21): 3. May 23, 1945. 7 F21

4722 LYON, H. A. Farm income, farm values, and farm assessments. Natl. Conf. Assessment Admin. Papers (1944) 11: 18-22. 1945. 284.59 N2172

4723 PIOLETTI, L. A. Rebaja de contribución inmobiliaria y seguros sobre ganados generales. Diario Rural 4, i. e. 5(466): 5. Apr. 4, 1945. 9.9 D54

Taxation and stock insurance in Uruguay.

#### Credit

4724 BRENNAN, G. M. Financing the Farm Credit Administration. Staple Cotton Rev. 23(5): 1-4. May 1945. 72.8 St22

4725 BROWN, A. G. Country bankers are on their toes. Banking 37(12): 53-54, 60. June 1945. 284.8 Am3

Agricultural loans.

4726 BRYDEN, W. K. Recent social legislation in Saskatchewan. Pub. Aff. 8: 115-118. Winter 1945. 280.8 P965

Includes farm credit.

4727 BUTZ, E. L. Postwar agricultural credit problems and suggested adjustments. J. Farm Econ. 27: 281-296. May 1945. 280.8 J822

4728 DUDLEY, R. H. Building credit control on past experience. News for Farmer Coops. 12(3): 12, 17. June 1945. 166.2 N47

The credit program of the Cooperative Grange League Federation Exchange.

4729 FOSTER, R. L. Credit co-ops prove their mettle. News for Farmer Coops. 12(2): 16-18. May 1945. 166.2 N47

Production credit associations.

4730 HARMAN, L. Let's build rural credit unions in Ontario. Rural Co-op. 9(17): 3. May 8, 1945. 280.28 R88

4731 HART, V. B. Sound farm loans for veterans. Banking 37(11): 55. May 1945. 284.8 Am3

4732 HORTON, D. C. Economic control through [Federal] agricultural credit aids. Land Policy Rev. 8(2): 17-22. Summer 1945. 1 Ec7La

4733 KINNEY, P. M. Livestock agent hired by bank. Breeder's Gaz. 110(6): 8, 28. June 1945. 49 B74

Credit and services extended to farm customers by Central National Bank, Greencastle, Ind.

4734 LEGERRE, M. Freedom cannot live without free farmers. Red Comb B. 176, p. 14. Jan./Feb. 1945. 47.8 R24

Credit unions for farmers.

4735 LOVE, H. M. Short-term credit situation. Va. Farm Econ., No. 74, p. 917-918. May 1945. 275.29 V813

4736 PIOLETTI, L. A. Capital para que la juventud vaya al campo [Uruguay]. Diario Rural 4, i. e. 5(458): 10. Feb. 28, 1945. 9.9 D54

4737 FUHR, M. C. A PCA loan for livestock. Breeder's Gaz. 110(5): 8, 26. May 1945. 49 B74

#### Income

4738 BRADY, D. S., and WILLIAMS, F. M. Advances in the techniques of measuring and estimating consumer expenditures. J. Farm Econ. 27: 315-344. May 1945. 280.8 J822

Includes farm income.

4739 COLLISSE, C. F. What the cow-sow-hen have done to enrich N. W. agriculture. Com. West 89 (17): 11. Apr. 28, 1945. 286.8 C733

Cash returns.

4740 \*NANNESON, L. Jordbrukarfamiljernas inkomster, 1943-1944. Lantmannen 29: 387. Apr. 28, 1945. 11 L234

Income of Swedish farm families in 1943-1944.

4741 TRUCKSIS, W. The farmer and his customers. Ohio Farm Bur. News 24(10): 4-6. May 1945. 6 On34

Effect of city prosperity on farm income.

#### Inflation

4742 LI, C. M. Inflation in wartime China. Rev. Econ. Statis. 27(1): 23-33. Feb. 1945. 251.8 R32

Discusses effect of inflation on the farmers and problems of price control and rationing.

4743 MARSHALL, W. Inflation dangers ahead. New Zeal. Dairy Exporter 20(8): 14. Apr. 2, 1945. 44.8 N484

#### Insurance

4744 ELLSWORTH, VON T. The California Farm Bureau's health insurance proposal. Commonwealth Club Calif. Trans. 39: 282-285. June 4, 1945. 280.9 C732

4745 HYRE, F. M. Mutual insurance older than our Republic. News for Farmer Coops. 12(3): 3, 17. June 1945. 166.2 N47

4746 MAY, S. C. Financial aspects of health insurance with particular reference to AB800 and AB449. Calif. U. Bur. Pub. Admin. Leg. Prob., 1945, No. 3, 35 p., processed. Berkeley, 1945. 280 C1222

4747 VALGREN, V. N. Livestock insurance and mortality data. J. Amer. Ins. 22(4): 16-17, 21-22. Apr. 1945. 284.68 J822



Taxation

- 4748 BELL, E. A. The incidence of taxation on farming profits in wartime. Scot. Farmer 53: 570-571. Apr. 28, 1945. 10 Sco8  
Article with similar title in Farming News and North Brit. Agr. 97(18): 3. Apr. 27, 1945. 10 N82
- 4749 CAMERON, W. S. F. Money being torn from the pockets of the people. Farmer [Pietermaritzburg] 33(13): 9. Mar. 31, 1944. 24 F227  
Taxation and agriculture.
- 4750 EMANUEL, V. Memorandum on farmer cooperatives. Milk Prod. 10(3): 1-3. 11. Apr. 1945. 44.8 M5993  
On the attack on the farmer cooperative tax exemption by the National Tax Equality Association.
- 4751 HORN, C. M. Income taxes on sales of dairy cattle. Holstein-Friesian World 42: 827, 880-881. May 19, 1945. 43.8 H742
- 4752 JESNESS, O. B., and KOLLER, E. F. Cooperatives and income taxes. Minn. U. Agr. Ext. Farm Business Notes, No. 269, p. 1-2. May 23, 1945. 275.29 M663
- 4753 MCCABE, B. C. Taxation of individuals and co-operatives. Grain and Feed J. Consolidated 94: 397. May 23, 1945. 298.8 G762
- 4754 SCHENCK, H. E. NTEA [National Tax Equality Association], attacks cooperatives. Hoosier Farmer 30(5): 8, 30-31, 34. May 1945. 280.82 H76

AGRICULTURAL LABOR AND WAGES

- 4755 ARCHER, MRS. L. A. Training and handling of farm labour; how students at the agricultural colleges might learn to teach raw natives. Farmer's Weekly [Bloemfontein] 69: 188-189. Apr. 11, 1945. 24 F225
- 4756 BEST, J. W. Labour values. Field 185: 326-327. Mar. 31, 1945. 10 F45  
Education and wages in British agriculture.
- 4757 BIERLY, I. R. Progress report of time studies of different methods of harvesting hay. N. Y. Agr. Col. (Cornell) A. E. 498, 25 p., processed. Ithaca, 1945. 281.9 C81
- 4758 BIERLY, I. R. Time studies in the dairy barn. Certified Milk 20(228): 3, 13-18. Apr. 1945. 44.8 C33  
Organization and management of work on dairy farms.
- 4759 BILBAO, P. Renacimiento de la agricultura británica; 80.000 mujeres británicas trabajan en agricultura. Vida Rural 6(68): 33. Mar. 1945. 9.4 V66  
On the Women's Land Army.
- 4760 CLARK, C. C. Labor-this season and post-war. Natl. Peach Council. Peach Ann. 1945: 21, 23-24. 281.3939 N21
- 4761 CROCHERON, B. H. Statement of policy on the placement of Mexican national workers. Blue Anchor 22(2): 10-11, 36-37. May 1945. 286.83 B62
- 4762 DOW, G. F. Use of labor on Maine dairy farms. Maine Agr. Col. Ext. Farm Econ. Facts, No. 58, p. 1289-1290, processed. Apr. 1945. 275.29 M281F
- 4763 DUNLAP, H. G. Work simplification in the dairy industry. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 8-10. 44.9 V593
- 4764 \*DVOYCHENKO, I. I. URSy i prigorodnye khoziaistva tekstil'nykh predpriyatii [Workers' supply divisions and the suburban farms of textile enterprises]. U. S. S. R. Narod. Komis. Tekstil'. Promysh. Tekstil'. Promysh. 3(1/2): 4-5. Jan./Feb. 1943. 304.8 T23  
Organization of labor for the production of food for the workers and for the Red Army.
- 4765 ELTON, J. W. Harvesting methods and handling help. N. Y. State Hort. Soc. Proc. (1945) 90: 172-174. 81 N484  
Chiefly on the harvesting of the Elton Orchards, Hampton Falls, N. H.
- 4766 ENGINE, S. A., and DOSE, V. G. Saving seconds. Minn. U. Agr. Ext. Farm Business Notes, No. 269, p. 3. May 23, 1945. 275.29 M663  
Planning and organization of work on a dairy farm.
- 4767 \*GRUNDSTRÖM, S. Människan är ingen maskin! Lantmannen 29: 276-278. Mar. 24, 1945. 11 L234  
Efficiency of farm labor in Sweden.
- 4768 HALL, F. A vacation call to farms. Forecast 61(5): 19, 54, 58. May 1945. 321.8 F76  
The Women's Land Army.
- 4769 HANKS, E. K. The farm labor program for 1945. N. Y. State Hort. Soc. Proc. (1945) 90: 175-179. 81 N484  
Chiefly on the farm labor program in New York State
- 4770 HENDRICKS, F. A statistical summary of the Lake Charles area, Calcasieu Parish, Louisiana... statistical data on war and pre-war employment and industry for use by local groups formulating plans for the post-war period. U. S. Bur. Labor Statis. Employment and Occupational Outlook Branch. Postwar Div. Indus. Area Statis. Sum., No. 24, 16 p., processed. Washington, 1944. 158.6 In22  
Includes agriculture.
- 4771 HENSLEY, H. C., and GESSNER, A. L. Saving vital foods with foreign workers. News for Farmer Coops. 12(3): 1, 16-17. June 1945. 166.2 N47
- 4772 HESS, L. S. New Jersey youngsters answer call to farms. Agr. Ed. Mag. 17: 233. June 1945. 275.8 Ag8  
Work on New Jersey farms.
- 4773 HITCHCOCK, J. A. Saving labor for the dairy farmer. N. Y. State Assoc. Milk Sanit. Ann. Rpt. (1944) 18: 47-50, 52. 1945. 44.9 N4833
- 4774 HURD, T. N. Recent changes in selective service deferment for agricultural workers. N. Y. State Hort. Soc. Proc. (1945) 90: 167-169. 81 N484
- 4775 JASNY, N. Labor productivity in agriculture in USSR and USA. J. Farm Econ. 27: 419-432. May 1945. 280.8 J822
- 4776 JOHNSON, W. School harvest camp. Gt. Brit. Min. Agr. Agriculture 52: 75-78. May 1945. 10 G79J  
Wartime assistance to farmers by schools.
- 4777 \*KOROBKOV, I. Individual'naiâ sdel'shchina [Individual accomplishment]. Kolkhoz. Proizvod., No. 10, p. 7. Oct. 1944. 281.8 K83  
Organization of work in the kolkhoz "XII Okt'abr'" in the Penza region.
- 4778 KRAENZEL, C. F. Good explanation and demonstration will help the Mexican nationals. Mont. Farmer 32(17): 7, 10. May 1, 1945. 6 M764  
Training and care of Mexican farm labor.
- 4779 LESTER, R. A. Trends in Southern wage differentials since 1890. South. Econ. J. 11: 317-344. Apr. 1945. 280.8 So84  
Farm wages included.
- 4780 McDONELL, R. J. Veterans can provide farm services. Family Herald and Weekly Star 76(1): 4. Jan. 3, 1945. 7 F21
- 4781 MCNULTY, J. B. Bonus and other incentive payments for farm workers. Minn. U. Agr. Ext. Farm Business Notes, No. 269, p. 2-3. May 23, 1945. 275.29 M663
- 4782 MURRAY, F. City kid farmers. Agr. Leaders' Digest 26(5): 34-35. May 1945. 275.28 Am3  
Training school boys as emergency farm help.
- 4783 MURRAY, F. Labor camps being established in Indiana, to provide needed farm workers. Farm News 11(10): 1. May 18, 1945. 6 F2236
- 4784 NICHOLS, L. A. Stability in farm wages is WFA goal. Wash. Farmer 70: 305. June 7, 1945. 6 R151
- 4785 PATTERSON, C. L. Plan for fewer steps in choring. Family Herald and Weekly Star 76(20): 14. May 16, 1945. 7 F21
- 4786 REBMAN, E. F. Handling farm help. Mich. Farmer 204: 269, 284. May 19, 1945. 6 M58



4787 \*RÉZLER, J. Der nachwuchs und die aufstiegsmöglichkeiten des arbeiterstandes der ungarischen grossindustrie. Ungar. Wirtsch.-Jahrb. (1943) 19: 363-369. 280.8 Un35

Includes relative trends in numbers of industrial and agricultural workers.

4788 RICHARDS, C. A., and FLACK, W. S. Farming camp school. Gt. Brit. Min.-Agr. Agriculture 52: 79-82. May 1945. 10 G79J

School labor assistance for farmers.

4789 \*RIEBOLD, C. Führen und erziehen! Das problem der fremdarbeiter in der landwirtschaft. Nationalsoz. Landpost, 1945, No. 7, p. 2. Feb. 16. 18 N212

4790 RUTHERFORD, D. M. They got the fruit picked. Calif. Citrogr. 30: 250-252. June 1945. 80 C125

Work of the San Gabriel Valley Labor Association.

4791 \*SAFROSHKIN, S. Brigada, likvidirovashaya oberlichku i uravnilovku. Kolkhoz. Proizvod., No. 10, p. 4-6. Oct. 1944. 281.3 K33

Organization of labor in the kolkhoz "Zvezda" in the Krasnodar region.

4792 \*SELEZNEV, P. Transportnaya brigada P. Voitenko. Kolkhoz. Proizvod., No. 10, p. 15. Oct. 1944. 281.3 K33

Organization of labor in the kolkhoz "Pravda" in the Altai region.

4793 \*SHIMOLIN, A. Povysit' uroven' agrotekhniki. Sovkhoz. Proizvod. 5(1/2): 25-27. Jan./Feb. 1945. 20 So85

Efficient organization of work and application of agricultural technique would increase production on the State farms of the Kuban region.

4794 SUGDEN, J. J. Prisoners of war for farm labor. N. Y. State Hort. Soc. Proc. (1945) 90: 184-187. 81 N484

4795 \*SZEBERTHY, J. Die sozialpolitik der übergangswirtschaft. Ungar. Wirtsch.-Jahrb. (1943) 19: 357-362. 280.8 Un35

Includes the problem of reabsorbing industrial workers into agriculture.

4796 \*TEBRIAEV, I. Kak obespechit' postoyanstvo zven'ev [How to assure the permanency of the "zven'ia"]. Kolkhoz. Proizvod., No. 10, p. 6-7. Oct. 1944. 281.3 K33

Organization of labor in the kolkhoz "Zavety Lenina" in the Tambov region.

4797 THORBURN, J. B. A plea for re-organization on the dairy farm to give milkers equal leisure with field workers. Farmers Weekly [London] 22(18): 29. May 4, 1945. 10 F2226

4798 \*TIMOFEEVA, E. Dopolnitel'naya oplata parnikovomu zvenu. Kolkhoz. Proizvod., No. 10, p. 13. Oct. 1944. 281.3 K33

Wages in the kolkhoz "Kollektivist," in the Moscow region.

4799 UNION OF SOUTH AFRICA. SECRETARY FOR AGRICULTURE AND FORESTRY. Italian prisoners-of-war for 1944 maize harvesting. Farmer [Pietermaritzburg] 33(14): 10. Apr. 7, 1944. 24 F227

4800 VALENTINE, F. W. Women's emergency farm service on the Pacific Coast in 1943. U. S. Women's Bur. B. 204, 36 p. Washington, 1945. 158.92 B87

4801 WIGGINS. Use of prisoners of war for farm labor. N. Y. State Hort. Soc. Proc. (1945) 90: 179-183. 81 N484

4802 YACKULIC, G. A. Farm wages [in Alberta] move up. Family Herald and Weekly Star 76(20): 10. May 16, 1945. 7 F21

#### AGRICULTURE - SITUATION, POLICIES, AND PROGRAMS

4803 LA ACCIÓN agraria de la revolución paraguaya en el 70. departamento. Paraguay. Min. de Agr. Rev., No. 5, p. 4-13. Jan. 1945. 9.7 Ag8Re

4804 AVIGDOR, S. Aperçu succinct sur l'ensemble de la production agricole des États-Unis. Égypte Agr. 43(355): 1-9. Jan./Feb. 1945. 24 Un32

4805 BARTON, G. S. H. Canada at the cross roads. Canad. J. Compar. Med. 9: 99-101. Apr. 1945. 41.3 C162

Agriculture's problem of producing for export or local consumption.

Similar title in French in B. des Agr. 12, i. e. 41(5): 16-17. May 1945. 7 B872

4806 BARTON, G. S. H. Canadian agriculture. Agr. and Indus. Prog. Canada 27: 66-68. May 1945. 253 Ag82

4807 BILBAO, P. El renacimiento de la agricultura británica. Agrario 9(356): 7. Feb. 28, 1945. 9.3 Ag85

4808 BIRKETT, C. B. New Zealand production plans. Canada. Dept. Trade and Com. Com. Intel. J. 72: 427-428. May 19, 1945. 286.8 C16

Production goals for various agricultural products.

4809 \*BORKENHAGEN, E. Es muss gehen! Nationalsoz. Landpost, 1945, No. 3, p. 1-2. Jan. 19. 18 N212

Agricultural production in Germany.

4810 BROMFIELD, L. Our great stake in agriculture. Vital Speeches 11: 470-474. May 15, 1945. 280.8 V83

4811 \*BRUMMENBAUM, A. Die parolen der frühjahrsbestellung. Nationalsoz. Landpost 1945, No. 9, p. 1. Mar. 2. 18 N212

4812 BUCHANAN, A. S. O. S.—calling all farmers. Milk Messenger 22: 27. Apr. 1945. 44.8 M5925

British agriculture.

4813 BUNCE, A. C. Our agricultural revolution. Banking 37(11): 56-57. May 1945. 284.8 Am3

4814 CADENA GARZÓN, F. Ampliación del plan quinquenal [Colombia]. Vida Rural 6(67): 25-26. Feb. 1945. 9.4 V66

4815 CANNING, J. B. Food and agriculture: longer-run outlook and policy. Amer. Econ. Rev. 35(2): 405-416. May 1945. 280.8 Am32

4816 CLARK, T. D. Southern common folk after the Civil War. So. Atlantic Q. 44: 130-145. Apr. 1945. 110 So82

Chiefly on Southern agricultural problems.

4817 CROWTHER, G. An economist's views of agriculture. London. Farmers' Club. J. 1945, pt. 3, p. 30-36. 10 L84

Discussion, p. 36-45.

4818 \*CZETTLER, E. VON. Die probleme der wirtschaftlichen und sozialen zukunft der ungar. landwirtschaft. Ungar. Wirtsch.-Jahrb. (1943) 19: 88-93. 280.8 Un35

4819 ELLIS, F. E. York County and its problem city; Toronto offers York County farmers a good market, but creates many headaches. Family Herald and Weekly Star 76(22): 5, 6. May 30, 1945. 7 F21

Discusses agriculture in York County, Ont.

4820 \*ERDMANN. Marktleistungen als grundlage der wirtschaftsberatung. Nationalsoz. Landpost, 1945, No. 2, p. 3. Jan. 12. 18 N212

4821 FULLERTON, A. Nova Scotia garden belt comes from a far past. Farmer's Advocate and Home Mag. 80: 367, 399. May 24, 1945. 7 F22

An agricultural survey.

4822 GARCÍA BARRAN, M. Panorama agrícola en el Estado de Jalisco. Cosecha [Guadalajara], No. 3, p. 7-18. Apr. 15, 1945. 8 C824

4823 GÓMEZ, M. R. Tendencias, medios y fines de la política agrícola en México. Rev. de Econ. 8(1/2): 8-11. Feb. 28, 1945. 280.8 R3293

4824 GÓMEZ MARZHEIMER, G. Sinopsis de la estructura agraria rusa. Unión Agr. del Sur 3(16): 9-13. Mar. 1945. 9.3 Un3

4825 GRAHAM, W. The future [of agriculture]—some Scottish aspects. N. F. U. Rec. 23: 150-151. May 1945. 281.8 N21

4826 GRAVES, M. Farming in wartime Britain. Rural New-Yorker 104: 250. May 5, 1945. 6 R88

4827 GREEN, P. L. The Paraguay River Basin. Agr. in the Americas 5: 100, 97. May 1945. 1 F752A

Describes agriculture in the Basin.



- 4828 GRILLO, H. O ensino e as investigacoes agronomicas no Brasil. Montevideo. U. Facul. de Agron. Rev., No. 37, p. 9-18. Aug. 1944. 102-5 M76R  
Includes description of the Government organization for agriculture.
- 4829 HAGGERTY, J. J. Wartime shifts in Latin American agriculture. Foreign Agr. 9: 75-80. May 1945. 1-9 Ec7For
- 4830 HENDERSON, G. B. Egyptian farming; little change from Pharaoh's days. Farming News and North Brit. Agr. 97(17): 15. Apr. 20, 1945. 10 N82
- 4831 HOLMES, G. A. In praise of Scotland. Scot. Farmer 53: 605. May 12, 1945. 10 Sco8  
Scottish agriculture.
- 4832 HOWIE, G. W. Manx agriculture at war. Gt. Brit. Min. Agr. Agriculture 52: 49-53. May 1945. 10 G79J
- 4833 HURD, A. Glimpses of Canadian farming. Family Herald and Weekly Star 76(20): 4. May 16, 1945. 7 F21  
Wartime agriculture.
- 4834 JONES, D. D. Eire expanding its agricultural production. Foreign Crops and Markets 50: 219-221, processed. May 7, 1945. 1-9 St2F
- 4835 JUDKINS, C. J. Successful regional business councils. Dom. Com. 33(5): 14-15. May 1945. 157-54 D713  
Includes discussion of their work in the field of agriculture.
- 4836 KENDALL, W. An agricultural policy. Estate Mag. 45: 98-99. Apr. 1945. 10 Es8
- 4837 \*KERÉK, M. Tätigkeit, organe und Leistungen des Landesfonds für Volks- und Familienschutz. Ungar. Wirtsch.-Jahrb. (1943) 19: 308-319. 280.8 Un35
- 4838 LAMONT, C. Tadzhik and Kirgiz republics. Soviet Russia Today 14(2): 22-23, 32. June 1945. 280.8 So89  
Includes agriculture.
- 4839 \*LIEDBERG, G. Brännande problem vänta jordbruket. (Excerpts.) Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige och Gästrikland 15(16): 3. Apr. 21, 1945. 11 J762  
Prospects and problems of Swedish agriculture.
- 4840 \*LISZY, E. VON. Die bisherigen ergebnisse der durchführung des gesetzes über die förderung der landwirtschaft. Ungar. Wirtsch.-Jahrb. (1943) 19: 74-79. 280.8 Un35
- 4841 MADRID S., C. El Doctor Carlos Madrid, jefe del Departamento Nacional de Agricultura, y el plan agrícola quinquenal en Colombia. Colombia. Min. de la Econ. Nac. Agricultura 16: 1187-1190. Jan./Dec. 1944. 9-4 In22
- 4842 MAISCH, C. La costa peruana, sedienta, pero fecunda. Pensamiento Peruano, Mar./Apr. 1945, p. 17-21. 110 P38  
Mentions the chief agricultural products of the area.
- 4843 MERCHANT, C. H. The agricultural situation and outlook. Maine Agr. Col. Ext. Farm Econ. Facts, No. 58, p. 1269-1271, processed. Apr. 1945. 275-29 M281F
- 4844 MILBURN, V. S. British visitors. Rural Co-op. 9(16): 4. Apr. 24, 1945. 280-28 R88  
Opinions of representatives of British agriculture on international agricultural policy.
- 4845 NICORA, C. D. Colonia Alvear, una próspera ciudad cuyana capital de una rica zona agrícola; sinopsis de hombres y cosas; hay allí dos problemas palpitantes: el del abono y el del tomate. Rev. Mens. B. A. P. 28(329): 27-29, 31, 33, 35-41, 43-45, 47-57. Apr. 1945. 9 R326
- 4846 NICORA, C. D. Villa Mercedes; la ciudad de Mercedes (San Luis) es un emporio de trabajo; fundado por el ejército, fué robustecido por el riel; sinopsis de sus hombres y sus cosas. Rev. Mens. B. A. P. 28(325): 11-13, 15, 17, 19-21, 23, 25, 27-36. Dec. 1944. 9 R326  
Includes agriculture.
- 4847 O'CONNELL, C. K. Duties of the Secretary of State relative to agriculture in Kentucky. Ky. Mktg. B. 2(3): 1, 5. Mar. 1945. 280.38 K41
- 4848 O'DONNELL, W. G. Agricultural problems, prospects and policies. Ohio State Grange Monthly 48(5): 1. May 1945. 6 Oh33
- 4849 OLLEA, D. E. Millones de toneladas de alimentos podemos producir para los países necesitados de Europa; hay que realizar una activa campaña de propaganda para aumentarlos en las chacras y explotaciones ganaderas del país. Cac. Algodonera 22(254): 1-3. Mar. 31, 1945. 72.8 G11  
Argentina.
- 4850 ONTARIO maps agricultural reforms; the Ontario Agricultural Commission of Inquiry, whose members are all farmers, has brought in a far-reaching report on what it believes should be done to improve the farmer's lot. Family Herald and Weekly Star 76(12): 6-7, 16. Mar. 21, 1945. 7 F21  
Summary of recommendations of the Committee's report.
- 4851 ORMSBY, M. A. Agricultural development in British Columbia. Agr. Hist. 19(1): 11-20. Jan. 1945. 30-98 Ag8
- 4852 OSBORNE, E. Nazi Germany agriculture in wartime and peace. Country Life [Sydney] 56(37): 11. Mar. 30, 1945. 286-85 Sy2
- 4853 PALACIOS SÁENZ, C. La reconstrucción económica del Ecuador. Manabí, Ecuador. Consorcio de Cent. Agr. B. 6(41): 26-39. Jan./Mar. 1945. 9-5 M31  
Includes the agricultural program for 1945-46.
- 4854 PCHÉLIN, V. Liberation harvest; a post-occupation report of farming conditions in the southern Ukraine. Amer. Rev. Soviet Union 6(2): 28-30. Feb. 1945. 280.8 Am391
- 4855 PENA, M. T. DE LA. La reforma agraria y la producción agrícola [México]. Rev. de Econ. 8(3/4): 8-12. Apr. 30, 1945. 280.8 R3293
- 4856 PRUNTY, M. C., JR. Evolution of the agricultural geography of Dyer County, Tennessee. Clark U. Abs. Diss. and Theses (1944) 16: 20-25. 241.8 C54
- 4857 \*RABINOVICH, M. Frigorodnafa sel'skokhoziaistvennafa zona Molotovskoi oblasti [Suburban agricultural area of the Molotov region]. Socialist. Sel'sk. Khoz. 16(1/2): 27-32. Jan./Feb. 1945. 281.3 So73  
Problems and plans for the development of the production of agricultural products for the workers of the new industrial cities of the region.
- 4858 REED, H. J. The job ahead of us. Hoosier Farmer 30(5): 6, 20. May 1945. 280.82 H76  
Agricultural outlook.
- 4859 RICARDEZ, S. El esfuerzo agrícola británico. Cosecha [Guadalajara], No. 3, p. 49-52. Apr. 15, 1945. 8 C824  
Britain's wartime agricultural effort.
- 4860 RICHARDS, A. M. Farming in New Zealand; our sister Dominion has a fine climate and a big agricultural production record. Family Herald and Weekly Star 76(9): 5, 12. Feb. 28, 1945. 7 F21
- 4861 SINGH, SIR J. Increased food production. Indian Inform. 16: 192-195. Feb. 15, 1945. 280.8 In25  
Progress of the Grow More Food campaign in India.
- 4862 SMITH, A. Farming's part in victory. Farmers Weekly [London] 22(19): 12-13, 15, 17. May 11, 1945. 10 F2226
- 4863 SULLAM, V. Recent developments in Italian agriculture. Foreign Agr. 9: 66-74. May 1945. 1-9 Ec7For
- 4864 \*SZABÓ, N. Die ungarische landwirtschaft und die agrarstaaten des Donaubeckens. Ungar. Wirtsch.-Jahrb. (1943) 19: 80-87. 280.8 Un35
- 4865 TOLLEY, H. R. Raising the food: world needs and the role of the Food and Agriculture Organization. Acad. Polit. Sci. New York, Proc. 21: 373-381. May 1945. 280.9 Acl



4866 \*V. SOVNARKOME SSSR i TSK VKP(b) In the Council of People's Commissaries and Central Committee of the Communist Party, Sovkhoz. Proizvod. 5(1/2): 1-9. Jan./Feb. 1945. 20 So85  
Official State regulations for planning and improvement of agricultural production in 1945.

4867 \*VSESOFUZHNOE AGRONOMICHESKOE SOVESHCHANIE, 1945. Frontu i strane - bol'she prodovol'stviia i syr'ia. Sovkhoz. Proizvod. 5(1/2): 10-20. Jan./Feb. 1945. 20 So85

Abstracts of the speeches delivered by various delegates at the All-Union Agronomical Conference of 1945 on increasing agricultural production in U. S. S. R.

4868 WHITTLE, C. A. Southern agricultural readjustments. Amer. Fert. 102(8): 19-20. Apr. 21, 1945. 57.8 Am3

4869 \*WINNIGSTEDT. Um den letzten hof. Nationalsoz. Landpost, 1945, No. 2, p. 1-2. Jan. 12. 18 N212

Agriculture in Germany.

#### Agriculture, Post-War

4870 ANTHONY, E. L. Post war problems facing agriculture. Mich. State Hort. Soc. Ann. Rpt.. (1944) 74: 77-81. 1945. 81 M58

4871 ARCHIBALD, E. S. The Canadian farmer faces the future; advances in food standards should bring a greater demand for farm products; farmers can prepare now to meet post-war developments. Family Herald and Weekly Star 76(9): 3, 4. Feb. 28, 1945. 7 F21

4872 DRUMMOND, J. C. May be world control of agriculture from some central source; post-war possibilities as seen by food expert. (Excerpts.) Farmer (Pietermaritzburg) 33(15): 10. Apr. 14, 1944. 24 F227

4873 DUFF, J. F., and RUSSELL, B. Postwar farming plans. Amer. Soc. Farm Managers and Rural Appraisers J. 9(1): 24-31. Apr. 1945. 281.8 Am32

4874 THE FUTURE of agriculture in N. Z. By a "representative New Zealand manufacturer." Straight Furrow 4(5): 37-38. Mar. 15, 1945. 281.8 St8

4875 HAAG, H. M. How to meet some post-war problems. Mo. Farmer 37(9): 3, 5. May 1, 1945. 6 M696

Investment of farm savings and post-war adjustments in agriculture.

4876 \*HAMMARSKJÖLD, B. Ett bärkraftigt och effektivt jordbruk en omistlig del av vårt svenska samhälle. (Digest.) Lantmannen 29: 268-270. Mar. 24, 1945. 11 L234

Post-war agriculture in Sweden.

4877 HILL, W. E. China's ageless farm practices; our oriental ally will need a great deal of help when peace comes. Family Herald and Weekly Star 76(7): 3. Feb. 14, 1945. 7 F21

4878 JESNESS, O. B. Postwar outlook for the Corn Belt. (Abs.) Amer. Soc. Farm Managers and Rural Appraisers. J. 9(1): 5-9. Apr. 1945. 281.8 Am32

4879 JOHNSON, S. E. Abstract of paper on post-war agriculture. Amer. Soc. Farm Managers and Rural Appraisers J. 9(1): 10-12. Apr. 1945. 281.8 Am32

4880 JOHNSON, S. E. Agricultural production after the war. J. Farm Econ. 27: 261-280. May 1945. 280.8 J822

4881 MORAZAIN, J. G. Production agricole de l'avenir. Terre de Chez Nous 17(30): 4. May 2, 1945. 7 T27

Lowering of production costs and vertical diversification as means of increasing the farmer's income.

4882 NORTON, L. J., and MORSE, T. D. Where do we go from here? (Excerpts.) Amer. Soc. Farm Managers and Rural Appraisers J. 9(1): 13-15. Apr. 1945. 281.8 Am32

Post-war agriculture.

4883 NORTON, L. J., and SAUER, E. J. Will farm production decline after the war? Natl. Live Stock Prod. 23(9): 5, 7. June 1945. 280.38 N21

4884 PETERS, G. Alberta surveys the future. Canad. Business 18(5): 38-39, 140. May 1945.

287 C162

Includes outlook for the farmer.

4885 REUTHER, W. P. The challenge of peace. Internatl. Postwar Prob. 2: 143-164. Apr. 1945. 280.8 In874

Includes post-war agricultural planning.

4886 TOLLEY, H. R., and others. Agriculture in the transition from war to peace. Amer. Econ. Rev. 35(2): 390-404. May 1945. 280.8 Am32

F. F. Elliott, J. F. Thackrey, F. V. Waugh, and R. Schickele, joint authors.

#### Subsidies

4887 ADAIR, W. Those food subsidies in Great Britain; \$65,000,000 goes to imported supplies. Farming News and North Brit. Agr. 97(19): 7. May 4, 1945. 10 N82

4888 MILLER, H. Subsidies beget subsidies. Calif. Milk News 25(8): 3, 5-6. May 25, 1945. 44.8 C124

4889 MORAZAIN, J. G. Subside fédéral aux lignes. Terre de Chez Nous 17(31): 4. May 9, 1945. 7 T27

4890 POULIN, L. P. Subsidies à l'agriculture (Canada); \$104,552,900. Terre de Chez Nous 17(34): 3. May 30, 1945. 7 T27

4891 STOUT, L. Dairymen urge publicity for subsidies in Canada. Family Herald and Weekly Star 76(6): 4. Feb. 7, 1945. 7 F21

#### COST AND STANDARD OF LIVING

4892 WILLIAMSON, T. El precio de los viveres. Honduras Agr. 1(6): 8, 9. Apr. 1, 1945. 8 H753

#### FARM MANAGEMENT AND LAND ECONOMICS

4893 BALLOUN, S. L. Alaska as a farmer sees it. Land Policy Rev. 8(2): 9-13. Summer 1945. 1 Ec7La

4894 BELL, A. A British farmer's day; farming's hour by hour happenings are much the same the world over, but in England the war has made a difference. Family Herald and Weekly Star 76(21): 7, 12. May 23, 1945. 7 F21

4895 BELL, R. E. A business man looks at part-time farming. Soil Conserv. 10: 240-243. May 1945. 1.6 So3S

As told to J. A. Johnson.

4896 BIFFEN, W. Starting a holding? Here's my advice. Smallholder 73(1833): 10. May 4, 1945. 10 Sml

4897 BLACK, J. J. New small-holdings for profit (Great Britain). Field 185: 339. Apr. 7, 1945. 10 F45

4898 BODDY, F. A. Allotments of the future. Gard. Chron. 117: 195. (To be cont.) May 5, 1945. 80 G162

4899 BRIDGEMAN, M. Russian farming is described. Family Herald and Weekly Star 76(4): 4. Jan. 24, 1945. 7 F21

4900 BROWNE, T. E. Will post war farming attract our best young men? Farm for Victory, No. 17, p. 15-16. Apr. 1945. 281.8 F226

4901 CAMERON, D. Co-operative farming. Pt. 2. West. Farm Leader 10: 144, 151. May 4, 1945. 280.23 W52

4902 \*CARLHEIM-GYLLENSKIÖLD, B. Ett välskött jordbruk med ett originellt swinstall; Mölleröds kungsgård i Skåne. Lantmannen 29: 346-348. Apr. 14, 1945. 11 L234

Management of Mölleröd estate in Scania.

4903 CRAM, J. S. Farm developments in Russia. Family Herald and Weekly Star 76(10): 12. Mar. 7, 1945. 7 F21

4904 DREYER, J. A. Farm according to a fixed schedule. Farmer (Pietermaritzburg) 35(15): 15. Apr. 13, 1945. 24 F227

4905 DURHAM, W. L. Glasgow's record glows. Ark. Farmer 47(6): 6-7. June 1945. 6 Ar42

Successful management of farm in Clay County.



- 4906 \*E., A. Die nachzügler. Nationalsoz. Landpost, 1945, No. 7, p. 1-2. Feb. 16. 18 N212  
Farm management.
- 4907 \*E., A. Smallholders dairy farming. (In Hebrew.) Hassadeh 25: 134-135. Feb. 1945. 26 H27
- 4908 ELLIS, M. G. Acres of bulbs and vegetables; Vancouver Island farmer runs big truck farm with but one hand. Family Herald and Weekly Star 76(4): 7. Jan. 24, 1945. 7 F21
- 4909 EMMET, R. N., SR. Better Farm No. 19; report on a unique program to improve a State's agricultural pattern, and how it is being carried out in the writer's area. Burroughs Clearing House 29(8): 13-15, 46-47. May 1945. 284.8 B94  
Operation of the Callaway Plan in Georgia.
- 4910 FORMAN, H. Self-sufficiency in Yenan [China]. Gt. Brit. and East 61(1746, Far East Issue): 40-42. Apr. 1, 1945. 286.8 N27  
Includes the Labour Exchange, said to be something similar to collective farming.
- 4911 GORDON, G. G. Bill Simons is still fighting. N. J. Farm and Gard. 16(5): 24-25. May 1945. 6 G162  
Management of the Simons' farm in Burlington County, N. J.
- 4912 GUGOWA, A. D. Dairy unit farming in Kano. Farm and Forest 5: 193. Dec. 1944. 24 F226
- 4913 HOOKER, E. R. Denmark—land of family farms. Land Policy Rev. 8(2): 34-38. Summer 1945. 1 Ec7La
- 4914 HOPE, S. "This 'one-man farm' story a Govt. parrot cry!" Breaks health and spirits. Land [Sydney], No. 1741, p. 1. Apr. 13, 1945. 23 L22
- 4915 HURST, F. J. Once, naked fields—now, every acre covered. Prog. Farmer, Miss.-Ark.-La. Ed. 60(6): 10. June 1945. 6 So81  
Farm management.
- 4916 \*LEGAT, H. Wenn die bäuerin den hof allein führt. Nationalsoz. Landpost, 1945, No. 2, p. 1. Jan. 12. 18 N212
- 4917 LITTELL, N. M. Disposal of surplus war real estate. Natl. Conf. Assessment Admin. Papers (1944) 11: 4-9. 1945. 284.59 N2172
- 4918 LLOYD, E. W. No need for poor nutrition. Field 185: 347. Apr. 7, 1945. 10 P45  
Chiefly on farming methods for chalkland farms in Great Britain after the war.
- 4919 MCPHERSON, G. K. Studies in farm management; a Canterbury mixed farm. New Zeal. J. Agr. 70: 233-240. Mar. 15, 1945. 23 N48J
- 4920 MANSFIELD, W. S. Old saws and modern knowledge. Country Life [London] 97: 502-504. (To be cont.) Mar. 23, 1945. 80 C83  
Interpretation of old saws on farming practice.
- 4921 MATTES, J. China, Burma, India. Successful Farming 43(6): 22-23, 78-80. June 1945. 6 Sul2  
Farms and farming.
- 4922 O'BRIEN, J. J. The Army takes the land. Appraisal J. 13(2): 116-123. Apr. 1945. 282.2 Am3
- 4923 ORCHARD, M. They're busy at Bluff Valley farm. Farm and Ranch 64(5): 12, 14. May 1945. 6 T31  
Farm management.
- 4924 RECK, S. H., JR. Dick Stevenson keeps his eggs in several baskets and proves that a variety of enterprises pays dividends. N. J. Farm and Gard. 16(5): 14-15, 28-29. May 1945. 6 G162  
Farm management.
- 4925 REED, C. Soldiers visit English farm; Canadians on leave are guests of noted British peer [Lord Monck]. Family Herald and Weekly Star 76(6): 5. Feb. 7, 1945. 7 F21
- 4926 ROBINSON, B. D. Cason Callaway plans ahead for Georgia's agriculture. Better Crops with Plant Food 29(5): 25-30, 40. May 1945. 6 B46
- 4927 SALTWELL, A. I've had 25 years on a holding; I haven't made a fortune, but no other life could have brought me the same contentment. Smallholder 73(1833): 11. May 4, 1945. 10 Sml
- 4928 SEVERSON, H. A prophet with honor; Jeremiah Milbank's farsighted ideas on farm management have earned high praise from his neighbors in South Carolina. South. Agr. 75(6): 8, 18-19. June 1945. 6 So83
- 4929 STEVENSON, J. Milk production at Changue. Scot. Farmer 53: 590. May 5, 1945. 10 Sco8  
Management practices on dairy farms in the author's family.
- 4930 TAYLOR, C. R. Farming a small holding in Rotorua District. New Zeal. J. Agr. 70: 295-297, 299. Mar. 15, 1945. 23 N48J
- 4931 TOWNSEND, S. A back forty in Ontario's wilds. Family Herald and Weekly Star 76(20): 12. May 16, 1945. 7 F21  
Farm management.
- 4932 \*TSVETOV, I. Sila organizatora [The power of an organizer]. Kolkhoz. Proizvod., No. 10, p. 10-12. Oct. 1944. 281.3 K83  
Characterization of the manager of the kolkhoz "im. Volodarskogo" in the Stavropol region.
- 4933 UNION OF SOUTH AFRICA. DEPT. OF AGRICULTURE AND FORESTRY. COMMITTEE ON RECONSTRUCTION. A masterly diagnosis of South Africa's farming system as it is; report. (Sum.) Farmer [Pietermaritzburg], 33(13): 14, 16; (14): 14; (15): 14, 16; (17): 10. Mar. 31, Apr. 7, 14, 28, 1944. 24 F227  
Titles of installments following the first are: The disabilities of farming; soil exhaustion and over-capitalisation; Farmers do not aspire to money-making vocation; Propaganda is most important in effecting reconstruction.
- 4934 VINE, V. New hope for old farms; 100 worn-out places to be reclaimed under Cason Callaway's plan. Farm J. and Farmer's Wife 69(6): 29-30. June 1945. 6 F2212
- 4935 WING, C. Salt of the earth; our neighbors, the Marcinaks. Land [Baltimore], 4: 224-227. Spring 1945. 279.8 L22  
Tells about the purchase and management of the Marcinak farm in the Catskill Mountains, N. Y.
- 4936 WOLFF, E. He loves his Holsteins; this Waterloo County [Ontario] farmer has several arrows to his bow, including corn, poultry and a sugar bush, but his dairy herd is his mainstay. Family Herald and Weekly Star 76(1): 7. Jan. 3, 1945. 7 F21
- 4937 WORLEY, S. L. Marshall County farmer develops sound program. This Month in Rural Ala., May 3, 1945, p. 1, 8. 6 T34  
Farm management.
- 4938 YOUNG, A. Newfoundland surveys its farms. Family Herald and Weekly Star 76(11): 15. Mar. 14, 1945. 7 F21  
The survey is being made by the Agricultural Division of the Natural Resources Department.
- Bookkeeping and Records
- 4939 BURROUGHS, R. J. Consolidated balance sheet and income statement for agriculture. J. Farm Econ. 27: 463-472. May 1945. 280.8 J822
- 4940 CONCANNON, J. J. The balance sheet. Nulaid News 22(11): 20-21. Feb. 1945. 47.8 N917  
Poultry Producers of Central California.
- 4941 CUNNINGHAM, L. C. Itemized record of a dairy farm business, 1944, with summary for the year, farm business analysis; taken from farm cash account book and farm inventory for five years. N. Y. Agr. Col. (Cornell) A. E. 511, 14 p., processed. Ithaca, 1945. 281.9 C81
- 4942 GETSON, S. F. Finding out what makes money. Family Herald and Weekly Star 76(9): 10. Feb. 28, 1945. 7 F21  
The importance of farm records.
- 4943 GIBSON, W. L., and DUNCAN, C. H. Balance—a factor in pasture management. Va. Farm Econ., No. 74, p. 914, 917. May 1945. 275.29 V813  
Income shown by analysis of 502 farm business records for 1943.
- 4944 HURST, F. J. Wartime records in good farming. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(6): 10, 44. June 1945. 6 P945G



4945 SNOW, C. F. In-pocket or out, on your rabbit-keeping? Smallholder 73(1832): 18. Apr. 27, 1945. 10 Sml

Method of keeping accounts.

4946 WARD, J. D. Keep farm records. Tex. Farming and Citric. 21(11): 13. May 1945. 80 T31

#### Cost of Production

4947 BERGVILLE DAIRY FARMERS' ASSOCIATION. Costs of production; Bergville dairy farmers work out the producer's bill. Farmer (Pietermaritzburg) 33 (44): 10. Nov. 3, 1944. 24 F227

4948 BRISTOL, W. M. Cost of producing Washington apples. Wash. State Col. Ext. Timely Econ. Inform., No. 50, p. 2-3. May 1945. 275.29 W27T

4949 \*CHATTERJEE, B. Variety-wise cane supplies. Indian Sugar 5: 51-53. Feb. 1945. 65.8 In25

Includes costs and returns.

4950 COMBES, L. "Never shown a loss in twenty years." In spite of high transport costs to distant factories this Wiltshire farmer finds sugar beet a doubly profitable cash and feed crop. Farmers Weekly (London) 22(17): 28. Apr. 27, 1945. 10 F2226

Costs and returns.

4951 COOPER, M. R. Résumé of reducing production costs. Cotton Res. Cong. Proc. (1944) 5: 36-38. 72.9 C825

4952 DEEMS, H. W. Money in turkeys. Agr. Ed. Mag. 17: 231. June 1945. 275.8 Ag8  
Tells about the turkey production project of L. Bevans, Waverly, Nebr.

4953 ELLIS, F. E. Money from cash crops. Family Herald and Weekly Star 76(5): 6. Jan. 31, 1945. 7 F21

4954 GASPARIN. Problemas ganaderos. No. 11-12, 15-19. Diario Rural 4, i. e. 5(457): 10-11; (458): 8; (461): 8; (464): 14; (465): 14; (466): 8; (467): 8. Feb. 24, 28, Mar. 10, 21, 24, Apr. 4, 7, 1945. 9.9 D54

No. 11. Costo global de la producción pecuaria nacional; 12. Costo de producción; 15. Costos - novilladas; 16-17. La tablada; 18. Costo de producción de ovinos; 19. Intercambio con la Argentina.

4955 JIMÉNEZ, M. F. Factors contributing to higher coffee costs in Costa Rica. Spice Mill 68 (5): 13, 24. May 1945. 389.8 Sp4

4956 MARKS, C. J. Farm Bureau proves worth in cost analysis. Calif. Fruit and Veg. Rev. 6(3): 38, 62. June 1945. 80 C1224

Analysis of production costs of Valencia oranges in Orange County show value of farm organizations.

4957 PARRISH, B. D. Peach production costs in the Yakima Valley, Washington, 1943 and 1944. Wash. State Col. Ext. Timely Econ. Inform., No. 50, p. 3-4. May 1945. 275.29 W27T

4958 PELLETIER, J. R., and GIRARD, H. Avec le technicien sur les fermes expérimentales de la Province Ste-Anne de la Pocatière, Lennoxville, L'Assomption, Normandin. III-C. Observations agronomiques: études économiques sur la production laitière. Terre de Chez Nous 17(31): 9. May 9, 1945. 7 T27

4959 QUAFIE, E. L., and CULBERTSON, C. C. Raising hogs on pasture pays! Iowa Farm Econ. 11 (5): 14-15. May 1945. 275.28 Io92

4960 RANDOLPH, U. A. Bigger profits from better grape varieties. Farmer-Stockman 58: 218. June 1945. 6 Ok45

4961 SANBORN, L. D. More eggs for less money. Calif. Cult. 92: 277. May 12, 1945. 6 C12

4962 SAUER, E. L. It's profitable to farm on the level. Ill. Farm Econ., Nos. 118/119, p. 206-209. Mar./Apr. 1945. 275.28 IL5

4963 SHANNON, A. T. Fat lamb farming. New Zeal. J. Agr. 70: 277, 279-281, 283-285, 287. Mar. 15, 1945. 23 N48J

Costs and returns.

4964 SNYDER, L. B. The hows and whys of price ratios. Nebr. Agr. Col. Ext. News 33(11): 2. May 1945. 275.29 N272Ae

Feed costs and returns.

4965 TOWNSEND, T. L. Paying tenants in your cow stalls. Holstein-Friesian J. 8(2): 11-12. May 1945. 43.8 H743

Dairy cattle profits.

#### Land Settlement and Colonization

4966 COUTURE, C. E. La colonisation pour lui donner plus d'efficacité... [Canada]. Terre de Chez Nous 17(34): 3. May 30, 1945. 7 T27

4967 EWING, J. T. Vancouver Island pioneers; early settlers on the northern end of the island never did get started farming. Family Herald and Weekly Star 76(7): 5. Feb. 14, 1945. 7 F21

4968 FIROR, J. W. Should veterans buy [farms] now? Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(6): 11. June 1945. 6 P945G

4969 FIROR, J. W. When the veteran comes back to the farm, what will he find? Agr. Leaders' Digest 26(5): 20. May 1945. 275.28 Am3

4970 GILLESPIE, I. F. Sheep for returning G I's. Sheep Breeder 65(6): 3, 42. June 1945. 45.8 Am31

4971 HERBERT, G. Wheat lands and soldier settlement. West Austral. Wheatgrower 14(30): 2, 7. Nov. 9, 1944. 23 W523

States that the Australian wheat industry cannot absorb more soldiers than those who have left it.

4972 HURD, W. B. Postwar agricultural settlement possibilities in Canada. J. Farm Econ. 27: 388-404. May 1945. 280.8 J822

4973 JEWISH settlement in Palestine; communities built in Holy Land on independent farming basis. Rural Life (Melbourne), No. 66, p. 3. (To be cont.) Dec. 16, 1944. 281.28 R882

4974 LEMIEUX, P. De nouvelles terres pour les jeunes ruraux; établissements en Abitibi pour 1945. Terre de Chez Nous 17(34): 9. May 30, 1945. 7 T27

4975 LEMIEUX, P. Possibilités d'établissement en Abitibi, pour 1945. Terre de Chez Nous 17(32): 15. May 16, 1945. 7 T27

Settlement opportunities in Abitibi, Quebec.

4976 MILLER, R. A suggestion for post-war settlement of soldiers of the Northern Provinces of Nigeria. Farm and Forest 5: 160-166. Dec. 1944. 24 F226

4977 SHANNON, F. A. A post mortem on the labor-safety-valve theory. Agr. Hist. 19(1): 31-37. Jan. 1945. 30.98 Ag8

Discussion of the theory of a free-land safety valve for industrial labor.

4978 SILBERSTEIN, B. G. New world haven.

Inter-Amer. 4(6): 19, 40. June 1945. 280.8 In85  
The Polish Santa Rosa colony in Guanajuato, Mexico.

4979 STEELE, H. A. Postwar land settlement opportunities in the northern Great Plains. J. Farm. Econ. 27: 405-418. May 1945. 280.8 J822

4980 STIRLING, S. Post war planning. Co. Agent 5(2): 5-6. May 1945. 275.28 C832  
Farming for veterans.

#### Land Tenure

4981 AGRICULTURE - the shape of things to come? By "Scrutator." New Zeal. Dairy Exporter 20(8): 20-22. Apr. 2, 1945. 44.8 N484

Suggests land nationalization in Britain.

4982 ALEXANDER, W. M. Acquiring farm ownership in Louisiana under the Bankhead-Jones Farm Tenant Act. La. State U. La. Rural Econ. 7(2): 3, 7-8. May 1945. 281.8 L93

4983 DANIEL, W. S. Large areas of unpatented land in Pennsylvania; State law required to correct many defective titles and fix ownership. Pa. Dept. Internal Aff. Monthly B. 13(6): 9-15. May 1945. 280.9 P383

4984 \*GARCÍA ISIDRO, M. Arrendamientos rústicos: la capacidad de labrador. Agricultura (Madrid) 14: 133-135. Mar. 1945. 15 Ag84

Concessions to the small farmer.



- 4985 HICKS, G. Landlord Cooper and the anti-renters. *Antioch Rev.* 5(1): 95-109. Spring 1945. 280.8 An82
- Land tenure in New York State.
- 4986 KARPINSKI, V. Lenin y los campesinos. *Méx. Agr.* 7(1): 45-49. Jan./Mar. 1945. 280.8 M57
- Land nationalization in Soviet Russia.
- 4987 KREINHEDER, A. Adios to the hacienda. *Prog. Guide* 8: 464-467. June 1945. 470 P942
- Land tenure in Mexico.
- 4988 LAND tenure in Sierra Leone. *Farm and Forest* 5: 194-196. Dec. 1944. 24 F226
- 4989 MORAVSKY Y P. R., B. Arrendamientos agrícolas. *Vida Agr.* 22(254): 98. Jan. 1945. 9.8 V66
- A communication issued by the Peruvian Dirección General de Agricultura.
- 4990 \*PROKSCH, R. Erbhof oder kolchos? Die stellung des menschen zum eigentum als prüfstein zweier welten. *Nationalsoz. Landpost*, 1945, No. 3, p. 3. Jan. 19. 18 N212
- 4991 \*SIEBOLD, F. Landnutzungstausch -- eine erzeugungspolitische notwendigkeit. *Nationalsoz. Landpost*, 1945, No. 8, p. 2. Feb. 23. 18 N212
- 4992 SLOCOMBE, G. New land revolution in France. *Field* 185: 292. Mar. 24, 1945. 10 F45
- Land tenure problem and agricultural policy.
- 4993 STRATTON, D. T. The future of land tenure; will A.E.C.s [Agricultural Executive Committees] continue to function? (Sum.) *Farming News and North Brit. Agr.* 97(19): 3. May 4, 1945. 10 N82
- Great Britain.
- 4994 \*VASS, A. Die letzten jahrzehnte der ungarischen grundbesitzpolitik. *Ungar. Wirtsch.-Jahrb.* (1943) 19: 94-103. 280.8 Un35

#### Land Utilization

- 4995 CLAWSON, M. Trends in major cropland use in the United States, 1909-1941. *J. Farm Econ.* 27: 472-476. May 1945. 280.8 J822
- 4996 COHEN, N. F. [Town and country] planning and full employment. *Town and Country Planning* 13 (49): 20-23. Spring 1945. 98.58 T66
- 4997 CRAMER, H. T. J. Land use. *Wis. Conserv.* B. 10(5/6): 8-9. May/June 1945. 279.8 W752
- 4998 DONALD, C. M. The third report of the Rural Reconstruction Commission; land utilization and farm settlement. *Austral. Inst. Agr. Sci. J.* 11(1): 8-16. Mar. 1945. 23 Au74
- Summary of the contents and recommendations.
- 4999 GIBSON, W. L., JR. Industrialization and rural land utilization of Henry County, Virginia. *South. Econ. J.* 11: 353-359. Apr. 1945. 280.8 So84
- 5000 MARTENS, E. E. The influence of the Fox River of Illinois on the settlement and economy of Kane County. *Clark U. Abs. Diss. and Theses* (1944) 16: 43-45. 241.8 C54
- 5001 OSBORN, F. J. The country-belt principle; its historical origins. *Town and Country Planning* 13(49): 10-19. Spring 1945. 98.58 T66
- 5002 ROPER, M. A. Land utilization of the town of Princeton, Worcester County, Massachusetts. *Clark U. Abs. Diss. and Theses* (1944) 16: 45-47. 241.8 C54
- 5003 T., K. C. The Town and Country Planning Act, 1944. III. Planning provisions. *Estate Mag.* 45: 92-93. (Cont.) Apr. 1945. 10 Es8
- 5004 TYLER, A. E. What price grazing? Fees for use of forest ranges are subject of long controversy. *Westerner* 8(4): 14, 35-36. May 1945. 49 W522

#### Land Values and Valuation

- 5005 BOWEN, J. R. Appraising specialty farms. *Amer. Soc. Farm Managers and Rural Appraisers J.* 9(1): 49-54. Apr. 1945. 281.8 Am32
- 5006 BRISTOL, W. M. Farm real estate prices. *Wash. State Col. Ext. Timely Econ. Inform.*, No. 50, p. 4-6. May 1945. 275.29 W27T
- 5007 COLSTON, R. At today's prices would you advise buying a farm? *Better Farming Methods* 17 (5): 19-20. May/June 1945. 58.8 B46

- 5008 FARM CREDIT ADMINISTRATION OF NEW ORLEANS. DIVISION OF RESEARCH. Average price per acre of farm real estate in the Tennessee Valley Area of Alabama, 1900-1944. *Farm Credit Admin. New Orleans. Div. Res. B.* 17, 13 p., processed. New Orleans, 1945. 284.29 F224B

- 5009 FIEDLER, A. C. Appraisal of dairy farms. *Amer. Soc. Farm Managers and Rural Appraisers J.* 9(1): 55-61. Apr. 1945. 281.8 Am32

- 5010 HUDELSON, R. R. The American system of farm appraisal in theory and practice. *Amer. Soc. Farm Managers and Rural Appraisers J.* 9(1): 44-48. Apr. 1945. 281.8 Am32

- 5011 MOORE, H. R. Recent trends in the farm real estate situation. *Ohio Agr. Expt. Sta. Bimo. B.* 30: 89-93. May/June 1945. 100 Oh3S

- 5012 \*PRACK, L. VON. Die bewertung des kulturbodens im j. 1942. *Ungar. Wirtsch.-Jahrb.* (1943) 19: 104-107. 280.8 Un35

- 5013 SCARBOROUGH, J. H. Farm real estate values continue upward trend. *Farm for Victory*, No. 17, p. 16. Apr. 1945. 281.8 F226

- 5014 STEWART, C. L. Possible uses for wartime surplus income. *Ill. Farm Econ.*, Nos. 118/119, p. 205-206. Mar./Apr. 1945. 275.28 IL5
- Measures to prevent a land boom.

- 5015 STILES, M. K. Wanted - a farm! *Family Herald and Weekly Star* 76(21): 5. May 23, 1945. 7 F21

- 5016 WILSON, F. R. Danger point in farm land boom. *Dom. Com.* 33(6): 7, 34. June 1945. 157.54 D713

#### POPULATION

- 5017 CARDOZO, F. M. Política imigratória. *Rev. Rural Bras.* 25(295): 38-39. Mar. 1945. 9.2 B733

- 5018 DÍAZ RODRÍGUEZ, J. Anotaciones sobre el problema de la inmigración en Colombia. *Tierras y Aguas* 6(69/70): 3-106. Sept./Oct. 1944. 282.8 T44
- Includes settlement and colonization.

- 5019 GILLIAM, S. K. Virginia's people; a study of the growth and distribution of the population of Virginia from 1607 to 1943. *Va. State Planning Bd. Population Study Rpt.* 4, 132 p. Richmond, 1944. 280.7 V81V
- Includes rural population.

- 5020 JOHNSON, H. B. Factors influencing the distribution of the German pioneer population in Minnesota. *Agr. Hist.* 19(1): 39-57. Jan. 1945. 30.98 Ag8

- 5021 PREGGER, W. People and cattle evacuate Dutch inundated island [Walcheren Island]. *West Austral. Wheatgrower* 14(41): 7. Feb. 1, 1945. 23 W523

- 5022 U. S. BUREAU OF THE CENSUS. Farm operators in the United States: April, 1944, and April, 1940. *U. S. Bur. Census. Ser. Census-BAE*, No. 3, 4 p., processed. Washington, 1945. 157.41 Se62

#### RURAL SOCIAL ORGANIZATION

- 5023 BANKS, M. B. The Isle of Orleans. A study of the influence of a river island environment on the life of a people. 1648-1943. *Clark U. Abs. Diss. and Theses* (1944) 16: 34-37. 241.8 C54

- 5024 BRENES, R. (HIJO) La vivienda campesina. *Agr. Costarricense* 3: 133-134. Mar. 1945. 8 Ag895
- Living conditions of the peasant.

- 5025 HACKNEY, H. H. Sufficient unto the day. *Land [Baltimore]* 4: 167-170. Spring 1945. 279.8 L22
- Life on a farm.

- 5026 HYDE, R. E., and FREY, F. C. Rural sociology and G. I. Bill of Rights. *Rural Sociol.* 10: 192. June 1945. 281.28 R88

- 5027 MANGUS, A. R. Problems and plans in rural sociological research. *Rural Sociol.* 10: 188-191. June 1945. 281.28 R88



5028 NELSON, L. Rural sociology — dimensions and horizons. Rural Sociol. 10: 131-135. June 1945. 281.28 R88

5029 YOUNG, M. L. Junior Farmers confer; forward looking young farm people of western Ontario, in the twenty-to-thirty age group plan for a better post-war rural life. Family Herald and Weekly Star 76 (6): 6. Feb. 7, 1945. 7 F21

#### Human Ecology

5030 CHAPMAN, D. A lost village of the Andes. Agr. in the Americas 5: 92-94. May 1945. 1 F752A  
Papa in the Peruvian Andes.

5031 GREENE, S. E. Adventures in rural community action. Social Action 11(5): 4-32. May 15, 1945. 280.8 Sol92

5032 HUGHES, L. W. On a shoestring and a Bible. Inter-Amer. 4(6): 12-14, 38-39. June 1945. 280.8 In85

The rehabilitation of the Indian Guatajata Plantation in the Bolivian Andes.

5033 KOLLMORGEN, W. M. Crucial deficiencies of regionalism. Amer. Econ. Rev. 35(2): 377-389. May 1945. 280.8 Am32

5034 MACKAY, J. H. On the role of regional survey in administration and land planning [Nigeria]. Farm and Forest 5: 172-178. Dec. 1944. 24 F226

5035 \*PERSHIN, P. O planirovke kolkhoznnykh selenii v raionakh osvobodivshiesya ot nemetskoi okkupatsii [Planning collective farm villages in the regions liberated from German occupation]. Sotsialist. Sel'sk. Khoz. 16(1/2): 22-26. Jan./Feb. 1945. 281.8 So73

5036 SMITH, W. Plan your home town. West Austral. Wheatgrower 14(36): 1. Dec. 21, 1944. 23 W523

5037 SPELLMAN, C. L. Elm City, a Negro community in action. (Digest.) Rural Sociol. 10: 174-187. June 1945. 281.28 R88

5038 STEELE, C. F. The West plans for the peace. Family Herald and Weekly Star 76(10): 9. Mar. 7, 1945. 7 F21

Activities of rural communities in western Canada.

5039 VAN SICKLE, J. V. Regionalism: a tool of economic analysis. Amer. Econ. Rev. 35(2): 355-367. May 1945. 280.8 Am32

5040 WOLCOTT, L. Regionalism: political impement. Amer. Econ. Rev. 35(2): 368-376. May 1945. 280.8 Am32

#### Institutions

5041 AILLÓN TAMAYO, C. Plan de trabajo para el Servicio de Conscripción Rural. Manabí, Ecuador. Consorcio de Cent. Agr. B. 6(41): 51-55. Jan./Mar. 1945. 9.5 M31

An education program.

5042 AILLÓN TAMAYO, C. Problemas de la educación y la economía agrícola. Manabí, Ecuador. Consorcio de Cent. Agr. B. 6(41): 7, 8-9. Jan./Mar. 1945. 9.5 M31

5043 BAILEY, F. Washington is buzzing about agency consolidations; vo-ag teachers and county agents may have coordinated direction. Better Farming Methods 17(5): 28, 30. May/June 1945. 58.8 B46

5044 BLANCHARD, B. E. A neglected area in rural elementary school health. J. Health and Phys. Ed. 16: 243-244, 294-295. May 1945. 449.8 J822

5045 BOCKING, J. Crops, cream, chicks; a farmer chats of farming. Saskatchewan Farmer 36(9): 7. May 1, 1945. 7 Sa74

What the farmer knows.

5046 BRACKEEN, L. O. Streamlining American farm women. This Month in Rural Ala., June 1945, p. 2-3. 6 T34

5047 CARNEY, M. Rural education as subject of university study. Appleblossom 17(13): 2; (14): 2. May 8, 22, 1945. 275.8 Ap5

5048 CARRIGAN, J. E. The future of the agricultural college. Vt. U. and State Agr. Col. Dept. Anim. and Dairy Husb. Short Course Conf. Vt. Dairy Plant Operators and Managers. Papers (1944) 23: 5. 44.9 V593

5049 CHAPMAN, E. Checking the community's health. Farmer's Mag. 42(5): 19, 29, 32-33. May 1945. 7 C165

5050 CHAPMAN, P. W. Rural industries of north Alabama. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(5): 13. May 1945. 6 P945G

5051 CHAPMAN, P. W. What about your career in agriculture or agricultural engineering? Ga. Agr. 36(6): 13-16. Mar. 1945. 276.8 G29  
Specialization fields at the College of Agriculture, University of Georgia.

5052 CLEMENTS, D. M. How wide is your horizon? Agr. Ed. Mag. 17: 224-225. June 1945. 275.8 Ag8  
Training program for teachers of vocational agriculture.

5053 CRANE, J., and WHEATON, W. L. C. The British White Paper on local government. Pub. Admin. Rev. 5: 135-140. Spring 1945. 280.8 P964

5054 CULLEN, M. T. Adult-farmer schools. Agr. Ed. Mag. 17: 233, 235. June 1945. 275.8 Ag8

5055 CURRIE, G. A. Education for what? Austral. Inst. Agr. Sci. J. 11(1): 1-7. Mar. 1945. 23 Au74

Rural education.

5056 DAVIS, W. Retired happiness? Family Herald and Weekly Star 76(20): 11. May 16, 1945. 7 F21

Recommends that the retired farmer live on a small farm instead of going to the city.

5057 DUNCAN, O. D. Future teaching of rural sociology. Rural Sociol. 10: 135-142. June 1945. 281.28 R88

5058 EKE, P. A. Farm old-age security: chance for youth and veterans. Land Policy Rev. 8(3): 23-26. Summer 1945. 1 Ec7La

5059 ELLIS, M. G. Alberta makes staff changes. Family Herald and Weekly Star 76(22): 4. May 30, 1945. 7 F21

The Vermilion School of Agriculture.

5060 ELLIS, M. G. Farmers enjoy good program at Saskatoon; annual gatherings of seed and grain growers are favored with good speakers and fine weather. Family Herald and Weekly Star 76(4): 9. Jan. 24, 1945. 7 F21

Account of Farm Week at the University of Saskatchewan.

5061 ELLIS, M. G. Have we too many farmers in Canada? Family Herald and Weekly Star 76(9): 12. Feb. 28, 1945. 7 F21

5062 ESCUDERO, J. A. El problema de la gente pobre de nuestra campaña [Uruguay]. Diario Rural 4, 1. e. 5(466): 4. Apr. 4, 1945. 9.9 D54  
Article with similar title in Diario Rural 4, 1. e. 5(461): 12. Mar. 10, 1945.

5063 EVANS, O. R. Are we suffering in Canada? Family Herald and Weekly Star 76(5): 4. Jan. 31, 1945. 7 F21

Sufferings of farmers in war zones of England and Holland.

5064 FETROW, W. W., and SAMUELS, J. K. Veterans ...co-ops...and the colleges. News for Farmer Coops. 12(2): 1, 20-22. May 1945. 166.2 N47

Training veterans for work in farm cooperatives.

5065 FIELD, A. M. Teaching agriculture; a message and a challenge to rural boys. Visitor 32 (3): 1-2. Apr. 1945. 275.8 V822

5066 FLORENCE, P. S. The selection of industries suitable for dispersion into rural areas. Roy. Statis. Soc. J. (n. s.) 107: 93-107. 1944. Discussion, p. 107-116. 251 R81J

5067 FOUST, H. L. Educational training provisions of so-called "G. I." bill. Iowa Vet. 16(3): 20-21, 26. May/June 1945. 41.8 I09

For veterinarians.

5068 GILLHAM, J. R. From classroom to the community. Agr. Ed. Mag. 17: 228. June 1945. 275.8 Ag8

Work of the teacher of vocational agriculture with the adult farmers in the community.



- 5069 GRANT, C. G. F. For men from the services; major tasks lie ahead; Wagga Farm seen as centre of training in Australia. *Farmer and Settler* 40(11): 35. Apr. 13, 1945. 23 F226
- 5070 \*GUNINA, L. O proizvodstvennoy uchëbe i rabote kolkhoznói molodezhi. *Kolkhoz. Proizvod.*, No. 10, p. 14. Oct. 1944. 281.8 K83  
Training and education of youth on the collective farm "Krasnyi Kollektivist" in the Jaroslav region.
- 5071 HARRINGTON, L. Our stake in rural libraries. *Farmer's Mag.* 42(5): 20, 23, 39. May 1945. 7 C165
- 5072 HENDREN, M. Z. A continuing program of instruction for out-of-school young men. *Agr. Ed. Mag.* 17: 232. June 1945. 275.8 Ag8
- 5073 HOBERG, R. H. Former students as special teachers. *Agr. Ed. Mag.* 17: 225, 227. June 1945. 275.8 Ag8  
Training program for teachers of vocational agriculture.
- 5074 HOFFER, C. R. The impact of war on the farm family. *Rural Sociol.* 10: 151-156. June 1945. 281.28 R88
- 5075 HURST, F. J. Poultry pays for Percy. *Amer. Farm Youth* 11(3): 34-35. May 1945. 6 Am393  
Agricultural education in Louisiana and Future Farmers of America were responsible for Percy's success in the poultry business.
- 5076 JACKSON, F. W. Community health centre for rural Manitoba. *Manitoba Co-op.* 2(19): 5. May 1, 1945. 280.28 M31  
Third of a series. A fourth article appears in *Manitoba Co-op.* 2(20): 2, May 15, 1945, with title: Diagnostic Facilities and Medical Attention.
- 5077 JOHANNESSEN, G. Chances to learn more now so veterans may earn more. *Prairie Farmer, Gen. Ed.* 117(10): 10. May 12, 1945. 6 P883
- 5078 JOHNSTON, H. The hospital cooperation built. *News for Farmer Coops.* 12(2): 7-8. May 1945. 166.2 N47  
The Community Hospital in Elk City, Okla., operated by the Farmers Union Hospital Association.
- 5079 KING, F. P. The place of agricultural economics in the college of agriculture. *Ga. Agr.* 36(5): 9-12. Feb. 1945. 276.8 G39
- 5080 KINNARD, V. Britain's handicrafts - today and tomorrow. *Foreign Com. Weekly* 19(7): 6-7, 45. May 12, 1945. 157.54 F763
- 5081 KIRCHER, W. H. War hits the rural school. *Farmer [St. Paul], Gen. Ed.* 63(10): 1, 12-13. May 19, 1945. 6 F2211
- 5082 KNIGHT, E. B. More effective usage of agricultural periodicals. *Agr. Ed. Mag.* 17: 229. June 1945. 275.8 Ag8
- 5083 \*KOVRIGINA, M. Usilim zabotu o materi i rebenke [Let us increase the care of mother and child]. *Kolkhoz. Proizvod.*, No. 10, p. 8-9. Oct. 1944. 281.8 K83  
Women on the collective farms.
- 5084 LEBEL, L. La loi des allocations familiales; l'inexplicable taux décroissant [Canada]. *Terre de Chez Nous* 17(33): 7, 23. May 23, 1945. 7 T27
- 5085 LINDSTROM, D. E. School district reorganization in Illinois—what rural people say. *Ill. Farm Econ.*, Nos. 118/119, p. 209-212. Mar./Apr. 1945. 275.28 IL5
- 5086 LOCKE, H. J. Contemporary American farm families. *Rural Sociol.* 10: 142-151. June 1945. 281.28 R88
- 5087 LOOMIS, C. P. Helping hemispheric solidarity. *Agr. in the Americas* 5: 89-91, 95. May 1945. 1 F752A  
Chiefly on the Health Cooperative Association in New Mexico.
- 5088 MACDOUGALL, A. F. Financing the county extension service. *Co. Agent* 5(2): 12. May 1945. 275.28 C832
- 5089 MARYLAND. STATE PLANNING COMMISSION. COMMITTEE ON MEDICAL CARE. Medical care in the counties of Maryland. Md. State Planning Comm. P. 40, 80 p. Baltimore, 1944. 280.7 M36Pu
- 5090 MARYLAND. STATE PLANNING COMMISSION. STATE-WIDE LIBRARY SURVEY COMMITTEE. The free public library in Maryland. Md. State Planning Comm. P. 42, 118 p., processed. Baltimore, 1944. 280.7 M36Pu
- 5091 MONTGOMERY, G. A. Group hospital service; Blue Cross plan protects more than 17 million town and farm folks at low cost. *Capper's Farmer* 56(6): 12, 23. June 1945. 6 M693
- 5092 MORA DÁVILA, N. La fiesta nacional del campesino [Colombia]. *Vida Rural* 6(68): 35. Mar. 1945. 9.4 V66  
On the establishment of a definite holiday for the farmer.
- 5093 MOSTERT, T. School agriculture clubs teach farmcraft. *Farmer [Pietermaritzburg]* 33(2): 10. Jan. 14, 1944. 24 F227
- 5094 MOTT, F. D., and ROEMER, M. I. A Federal program of public health and medical services for migratory farm workers. *U. S. Pub. Health Serv. Rpts.* 60: 229-249. Mar. 2, 1945. 151.65 P96
- 5095 MOUNTAIN, J. W., PENNELL, E. H., and BROCKETT, G. S. Location and movement of physicians, 1923 and 1938 - changes in urban and rural totals for established physicians. *Pub. Health Rpts.* 60: 173-185. Feb. 16, 1945. Ref. 151.65 P96
- 5096 NUTT, W. F. Teacher personnel in vocational agriculture in Iowa, 1940-1941. *Agr. Ed. Mag.* 17: 234, 238. June 1945. 275.8 Ag8
- 5097 ORCHARD, M. The GI farm boy's chance for college. *Farm and Ranch* 64(6): 12. June 1945. 6 T31
- 5098 PAGE, W. Practical instruction thru beef projects. *Agr. Ed. Mag.* 17: 228. June 1945. 275.8 Ag8
- 5099 PARKS, S. L. Army convalescent hospital. *Amer. Poultry J.* 76(5): 7. May 1945. 47.8 Am32  
Veterans' opportunity to study poultry farming at the Green Mountain Lake Farm.
- 5100 RUSSELL, H. L. Success gained in Iowa church with the Lord's Acre plan. *Farmers Fed. News* 25(9): 18. May 1945. 280.28 F225
- 5101 SCOVIL, R. Vocational agriculture courses in N. B. Marit. *Farmer and Co-op. Dairyman* 50(16): 8. May 15, 1945. 7 Q77
- 5102 SEWELL, MRS. C. W. Public health program. *Hoosier Farmer* 30(5): 10-11, 21. May 1945. 280.82 H76
- 5103 SHELTON, L. G. Launching eighth grade graduates in farming programs. *Agr. Ed. Mag.* 17: 230, 238. June 1945. 275.8 Ag8
- 5104 STEELE, C. F. Lethbridge [Alberta] has a short course in agriculture. *Family Herald and Weekly Star* 76(12): 14. Mar. 21, 1945. 7 F21
- 5105 TAFF, P. C. U. S. D. A. studies rural youth program. *Iowa State Col. Ext. Over State* 1(3): 1. May 10, 1945. 275.29 I90
- 5106 TROENDLY, M. For better rural health. *Ohio State U. Agr. Student* 51(7): 4-5. Apr. 1945. 6 Ag84
- 5107 VICKERSTAFF, S. G. The attitude of high school boys toward agriculture. *Agr. Ed. Mag.* 17: 235. June 1945. 275.8 Ag8
- 5108 VIRGINIA. UNIVERSITY. EXTENSION DIVISION. Council of Forty-nine; seven committees of seven each work for "seven betters." *Va. U. Ext. Div. P. New Dominion Ser.* 67, 7 p. Charlottesville, 1945. 280.9 V814  
On the organization's work for better schools for Negroes in Accomack County, Va.
- 5109 VIRGINIA. UNIVERSITY. EXTENSION DIVISION. New plans in old communities; recreation becomes a reality in Fairfax County. *Va. U. Ext. Div. P. New Dominion Ser.* 68, 8 p. Charlottesville, 1945. 280.9 V814  
Fairfax County Recreation Association.



- 5110 WHEELER, J. T. Economic erosion. Ga. Agr. 36(7): 6, 8, 13. Apr. 1945. 276.8 G29  
Economic conditions in Georgia and the role of vocational agriculture in their improvement.
- 5111 WHITE, R. C. Local participation in social security administration. Pub. Admin. Rev. 5: 141-147. Spring 1945. 280.8 P964

#### Leadership

- 5112 MITCHELL, S. D. Leadership training in Arkansas. Agr. Ed. Mag. 17: 237. June 1945. 275.8 Ag8

#### Rural Organizations and Movements

- 5113 ANGUS, M. I. Closer co-operation desired between two B. C. rural groups. Family Herald and Weekly Star 76(3): 41. Jan. 17, 1945. 7 F21
- 5114 RALAY, E. La organización cooperativa en la actividad agraria argentina. Copecarril 20 (235): 4-8. Feb. 1945. 280.28 C7862
- 5115 BARRON, R. L. Publicizing the F. F. A. thru the press and F. F. A. publications. Agr. Ed. Mag. 17: 236-237. June 1945. 275.8 Ag8
- 5116 BELTRÁN, P. P. Agreración ruralista. Vida Rural 6(68): 2. Mar. 1945. 9.4 V66 Colombia.
- 5117 BISSON, J. E. Pourquoi vous servir de vos coopératives locales [Quebec]. Terre de Chez Nous 17(30): 23. May 2, 1945. 7 T27
- 5118 BÓREA, D. Comentarios a la ley 11.388. Copecarril 20(237): 12-20. Mar. 1945. 280.28 C7862 On cooperatives in Argentina.
- 5119 BRIGHAM, R. National Association County Agricultural Agents. Co. Agent 5(2): 6-10. May 1945. 275.28 C832
- 5120 BRINKLEY, H. L. The [National] Council of Farmer Cooperatives, looks ahead. Natl. Council Farmer Coop. Blue Book 12: 1-3. 1945. 280.29 N21
- 5121 BROWN, C. Co-operation and education in Quebec. Rural Co-op. 9(17): 6. May 8, 1945. 280.28 R88
- Rural cooperatives included.
- 5122 BRUCE, E. Lack of imagination within N. A. U.; farmers' federated front urged. Farmer [Pietermaritzburg] 33(5): 1. 9. Feb. 4, 1944. 23 F227
- 5123 CALDWELL, H. B. Work of State [cooperative] councils. Natl. Council Coop. Blue Book 12: 12-13. 1945. 280.29 N21
- 5124 CALETTI, A. M. Transcendencia económico-social de la cooperación agrícola. (Broadcast.) Copecarril 20(236): 11-13. Feb. 1945. 280.28 C786
- 5125 CARRERE SAPRIZA, J. Palabras pronunciadas en Carmelo... en favor de la agremiación ruralista [Uruguay]. Diario Rural 4, 1. e. 5(462): 1, 4. Mar. 14, 1945. 9.9 D54

- 5126 DAVIS, J. H. Farmers' self-help. Natl. Council Farmer Coop. Blue Book 12: 5-6. 1945. 280.29 N21

On farmer cooperatives with special reference to the organization and policies of the National Council of Farmer Cooperatives.

- 5127 DIEMER, A. Ownership with control. Rural Co-op. 9(17): 5. May 8, 1945. 280.28 R88 Urges cooperation for the Canadian farmer.
- 5128 DOTY, D. Learning from 4-H work. Mich. Farmer 204: 269, 284. May 19, 1945. 6 M58
- 5129 ELSWORTH, R. H. Co-op farmers---pioneers and farmers. Guide Post 22(4): 27. Apr. 1945. 75.8 G94
- 5130 EVANS, O. R. Co-operative business expands. Family Herald and Weekly Star 76(10): 14. Mar. 7, 1945. 7 F21
- Business carried on by the Federation of Co-operatives in Quebec.
- 5131 FOWLER, D. S. Farmer can do nothing unless organized. Farmer [Pietermaritzburg] 33(11): 9. Mar. 17, 1944. 24 F227

- 5132 FREEMAN, S. Young Farmers' Clubs; organisation's ambitions reviewed. New Zeal. J. Agr. 70: 317-318. Mar. 15, 1945. 23 N48J

- 5133 GILE, B. M., and BAKER, J. M. Agricultural cooperation in Louisiana. La. State U. La. Rural Econ. 7(2): 2-3, 7. May 1945. 281.8 L93

- 5134 GSCHWIND, J. J. Algunos antecedentes históricos de las asociaciones rurales de Rosario. Bolsa de Com., Rosario. Rev. 33(797): 21-28. Mar. 31, 1945. 287 R71

- 5135 HARMAN, L. Why are people starting co-operatives? Rural Co-op. 9(16): 3. Apr. 24, 1945. 280.28 R88

Includes rural cooperatives in Canada.

- 5136 HEFFERNAN, C. A. Building for future strength. News for Farmer Coops. 12(3): 7-8. June 1945. 166.2 N47

On the need for a program to develop trained personnel and management material for farm cooperatives.

- 5137 HENSEL, E. L. A code for co-ops. Coop. Digest 5(11): 52-53. May 1945. 280.28 C7896

- 5138 HOLBERTON, R. W. A group project. Agr. Ed. Mag. 17: 231-232. June 1945. 275.8 Ag8

Hay program of Future Farmers of America's chapter in Brookville, Va.

- 5139 HULL, J. T. A strong and wise business -- co-operation. Marit. Co-op. 13(9): 6. May 1, 1945. 280.28 M33

The growth of the movement, including rural cooperatives.

- 5140 LOOS, K. D. Cooperatives in action. Natl. Council Farmer Coop. Blue Book 12: 9-11. 1945. 280.29 N21

- 5141 \*LOZA, G. Peredovoy opyt upravleniya khoziaistvom arteli. Sotsialist. Sel'sk. Khoz. 16(1/2): 9-21. Jan./Feb. 1945. 281.8 So73

Utilization of experience of the leading collective farms in the organization and management of the agricultural cooperatives.

- 5142 MACDONALD, A. B. Planning for the future. Manitoba Co-op. 2(19): 6. May 1, 1945. 280.28 M31 Organization of cooperatives.

- 5143 MCKISSICK, S. M. Holding interest in 4-H Club work. Ext. Serv. Rev. 16: 68. May 1945. 1 Ex892Ex

- 5144 MCLAREN, G. Manitoba co-ops are booming. Family Herald and Weekly Star 76(21): 14. May 23, 1945. 7 F21

- 5145 \*MALUKHINA, A. 10 let po stalinskomu Uglovu. Sotsialist. Sel'sk. Khoz. 16(1/2): 50-54. Jan./Feb. 1945. 281.8 So73

The Stalin code for agricultural cooperatives in practice for 10 years on the collective farm "Pobeda" in the Moscow region.

- 5146 MARK, P. N. Keep the lines of authority clear. News for Farmer Coops. 12(2): 15, 18. May 1945. 166.2 N47

Management of cooperatives.

- 5147 MARTIN, E. P. Better public relations through advertising. News for Farmer Coops. 12(3): 4, 15. June 1945. 166.2 N47

On the public relation advertising campaign to explain the function of farm cooperatives launched by the Southern States Cooperative.

- 5148 MILLER, J. D. Cooperative fundamentals. Natl. Council Farmer Coop. Blue Book 12: 4. 1945. 280.29 N21

- 5149 MILLER, J. L. Facts about farm cooperatives. III. Why they fail. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(6): 10. June 1945. 6 P945K

- 5150 \*NAGARAJA RAO, T. R. Post-war development of the co-operative movement. Madras J. Co-op. 36: 129-131. Feb. 1945. 280.28 M26

- 5151 PERU. DEPARTAMENTO DE COOPERATIVAS AGRÍCOLAS. Desarrollo del movimiento cooperativo. Peru. Dir. de Agr. Inform. Agr. 2(8): 6-8. July/Aug. 1944. 9.8 P434

- 5152 \*PILLAI, T. M. C. Madura Ramnad District Co-operative Conference. Extracts from Presidential address. Madras J. Co-op. 36: 134-140. Feb. 1945. 280.28 M26



- 5153 SLAWSON, H. H. The how and why of the co-ops. No. 1. Why the farm co-ops are "Big business." D and W 44(6): 12-14, 94-96, 98-100, 102. (To be cont.) June 1945. 288.8 T68
- 5154 STEPHENS, H. C. How to keep a co-op young. News for Farmer Coops. 12(3): 10-11. June 1945. 166.2 N47
- Management of the Western Colorado Producers Co-operative.
- 5155 THARIN, H. K. Are farmers really organized? Farm Front 3(2): 3-4. May 1945. 281.8 F229
- 5156 WIETING, C. M. Reports American consumers benefit by farmer cooperative movement. Farmers' Elevator Guide 40(5): 9-10. May 1945. 280.28 Am3
- 5157 WOMACKS, MRS. P. C. Building for the future. Hoosier Farmer 30(5): 9, 28-29. May 1945. 280.82 H76
- Organization of farmers to meet future problems in agriculture.
- 5158 YOUNG, A. Garden clubs [for juniors] in Newfoundland. Family Herald and Weekly Star 76(7): 8. Feb. 14, 1945. 7 F21
- TRADE, FOREIGN AND INTERNATIONAL
- 5159 BERRUTTI, P. La exportación de ganado al Brasil. Diario Rural 4, i. e. 5(462): 4. Mar. 14, 1945. 9.9 D54
- The question of Uruguayan cattle exports.
- 5160 BRECKMAN, F. Farmers have a vital interest in the proposal to extend Trade Act. Pa. Grange News 42(2): 2-3. May 1945. 6 P38
- 5161 BULLARD, J. E. Post-war trade and the florist. Canad. Florist 40: 125-126. Apr. 20, 1945. 80 C163
- 5162 COMETTI, F. A U. S. market for N. Z. butter. New Zeal. Dairy Exporter 20(8): 24-26. Apr. 2, 1945. 44.8 N484
- 5163 CRAWFORD, R. P. John Farmer, world trader. Successful Farming 43(6): 19, 36-38. June 1945. 6 Sul2
- 5164 DONAGARAY, F. La prohibición de exportar vacunos al Brasil; no tiene valor legal y es inconveniente para la economía permanente de la nación [Uruguay]. Diario Rural 4, i. e. 5(456): 8. Feb. 21, 1945. 9.9 D54
- 5165 DOWSETT, C. P. World trade in wheat. Rural Bank N. S. Wales. Farm Front 3: 37-41, processed. Mar. 1945. 281.9 R883
- 5166 ELLIS, M. G. Farmers must prepare for two-way trade; [Canadian] Federation of Agriculture meeting at Regina hears forecast of post-war prospects. Family Herald and Weekly Star 76(5): 7, 10. Jan. 31, 1945. 7 F21
- 5167 ELLIS, M. G. Horse meat contracts signed [by Saskatchewan with Belgium]. Family Herald and Weekly Star 76(22): 8. May 30, 1945. 7 F21
- 5168 FERNÁNDEZ ROQUE, M. Hay que dar definitiva estabilidad al Habano en los mercados extranjeros. Habano 11(4): 22-23, 25. Apr. 1945. 68.8 H11
- 5169 FIGUEIRA, L. V. O livre trânsito do café nos mares e a Carta do Atlântico. Rev. Rural Bras. 25(295): 36-37. Mar. 1945. 9.2 B733
- 5170 HEATHERINGTON, D. F. Britain's postwar international trade. Foreign Com. Weekly 19(8): 4-6, 40-41. May 19, 1945. 157.54 F763
- 5171 HENNESSEY, J. F., JR., and MARTÍNEZ, J. F. Economic survey of Latin America; part II, South American republics, section 1: Argentina - Bolivia - Uruguay. Com. Pan Amer., v. 14, No. 3/4, 73 p., processed. Mar./Apr. 1945. 280.8 C736
- Includes statistics for trade in agricultural products.
- 5172 LANDIS, J. M. Restoring world trade. Acad. Polit. Sci. New York, Proc. 21: 443-450. May 1945. 280.9 Acl
- 5173 MAC COLL, E. D. Prohibición de la exportación de ganados al Brasil. Diario Rural 4, i. e. 5(458): 12. Feb. 28, 1945. 9.9 D54
- The problem of Uruguayan cattle exports.
- 5174 MCCOY, H. B. Government aids to foreign trade. Foreign Com. Weekly 19(7): 3-5, 42-45. May 12, 1945. 157.54 F763
- 5175 MINIER, C. Racehorses imported, beef stock barred; Federal [Australian] action imposes severe penalty on cattle breeders. Farmer and Settler 40(11): 31. Apr. 13, 1945. 23 F226
- 5176 MORA, G. Política de comercio exterior [Mexico]. Rev. de Econ. 8(1/2): 14-18. Feb. 28, 1945. 280.8 R3293
- Includes agricultural products.
- 5177 PRICE, H. B. American farmers look toward Europe. Ky. Farmer's Home J. 81(6): 3. June 1945. 6 F2237
- European demand for food creates market for foreign trade.
- 5178 ROPES, E. C. USSR - a vast postwar market. Soviet Russia Today 14(2): 10-11, 30. June 1945. 280.8 So89
- Prospects of foreign trade between United States and U. S. S. R.
- 5179 SCHNELLBACHER, E. E. Trade agreements aid all business. Dom. Com. 33(5): 4-5. May 1945. 157.54 D713
- 5180 STRONG, A. M. Banks in post-war foreign trade. Banking 37(12): 50-52. June 1945. 284.3 Am3
- 5181 STRONG, J. A. Argentina as a market: 2. Foreign trade; 3. Imports of Canadian interest; 4. Canadian purchases from Argentina. Canada. Dept. Trade and Com. Com. Intel. J. 72: 353-361, 383-391. Apr. 28, May 5, 1945. 286.8 C16
- 5182 SYKES, P. Suggestions to importers of Indian products. Canada. Dept. Trade and Com. Com. Intel. J. 72: 379-382. May 5, 1945. 286.8 C16
- 5183 TAYLOR, A. E. Taylor advises DISA [Dairy Industries Supply Association] on foreign trade. (Abridged.) Milk Plant Monthly 34(5): 30, 32, 77. May 1945. 44.8 C864
- 5184 THORPE, C. Reciprocal trade agreements threaten your walnut income; bill would permit reduction of 50 to 75% in former nut tariffs. Diamond Walnut News 27(3): 4-5. May 1945. 94.68 D34
- 5185 U. S. DEPT. OF STATE. Procurement of strategic materials; agreement between the United States of America and Colombia effected by exchange of notes signed at Bogotá March 29, 1943. U. S. Dept. State. Exec. Agreement Ser. 442, 9 p. Washington, 1945. (P. 2316) 150 Ex3
- 5186 U. S. FOREIGN ECONOMIC ADMINISTRATION. TRADE RELATIONS STAFF. Lend-lease fact and fiction. Precise truth serves to dispel misapprehensions. Foreign Com. Weekly 19(6): 11. May 5, 1945. 157.54 F763
- 5187 W., C. J. Our post post-war markets. New Zeal. Dairy Exporter 20(8): 12-13. Apr. 2, 1945. 44.8 N484
- 5188 WILLIS, A. C. Call for revision of export contracts. Farmer and Settler 40(9): 15. Mar. 29, 1945. 23 F226
- Seeks improved terms for Australian exports to Great Britain.
- 5189 WORLD food shipments; experts weigh problems; objective: restoration of sound and healthy life. Foreign Com. Weekly 19(8): 12, 42-44. May 19, 1945. 157.54 F763
- Joint statement by representatives of Great Britain, Canada, and the United States. Issued through Office of War Information.
- Includes the food shortage.



## FOOD AND HUMAN NUTRITION

## GENERAL

- 5190 BIGWOOD, E. J. Food problems in liberated countries. *Nutr. News* 8(4): 13. Apr. 1945. (Beltsville Branch Libr.)
- 5191 BLACKMON, A. A. Home produce should provide "basic 7" foods. *Agr. Leaders' Digest* 26(4): 48. Apr. 1945. 275.28 Am3
- 5192 BORSOOK, H. Nutritional status of aircraft workers in southern California. III. Effects of vitamin supplementation on absenteeism, turnover, and personnel ratings. *Milbank Mem. Fund Q.* 23: 113-160. Apr. 1945. 449.9 M582
- 5193 BOURQUIN, A. Observations on the ascorbic acid level of the blood plasma of women maintained on a thiamin deficient diet. *Amer. J. Digest. Dis.* 12: 162-167. May 1945. 448.8 Am324
- 5194 BOWES, A. DE P. Better nutrition - a national and international goal. *Nutr. News* 8(4): 13. Apr. 1945. (Beltsville Branch Libr.)
- 5195 BRILL, L. About school lunches. *Home and Country* 11(1): 3. 1945. 281.28 H753
- 5196 CALLAWAY, J. L., MILAN, D. F., and NOOJIN, R. O. Nutritional survey of three hundred and fifty-four dermatologic patients. *Arch. Dermat. and Syph.* 51: 266-269. Apr. 1945. 448.8 Ar242
- 5197 DOWELL, O. Cafeteria kids taught to select good lunches. *Agr. Leaders' Digest* 26(4): 54, 56. Apr. 1945. 275.28 Am3
- 5198 \*DUTT, N. C. Minimum requirement of fat in human nutrition. *Sci. and Cult.* 10: 390-394. Mar. 1945. 475 Sci24
- 5199 ELLIOTT, F. F. Good farming, good nutrition, and agricultural prosperity. *Amer. Soc. Farm Managers and Rural Appraisers J.* 9(1): 32-43. Apr. 1945. 281.8 Am32
- 5200 FISHBEIN, W. Yes, there are enough vitamins in a good daily diet but only one out of four has a good diet. *Amer. Drug.* 111(5): 54-55, 118. May 1945. 396.8 Am32
- 5201 GOODHART, R. S., and PETT, L. B. The wartime nutrition programs for workers in the United States and Canada. *Milbank Mem. Fund Q.* 23: 161-179. Apr. 1945. 449.9 M582
- 5202 JOHNSON, R. E., and others. Assessment of nutritional and metabolic condition in the field general and clinical aspects. *War Med.* 7: 227-233. Apr. 1945. 448.8 W19
- F. Sargent, P. F. Robinson, and F. C. Consolazio, joint authors.
- 5203 JOHNSON, R. E. A field nutritional laboratory. *War Med.* 7: 222-226. Apr. 1945. 448.8 W19
- 5204 KIENE, MRS. J. Importance of a good breakfast. *Certified Milk* 20(227): 7. Mar. 1945. 44.8 C33
- 5205 KLINGE, G. Política agrícola-alimenticia. *Ft.* 9-10. *Vida Agr.* 22: 29, 31, 33, 35, 37, 39, 41, 43, 45, 47-48, 153-157. Jan., Feb. 1945. 9.8 V66 Peru.
- 5206 LOCKHART, E. E. Antarctic trail diet. *Amer. Phil. Soc. Proc.* 89(1): 235-248. Apr. 30, 1945. 500 F533
- Discussion of the diet of the United States Antarctic Service Expedition, 1939-1941.
- 5207 LUND, C. J. Nutrition in pregnancy. *Amer. Med. Assoc. J.* 128: 344-350. June 2, 1945. 448.9 Am37
- 5208 MCKINNEY, F. Adequate nutrition begins with variety, soil and climate. *Kans. Farmer* 82(9): 14-15. May 5, 1945. 6 K13
- 5209 MACMILLAN, E. More education in nutrition. *Pub. Aff.* 8: 112-114. Winter 1945. 280.8 P965

5210 NATIONAL PLANNING ASSOCIATION. A food nutrition program for the Nation. *Natl. Planning Assoc. Planning Pam.* 46, 35 p. Washington, D. C., 1945. 280.9 N2153

5211 ODLE, D. T., and KRAMER, M. M. Nutritive value and cost distribution of food of army students. *Amer. Dietet. Assoc. J.* 21: 285-286. May 1945. 389.8 Am34

5212 PHILLIPS, H. A. Decree for vitality. *J. Living* 10(11): 9-13. May 1945. 389.8 J822

Brazil has adopted vitamins by executive proclamation and decree.

5213 ROSSER, F. T., and THISTLE, M. W. Guardians on the food front. *Farmer's Advocate and Home Mag.* 80: 388. May 24, 1945. 7 F22

Work of the Canadian Research Council in nutrition.

5214 SALAS M., D. El problema de la alimentación. *Pro-Vida* 26(284): 23-24. Apr. 1945. 475 P942

5215 SCHOUR, I., and MASSLER, M. The effects of dietary deficiencies upon the oral structures. *Amer. Dental Assoc. J.* 32: 714-727. June 1, 1945. 448.8 Am322

5216 STAFFORD, J. Health often linked to diet. *Chemistry* 18(8): 28-30. Apr. 1945. 381 J826A

5217 STIGLER, G. J. The cost of subsistence. *J. Farm Econ.* 27: 303-314. May 1945. 280.8 J822

Subsistence diets.

5218 STORMS, L. B. Forty years of progress in food chemistry. *Iowa State Col. J. Sci.* 19: 269-278. Apr. 1945. 470 I69

5219 \*SUBRAHMANYAN, V. Some food and nutrition problems of the present and the post-war period. *Sci. and Cult.* 10: 363-365. Mar. 1945. 475 Sci24

5220 SYMPOSIUM on nutrition. *Va. Med. Monthly* 72: 238-254. June 1945. 448.8 V59

Partial contents: Nutrition in relation to medicine, by W. B. Porter, p. 239-240; Nutrition in relation to surgery, by E. I. Evans, p. 240-242; The effects and manifestations of nutritional deficiencies in obstetrics and pediatrics, by L. E. Sutton, p. 242-246; Nutrition in preventive and industrial medicine, by I. C. Riffin, p. 247-250.

5221 THAYSEN, A. C. Production of food yeast; work of the Teddington pilot plant and developments in Jamaica. (Extracts) *Food [London]*, May 1945, p. 116-119. 389.8 F738

5222 TUOHY, E. L. Geriatrics and the work of dietitians. *Amer. Dietet. Assoc. J.* 21: 291-295. May 1945. 389.8 Am34

5223 WHITLOW, H. M. Food for growing children. *Homes and Gard.* 26(12): 42-43, 64. May 1945. 318.8 Ou7

5224 WINTERS, J. C. Recent nutrition research: practical aspects. *J. Home Econ.* 37: 277-280. May 1945. 321.8 J62

## FOOD HABITS

5225 LUSBY, R. M., and BINSON, L. S. Food consumption of deep-sea fishermen. *Fishery Market News* 7(2): 2-7. Feb. 1945. 157.5 F532

5226 MCCREADY, M. S. Food habits and education. *Macdonald Col. J.* 5(8): 24-25. Apr. 1945. 101 M144

## NUTRITIVE AND VITAMIN CONTENT

5227 ATKINS, C. D., WEIDERHOLD, E., and MOORE, E. L. Vitamin C content of processing residue from Florida citrus fruits. *Fruit Prod. J. and Amer. Food Mfr.* 24: 260-262, 281. May 1945. 389.8 F94

5228 BACHARACH, A. L. Extraction versus enrichment. (Sum.) *Food [London]*, 14: 91. Apr. 1945. 389.8 F738

5229 BIESTER, A. Tests show rutabaga has high value as source of vitamin C. *Minn. Farm and Home Sci. Minn. Sta.*, 2(3): 14. May 15, 1945. 100 M668

5230 BIRD, E. W., and FERGUSON, F. E. Iowa butter vitamin-rich. *Farm Sci. Rptr.* 6(2): Apr. 1945. 275.28 F22



5312 \*HÅKANSSON, R. Kontakt med forskningen. Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige och Gästrikland 15(17): 3. Apr. 28, 1945. 11 J762

Agricultural research in Sweden.

5313 \*KOLIASEV, P. E. Fiziko-agronomicheskiy institut v dni otechestvennoy voyny. Priroda 33(3): 84-86. 1944. 410 P933

Research work carried on by the Physico-Agronomical Institute at Mendeleev, in the Molotov region during the war.

5314 \*NIKITIN, K. Pervye itogi opytnoy raboty. Sovkhoz. Proizvod. 5(1/2): 28-31. Jan./Feb. 1945. 20 So85

First results of research work carried on at the Shipunov State farm in the Altai region.

5315 SILVA OSSES, L. La experimentación agrícola en Rothamsted. Unión Agr. del Sur 3(16): 46-49. Mar. 1945. 9.3 Un3

#### STATISTICS

5316 \*CORAZÓN, F. Importancia de la estadística en el abastecimiento. Aliment. Nac. 4(43): 2. Feb. 25, 1945. 389.8 A142

#### NEW PERIODICALS AND SERIALS

5317 ALABAMA, STATE PLANNING BOARD. First Annual Report. Oct. 1, 1943-Sept. 30, 1944. 28 p. Montgomery. 280.7 AL13

5318 ARGENTINA. MINISTERIO DE AGRICULTURA. DIRECCIÓN DE INVESTIGACIONES. INSTITUTO DE SANIDAD VEGETAL. Serie A. Vol. 1, No. 1, 1945. 15 p. Buenos Aires. 464.9 Ar323

5319 C. S. I. R. IRRIGATION RESEARCH STATION, GRIFFITH, NEW SOUTH WALES. Farmer's Newsletter. Monthly. No. 1, July 1944. 8 p. 55.9 G87

5320 CORNELL PLANTATIONS. Quarterly. Vol. 1, No. 2, Winter 1944/1945. 32 p. Ithaca, Cornell U. 409.6 C812

5321 FOOD; THE WASHINGTON NEWSLETTER. Special Report. Weekly. No. 1, Mar. 3, 1945. 4 p., processed. Washington 5, D. C., Goddard Washington Services, Inc., 1010 Shoreham Bldg. 389.8 F7396

5322 \*INDIA. [DEPT. OF COMMERCE]. Booklet. No. 1, 194-? 40 p. Bombay. 280.9 In277

A monographic series discussing various commodities.

5323 MUSEO NACIONAL DE COSTA RICA. Boletín. Vol. 1, No. 1, Feb. 1945. 23 p. San José. 516 Sa53B

5324 RETIRO AZUCARERO. Monthly. Vol. 1, No. 2, Sept. 1944. 32 p. Habana, Caja de Retiro y Asistencia Social de Obreros y Empleados de la Industria Azucarera. 65.8 R31

5325 \*SVENSKA TRAFORSKNINGSINSTITUTET. TRATEKNISKA AVDELNINGEN. Cirkulär [Swedish Wood Research Institute. Wood Technical Division. Circular]. 1, 1944. 4 p. Stockholm. 99.9 St6

5326 \*SVENSKA TRAFORSKNINGSINSTITUTET. TRATEKNISKA AVDELNINGEN. Meddelande [Swedish Wood Research Institute. Wood Technical Division. Publication]. [No.] 1, 1944. 16 p. Stockholm. 99.9 St6S

5327 TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. DEPT. OF AGRICULTURAL EDUCATION. Service Leaflet. No. 1, Jan. 1945. 3 p. College Station, Tex. 276 T3122Se

State Board for Vocational Agricultural Education cooperating.

5328 UNITED STATES QUARTERLY BOOK LIST. Vol. 1, No. 1, Mar. 1945. 64 p. Washington, U. S. Library of Congress. 242 Un3U

Includes social and biological sciences.

#### CORRECTIONS

Name of periodical in item 4976, v. 4, No. 2, Feb. 1944, should be Jour. Pomol. and Hort. Sci. instead of Mycologia.

Call number in item 15795, v. 6, No. 4, Apr. 1945, should be 99.9 C16Re

Date of periodical in item 22967, v. 6, No. 5, May 1945, should be Mar. 29, 1945.

Title in item 24164, v. 6, No. 6, June 1945, should read Department of State Appropriation Bill for 1946.



# AUTHOR INDEX

	Item		Item		Item		Item
Aberg, E.	729,990	Almada Sapriza, H.	1815	Armstrong, G. C.	3857	Ball, R. E.	1587-8
Akerman, A.	4139	Almeida, C. R. M. de.	2031, 4252	Armstrong, T.	3551	Ball, R. F.	2831
Aandahl, A. R.	3913	Alp, H. H.	364	Arnaudin.	489	Balloun, S. L.	4893
Aslander, A.	1608	Alvarez, B.	3879	Arndt, C. H.	997	Ballu, T.	528
Abbott, J.	4150-1	Amaral, R. de.	4530	Arnold, C. & Fils.	578	Balmer, N. A.	2674
Abbott, M.	5306	Amaral, V. S. G. do.	4253	Arnold, W. P.	2139	Bangay, R. D.	3190
Abbott, R. L.	3613	American Inst. of Public Opinion.	108	Arnst, A.	2091, 2101	Bangert, E. E.	4640
Abby, C.	3798, 4152	American Libr. Assoc.	649	Army, A. C.	1188	Banks, A. E.	2972, 2976
Abdussalam, M.	2305	American Seed Trade Assoc.	4639	Aroeira, J. S.	1300	Banks, E.	2675
Abegglen, P.	3306	American Soc. of Brewing Chem.	4383	Arsenault, L.	4384	Banks, M. B.	5023
Abele, C. A.	4040	Amos, E. R.	1311	Arteaga, P. H.	805	Banta, E. S.	1000
Abitbol, J.	1582	Amos, M.	320, 322	Arthur, J. M.	3165	Baraño, J. A.	1311
Abraham, A.	949-50	Anastasia, P.	2344	Ascham, L.	232	Baraño, T. V.	1882
Absalom, W. H.	2673	Ancona Pérez, A.	4154	Asdell, S. A.	2362, 3021	Barberie, M. A.	1086
Absalom, W. M.	2825	Andersen, A. M.	994, 1185	Ashmore, A. S.	1765	Barbini, M. E.	1301
Ackert, J. E.	646	Anderson, A. W.	1400	Ashton, G. C.	3043	Barchilon, J.	3552
Acosta Solís, M.	647, 1693	Anderson, B. D.	3905	Ashton, H.	3708, 4156	Bare, O. S.	411
Acuña, J. B.	1010, 1177	Anderson, B. P.	2455, 2827-8	Atherton, C. C.	3787	Barker, E. M.	4071
Adair, W.	3771, 3878, 4251, 4887	Anderson, C. P.	4667	Atkins, C. D.	5227, 5252, 5264	Barkham, C. C.	3772
Adams, G.	3928	Anderson, E.	4254	Atkinson, L. J.	4140	Barley, H. D.	2832-4
Addis, C. J.	3440	Anderson, E. J.	465	Atkinson, L. N.	2266	Barlowe, R.	2066
Adolf, E.	3189	Anderson, H. C.	2067	Atwater, H.	1375	Barnes, H. T.	3191
Adolfson, L. H.	500	Anderson, J.	1288	Atwood, S. S.	976	Barnes, O. K.	1883
Afanasiev, M. M.	262	Anderson, M.	3990	Auckland Metrop. Milk Council.	4064	Barnes, R. W.	3308
Agerberg, L. S.	1583	Anderson, R. C.	3443	Aul, H. B.	1401	Barnes, V. S.	136
Agricultural Com. for Amer.-Soviet Friendship, Inc.	479	Anderson, R. K.	5236	Ausman, L. H.	4338	Barnes, W. C.	299
Aguilo, I.	4529	Anderson, W. A.	271, 273	Austin, J.	1402	Baron Hay, G. K.	1147, 1207, 4141, 4559
Ahlberg, O.	3112	Anderson, W. S.	232	Austin, V. H.	2286	Barr, D.	3880
Ahlgren, G. H.	1184	Andrade, B. M. de.	1186, 1799, 2416	Australia, Commonwealth Forestry Bur.	2231	Barrera Riber, R.	1407
Ahlgren, H. L.	991	André, E.	1084-5	Australia, Council for Sci. and Indus. Res.	3374	Barrera Vilar, J.	3709
Ahrendt, Mrs. A.	1584	Andre, F.	79	Australia, Rural Reconstr. Comm.	4998	Barrett, D. P.	3192
Ahumada, C., J.	3914	Andreas, F.	2246-7	Averill, A. W.	246	Barrett, L. A. G.	4560
Aicher, L. C.	2415, 2450	Andrews, F. E.	3799	Avery, G. S., Jr.	998	Barrett, M. F.	672
Aillón Tamayo, C.	5041-2	Andrews, F. N.	4521	Avery, M. H.	384	Barron, R. L.	5115
Ainslie, J. B.	2577	Andrieu, E. C.	4701	Avigdor, S.	1816, 4804	Barrons, K. C.	1589
Aiyar, S. P.	992	Añe Alderete, A.	2829	Avilov, T.	3788	Barrus, M. F.	415
Aiyar, V. G. R.	4153	Angell, G. N.	4255	Axelsson, J.	2248, 2417	Barry, J.	3930
Akers, J. B.	2162	Angell, H. R.	995	Ayala Martín, E.	2608	Barry, S. C.	4561
Akhundzade, I.	5308	Angle, G. M.	13	Ayars, J. S.	3114	Bares, H. P.	79
Ala. Polytech. Inst. Agr. Ext. Serv.	318-28	Angulo, J.	3307	Azevedo, A. L.	1741	Barthel, W. F.	3147
Ala. State Planning Bd.	5317	Angus, M. I.	5113	Azzi, G.	613	Bartlett, J. W.	568
Alberti, M. M.	1397	Annand, P. N.	3113	Bacharach, A. L.	5228	Bartlett, S.	2363
Alberts, B. W.	2826	Anthony, E. L.	4870	Bacher, J. G.	1405	Barton, G. S. H.	4805-6
Albino Bridarolli, R. F.	3548	Antonio Rugeles, J.	1977	Back, E. A.	64	Bartrum, D.	1408
Albrecht, W. A.	1776, 1811-14, 2245	Antunes, F. D.	4702	Back, R. C.	3491	Bass, E. A.	1951
Albright, W. D.	1299	Appleby, P. H.	480	Bagnall, Mrs. N.	4112	Bass, E. O.	2946
Alcaraz Mira, E.	1282-3	Apps, H. J.	2516	Bahia (State). Instituto Central de Fomento Económico.	1272	Bass, H. T.	303
Aldeguier, d'	489	Aragon, E.	1586	Baier, W. E.	4299	Basterrechea, I. de.	2518
Aldous, A.	1398	Arango V., A.	804	Bailey, F.	5043	Basu, N. K.	1087
Aldrich, D. G.	1740	Arango V., A.	804	Bailey, J.	2517	Batchelder, C. H.	65
Aleksandrova, L. N.	1749	Arborgast, W. E.	2150	Bailey, J. S.	806	Bateman, I.	5242
Alexander, C. P.	3441-2	Arceneaux, T. J.	1669	Bailey, M. V.	1173-4	Bateman, S. D.	3830
Alexander, C. S.	2801	Archer, Mrs. L. A.	4755	Bain, F. M.	1312	Bateson, N.	481
Alexander, L. J.	864	Archibald, E. S.	4871	Bainbridge Fletcher, T.	3444, 3498	Batie, J. R.	1895
Alexander, W. M.	4982	Archibald, J. G.	252	Baird, T. J.	1406	Batjer, M. Q.	601
Alexandersson, H.	4476	Arentsen S., S.	865	Baker, C. G.	1335	Battisti, L.	653
Alger, H. B.	445	Argentina. Dirección de Tierras.	3792	Baker, E. T.	2287, 3022	Baudhuin, F.	482
Allan, P. B. M.	3549	Argentina. Instituto de Sanidad Vegetal.	835, 5318	Baker, G. O.	363	Baur, K.	461
Allard, H. A.	711, 730, 993	Argüello Castañeda, F.	4155	Baker, H. R.	2807	Baver, L. D.	1817
Allegrí, E.	612	Argumosa y Valdés, J. A. de.	1694	Baker, J. M.	5133	Bawden, F. C.	915
Allen, A. A.	3092, 3383	Arias Marambio, J.	2588	Baker, K. F.	850	Bayford, E. G.	3385
Allen, C. E.	963	Aries, R. S.	2068, 2151	Bakke, A. L.	999	Bayne, A. F.	3553
Allen, E. J.	1585	Arístides Machado, J.	3929	Bakun, N.	4157	Bayon, H. P.	2835
Allen, E. W.	48	Ariz. Agr. Expt. Sta.	216-18	Bal, S. N.	1695	Bazan, L.	1409
Allen, F.	3786	Armer, A.	3707	Balay, E.	5114	Beach, J. R.	2757
Allen, M. H.	3829	Armero G., L. de.	2032	Balbo, F. C.	4089	Beach, R. O.	4158
Allen, R. C.	1399	Armitage, E.	996	Bald, J. G.	922	Beadle, G. W.	989
Allen, W. H.	5285			Balfour-Browne, F.	3093	Beakbane, A. B.	1336
Allen, W. L.	3550			Ball, H. J.	4193	Beal, S. W.	4072
Allende, O.	3645			Ball, H. K.	1189	Beall, F. C.	237
Allmendinger, D. F.	313					Beall, T.	443
Allred, C. E.	301					Beals Lara, A.	1337



Item	Item	Item	Item
Beattie, W. R.....171	Birch, L. C.....3389-90	Bose, A. B.....1103	Brinkley, H. L.....5120
Beaty, J. A.....3881	Bird, B. W.....458	Bosman, F. H.....1191	Brinsler, A. W.....3662
Beau, M.....3991,4531	Bird, E. R.....4041	Bosman, L. V.....4163	Bristol, W. M.....4948,5006
Beaumont, A. B.1800-1,1952	Bird, E. W.....4114,5230	Boster, D. O.....809	Britnell, G. E.....3915
Beck, G. F.....673	Bird, S.....2839	Bottoirff, C. A.....2759	Broadbent, D. A.....310
Beck, R. S.....3992	Birge, R. F.....2589	Botts, R. R.....36	Brockett, G. S.....5095
Becker, R. B.....2519	Birkett, C. B.....4808	Boucher, G.....2045	Brodady, E.....3117
Beeler, M. N.....3800	Birtwistle, V.....2758	Boughen, W. Y.....1696	Brodell, A. P.....37,1141
Beeson, F. W.....2836	Bishop, E. L.....3485	Bourg, C. J.....4641	Brody, I.....593
Beetle, A. A.....732-3	Bisson, J. E.....4478-9,5117	Bourlière, F.....648	Brôme, R.....1225
Behmer, M. L. A.....4113	Biswas, H. G.....4677	Bourne, A. I.....380	Bromfield, L.....4810
Beinert, K.....1818	Bjornson, J.....4341	Bourne, B. A.....4534	Bromley, S. W.....675,3395
Beirne, B. P.....3526,3554	Black, J. D.....1802	Bourquin, A.....5193	Bronkhorst, J. J.....2936
Beisso, A. J.....4477	Black, J. J.....3801,4897	Bourquin, F.....3557-8	Bronson, W. H.....3995
Belikov, P. S.....1088	Black, S. R.....2127	Bouscary, A.....875	Brooks, A. N.....230,356
Bell, A.....4894	Black, W.....964	Bouvet, R.....4164	Brooks, C.....4537
Bell, C. L.....303	Black, W. H.....2418	Bowden, R. A.....1293	Brooks, J. B.....3803
Bell, E. A.....4748	Blackburn, J. B.....2234	Bowden, W. M.....966	Brooks, R. S.....2154
Bell, F. G.....20,22	Blackerby, A. W.....120	Bowen, A. H.....3193	Broomhead, W. W.....2725,2840-3
Bell, F. W.....2520	Blackford, F. W.....807	Bowen, J. R.....5005	Brophy, J.....1142
Bell, G. D. H.....1130	Blackmon, A. A.....5191	Bower, C. A.....1750,3705	Brossia, M. H.....4426-7
Bell, J. E.....4386	Blackmon, G. H.....4532	Bowes, A. de P.....5194	Brown, A. G.....4725
Bell, J. F.....3358	Blackwelder, R. E.....3391	Bowling, G. A.....2364-5	Brown, A. J.....3312
Bell, L. J.....3646	Blackwell, H. L.1671,2724	Bowman, F. T.....4257	Brown, B. A.....1193
Bell, R. E.....4895	Blair, I. D.....1766	Bowman, M.....4309	Brown, C.....5121
Bell, R. S.....296,298	Blake, M. A.....1041	Bowne, G. R.....674	Brown, C. B.....1955
Belshaw, H.....4703	Blakely, A. A.....2457	Box, S. W.....402,404-5	Brown, D. H.....1002
Beltran, P. P.....5116	Blanch, G. T.....308,310	Boyd, D. T.....4165	Brown, D. R.....2252
Belval, H.....1089	Blanchard, B. E.....5044	Boyd, J. P.....2128	Brown, D. S.....4332
Bender, C. B.....2249	Blanchard, E. E.3446,3529	Boyd, O. C.....380,866	Brown, E. F.....5231
Benitez Morera, A.....3555	Blanding, H. W.....3614	Boyd, W. L.....2366	Brown, E. O.....1194
Beniloch, M.....3386	Blanford, C. J.....3993	Boyd, W. M.....3559	Brown, E. S.....3448
Bennett, F. W.....4005	Blanford, H. R.....2069	Boyer, C. A.....3392	Brown, F. E.....1897-8
Bennett, H. H.....1953	Blank, H. A.....4493	Boyle, J.....1954	Brown, F. M.....3563
Bennett, H. W.....1819	Blanyer, G. J.....2947,2977	Boyle, J. L.....4535	Brown, H. D.....1021,1590
Bennett, R. W.....1410	Blasdale, W. C.....1090	Boyle, R. V.....1192	Brown, H. L.....4705-6
Bennett, T. R.....4340	Blauser, I. P.....444	Boynton, D.1091,1340,1821	Brown, J. B.....3663
Benson, D. V.....2635	Bledsoe, R. W.....1022	Boysen, L.....1412	Brown, J. R.....735-6
Benson, R. B.....3527-8	Blew, J. O.....121	Brackeen, L. O.....5046	Brown, M. J.....339-40,344
Bentley, B. H.....2117	Bligh, R. D. L.....1339	Brade, A. C.....734	Brown, R.....1004,3804
Bequaert, J.....3445	Bloch, P.....3310	Bradford, L. A.....3115	Brown, R. C.....67
Berard, W. N.....4175	Blomquist, A.....1190	Bradley, J. C.....3094	Brown, S. M.....1007
Beresford, H.....362	Bloomfield, G. F.....4620	Bradt, C. G.....417	Brown, T.....3647
Berg, L. R.....316	Bloor, W. R.....5231	Brady, D. E.....423	Browne, F. L.....122
Berg, L. S.....1777	Blouke, P.....3793	Brady, D. S.....4738	Browne, T. E.....4900
Bergamin, J.....3387	Blunn, C. T.....4160	Bräutigam, O.....484	Browning, G. M.....3705
Berger, J.....998	Boal, S. J.....614	Bramwell, J. F.....3194	Brubaker, D. D.....4073
Bergeson, M.....1338	Boals, R. B.....2218	Brandon, J. F.....1140,1150	Bruce, E.....5122
Bergville Dairy Farmers' Assoc. (Union of South Africa).....4947	Bobby, F. C.....4142	Brann, J. L.....3560	Bruchard, M. de.....489
Berkman, J.....2837	Bock, E. G.....2677	Brantley, C. O.....3393-4	Bruckner, J. H.....2678,2844
Berliner, V.....568	Bocking, J.....5045	Brasher, E. P.352,355,1822	Brünnich, F.....3197
Berliner, V. R.....2615	Boddy, F. A.....4898	Brasse-Brossard, L.....550	Brûlé, D.....2046
Bermudez, A.....4425	Boehm, B.....808	Braun, E.....3195,3311	Brummenbaum, A.....4811
Berrutti, P.....5159	Boerger, A.....965	Braunschweig, T. D.....2209	Bruner, S. C.....3396
Berry, E.....431-3	Bohn, J. D.....3802	Bray, M. W.....2193	Brunner, M. F.....4494
Berry, E. P.....2723	Bohstedt, G.....2250-1,3073	Brazil. Departamento Nacional de Produção Vegetal. Divisão de Defesa Sanitária.....816	Bryan, K.....1778
Berry, J. C.....2521	Bois, E.....798	Breault, H. J.....2288	Bryant, E. B.....3360
Berry, J. H.....136	Bolberitz, K. von.....3902	Breed, F.....3061	Bryant, L. R.....331,4042
Bert, F.....2456	Bolívar Pieltain, C...3447	Breed, R. S.....4045	Bryant, R. G.....2367
Berthelon, M.....547-8	Bolsa de Comercio, Montevideo. Oficina de Informaciones Económicas.....3961	Bremer, H.....1003	Bryden, W. K.....4726
Bessonnet, E. C.....3309	Bol'shakov, B. A.....4161	Brenckman, F.....5160	Bryson, B. S.....4115
Best, J. W.....4756	Bonck, J.....937	Brenes, R. (hijo).....5024	Bryson-Smith, J. See Smith, J. B.
Reuk, J. F.....5257	Bond, M. C.....4256	Brennan, G. M.....4724	Bubner, L. J.....2845
Bevilotti, V.....1001	Bondar, G.....931	Brennan, J. M.....3359	Buchanan, A.....4812
Rezeau, C. M.....2212	Boner, P.....4704	Bressler, R. G., Jr.....224	Buchanan, R. E.....2345
Riddulph, O.....1002	Bonnet, F.....4162	Bretón y Newhall, S. B....3196	Buchanan, T. S.....6
Biely, J.....2744	Bonnet, H.....489	Brewster, H. A.....4480	Buckeridge, G. H.....485
Bierly, I. R.....3710,4757-8	Bonnier, G.....2522	Breyer, A.....3561-2	Bucy, W. E.....2368
Bierwert, T. L.....1411	Bonnymann, E. D.....4562	Brichet, J.....4536	Buechel, F. A.....4388
Biester, A.....5229	Booth, F. L.....2152-3	Bridarolli, A.....3095	Buehler, L. Jr.....3712
Biffen, W.....4896	Boothby, R.....483	Bridgeman, M.....4899	Bühler, M. F.....4621
Biggs, H. E. J.....3388	Borbolla y Alcalá, M. R. de la.....4533	Brierley, W. G.1341-2,1352	Bülow, F.....502
Bigwood, E. J.....5190	Bordeleau, R.....1820	Briggs, F. A.....1803	Bueno, R. de C...2726,2973
Bilbao, P.....4759,4807	Borders, H. I.....230	Briggs, G. M., Jr.....2739	Buff, V.....2289
Billard, J. J.....4387	Bórea, D.....5118	Briggs, H. M.....287-8,2995	Buffon, A.....2033
Billings, W. A.....2838	Borini, F.....549	Brigham, E. S.....3994	Bule, T. S.....1956
Billings, W. D.....936	Borkenhagen, E.....4809	Brigham, R.....5119	Bulgakov, S. W.....951
Bimpson, W. H.....4159	Borland, A. A.....2419	Brill, L.....5195	Bull, H.....1107
Bingham, G. H.....1896	Borsook, R.....5192		Bull, M. G.....2136
Bingham, M. T.....712	Borst, H. L.....20		Bull, S.....3931
Binson, L. S.....5225			



Item	
Bullard, J. E.....	5161
Bullis, H. A.....	3858
Bunce, A. C.....	4813
Bunnett, L. E.....	2131
Bunning, W.....	3794-5
Bunt, J.....	4428
Burbank, H. R.....	3966
Burch, Mrs. F.....	1697
Bureau of Natl. Aff., Washington, D. C.....	486
Burke, A. D.....	4043
Burke, E. M.....	2748
Burkhardt, G. E.....	420
Burkholder, P. R.....	1092-3
Burkitt, W.....	2523
Burlison, W. L.....	186, 1211
Burns, F. W.....	326, 2420
Burr, M.....	3627
Burrell, A. B.....	867, 3664
Burrell, R. C.....	1021
Burroughs, R. J.....	4939
Burrows, F. W.....	1038
Burrows, W. H.....	3313
Burton, D.....	4509
Burton, M. G.....	1042
Burton, W. G.....	4342
Busenburg, E. B.....	4622
Bushnell, J.....	277
Bushnell, L. D.....	2760-1
Busquet, E. G.....	2369
Busse, M.....	502
Butler, E.....	1175, 1195
Butler, M.....	4143
Butt, F. H.....	272
Butz, E. L.....	4727

C. S. I. R. Irrig. Res. Sta., Griffith, New South Wales.....	5319
Cabal Martinez, E.....	1143
Cabeen, V. A.....	649
Cabo de Vila Parodi, L....	3198
Caceres y Martínez, A. R..	2458
Cadbury, W. W.....	1414
Cadena Garzón, F.....	4814
Caffyn, J. E.....	4116
Cagle, A. J.....	4258, 4563
Cagle, F. W., Jr.....	3120
Cahn, R. S.....	3117
Cailloux, M.....	1005
Cain, R. F.....	788
Cain, S. A.....	713
Caja de Retiro y Asisten- cia Social de Obreros y Empleados de la Indus- tria Azucarera.....	5324
Calatrava Alfaro, A....	967
Calderwood, A.....	4166
Caldwell, E.....	217
Caldwell, H. B.....	5123
Caldwell, J.....	1592
Caldwell, J. S.....	3499
Caldwell, M. J.....	2253
Caldwell, N. E. H.....	3118
Caldwell, R. M.....	916, 4429
Caldwell, T. P.....	4221
Cale, G. H.....	3199
Caletti, A. M.....	5124
Calhoun, P. W.....	1022
Calicis, P.....	3200
Calif. Agr. Col. Ext. Serv.....	329-30
Calif. Agr. Expt. Sta.....	219-21
Calif. Univ. Bur. of Pub. Admin.....	4746
Call, H. M.....	1823
Call, L. E.....	2346
Callahan, E. M.....	431-3
Callaway, J. L.....	5196
Callison, C.....	2102

Item	
Calvery, H. O.....	3119
Calvet, E.....	1056
Calzecchi-Onesti, A.....	615
Camberos, H. R.....	2290
Cameron, D.....	4901
Cameron, N.....	3805, 4510
Cameron, W. S. F.....	4749
Caminha Filho, A.....	1272
Campbell, G. A.....	3182
Campbell, H. L.....	2679, 5259
Campbell, H. N.....	2371
Campbell, R. E.....	3500
Campbell, R. L.....	3062
Campbell, R. S.....	2421
Campbell, W. D.....	288
Campbell, W. M.....	1593
Camperchioli, E. E.....	2291
Campillonch, I.....	3967
Campos R., F.....	647
Canaan, C.....	1260
Canada. Bur. of Statis. Census of Indus. Gen. Manufactures Branch.....	532
Canada. Dept. of Agr. Div. of Ent.....	3162
Canadian Libr. Council.....	481
Canal, C. M.....	3968
Canavesi, A.....	2727
Canessa, C. J.....	3969
Cañizo, J. del.....	3615
Canning, J. B.....	4815
Cannon, P. R.....	5232
Cano, R.....	3078
Canterbury Chamber of Com. 1231	
Capuler, B.....	1885
Carbonell, A.....	2235
Card, L. E.....	2808
Cardozo, F. M.....	3970, 4707, 5017
Carey, H. D. T. See Tupper-Carey, H. D.	
Carey, S. W.....	1970
Carleton, R. M.....	1594
Carlheim-Gyllenskiöld, B.. 4902	
Carlin, G. T.....	4538
Carmichael, D. G.....	4167
Carmichael, E. B.....	2592
Carnevale, J. A.....	810, 1313, 1396
Carney, M.....	5047
Carnovsky, L.....	487
Carolus, R. L.....	231
Carpenter, G. A.....	3882
Carpenter, G. D. H.....	3449
Carr, E. G.....	3201
Carr, R. B.....	21
Carrante, A.....	496
Carrere Sapriza, J.....	5125
Carrick, C. W.....	2723, 2743
Carrigan, J. E.....	5048
Carroll, D.....	1751
Carroll, E.....	3202-3
Carroll, J.....	932
Carse, G. M. D.....	3079
Carson, G. V.....	3971
Carter, A.....	3361
Carter, A. S.....	4630
Carter, D. G.....	3806
Carter, J. E.....	1108
Carter, R. M.....	3074
Carter, W.....	3501-2
Casablanca, J. L.....	4642
Casares Perez, E.....	811
Casement, D. D.....	2616
Cashmore, W. H.....	3713
Casimiro, J. de F.....	1752
Cassamagnaghi, F.....	2681
Cassebeer, F. W.....	1415
Cassell, R. L.....	3096
Castañeda Vega, R.....	1196
Castells Llanes, C.....	2617

Item	
Castillo, J. C.....	3176
Castro Biedma, P.....	2762
Castro E., J.....	4090
Castro y Coronel, J. B....	4671
Cater, J. C.....	1109
Cathala, A.....	489
Caton, H. F.....	1957
Ceballos, G.....	3530
Celora, A. T.....	4117
Central Vet. Soc.....	2292
Chadwick, L. C.....	1416-20, 2002
Chagnon, G.....	3503
Chamberlain, H. D.....	1958
Chamberlain, T. K.....	5265
Chamberlain, R. V.....	3362
Chambers, E. E.....	2372, 2459, 2636
Champagne, A.....	799
Champlain, A. B.....	3504
Chandler, A. C.....	3486
Chandler, J.....	4259
Chandler, N. W.....	3023
Chandler, S. C.....	3564
Chaney, G. G.....	4678
Chang, H. T.....	1006
Chang, T. S.....	968
Changy, B. de.....	489
Chapin, J. P.....	5306
Chapman, A. G.....	123
Chapman, D.....	5030
Chapman, E.....	5049
Chapman, H. D.....	1007, 1740
Chapman, H. L. R.....	714
Chapman, P. W.....	5050-1
Chapman, R. A.....	4044
Chappell, R. H.....	2592
Charles, T. B.....	2763-4
Chase, C. D.....	938
Chatterjee, B.....	4949
Chatterton, E. R.....	4168
Chandhuri, G. N. R.....	2305
Chauvin, R.....	579
Cheatham, R. J.....	4169
Chen, K. Y.....	3683
Chen, S. L.....	969
Cheo, C. C.....	868
Chercuite, V.....	3204
Chesley, C. H.....	1421
Chester, K. S.....	285
Chevalier, A.....	676, 1698
Chicago Univ.....	514
Libr. Inst.....	487
Chick, H.....	5233
Chieffi, A.....	2637
Child, R.....	4539
Childers, L. F.....	3205-6
Childs, E. C.....	1899
Chin, K. C.....	970-1
Chiu, S. F.....	3565
Choudhuri, H. C.....	952
Chouinard, L.....	3773
Chowdhury, S.....	2034
Christensen, L. M.....	3877
Christman, H.....	488
Chu, V. M.....	933
Chudinovskikh, A.....	2524
Cidrais, F. G.....	4389
Cifuentes A., J.....	2047
Cintalesi C., G.....	2422
Ciranna, C.....	2003
Claassen, C. E.....	263
Clapp, A. L.....	242
Clarence, B. V.....	1699
Clark, A. M.....	1422-3
Clark, B.....	2846
Clark, C. A.....	66
Clark, C. C.....	4760
Clark, C. H.....	542
Clark, D.....	1424
Clark, G. L.....	3120
Clark, H.....	3314

Item	
Clark, I.....	1197
Clark, J. A.....	1144
Clark, J. M.....	3916
Clark, M. W.....	1959
Clark, R. T.....	4215
Clark, S.....	1960
Clark, T. D.....	4816
Clarke, D. A., Jr.....	224-5
Clarke, M. C.....	4564
Clarke, R. H.....	5234
Clausen, C. P.....	3121
Clausendorf.....	2293
Claver Correa, D. I.....	3397
Clawson, J. E.....	2373
Clawson, M.....	4995
Clay, A. L.....	2294
Clay, E. W.....	11
Claybaugh, R.....	3074
Clayton, C. N.....	299
Clément, R.....	489
Clementi, A.....	1094
Clements, D. M.....	5052
Clepper, H.....	2226
Clinch, P. E. M.....	917, 923
Cline, L. E.....	2728, 2766-7
Close, A. W.....	1071
Cloutier, G.....	2048
Clowes, G. J.....	1099
Clydesdale, C. S.....	1595
Cobos de Arcos, J.....	2347
Coburn, J. L.....	3715
Cochran, H. L.....	231-2
Cochrane, V. W.....	1008
Cockayne, E. A.....	3566
Cockburn, W. M.....	1672
Cocker Spaniel Club of England.....	2579
Codoni, J. A.....	4118
Coe, M.....	3648
Cofer, E. S.....	468-9, 475-6
Coffey, J. S.....	4430
Coghill, R. D.....	1037
Cohoe, M. H.....	1961
Cohen, J.....	1425
Cohen, N. F.....	4996
Cohen, R. M.....	3859
Colby, W. G.....	1824
Cole, H. H.....	2460
Cole, L. J.....	2768
Cole, W. R.....	3831
Coleman, E.....	1700
Coleman, F. B.....	4144
Coleman, R.....	1176
Coleman, S.....	1426
Coles, R. S.....	5306
Coley, H. M.....	616
Collingwood, G. H.....	2080
Collins, F. S.....	3398
Collins, L. A.....	1427
Collinson, H.....	2682
Collisson, C. F.....	4739
Colo. Agr. Expt. Sta.....	222-3
Colo. State Col. of Agr. Ext. Serv.....	331-47
Colston, R.....	5007
Columbia River Basin In- terstate Water Forecast Com.....	202
Combes, L.....	4950
Cometti, F.....	5162
Common, M. A.....	715
Comstock, W. P.....	3567
Concannon, J. J.....	4940
Condigiani, J. R.....	2295
Condon, H. R.....	2059
Cone, J. F.....	2507
Congrès du Metayage, 1939. 489	
Conn, H. J.....	650
Conn. Agr. Col. Ext. Serv.....	348-9
Conn. Dept. of Agr. Bur. of Markets.....	4260



Item	Item	Item	Item
Conn. (Storrs) Agr. Expt. Sta.....224-5	Crawford, J. C.....3628	Darlington, E. P.....3571	Descole, H. R.....4624
Connell, W. E.....2423	Crawford, R. P.....5163	Darlington, H. R.....1434	Deslandes, J. A.....816
Connolly, R. G.....3716	Cray, R. E.....4571	Darlow, A. E.....288	Desmoulins, A.....489
Conrad, R.....4565	Creager, D. B.....812	Darlow, H. M.....3572	Detweiler, D. K.....2299
Consolazio, F. C.....5202	Crespo Serrano, J.... 2656	Darrah, L. B.....3695	Detwiler, J. D.....5267
Conus, D.....2978	Crile, L.....83-4	Darrow, G. M.....1376	Deuel, H. J., Jr.....5240
Conway, E. M.....4431-2	Crisler, O. S.....3063	Darrow, M. S.....650	DeVault, S. H.....4264
Cook, D. B.....953	Croce, F. M. 4262-3, 4344-5	Dasmann, W.....1219	Devos, A.....3505
Cook, G. C.....551	Crocheron, B. H.....4761	Datta, J.....956	Devore, P. T.....4313
Cook, J. E.....2729, 4566	Croizat, L.....737	Davenport, E.....334, 336-8, 341-3	Devoto, F. E.....2081, 2103
Cook, L. J.....1198	Crombie, A. C.....3123	Davenport, N.....1598	De Vries, A. H.....3454
Cook, O. M.....4433	Cromie, G. A.....2086	Davenport, R.....4679	De Wet, A. F.....1343
Cook, W. H.....3717	Cronin, F. D.....3860	Davault, L.....3401-2	Dewey, J. E.....3127-8
Cooksey, A. E.....3665	Cronk, L. M.....3124	Davidson, J. B.....3705	Dewey, R. L.....3884
Cooley, R. A.....3363	Cronquist, A.....738	Davidson, O. W.....1041	De Worms, C. G. M.....3573
Cooper, E.....1428	Cronshaw, C. J. T.... 4174	Davidson, W. A.....4631	Dexter, A. J.....4483
Cooper, J. F.....1131, 1199	Crosby, W. E.....2087	Davies, G. W.....3034	Dexter, S. T.....1095
Cooper, J. R.....1825	Crosier, W.....870	Davies, J. G.....4643	Deyell, M. J.....3208
Cooper, M. R. 4170-2, 4951	Cross, C. B.....292	Davies, J. L.....3997	Dhakmarwala, N. D.... 2305
Cooper, R.....1900	Cross, F. B.....288	Davies, W.....1203	Díaz Rodríguez, J.... 5018
Cooper, V.....3122	Cross, W. E.....1132	Davis, C. D.....242	Díaz Soler, A.....4709
Cope, J. A.....418	Crotch, W. A.....3207	Davis, C. H.....216	Dick, N.....2657
Copeland, J. T.....3832	Crouch, E. K.....304	Davis, D. E.....3629	Dickey, J. B. R.....1133
Copping, A. M.....5235	Crowson, M. M.....300	Davis, F. E.....4437	Dickins, D.....5241
Cora, F.....4119	Crowther, G.....4817	Davis, F. L.....1829	Dickinson, C. L.....2424
Corazon, F.....5316	Croy, O. C.....445	Davis, H. E.....2110	Dickinson, E. M.....2770
Corbin, F.....2254	Cruess, W. V.... 3932, 3976, 5237	Davis, H. P.....264	Dickinson, W. E.....4645
Corfe, C. E.....3568	Crummett, D. O.....1596-7	Davis, J. G.....4091, 4438	Dicks, W. J. H.....3315
Corkhill, R. W.....2109	Crusz, H.....2297	Davis, J. H.....5126	Dickson, J. G.....85
Corlett, D.....2847	Culbertson, C. C. 2996, 4959	Davis, M. B.....1289, 4346	Diemer, A.....5127
Corminboeuf, F.....1753	Cullen, M. T.....5054	Davis, V. H.....814	Dildine, S. C.....4496
Cornell, E. M.....4261	Cullen, W.....1201	Davis, W.....2155, 5056	Dillon, E. S.....3403
Cornell, T.....1332	Cullity, M.....3044	Davison, H.....437-8	Dillon, L. S.....3403
Cornell Univ.....5320	Culp, E.....4310	Davison, J. M.....2850	Dillon Weston, W. A. R.... 3425
Corporación Argentina de Productores de Carbon Vegetal.....2219	Cumberland, R. W.....5306	Dawson, G. T.....1830	Dimidiano, A.....1205
Corrie, F. E.....1826	Cumming, M.....1827	Day, D. I.... 1435, 3045, 4482	Dimock, W. W.....2526
Corrientes, Argentina. Universidad Nacional del Litoral. Facultad de Agricultura, Ganadería e Industrias Afines.... 560	Cummings, M. B... 3125, 3569	Day, G. E.....2525	Dingwall, A. C.... 4074, 4107
Corsar, K. C.....1429	Cummings, R. W.....1845	Day, H. G.....5239	Dinsmore, W.....2618
Cortazar Sagarminaga, R... 972	Cunha, E. R.....4434	Dayton, J. W.....4312	Dirks, H.....2591
Cortezzi, E. D.....2296	Cunha, T. J.....2442, 3073	Dayton, W. A.....740	Ditman, L. P.....3129
Cortes P., R.....3450-2	Cunningham, L. C. 4145, 4941	Deacon, G. E... 815, 871, 1831	Dixon, C. R.....3044
Corvisier.....2236	Cunningham, O. C.....268	Dean, A. L.....454	Dixon, E. W.....2376, 2986
Cosentino, J. A.....1314	Curanqui, U.....2050	Dean, J. D.....4175	Dixon, K. R.....2851
Costa, J. W. da.....4567	Curasson, G.....552	Debrieu, R.....3854	Doane, D. H.....3934
Costa, O. A.....1701	Curran, C. H.....3364-5	Dedrick, L.....420	Dobbins, T. N.....3414
Costello, D. F.....1200	Currie, C. R.....3666	Deeder, C. M.....5309	Doddridge, A. T.....1600
Cottam, W. P.....939	Currie, G. A.....5055	Deems, H. W.....4952	Dodds, C. L.....4046
Cotton, J.....1962	Curry, J.....2088	Deerr, N.....4644	Dodds, H. H.....4647
Couch, V. M.....2586	Curry, T. C.....4311	Defaye, J.....489	Dodge, J.....465
Coulter, G. T.....3649	Curtis, L.....328	Degener, O.....716	Dodge, J. C.....1601
Coutinho, M. C. P.... 3399	Curtis, R. W.....1430-1	De Gryse, J. J.....2118	Domingo, W. E.....974
Couture, C. E.....4966	Curtis Pub. Co. Res. Dept. 529	De Hosszu, M.....1259	Donagaray, F.... 4484, 5164
Cover, S.....303	Curtiss, W. M.....4435	De Kock, G.....2462	Donald, C. M.....4998
Cox, A. B.....4173	Cushman, R. A.....3531	Delaney, D.....1599	Donald, M. N.....2987
Cox, H. J.....2049	Gutak, L.....739	Del Agr. Expt. Sta. 226-7	Donery, J. A.....2070
Cox, H. R.....1184, 2035	Cuthbert, R. B.....2590	Del Univ. Agr. Ext. Serv. 350-5	Doney, C. F.....1438
Cox, L. G.....1009	Cyrus, W. F.....1202	Delbrück, M.....973	Donisthorpe, H.... 3404, 3533
Cox, R. W.....3925	Czettler, E. von.... 4818	Delfor Ferraz, H.....4680	Donnet, T.....2771
Craddock, G. W.....1949	Dack, G. M.....4499	Delisle, R.....2045, 2119	Donohoo, H. A.....445
Craft, W. A.....3033	Dahlberg, A. C.....3996	Dellepiane Galli, A. D.... 2627	Dore, W. G.....741
Cragg, J. B.....3453	Dahmen, H.....553	DeLong, W. A.....1754	Dorrance, A.....617
Craighead, F. C.....67	Daily, F. K.....793	Delorme, G.....2057	Dose, V. G.....4766
Craigie, J. H.....869	Daily, W. A.....794	Demchenko, A.....3024	Dossin, C. O.....3807-8
Crain, O. W.....1145	Daines, R. H.....813	De Ment, J.....3874-5	Doty, D.....5128
Cram, J. S.... 2848-9, 3000, 4501, 4568-70, 4903	Dakan, E. L.....2769	Demerec, M.....1024, 1061	Dow, G. F.....3998, 4762
Cramer, H. T. J.....4997	Dalbey, C. W.....3080	Demers, A.....1963	Dowd, L. R.....4092
Crampton, E. W.....3043	Dallas, E. D.....3400	Deming, G. W.....1274	Dowell, A. A.....4502
Crane, H. L.....5286	Dalling, T.....2298	Demodecs.....2305	Dowell, O.....5197
Crane, J. C.....1010, 1177	Dalma, G.....4623	Demolons.....1011	Dowling, A. V.....3209
Cranston, J. H.....4495	Dalrymple, G. H.... 1432	Denlinger, M. G.....2580	Downer, H. E.....1439-40
Cravioto B., R.....5236	Damonte, F. R.....2638	Dennington, A. R.....3933	Downey, J. E.....4391
Crawford, D. M.....4540	Dana, S. T.....2049	Dennis, F. M.....357	Downey, L. A.....3081
Crawford, F. W.....2374	Daniel, W. S.....4983	Dennison, H. E.....2375	Downs, P. A.....266
	Danks, F. M.....1433	Dennison, R. A.....1012	Dowsett, C. P.....5165
	Dannreuther, T.....3570	Dennison, W.....1204	Drage, C. M.....331, 347
	Dansereau, P.... 1828, 5287	Denton, W. B.....4390	Drake, V. C.....994
	D'Apice, M.....2461	DePetris, V. R.... 1436-7	Dreyer, J. A.....4904
	Darányi, B. von.... 3917	Derick, R. A.....1146	Driver, R. L.....2592
	Darby, H. H.....5238	Derr, E. B.....3718	Druce, J. G. F.....4648
	Dare, H. E.....1901-2		Drummond, J. C.....4872



Item	Item	Item	Item
Drummond, O. A.....817	Ellet, W. B.....232	Fabian, F. W.....4378	Fitts, J. W.....407,409
Drummond, W. C.....1013	Elling, C. G.....3026	Fabinyi, R.....4179	Fitzpatrick, W. H.....3724
Drummond, W. M.....4721	Elliott, F. A.....2948	Fässler, U.....3215	Flack, W. S.....4788
Drury, A.....2221	Elliott, F. P.....4886,5199	Fafard, A.....2046	Flanagan, G.....3936
Dublin, Nat. Mus. of Ire- land.....618	Elliott, H. G.....1147,1207, 2026	Fairbairn, L. L.....3668	Flanzy, M.....875
Dubost, P.....489	Elliott, J.....2527	Fang, C. T.....907	Fleck, E. E.....3133
Duck, R. W.....2463,2619	Elliott, N. R.....1444	Faravelli, A. C.....3906	Fleming, H.....4544
Dudley, R. H.....4728	Ellis, F. E.....1148,1208, 1804,1832,2730,2852, 4572-4,4819,4953	Farber, E.....2156	Fletcher, F. C.....3624
Duff, C. E.....2143	Ellis, L. B.....324	Farish, L. R.....231	Fletcher, H. R.....774
Duff, J. F.....4873	Ellis, M. G.....2377,2621, 3046,4000-1,4069, 4265,4347,4393-4,4503, 4632,4908,5059-61, 5166-7	Farley, A. J.....4314	Flexner, M. W.....4268
Duffy, D. J.....2005	Ellis, M. K.....1316	Farm Credit Admin. of New Orleans. Div. of Res..... 5008	Flindt, K.....2660
Duffy, E. A. J.....3405	Ellis, N. R.....2418	Farner, D. S.....3488	Flint, D. P.....3937
Dugan, S. V.....3935	Ellis, P.....4385	Farnsworth, Mrs. H.....2854-6	Floor, J.....1377
Duggan, I. W.....111	Ellis, R. H.....1445	Farnworth, C. H.....708	Florea, J. H.....2773
Duke, K. L.....2593	Ellison, L. A.....5306	Farrankop, H.....217-18	Florence, P. S.....5066
Duley, F. L.....1742	Ellison, W.....1209	Farwell, J.....477	Flores R., N.....595
Duncan, A. J.....663	Ellsworth, Von T.....4744	Fauber, H.....1151	Fla. Agr. Col. Ext. Serv.. 356-7
Duncan, C. H.....4943	Elmes, B. G. T.....3366	Faught, M. C.....4633	Fla. Agr. Expt. Sta.228-30
Duncan, O. D.....5057	Elsworth, C. W. T.....2378	Faulkner, R. P.....3840	Flory, V.....1318
Duncomb, M.....1441-2	Elton, J. W.....4765	Faust, H.....330	Fogg, J. M.....620
Dundas, J.....2104	Elvehjem, C. A.....2739	Fawns, H. T.....2468	Fohrman, M. H.....60
Dunham, W. E.....3210-12	Emanuel, V.....4750	Featherly, H. I.....283	Foley, H. S.....2120
Dunlap, G. H.....4187	Emerson, A. W.....3667,3706, 3721	Fedorchuk, V. P.....954	Folley, S. J.....2468,3003
Dunlap, H. G.....4763	Emerson, S.....975	Feiner, J.....3131	Fondovila, M. F.....3134
Dunne, T. C.....818	Emmel, M. W.....2853	Feinstein, L.....159	Foot, C. P.....1348
Du Plessis, A. J.....3918	Emmert, E. M.....1015	Fellers, C. R.....3947	Foot, N. H.....1290
Du Plessis, S. J.....819	Emmet, R. N., Sr.....4909	Fellows, A. B.....2684	Forbes, W. T. M.....3574-5
Duque, J. P.....1702	Emminger, A. C.....2639	Fellows, E. S.....2111	Ford, J. M.....1040
Duran M., L.....3406,3534	Emslie, L.....1833	Felt, M. E.....3216	Ford, W. H.....3671
Durham, W. L.....4905	Emür, O.....3214	Fenaroli, L.....619	Foreign Policy Assoc.....664
Dusseaulx, R.....638	Engene, S. A.....4766	Fender, K.....3407	Forgacs, J.....4348
Dutch Guiana. Agr. Expt. Sta.....603	Ensminger, M. E.....2442,4439	Fender, K. M.....3408	Forman, H.....4910
Dutcher, R. A.....3054	Epp, A. W.....4395	Fennah, R. G.....3506-8	Forman, L. V.....4681
Dutilly, Pere A.....717	Erdmann.....4820	Fensch, H. L.....502	Formozov, A. N.....823
Dutt, N. C.....5198	Erdmann, F.....2300	Ferguson, F. E.....2996,5230	Formabalo, M.....1378
Dutton, W. C.....820,1344	Erickson, E. L.....3722	Fernald, M. L.....719,743	Forster, E. H.....3725
Dvoichenko, I. I.....4764	Ericsson, C. O.....3650	Fernandes, C. J.....2305	Forstmann, C. E.....4181
Dye, M.....5242	Eriksson, S.....2658	Fernandez, F.....1347	Forsyth, D. D.....1016
Dyksterhuis, E. J.....1014	Erljman, M.....1805	Fernandez de la Fuente, V. 1602	Fort Wayne (Ind.) Food Distrib. Advisory Com.57
Eales, H. C.....4146	Escalante, R. D.....2528	Fernández Roque, M.....5168	Foss, J. O.....2774
Eames, T. A.....3720	Escobar, A.....1767	Fernandez Salazar, E.....2659	Foster, M. B.....1452
Eardley, C. M.....1206	Escritorio de Propaganda e Expansão Comercial do Brasil em Nova York.4176	Ferrari, A. J.....2467	Foster, R. E. D.....1834
Easlea, W.....1443	Escudero, J. A.....5062	Ferraro, M. A. S.....599	Foster, R. L.....4729
Eastwood, A.....742	Espinoza Toro, R.....822	Ferry, R. M., Jr.....2587	Foster, W. G.....1704
Eastwood, H. S.....3999	Esselen, W. B., Jr.....3724	Fethers, G.....2988	Fouchet, M.....489
Eberle, H. F.....4392	Essex, W. J.....3811	Fetrow, W. W.....5064	Fourie, P. J.....2348
Eckblad, I. M.....333	Eason, J. G.....677,1446,1524	Février, F.....2631	Fournier, Abbe O.....3503
Edees, E. S.....718	Estrada, M.....1149	Fey, J.....3217-19	Foust, H. L.....2301,5067
Edmond, J. B.....232	Eaty, J. R.....3723,5243	Fiadeiro, J.....4440	Fouts, E. L.....4047
Edmonds, C.....3885	Evans, E. H.....1275	Fiedler, A. C.....5009	Fowler, D. S.....5131
Edmonson, N. V.....2194	Evans, E. I.....5220	Field, A. M.....5065	Fowler, H. K.....1453
Edmunds, C. C.....2620	Evans, F. R.....939	Fife, C. V.....1780	Fox, F. G.....1319
Edmundson, W. C.....9,821, 1903-4	Evans, Sir G.....1593	Figueira, L. V.....5169	Fox, Mrs. M.....1454
Edwards, E. E.....3213	Evans, J. B.....1210	Figueiredo, J. M. de.2255, 4575	Frampton, D. B.....2164
Edwards, J.....568	Evans, J. H.....1447	Figueiredo, R. de.....1451	Francis, A. L.....1603
Edwards, M.....1004	Evans, O. O.....2683	Figueroa, E. de.....4710	Francis, M.....3135
Edwards, P. R.....2772	Evans, O. R.....2237,2379-81, 3886,4002-3,4177, 4266,5063,5130	Fike, A. J.....3669	Frank, R., Jr.....2949
Edwards, W. H.....3130	Evans, R. M.....2052	Finch, A. H.....1317	Franklin, T. B.....651
Egdell, J. W.....4041	Evans, W. S., Statis. Serv.....490	Findlay, H.....3670	Frantz, R. S.....4049
Egehoj, J.....2464	Eveleth, D. F.....3001	Finley, H. E.....2768	Franz, G.....502
Eggers, E. R.....1315	Everett, C. K.....4178	Finnell, H. H.....1964	Fraps, G. S 232,307,1096, 1755,2007
Egli, C.....3025	Everett, P.....872	Finnerty, F.....420	Fraser, F. C.....3630
Egorov, I.....2006	Everett, T. H.....1448	Firor, J. W.....4968-9	Fraser, H.....1349
Eheart, J. F.....231	Ewing, H. E.....3367	Fischer, G. W.....874	Fraser, F.....2857
Eichler, W.....3487	Ewing, J. T.....4967	Fischer, H.....4120	Frau-Sanna, F.....554-5
Eide, C. J.....908	Ezekiel, M.....40-1	Fishbein, W.....5200	Fray, J. M.....2469
Eifert, V. S.....789	Ezekiel, W. N.....873	Fisher, A. H.....4267	Frazier, N. W.....221
Einerson, W. J.....2465		Fisher, A. J.....3887,4180	Free, M.....1455
Eke, P. A.....5058		Fisher, C. D.....3132,4362	Freedman, R.....1237
El-Chazli, R.....1260		Fisher, C. E.....1673	Freeman, H. A.....3576
Elder, C.....3063		Fisher, G. M.....1703	Freeman, S.....5132
Elder, C. R.....1345,3035		Fisher, J. R.....3002	Freeman, T. R.....4047
Eldredge, I. F.....2051		Fisher, R. A.....3461	French, A. P.....250
El Hagri, M. A. A. M.....2466		Fisher, R. C.....2144	French, C.....3631
Elias, M. K.....1779		Fisher, W. H.....2382	French, E. R.....4269
Elijah, H. D.....3036		Fisher, W. W.....3409	French, F. H.....2950
			French, J. J.....1150-1
			French, M.....1456



Item	Item	Item	Item
French, M. H.....2731,3047	Genung, A. B.....2	Goodwin, R. H.....621,744	Guevara, J. M.....877
Frete Lopez, R.....5288	Genung, E. F.....4060	Goodwin-Wilson, R.....1806	Guevara C., E.....1837
Frey, F. C.....5026	Ga. Agr. Col. Ext. Serv... 358	Goor, A.....1320	Gugowa, A. D.....4912
Friend, Mrs. W. H.....678	Ga. Agr. Expt. Sta...231-2	Gordon, G. G.....4911	Guha, R. C.....1103
Frischnecht, C. 4121,4576	Gerardin.....489	Gordon, M. D....2779,2859, 3005	Guilbert, H. R.....2532
Frost, S. W.....3455	Gerdes, F. L.....161	Gordon, P. E.....428	Guillaumin, A.....622
Fryd, C. F. M.....4577	Germany. Wehrmacht. Ober- 556,652	Gordon, R. F.....2780	Guise, C. H.....1111
Frye, J. C.....1745	kommando.....556,652	Gorham, R. P.....3580	Gum, O. B.....1021
Fudge, J. F.....1096	Gersdorff, C. E. F.....1458	Gorman, M. J.....1213	Gunina, L.....5070
Fuelleman, R. F...186,1211	Geslin, H.....1011	Gorrie, C. J. R..2643,3641	Gunson, M. M.....3413
Fuenzalida Villegas, H.... 5289	Gessner, A. L.....4771	Gorrie, R. M.....1967	Gunther, F. A.....3138
Fuller, A. H.....311	Getson, S. F.....1606,1707, 2053,3411,4093,4184, 4336,4634,4942	Goss, A. S. ....3919	Gustafson, A. F...414,3710
Fullerton, A.....4821	Geyer.....1607	Gould, I. A....4048-9,4122	Guthrie, C.....3728
Fullerton, F. H.....5290	Ghose, R. L. M.....956	Gowa, J. H.....3642	Gutiérrez C., J. J....1321
Fulling, E. H.....679	Ghosh, S.....4683	Gowen, J. W.....977	Gutsell, R. J.....919
Fulton, J. F.....2594	Giacomi M., V.....1608	Gradin, H.....3703	Gwaltney, E. O.....4188
Fults, J. L.....1673	Gianferrari, L.....653	Graf, G. C.....2531	Gyle-Thompson, H.....2951
Furlani, J. A.....4315	Gibson, E. P.....1609	Graham, C.....374-5,3581	Gyllenskiöld, B. Carlheim- 5312
Furlong, J. R.....4485	Gibson, S. J.....2641	Graham, E.....3006	See Carlheim-Gyllen- 5312
Fyg, W.....3221	Gibson, W. L.....4943	Graham, E. H.....4497	skiöld, B.
Fynn, C. A.....1965	Gibson, W. L., Jr...4999	Graham, M. D.....558	Håkansson, R.....5312
Gabby, J. L.....4541	Gicquel, M.....581	Graham, P. H.....2137	Haag, H. M.....4875
Gable, E. S.....580	Giddings, V. P., Jr...4185	Graham, R.....2478,3064-5	Haag, J. R.....2443
Gable, Mrs. R.....1457	Gieger, M.....231-2	Graham, R. M.....1110	Haak, P.....3938
Gade, P.....3905	Gil Collado, J.....3456	Graham, W.....4825	Haas, V. H.....3489
Gaessler, W. G.....999	Gilbert, C. S.....4375	Grajdansev, A. J.....4711	Haasis, F. W.....683
Gage, C. E.....160	Gilbert, F. W.....2858	Granda Aspra, J. A....2385	Habeeb, H.....790
Galer, C.....4578	Gilbert, S. G.....1038	Grandfield, C. O.....243	Haberly, M.....359-60
Gallegher, P.....2213	Gilbert, S. M.....2529	Grandori, R.....582	Hackney, H. H.....5025
Gallia, F.....2640	Gilchrist, G.....4186	Grandstaff, J. O.....4160	Haddon, C. B.....4189
Gallie, J. G. E.....3004	Gile, B. M.....5133	Grange, C.....2860	Hadlington, E....1214,2864
Gallup, C. M.....1836	Gile, P. L.....1756	Grant, C. G. F.....5069	Haggerty, J. J.....4829
Gallup, W. D.....288	Gileadi, D.....1610	Graves, H. C. H.....5244	Hake, H. B. E.....4625
Galofre, E. J.....2775	Gillespie, I. F.....4970	Graves, M.....4826	Halbrook, E. R.....2865
Galvão, J. M.....3410	Gillham, J. R.....5068	Graves, R. R.....2507	Hale, F.....3082
Galvis, J.....1178	Gilliam, C. E.....1291	Gray, E. G.....876	Hale, R. W.....2687
Gamble, R.....3316	Gilliam, S. K.....5019	Gray, M. E.....2781	Hall, C. K.....1968
Gamero Robles, A. M..2776, 3809	Gilligan, G.....2685	Gt. Brit. Min. of Agr. and Fisheries...918,1676,3222	Hall, D. F.....1462
Gangulee, N.....491	Gilyard, R. T.....2642	Gt. Brit. Tech. Mission 3729	Hall, D. M.....3729
Garayar, H. N.....1705	Gingles, R.....3841	Appointed to Advise on 4768	Hall, F.....4768
Garber, R. J.....976	Ginkul, P. G.....1708	Prod. of Artificial 3651	Hall, F. L.....3651
García Barran, M.....4822	Girard, H.....2402,4958	Fert. in India.....639	Hall, J. B.....1463
García Cruz, M.....4682	Gioux, L. A.....2045	Green, J.....1019	Hall, J. W.....1379
García Isidro, M.....4984	Glabau, C. A.....4579	Green, P. L.....4827	Hall, M. D.....3810
García Llorens, F.....2777	Glaser, K.....557	Green, T. C.....2470	Hallbrook, E. R. See 5312
García Romero, A.....3833	Glance, G.....3632	Greene, E.....1460	Halbrook, E. R.
García-Tejero, F. D...1905	Glavin, J. J.....1276	Greene, S.....4543	Hallman, L. F.....5240
Garcilaso, R. A.....5292	Glover, J. S.....2778	Greene, S. E.....5031	Ballows, R. J.....2866
Gardie, P. de la.....1638	Glover, R. C.....2596	Greenway, P. J.....682	Ballnan, E. T.....3048
Gardiner, C. H.....492	Gobbato, C.....1179,1709	Greenwood, A. W.....2782	Ramalainen, C.....303
Gardner, C. A.....1675	Gobecia S. A. Industrial, 4542	Greer, E. N.....1020	Hamilton, D. G.....1146
Gardner, M. E.....1605	Comercial.....4542	Gregg, A. L.....3223	Hamilton, D. W.....3582
Gardner, V. R.....1350	Goddard Washington Serv., 5321	Gregory.....4203	Hamilton, F. W.....4108
Garlick, N. L.....2595	Inc.....5321	Grensted, L. W.....3097	Hamilton, J. M.....843
Garrard, W. M.....1182	Godden, W.....2256	Greve S., G....2386-7,2471	Hamilton, R. J.....1906
Garrido Lozier, O....3726, 3972-4,4300,4349,5310	Godley, R.....2530	Grey, C. G.....2783	Hamilton, T. K.....4076
Garrigus, W. P.....2418	Godolphin, F. R.....5306	Grierson, P. S.....3318	Hamilton, T. R.....306
Garry, H.....3727	Godshalk, C. E.....1459	Griffin, H. P.....2784	Hamilton, W. M.....4004
Gartrell, F. E.....3485	Goettler, B.....1261,2425	Griffith, C.....2861	Hammarckjöld, B.....4876
Garwood, O.....2008	Goettler, W.....1966	Griffiths, T. A.....784	Hammerberg, D. O.....225
Gasnier, A.....2631	Goff, C. C.....5280	Griilo, H.....4828	Hammond, J....2238-9,3007
Gasparin.....4954	Gois, E. R.....3412	Grillot, G.....5311	Hammond, R. A.....558
Gates, F. H.....3577	Goldblatt, L. A.....34	Grinstead, W. T.....559	Hampson, E. K.....1215
Gattefossé, J.....1706	Goldsby, A. I....2774,3001	Grisolia, E. H.....2862	Hancock, F.....53
Gattoni, L.....1212	Goldschmidt, R. B....3457	Grist, E. A.....2644	Hand, C. H.....4138
Gaunt, S. M.....2383	Gomes, J. A. P.....3579	Groat, R. A.....2597	Hand, J., Jr.....4190
Gauthier, G.....3578	Gomez, M. R.....4823	Groff, Mrs. F. C.....1461	Handley, R. D.....3907
Gauthier, R.....955	Gomez, O. J.....2302	Groh, H.....741	Hankinson, H.....1464
Gautreau, J. J.....4526	Gomez Amorocho, R....2054	Grosch, D. S.....3535	Hanks, E. K.....4769
Gauvreau, M.....680	Gómez Marzheimer G....4824	Gross, D. L.....408	Hansen, E. L.....3855
Garoty, B.....489	Gonzalez, F.....1017	Gross, F. C.....1152	Hansford, C. G.....825
Gay, M. C.....112	Goodall, D. W.....1018	Grout, G. P.....2661	Hanson, N. S.....408
Gaztambide, J. B.....1129	Goodall, G.....654	Grover, E. B.....4187	Hanson, S. W. F.....4577
Geddes, G. W.....2384, 4396,4504	Goodban, J. W. D....4649	Grummitt, O.....4544	Hansson, N. B.....2230
Geisler, F.....681	Goodell, F. H.....2089	Grundström, S.....4767	Harding, L. W.....4486
Gelles, B.....4183	Goodell, H. R.....128	Gschwind, J. J.....5134	Hardy, F....4473,4519,4650
Gemignani, E. V.....3136	Goodfellow, W.....4075	Guadagnin, L.....1611	Hardy, G. H.....3458-9
Gennari, G.....530	Goodhart, R. S.....5201	Guard, S. R.....5293	Hardy, S.....1838
	Goodhue, L. D.....3137	Guba, E. F.....824	Hare, J. E.....3460
	Gooding, S.....3317	Gubin, A. F.....1180	Hargrave, E.....2426
		Guendulain.....4350	Harkness, D. A. E....3878



Item	Item	Item	Item
Harlan, C. L.....4441, 4527	Hellings, M. L.....1469	Hirshfeld, A.....2734	Howard, R.....445
Harlan, P. W.....1886	Helliwell, E. H.....4193	Hiscocks, D.....2214	Howe, E.....245
Harland, S. C.....1216	Hendershott, R. A.....2474	Hitchcock, J. A.....4773	Howell, A. B.....655
Harman, L.....4730, 5135	Henderson, D. C.....452	Hitchner, E. R.....2787	Howell, H. A.....2071
Harman, S. W.....3583-4	Henderson, F. Y.....604	Hitchner, L. S.....3140	Howell, J. T.....747
Harmon, E. M.....4077	Henderson, G.....1470	Hixson, E.....3141	Howell, O. B.....3590
Harmon, G. D.....5294	Henderson, G. B.....4830	Hjertstrand, A.....2113	Howes, H.....2736, 2872-5
Harper, E. A.....2194	Henderson, H. B.....4005	Hoar, W. S.....1086	Howie, G. W.....4832
Harper, R. M.....745	Henderson, H. O.....4006	Hoberg, R. H.....5073	Howland, J. E.....1476
Harrington, J. B.....4094	Hendren, M. Z.....5072	Hobson, A.....500	Hribar, L.....2953
Harrington, L.....1613, 5071	Hendricks, F.....4770	Hochbaum, H. W.....92	Hua, H. N.....979
Harris, A. H.....3224	Hendrickson, B. H.....1840	Hochberg, N.....1380	Hubbard, J.....3321
Harris, C. E.....4580	Hendrickson, G. O.....826	Hockett, R. C.....4651	Hubbard, W. W.....2539
Harris, E. E.....127	Hendrix, G.....3732	Hocking, G. M.....1711	Huber, H.....1382
Harris, H. C.....1022	Hendrix, J. M.....2536	Hodges, L. M.....3943	Hubert, E. E.....2157
Harris, L.....2303	Henin, S.....1743	Hodgson, R. E.....60	Hucker, G. J.....2476
Harris, R. S.....5236	Henke, L. A.....234	Hoefler, J. A.....288	Hudelson, R. R.....5010
Harris, S. E.....533	Henley, H.....4443	Hoerner, J. L.....331	Hudson, J. F.....4197
Harrison, G. R.....3673	Hennessey, J. F. Jr.....5171	Hofer, P.....3231	Huebner, R. A.....4498
Harrison, J.....2388	Hennessey, R.....1471	Hoffer, C. R.....5074	Huerta, A. de la.....1181
Hart, E. B.....2739	Henning, W. L.....3019	Hoffer, C. N.....1841	Huff, D.....656
Hart, G. H.....2532	Henry.....3368	Hoffman, M. B.....1351	Huff, F.....656
Hart, V. B.....4731	Henry, G. M.....3617-21	Hoffman, W. H., Jr.....1217	Huff, W. C.....1844
Hartard Ebert, M.....4442	Henry Mill & Timber Co. 605	Hoffmann, E.....2870	Huffaker, C. B.....3491
Hartley, M. L.....267	Hensel, E. L.....5137	Hoffmann, H.....1381	Huffman, C. F.....2428-9
Hartman, J.....1839	Hensley, H. C.....3941, 4771	Hofsten, C. G. von.....1677	Huffman, R.....2220
Hartman, W. F.....3730	Hensley, O.....5295	Hogan, A. G.....2427, 3084	Hughes, C. E.....2688
Hartzell, A.....3165	Hepler, J. R.....1614	Hogan, M.....2871	Hughes, E. H.....2240
Harvey, J. E.....2989	Hepting, G. H.....6, 173	Hogg, D.....4331	Hughes, H. D.....1970, 1974
Harvey, J. R. 493, 2732, 4581	Herb Soc. of Amer.....1838	Hohl, L. A.....3976, 5237	Hughes, J. S.....2253
Harvey, N. P.....1465	Herbert, G.....4194, 4971	Holberton, R. W.....5138	Hughes, L. W.....5032
Haseltine, Mrs. E. E. 1466	Hernaez, J. B.....2868	Holcombe, P. L.....3232	Hughston, T. H.....4548
Haskel, M.....3939	Hernandez, C. R.....3975	Holdaway, F. G.....3142	Hull, A. C.....1234
Haskins, J., Jr.....4545	Herre, A. W. C. T.....5296	Holden, A. E.....3774	Hull, J. T.....5139
Hasselstrom, T.....2195	Herrera, F. L.....1710	Hollaender, A.....978, 1024, 1061	Hull, R.....920-1
Hassid, W. Z.....4684	Herriot, R. I.....1972-3	Holland, H.....3233	Humbert, J.....1219
Hasson, R.....2472-3	Herrod-Hempsall, W.....583	Holle, A. H.....2514	Humberto Costa, M.....560
Hatch, R. D.....2598	Hershcovitch, E.....1302	Hollinger, M. E.....231	Humphrey, A. P.....4444
Hatfield, S.....1467-8	Hershey, N.....3862	Hollis, L.....1474	Humphrey, R. R.....940
Hathaway, I. L.....264	Hertig, M.....3461	Holloway, J. W. T.....4123	Humphreys, G.....466-7
Hatzfeld, G.....2952	Hervey, J.....2622	Holm, G. E.....60	Humphreys, G. H. W.....4514
Hauge, S. M.....2723, 2743	Heseltine, M.....15	Holman, C. W.....4546	Humphreys, W. S.....1616
Haughey, L.....3319	Healop Harrison, J. W.....3586-8	Holman, G.....3734	Hunkeler, M.....3235-6
Haughey, L.....3225	Hess, A. D. 3490, 3492, 3496	Holmes, G. A.....4831, 5268	Hunt, E. M.....1352
Hausmann, K.....3861	Hess, L. S.....4772	Holscher, C. E.....1025	Hunt, I. V.....1907
Hawaii. Agr. Expt. Sta.....233-4	Hester, J. B.....827	Holt, D. H.....1218	Hunt, K. W.....748
Hawker, H. W.....4191	Hester, J. P.....746	Holton, C. S.....314	Hunt, L. W.....317
Hawkes, M. E. 1887, 2533, 4270	Heth, S. C.....4195	Home, L. C.....1475	Hunt, P. J.....128
Hawkins, L. A.....1969	Hetrick, H. F.....4078	Homesky, H.....5269	Hunt, R.....1284-5
Hawkins, P. A.....2785	Hetzer, H. O.....3037	Honeywell, E. R.....4685	Hunt, R. E.....2431
Hawkins, R. S.....216	Heuberger, J. W.....2000	Honig, P.....4626	Hunt, T. E.....749
Hawley, I. M.....3414	Hewitt, E. S.....91	Honorio Bossio, J.....4274	Hunter, A. W. S.....1477
Haydak, M. H. 386, 3226-7	Heyne, E. G.....242	Hood, E. G.....4050	Hunter, G. W., III.....659
Hayden, C. C.....276	Hiatt, S. W.....4273	Hooker, E. R.....4913	Hunter, W. N.....427
Hayes, J. B.....2867, 4582	Hickin, N.....3139	Hooper, A. T.....2538	Hupka, E.....557
Hayner, N. S.....2121	Hickman, B.....2145	Hope, S.....4914	Hurd, A.....3674, 4833
Hays, F. A.....251	Hicks, G.....4985	Hopkins, A. G.....4547	Hurd, T. N.....4774
Haystead, L.....494	Higbee, E. C.....1781	Hopkins, D. P.....1842	Hurd, W. B.....4972
Hazel, L. N.....2992, 4223	Higbee, H. W.....3733	Hopkins, J. C. F.....828	Hurlburt, W. E.....2689
Headstrom, R.....3098	Higgins, F. H.....4397	Hopkirk, C. S. M.....2475	Hurpin, J.....584-5
Healy, P. F.....3731	Higgins, L. J.....1153	Hörberg, Y.....2036	Hurst, F. J. 4915, 4944, 5075
Heath, M. E.....1970	Higgins, T. C.....2869	Horn, C. M.....4751	Hurtubise, J. A. P.....4398
Heatherington, D. F.....5170	Higgs, C.....2537, 3674	Horn, F. D.....221	Hurwitz, S.....1155
Heaton, E. B.....4583	Hignett, S. L.....2496	Horner, M. M.....34	Husfeld, B.....1383
Heck, M. C.....3940	Hilbert, F. L.....4513	Horriggan, L. A.....3863	Hustrulid, A.....3960
Hector, J. M.....4271	Hilder, M. H.....3942	Horse and Mule Assoc. of Amer.....2615	Hutcheson, T. B.....1845
Heebink, G.....2534	Hildreth, A. G.....3229	Horowitz, B.....1026	Hutchins, A. E.....1617
Heermans, M. F.....1127	Hill, A. F.....1615	Horstmann, D. M.....3481	Hutchinson, H.....4079
Heetebry, P. T.....2979	Hill, D. C.....2733	Horton, D. C.....4732	Hutchinson, J. B.....1020
Heffernan, C. A.....5136	Hill, E. C.....1472	Horton, D. H.....2735	Hutson, L. R.....3811
Heidendahl, N. M.....4192	Hill, L. H.....1473	Horvath, S.....3962	Hutson, R.....3143
Heimpel, L. G.....1971, 4512	Hill, W. E.....4877	Hosierman, W. H.....4147	Huttar, J. C.....4584
Heinicke, A. J.....4272	Hillier, J. C. 288, 290, 3059	Houdelot, C.....2304	Huttenlacher, F.....1478
Heinrich, C.....3585	Hills, O. A.....68	Houdiniere, A.....4008	Hutton, E. M.....922
Heit, C. E.....1023	Hine O'Leary, E.....3626	Hough, W. S.....3589	Hutton, J.....2690-3
Heitzmann, P.....1097	Hinshaw, W. R.....2786	Hourigan, C. A.....2503	Hyde, E. O. C.....1220
Hellbach, R.....4221	Hinton, H. E.....3415-16	House, C. A.....2581	Hyde, E. A.....1027
Hellbo, E.....4330, 4635	Hinton, S. A.....2454	Houston, S. N.....4196	Hyde, R. E.....5026
Hellbusch, C. E. 2535, 2990	Hipp, N. J.....4221	Hoveland, N.....1154	Hyler, J. E.....2132, 2215
Heller, H.....3228	Hirsch, D. E.....4007	Howard, Sir A.....1843	Hyre, F. M.....4745
Heller, V. G.....288			Hyson, C. D.....4275



Item	Item	Item	Item
Idaho. Agr. Col. Ext. Serv.....359-63	Jennings, C.....298	Karpinski, V.....4986	Klotz, L. J.....1033
Idaho. Agr. Expt. Sta.....235-6	Jennings, W. H.....2185	Katkoff, V.....4515	Klugh, R. H.....1977
Idtse, F. S.....2389	Jensen, D. D.....3510	Kauffman, R. E.....2582	Knapp, I. E.....34
Iglesias Selgas, C.....4445	Jessness, O. B.....4752, 4878	Kaura, R. L.....2305	Knapp, J. G.....2009
Ihrig, H. G.....1479	Jessup, J. G.....3322	Kay, H. D.....2430	Knapp, J. V.....2307
Ill. Agr. Col. Ext. Serv.....364	Jeter, F. H.....4200	Kaye, M. A. G.....4558	Knapp, R.....3643
Ill. State Geol. Survey...2030	Jewett, L. M.....3038	Keating, L. A.....3677	Knaus, K.....1846, 2010
Ill. State Vet. Med. Assoc. Spec. Com. on Dis. of Baby Pigs.....3074	Jimenez, M. A.....5237	Kecsö, S.....3865	Knebusch.....1888
Ill. Univ. Col. of Agr. 534	Jiménez, M. F.....4955	Keeling, J.....3736	Knight, E. B.....5082
Imhof, A. H.....2390	Jodon, N. E.....1156	Keener, R. L.....1293	Knock, F.....1489
Immer, F. R.....684	Johannesen, G.....5077	Keet, J. D. M.....2072	Knoop, C. E.....276
Imperial Mycol. Inst., Kew 623	Johanning, A.....1481	Kehrlein, O.....1910	Knouse, M. E.....4316
Ince, E. B.....2645	Johanning M., L. A....3083	Keil, H. L.....298	Knowles, F. W.....3738
India. Dept. of Com. 2196, 3509, 3864, 3977, 4198-9, 4446, 4652, 5322	John, W. W.....1975	Keilholz, F. J.....3039	Knowlton, H. S.....4203
India. Imp. Council of Agr. Res. Advisory Bd....495, 4371	Johns, C. K.....4051	Keiper, E.....1483	Knox, J. H.....2541
Indian Vet. Jour.....2305	Johns, E.....3145	Keiper, J. J.....2980	Knutson, R.....3246
Ind. Agr. Expt. Sta.....237	Johnson, A. G.....85	Keith, R. W.....1716	Knutsson, G.....1225
Ind. Draft Horse and Mule Breeders Assoc.....237	Johnson, A. S.....3462	Keller, C. O.....941	Kobel, F.....1356, 3248
Ind. (Purdue) Univ. Agr. Ext. Serv.....365-71	Johnson, C.....1807	Keller, H. R.....4223	Koberg, C. W.....3010
Ind. Stallion Enrollment Bd.....237	Johnson, C. M.....3876	Kelley, D.....4587	Kobystin, F. A.....2116
Ingerson, H. G.....3675	Johnson, G. N.....3653	Kellogg, P.....2198-9	Koch, A.....1490
Ingham, A. G.....1221	Johnson, H. A.....3494	Kelly, E. G.....3842	Koch, H. C.....4400
Ingham, I. M.....461	Johnson, H. B.....5020	Kelly, G. W.....942, 1484-5	Kodicek, E.....5246
Ingwalson, K. W.....94-5	Johnson, J. A....4413, 4895	Kelly, H. V.....3240	Koffler, K.....3920
Instituto Técnico Agrícola Henequenero.....1713	Johnson, M. G.....2877	Kelsey, J. M.....3099	Kogane-Charles, M....1084-5
Iowa. Agr. Expt. Sta.....238-41	Johnson, R. E.....5202-3	Kelty, R. H.....3241	Koger, M.....2541
Iowa Vet. Med. Assoc.....2477	Johnson, S.....4080	Kendall, W.....4836	Kohl, K.....3067
Isacson, B.....3676	Johnson, S. E.....4879-80	Kennedy, A. C.....3678	Kohls, G. M.....3363
Isenberg, I. H.....1112	Johnson, T. N.....2112	Kennedy, R.....5255	Kok, E. A.....2259
Italy. Consorzio Generale per la Bonifica e la Trasformazione Fondiaria della Capitanata.....496	Johnson, W.....4776	Kent, S.....1486-7	Kolbe, E. L.....2122
Jaboolian, A.....596	Johnston, A.....4201	Kent-Jones, D. W.....5245	Kolbe, F.....535
Jack, J. A.....3144	Johnston, C. N.....219	Kenworthy, A. L...829, 1355	Kolgyary, L.....3888
Jackson, A. D.....305	Johnston, H.....5078	Kenya Colony and Protectorate Dept. of Agr.....558	Kolfasev, F. E.....5313
Jackson, F. W.....5076	Johnston, J. C.....1908	Soil Conserv. Serv...640	Koller, E. F....4009, 4752
Jackson, L. W.....6	Johnston, M. G.....1384, 2878-80	Kerek, M.....4837	Kollmorgen, W. M.....5033
Jackson, P. M.....3813	Johnston, M. O.....1618	Kerlikowske, E. L....4278	Kolyshkina, N.....2391
Jackson, R. J.....3652	Johnstone, E. A.....4081	Kerlin, D. L.....2478, 3065	Kononova, M. M.....1783
Jackson, R. W.....4221	Jones, C. D.....2788	Kernan, H. S.....2158	Konst, H.....3068
Jacobs, M. R.....1292	Jones, D. D.....4834	Kerr, J. M.....4052	Kornahrens, J.....3049
Jacobson, L.....1028	Jones, D. F.....1619	Kerr, W. R.....2479	Korobkov, I.....4777
Jacques, J. E.....878	Jones, E. E.....4351	Kevan, K.....3417	Korolev, D.....4401
Jahn, E. C.....2197	Jones, E. L.....2610	Kiene, Mrs. J.....5204	Koscinski, M. E.....1114
James, A.....3237	Jones, G. H. G.....2014	Kiesselbach, T. A....263	Kosin, I. L.....2883
James, L.....2876, 3369	Jones, G. N.....720	Kiker, C. C.....3490	Kosorotov, I.....1889
Janis, D. C.....2210	Jones, G. O.....3239	Kilchenmann, H.....3242	Kostrinsky, J.....1159
Jansen, J. F.....4045	Jones, H. D.....657	Killen, E. L.....4447	Kotok, E. I.....5271
Jardim, J. P.....5270	Jones, I. D.....423	Killian, C.....1782	Kovda, V. A.....1784
Jarl, F.....2257	Jones, I. R.....2443	Killion, C. E.....3243-5	Kovrigina, M.....5083
Jarrett, I. G.....3020	Jones, J. H.....304	Killough, J. R.....2258	Kraenzel, C. F.....4778
Jary, S. G.....3591	Jones, L. T.....2026	Kimber, J. E.....4588	Kraft, J. H.....4010
Jasny, N.....4775	Jones, M. D.....4585	Kimmel, D. L.....2599	Kramer, H. W.....256
Jasspon, W. H.....54	Jones, R. W.....1482	Kincaid, C. M.....2431	Kramer, M. M.....5211
Jeffers, R. H.....750	Jones, S. H.....4277	King, F. G.....4521	Kranick, F.....3680-1
Jefferson, C. H.....3789	Jones, T. G. H.....1714	King, F. P.....5079	Krassilnikov, N. A....1768
Jeffree, E. P.....3238	Jones, W.....1047	King, G. H.....934	Kraus, W. E.....276
Jeffrey, F. P....568, 2694	Jordan, R.....4521	King, N.....1976	Kreibohm de la Vega, G. A. 879
Jellison, W. L.....3633	Judkins, C. J.....4835	King, R. O. C.....2480	Kreinheder, A.....4987
Jenkins, A. E.....868	Judkins, W. P.....1354	Kingsland, C. F.....4589	Kremer, J.....3905
Jenkins, W. A.....800	Judy, W.....561	Kinman, M. L.....1158	Kremer, J. C.....1589
Jenkinson, H.....2540	Julch, J. A.....1715	Kinnard, V.....5080	Kreutzer, W. A....331, 880
Jenkinson, R.....2540	Julén, G.....1222	Kinney, P. M.....4733	Krishna Swamy, B.....3146
	Jull, M. A....2789, 2881-2, 4586	Kinross, R. M.....2480	Kroeck, J.....2790
	Justice, O. L.....1029-30	Kiplinger, D. C...1757, 4686	Krogh, P. M. D.....2146
		Kircher, W. H.....5081	Kroh, G. K.....1303
		Kirk, H.....2600	Krueger, W. C.....3814
		Kirk, Mrs. T. A.....1488	Krummenacker-Schöni, K....3249
		Kirkpatrick, M. G...2481, 3066	Kruse, C. W.....3492
		Kirssanow, B. A.....3463	Kuchel, R. H.....3989
		Kitchingman, G. D....1113	Kucyniak, J.....791-2
		Kleczkowski, A.....915	Kueneman, R. W.....4301
		Klein, D. L.....3737	Künzli, G.....3250
		Klein, G. T.....4590-1	Kürsteiner, J.....4095
		Klein, J.....2306	Kugler, O. E.....2791
		Kline, E. E.....2785	Kuhlman, G. J.....4474
		Klinge, G.....5205	Kumaran, J. D. S....2305
		Klinker, D. A.....3679	Kuschel, G.....3418
		Klintworth, H.....1911	Kuschke, B. M.....297
			Kut'in, V. M.....4202
			Kuz'min, M.....4352
			Kyburz, G.....3251



Item	Item	Item	Item
Labrecque, P.....2662	Leighton, A.....4014	Liverovski, I. A.....1785	Luy.....2647
Lacey, J.....3050	Leinbach, F. H.....2393	Livingston, J. E.....4414	Lyman, J.....4280
Lacey, P. E.....3889	Leishman, E.....4317	Ljungdahl, P. W.....2544	Lynch, P. J.....1500
Lachman, W. H.....1620, 3682	Leleich, E.....1717	Lleo, A.....2123	Lynes, F. F.....957
Lackland, S. B.....2737, 2884	Le Marié.....489	Lloyd, A. K.....4319	Lyon, A. V.....1914
Lafon, J.....830	Lemée, G.....1035	Lloyd, E. W.....4918	Lyon, C. J.....686
Lafon, R.....881	Lemelin, C.....4318	Lloyd, R. A.....136	Lyon, H. A.....4722
LaForge, F. B.....3147	Lemieux, P.....4974-5	Lloyd, S. E.....3254	Lyon, H. L.....4656
Lager, A. E.....3009	Lemmons, E. B.....2129	Locke, H. J.....5086	Lythgoe, H. C.....4054
Lagerlöf, N.....2392	Lenhart, M. W.....329	Lockhart, E. E.....5206, 5236	
Lamar, J. E.....2030	Leon, A.....1322	Lockwood, L. B.....1037	Mabon, M. F.....598
Lamb, L. W.....2542	Leon, L. A.....1718	Lo Coco, G.....4302	McAdory, I. S.....2484
Lambert, N.....1491	Leonard, E. C.....711	Loder, G. D.....3903	McAllister, M. L.....423
Lamborn, O. H.....4653-4	Leonard, F. H.....2954	Lodge, C.....2738, 2888-90, 4594	MacArthur, S. C.....2395
Lamers, T. C. N.....4279	Leonard, L. T.....7	Löbke, H.....1224	McAtee, W. L.....5274
Lamia, A.....1034	Lepage, Abbé E.....717, 721-2	Loftin, U. C.....70	McAulay, A. L.....1040
Lamond, H. G.....1979		Lomax, J.....3493	McCabe, B. C.....4753
Lamont, A.....2885	Lerew, W. M.....2646	Longley, L. E.....1498	McCall, A. G.....20, 22
Lamont, C.....4838	Le Riche, F. J. H.....1098	Longmuir, S.....1499	McCall, M. A.....1680
Lamoureux, J. A.....1277	Lerner, I. M.....2695	Lonnnon, J. F.....3255	McCall, R.....3816
Lancum, F. H.....5272	LeRouge, J. F.....2696	Loomis, C. P.....5087	McCall, T. M.....256
Landauer, W.....5273	Leroy, A. M.....2631	Loomis, W. E.....1006	McCalla, T. M.....1769
Landis, B. J.....9	Lerrigo, C. H.....5247	Loos, K. D.....5140	McCance, R. A.....5249
Landis, J. M.....5172	Lesage, W.....3654	Loosli, J. K.....3021	McCann, L. P.....4450
Landon, C. R.....2349	Leslie, W. R.....1385, 1621	López, H.....4687-8	McCarthy, G. P.....2893
Landon, I. K.....192	Lester, R. A.....4779	López Gómez, R.....2545	McCarthy, M. D.....3465
Landon, M.....751	Lestrem, A.....2793	Lopez Pizarro, J. L.....2891	McChesney, E. W.....2740
Landreth, W. A.....4592	Letelier A., E.....882, 1848	Lopez T., C. A.....2892	McClain, E.....2350
Langdon, M. O.....2105	Lettieri, E.....2261	López y López, C.....2310, 4475	McClelland, Mrs. P. H. 1501
Lange, H., Jr.....3148	Levadoux, L.....1036		McClinton, K. M.....625
Langhard, O.....4011	Levin, E.....5239		McClymonds, A. E.....1983
Lanus, A. J.....5297	Levine, P. P.....2794	Lord, R.....5298	McClymont, G. L.....2741
Larin, I.....2260	Levine, S. Z.....5248	Lorenz, F.....3256	Mac Coll, E. D.....2312, 3893, 4451, 5173
Larke, G. R.....4655	Levitt, E. C.....2886	Lorenz, F. W.....2795, 3739	McColloch, R. J.....4521
Larrosa Boreán, M. A.....2308	Lewis, G. G.....1495	Lorie, J. H.....2262	McComb, B.....4207
Larsen, E. L.....2082	Lewis, H. F.....2200	Lorwin, L. L.....499	McConkey, O. M.....3921
Larsen, L. F.....1912	Lewis, M. R.....1913	Losada S., B.....3511	McConnell, J. E.....3724
Larsen, S. A.....3890	Lewis, N. G.....1678	Lott, R. V.....832, 4332	McConnell, J. H.....2742
Larsh, H. W.....831	Lewis, R. D.....685, 1849	Lotti, T.....131	McConnell, W. C.....2485
Larson, A. H.....1691	Lewis, R. V.....2482	Loughnane, J. B.....884, 917	McCormick, M. F.....1502
Larson, E. O.....2543	Lewis, R. W.....883	Louis-Marie, Père.....1679	McCormick, T. C. T.....500
Larson, H. W. E.....1847	Lewis, S. E.....3149	La. Agr. Col. Ext. Div.....372	McCoy, H. B.....5174
Larson, R. A.....4053	Lewis, T.....4714	La. Agr. Expt. Sta.....231	McCracken, W. K.....4354
Larsson, N.....1638	Lewis, V. W.....2241	Lounsbury, L. R.....2394	McCready, M. S.....5226
Lassetter, W. C.....1223	Lewitt, F. L.....3253	Loustalot, A. J.....1038	MacCreary, D.....226
Latham, A.....3323	Lezhebrukh, G. O.....4204	Love, H. M.....4735	McCulley, R. D.....2186-7
Lattimore, O.....4712	Li, C. M.....4742	Loveland, E. L.....4015	McCulloch, J. T.....2432
Laulanié, de.....489	Li, C. S.....3565	Lovell, R.....2483	McCulloch, W. F.....2055
Laurie, A.....1492	Liberal Natl. Inq. into Post-war Prob. (Gt. Brit.).....498	Loveridge, A.....3512	McDaniel, E. I.....3150
Lauterbach, A. N.....4012		Lovern, J. A.....4353	McDermott, N.....1624
Lauzet, L.....4713	Lieberman, F. V.....69	Lowdermilk, W. C.....1980	MacDonald, A. B.....5142
Lavallee, E.....833	Liebermann, J.....3100, 3622	Lowe, B.....3944	MacDonald, G. B.....2222
Lavondès, A.....586	Liedberg, G.....4839	Lowe, R.....3704	Macdonald, R. G.....2202-3
Lawler, J.....4593	Ligon, L. L.....281	Lowery, J. C.....326	McDonell, R. J.....4780
Lawrence, C. K.....2011	Lima. Estación Experimental Agrícola de La Molina.....3775	Loza, G.....5141	MacDougall, A. F.....5088
Lawrence, M.....1493		Lucas, A. M.....2602	MacDowell, L. G.....5252
Lawson, E. B.....4718	Limbach, J. P.....129	Lucas, V.....1701	McEwin, H.....3592
Lawson, P. J.....4013	Liming, F. G.....1117	Lucio Somoza, A.....1982	McFarland, J. H.....1503
Lea, N.....4448	Lind, A. J.....2887	Lucio Somoza, A.....1981	Macfarlane, D. L.....4016
Lea, S. A.....1494	Lindahl, T.....4449	Luckey, T. D.....2739	Macfarlane, W. D.....4044, 4402
Leach, L. D.....220	Lindberg, J.....3866	Ludwig, R.....833	McGeorge, W. T.....1758
Lease, E. J.....232	Lindgren, C. C.....980	Luebke, B. H.....302	McGibbon, W. H.....2697
Leavitt, E. T.....1262	Lindeman, B. W.....1386	Lugg, J. W. H.....1099	McGovern, J. N.....2205
LeBarron, R. K.....142	Lindsey, A. H.....381	Luis Luque, J.....3776	McGregor, E. A.....3370
Lebel, L.....5084	Lindsey, R. E.....2663	Luker, C.....194	MacGregor, H. D.....2546
Ledden, J. F.....4549	Lindstrom, D. E.....5085	Lund, C. J.....5207	MacGregor, J. J.....3684
Ledeboer, M. S. J.....1115	Line Elevators Farm Serv., Winnipeg, Manitoba.....3162	Lundberg, C. G.....4205	McGuire, M.....3894
Ledingham, G. A.....4214		Lundell, C. L.....753	McHargue, J. S.....1062
Lee, D. H. K.....2792	Link, P.....536	Lundin, H.....3740	McHatton, T. H.....1293
Lee, M. B.....943	Lippincott, G. P.....1622	Lundstrom, L. M.....1850	McHenry, J. R.....409
Lee, V.....2981	Lippitt, M. L.....3892	Lunn, J. H.....368-9	McIver, J.....427
Lee, W. A.....270	Lissot, G.....562	Lunt, H. A.....2037	Mackay, J. H.....5034
Leeper, R. L.....4636	Liszy, E. von.....4840	Lupton, H. C.....3777	McKay, R.....917, 923, 4487
Lees, A. D.....3464	Littell, N. M.....4917	Luria, S. E.....981	McKenna, R. J.....2265
Leete, B. E.....1116	Little, C. E.....1496	Lush, R. M.....5225	McKenny, M.....626
Legat, H.....4916	Little, E. L., Jr.....752	Lusena, C. V.....4402	McKenzie, D. A.....4068
Legere, M.....4734	Little, E. M.....2201	Lush, R. H.....2263-4	Mackenzie, M. D.....658
Lehker, G. E.....368	Little, G. W.....2309, 2601	Lussier, O.....1118	McKeown, N. R.....2547
Lehmann, A.....3252, 3324	Little, W. S.....1497	Lutjohann, C. E.....4206	Mackey, A. G.....4214
Lehmkuhl, H. W.....4045	Litton, G. W.....2431	Lutz, H. J.....944	Mackay, A. K.....303
Lehner, A.....3891		Lutz, L.....624, 1039	McKibbin, J. M.....2587
Leiby, R. W.....415			



Item	Item	Item	Item
Mackie, T. T.....659	Marais, J. S. C.....1100-1	Matterson, L. D.....2503	Miller, J. C.....303,4333
McKinney, F.....5208	Marcellus, F. N...2733,2797	Mattes, J.....4921	Miller, J. D.....5148
Mackinney, G.....4355	March, M.....4356	Matthews, C. A.....2507	Miller, J. H.....1042
McKinney, K. B.....68	Marchionatto, J. B....835	Matthews, D. M.....2124	Miller, J. L.....5149
Mackintosh, J....2363,2548	Marcilla, J.....3978	Matzke, E. B.....687	Miller, L. F.....99
McKissick, S. M.....5143	Marcone, J.....2316	Maukash, G.....3895	Miller, M. L.....3844
Mackworth-Praed, C. W.....3101	Marcus, H.....3537	Maule, W. L.....1119	Miller, R.....2554,4976
MacLagan, D. S.....3011	Margalef López, R....3466	Maurizio, A.....3261	Miller, R. C....3013,3027,3054
McLaren, G.....3051,5144	Marie-Victorin, Frère-723,755-7,785,945	Maw, W. A.....2895	Miller, R. E., Jr....3052
McLaughlin, F. A.....253	Martin, L.....1324,1626-7	May, S. C.....4746	Miller, V. L.....315-16
MacLean, J. D.....132	Mariño M., E....1305,1325,5250	May, V.....795	Miller, W.....3085
McLean, J. G.....222	Marinucci, M.....627	Mayer, P.....1510	Miller, Z.....1514
McLeod, A.....225	Mark, P. N.....5146	Maynard, J.....2999	Millett, M. R. O.....2231
McLeod, J. H.....451	Marks, C. J.....4956	Maynard, P.....489	Millikan, C. R.....1043
McIntock, M. W.....431-3	Marks, R. W.....1030	Mayo, N. S.....2317	Millington, A. J.....1169
McMahon, E.....932	Markwood, L. N.....4689	Head, H. W.....836	Mills, D. R.....3979
McMahon, F. R.....4208	Marquardt, J. C.....4096,4126,4452	Meador, E. M.....1041	Mills, G. E.....3263
McMartin, A.....1278	Marriage, K.....1505-6	Meadly, G. R. W.....1675	Mills, W. D.....839
MacMillan, E.....5209	Marris, N. A.....4357	Meagher, G. S.....133	Millson, W. A. D.....3153
McMillan, G.....2396	Marritt, I. C.....1507	Medici, G.....496	Milne, L. J.....3422
McMillan, M. H.....2603	Marsh, G. L.....4362	Médici, M.....3262,3325-6	Milne, M. J.....3422
McMillan, R. T.....291	Marsh, H.....3012	Medlock, O. C.....1226	Minckler, L. S.....1120
McMillen, L.....5306	Marsh, R. S.....1357	Meek, C. M.....4019	Minges, P. A.....1629,1861
McMillen, W.....487	Marshall, G. W.....1628	Meek, M. W.....2968	Minn. Agr. Expt. Sta..255,385
McMullen, W. H.....3257	Marshall, J. H.....302	Mehra, P. N.....958,982	Minn. Univ. Agr. Ext. Div.....385-98
McMunn, E. W.....2092,2434	Marshall, V. S.....1508	Mehrhof, N. R.....229,357	Minter, C.....5175
Macnamara, C.....3536	Marshall, W. S.....4743	Mehta, T. R.....1269	Mirando, F. de P.....5236
McNamara, H. C.....4231	Martens, E. E.....5000	Mejía Fernández, M....4715	Misner, E. G.....269
McNeely, M.....1160,4403	Martin, A.....3741	Melhuish, V. P.....4083	Miss. Agr. Expt. Sta..231-2,259
McNeil, E.....2796	Martin, C. W.....2223	Mello, A. T. de.....5251	Miss. Bd. of Devlpmt.....504
McNulty, J. B.....4781	Martin, D. I.....2550	Mello, J. C.....1719	Miss. State Col. Ext. Serv.....399-405
McPhail, M. C.....2433	Martin, E.....3260	Melnick, J. L.....3481	Mo. Agr. Col. Ext. Serv...406
McPhee, H. C.....2351	Martin, E. F.....3742	Melville-Ness, T. R....1264	Mo. Agr. Expt. Sta.....22,260-1
McPherson, G. K.....4919	Martin, H. P.....5147	Ménard, E.....2056	Mo. War Bd.....406
McRoberts, V. F.....3084	Martin, J. F.....885	Méndez Cordero, R.....837	Mitchell, E. W.....3154
Macself, A. J.....1504	Martin, L.....487,3945	Mendez M., G.....2698	Mitchell, H. L.....2188
McVaugh, R.....754	Martin, N. A.....4453	Menne, B.....537	Mitchell, J.....2897
McVeigh, I.....1092-3	Martin, O. A.....3867	Merchant, C. H....4455,4843	Mitchell, J. H.....232
McVey, H. H., Jr....4505	Martin de Frutos, J...2998	Mercier, E.....2407	Mitchell, S. D.....5112
McVickar, M. H.....1263	Martínez, A.....3420	Merendi, A.....606-8	Mitchell, T.....2133
McWhirter, L.....231-2	Martínez, J. F.....5171	Merrifield, J.....2352	Mitchener, A. V.....3155-6
Maddy, K. T.....2313	Martínez, M.....2435	Merrill, E.....4084	Mittler, G. A.....4509
Madrid S., C.....4841	Martinez Campos, C....2648	Merritt, E.....97	Mitton, J.....1515
Madsen, L. L.....2314	Martins, C.....1182	Merson, E.....2552	Mix, A. J.....840
Mäder, W.....3258-9	Martins, S. C.....2991	Mervine, E. M.....2423	Modlibowska, I.....1044
Maestri, R.....4657	Marvel, J. A.....2743	Mesa Carrión, F.....3467	Moffit, G. M.....3328
Magness, J. R.....1304	Md. Agr. Col. Ext. Serv...373-9	Metcalf, R. L.....3492	Molfino, J. F.....1681,1721
Maier, C.....1915	Md. State Insp. and Regulat. Serv.....3151	Metcalf, L. S.....2553	Molino, V.....3329
Maier, C. E.....3908	Md. State Planning Comm. Com. on Medical Care....5089	Metz, J. W.....2699	Moll, R.....3896
Maier, W.....834	State-wide Libr. Survey Com.....5090	Meyer, A.....4320	Molyneux, G. W.....4098
Maillard.....489	Md. Univ.....3151	Meyer, H.....1759	Money, E. D.....4627
Maine. Agr. Expt. Sta..246-9	Mason, A. H.....4488	Meyer, J. R.....1511	Mongiardino, C. A.....2555
Maine. Devlpmt. Comm..501	Mass. Agr. Expt. Sta..250-3	Meyer, K.....502	Monroe, C. F.....276
Maisch, C.....4842	Mass. State Col. Ext. Serv.....380-2	Meyers, W. I.....4457	Monroe, M. M.....247
Majors, E.....319,321	Masse, A. M.....3421	Miatliuk, V. M.....3761	Montaldo, A.....1045
Maki, H. H.....3843	Massey, A. B.....1509	Michael, P.....3593	Mont. Agr. Expt. Sta..262
Maldonado Barrios, E..1323	Massey, G. F....3655,3685,3743	Michelbacher, A. E....3152	Montealegre, M. R.....1516
Malenotti, E.....587-8	Massler, M.....5215	Mich. Agr. Expt. Sta..254	Monteiro, M. L.....2318
Malinina, M.....2549	Masterman, N. K....416,3744	Mich. State Col. Agr. Ext. Div.....383-4	Monteverde, J.....2798
Mallory, A. R.....3419	Masters, F. H.....301	Mich. Tax Study Advisory Com.....503	Montgomery, G. A.....5091
Malone, T. J.....3778	Matagrín, A.....628	Midbari, S.....1720	Montgomery, H. B. S....909
Malpress, F. H....2468,3003	Matallana, S.....4097	Middlebrook, S. B....1984	Montgomery, J. P.....3922
Maltais, J. B.....3513	Matallana Ventura, S..2551	Middleton, P. H.....538	Montgomery, M.....2397
Malukhina, A.....5145	Mateus, L.....1851	Miège, E.....4210	Mood, F.....5299
Manahan, L. B.....2159	Mather, W. H....4209,4506	Milan, D. F.....5196	Moody, L. S.....2353
Mandt, P. H.....4082,4124	Matheson, W.....3817	Milans, J.....2182	Moog, F.....2799
Manes, Y.....1625	Matheson, N. A..4018,4454,4489,4595	Milburn, V. S.....4844	Moore, A. C....2800,2898-9,3157
Mangan, J.....2894	Mathlein, R.....3112	Milby, T. T.....286	Moore, C. W. E.....1227
Mangus, A. R.....5027	Mathot, A. L. C.....4658	Miles, J. V.....2774	Moore, D. H.....2801
Manitoba. Dept. of Agr. and Immigr.....3155-6		Milinski, N. A.....4305	Moore, E.....17
Dairy Branch.....4125		Millán, H. H.....3371	Moore, E. C.....344,1808
Manitoba. Univ. Dept. of Ent.....3162		Millar, J. H.....3745	Moore, E. L.....5227,5252,5264
Mann, D.....2315		Millard, W. A.....838	
Mann, G.....2664		Miller, A.....1512,2896	
Mann, L. B.....113,4517		Miller, C. R.....4281-2	
Manning, T.....1042		Miller, D. G.....1916	
Mansfield, W. S.....4920		Miller, H.....4688	
		Miller, Mrs. J.....1513	



Item	Item	Item	Item
Moore, E. N.....2802	Munro, J. A. 3159, 3539, 3643	Neubauer, L. W.....2138	Norris, P. K.....117
Moore, F. E.....2900	Munsell, R. I.....1193	Neubert, A. M.....4359	North Canterbury, New
Moore, G. E.....1722	Murchison, C. T....4212-13	Neubrech, W. L.....2204	Zeal., Catchment Bd..1231
Moore, H. B.....2556	Murohey, C. E.....303	Neukom, A.....3267	N. C. Agr. Col. Ext.
Moore, H. R.....5011	Murohey, F. T.....2093	Nev. Agr. Expt. Sta....267	Serv.....422-9
Moore, L. A. L.....1326	Murphy, H. F.....282, 1852	Nevens, W. B.....1265	N. Dak. Agr. Expt. Sta....
Moore, M.....4596	Murray, F.....4782-3	Neves e Castro, A. V. das	274
Moore, M. H.....909	Murray, G.....2057, 2901	2319	Northeastern Dairy Conf.
Moore, O. K.....229	Murray, H. R.....1358	Neveu-Lemaire, M.....564	Statis. Com.....38
Moore, R.....3868	Murray, M. J.....1086	N. Mex. Agr. Expt. Sta....	Northeastern Wood Util.
Moore, R. C.....231-2	Museo Nacional de Costa	268	Council.....2068
Moore, R. L.....4306	Rica.....5323	N. Y. (City). Pub. Libr.	Norton, C.....1519
Moore, W. D.....230	Mussehl, F. E.....265	Munic. Ref. Libr.....596	Norton, D. M.....2625
Mora, G.....5176	Musser, A. M.....1853	N. Y. (Cornell) Agr. Col..	Norton, H. W., Jr.....2400
Mora Dávila, N.....5092	Myers, F. E.....3845	3695, 4080, 4256, 4757,	Norton, L. J.....4882-3
Moraleda C., S....4358, 4597	Myers, W. M.....1243	4941	Norton, R. A.....3705
Morato, A.....2073		Ext. Serv.....413-21	Norway. Embassy, U. S..660
Moravsky y P. R., B....4989	Nagaraja Rao, T. R....5150	N. Y. (Cornell) Agr. Expt.	Nova Scotia Farmers'
Morazain, J.....4211	Nagel, H.....2267	Sta.....269-73	Assoc.....4093
Morazain, J. G....4881, 4889	Nakamura, F. I.....2266	N. Y. (State) Dept. of	Novelo F., E.....1161
Moreau, E.....841	Nanneson, L.....4740	Agr. and Markets.....565	Novicky, R.....3070
Moreau, R. E.....1723	Narasingarao, M.....4555	New Zealand. Dept. of	Novikoff, M.....2744
Moret, L.....629	Nason, A.....1038	Agr.....1386, 3697	Nunn, F.....2074
Moretti, O.....1917	Nates, J. D.....4507	Livestock Div.....3069	Nute, A. D.....4216
Morey, B.....2180	Nath, B.....1057	New Zealand. Dept. of Sci.	Nutile, G. E.....1048
Morgan, C. N.....1630	Nathaniel, W. R. N....4539	and Indus. Res.....4004	Nutt, W. F.....5096
Morgan, J. D.....4307	Nathanson, S.....2955	New Zealand. Natl. Council	
Morgenthaler, O.....3228,	National Assoc. of In-	of Primary Prod.....2016	Obaton, F.....1049
3264, 3330	secticide and Disinfect-	New Zealand. Soil Conserv.	Obregón B., R.....1232
Morison, D. L.....3265	ant Mfrs.....3160-1	and Rivers Control Coun-	O'Brien, H. R.....1849
Morley, C.....3468	National Catholic Rural	cil.....1986	O'Brien, J. J.....4922
Morris, C. S.....4055	Movement.....505, 4716	Newbill, T. J.....1517	Obruchev, V. A.....1786
Morris, H. E.....262	National Coop. Proj., Con-	Newell, P. F.....399, 402,	Occampo, A.....4217
Morris, K. R. S.....3469	serv. of the Nutr. Value	404-5	O'Connell, C. K.....4847
Morris, M. L.....2266	of Foods....217, 4335, 4375	Newell, R. E.....3268-70,	Oderkirk, A. D.....4100,
Morrison, F. B.....3021	National Farm Chemurg.	3332-3	4130, 4598
Morrison, G.....983, 1631	Council...1116, 1871, 2089,	Newland, L. G.....4091	Odintsov, G.....3779
Morrison, S. R.....2436	2094, 2100, 2112, 2117,	Newman, E.....3686	Odle, D. T.....5211
Morse, G. D.....3331	2150, 2156, 2167, 2172,	Newman, L. H.....3594	O'Donnell, C.....4218
Morse, S. F.....688	2211, 2220, 2225	Newman, T.....2700, 2902	O'Donnell, W. G.....4848
Morse, T. D.....4882	National 4-H Club Cong.,	Newton, L. G.....2803	O'Farman, J.....1520
Mortensen, M.....239	1944.....101	Newton, O. M.....2488	Ogle, E. C.....3644
Morton, C. V.....759-60	National Planning Assoc...	Newton, W.....1047	O'Grady, L.....1753
Morton, T. F.....2665	5210	Niblett, M.....3540	Ohio. Agr. Col. Ext.
Moseley, E. L.....689	National Res. Council	Nicholas, R. T.....2489	Serv.....430-45
Mosher, F. D.....2177	Com. on Nutr. of Indus.	Nicholls, W. H.....762-3	4-H Club Dept.....431-3
Mosimann, W.....4056	Workers.....209	Nichols, A. A.....4129	Ohio. Agr. Expt. Sta....20,
Moskovskaja Ordena Lenina	Div. of Med. Sci.....659	Nichols, F. A.....4085	275-80
Sel'skokhoziaistvennaia	National Res. Council of	Nichols, J. E.....566	Okell, R. L.....4520
Akademija Im. K. A.	Canada. Res. Plans and	Nichols, L. A.....4784	Okla. Agr. Expt. Sta....231-
Timiriázeva.....954	Pubs. Sect.....545	Nichols-Roy, S.....5237	2, 281-94
Mostert, T.....5093	National Victory Garden	Nicholson, A.....3656	Olafson, P.....3021
Mott, F. D.....5094	Inst., Inc.....534	Nickell, P.....3796	Olalquiaga Fauré, G....3406
Mould, A. H.....4127	Natividade, J. V.....1306	Nicol, H.....1683	Oley, W. W.....4321
Mount, C. A.....2982	Natrass, R. M.....842, 910	Nicol, M. J.....3657	Olivé, C. F.....3909, 4219
Moutin, J. W.....5095	Naudé, P. J.....1809	Nicolaisen.....1266	Oliver, R. S.....1267
Moussu, G.....563	Neal, J. H.....3746-7	Nicolaisen, N.....4360	Oliveras Massó, C....3980-1
Mousty, A.....3266	Neal, R. R.....2398	Nicora, C. D.....4845-6	Ollea, D. E.....4849
Movitt, E.....5240	Neatby, K. W.....3162	Nieb, L. C.....3334	Olmos Castro, A.....1918
Moxon, A. L.....2754	Nebr. Agr. Col. Ext. Serv.	Nielsen, E. L.....991	Olmstead, R. W.....205
Moyer, A. J.....1037	407-12	Niemeyer, D. D.....4681	O'Loan, J.....2269
Mrak, E. M.....4362	Nebr. Agr. Expt. Sta....263-	Nikitin, K.....5314	O'Loughlin, D. B.....2559
Müller, O.....4020	6	Nilsson, A. R.....3818	Olshammar, C. A.....1225
Muello, A. C....1228, 1387,	Needham, J. F.....2094	Nilsson-Leissner, G....1229	Olson, L. C.....1854
3538	Needham, K.....2015	Nisbet, J.....2399	Olson, L. W.....3982
Mujica R., F....801-2, 5300	Neel, L. R.....1682, 3834,	Nisnovich, L.....2490	Olsson, L.....2036
Mukerji, B.....1103	4099	Nissley, C. H.....1632,	Olsson, N.....1102
Mukoseev, N. A.....4690	Neely, A. W.....2557	1890, 4283	Olsson, P. A.....2270-1
Mulaik, S.....3372	Neethling, H. L.....4057	Nitzsch, von.....1760	Olvera, L. T.....1233
Mulford, F. L.....174	Nehring, K.....2268, 3897	Niven, L. A.....1183	O'Neil, S.....2903
Muller, G. W., Jr.....4659	Neill, J. C.....886	Nixon, E. L.....1633	Ontario. Dept. of Agr.....
Muller Defradas, R....2624	Neish, A. C.....4214	Nixon, W. M.....1230	1370, 2433
Mullerried, F. K. G....1985	Neller, J. R.....228	Noble, I.....4473, 4519	Oppenheim, B.....1634
Mulvany, J. L....4021, 4518	Nelson, D. H.....268	Nochberg, N.....1388	Oppenheimer, H....1328, 1521
Mumford, F. B.....260	Nelson, H.....2558	Nock, H. K.....4404	Oppermann, M.....2649
Munch-Petersen, E....2487	Nelson, K. L.....447	Noojin, R. O.....5196	Orborn, A.....2437, 3818
Muncrief, E. H.....294	Nelson, L.....5028	Nordby, J. E.....2992	Orchard, M.....4923, 5097
Mundhe, B. B.....2305	Nelson, R. C.....1307	Nordskog, A. W.....4215	Orcutt, E. P.....2321
Munger, H. M.....1009	Nelson, S. E.....3373	Norman, A.....1518	Oreg. Agr. Expt. Sta....295
Munn, M. T.....1046	Nettleton, H. I.....1121	Norregård, A.....1134	Medford Branch.....202
Muñoz Pizarro, C....690, 761	Netto, F. A.....3748, 4128	Norris, K. R.....3374	Oregui, I.....2401



Item	Item	Item	Item
Orensanz, J.....2650	Patrick, T. H.....2163	Phillips, H. A.....5212	Powell, H.....1924
Ormond, J. I.....4131	Patterson, C. L.....4785	Phillips, P. H.....3073	Powell, T. H.....4409, 4490,
Ormsby, M. A.....4851	Patterson, E. G.....2587	Phillips, R. R.....2095	5277
O'Rourke, F. L.....1071	Patterson, R. P.....3869	Phillips, R. S.....128	Powell-Owen, W.....2704-6,
Orozco R., J. A.....2039	Patton, J. W.....2492	Phillips, W. H.....355	2907-8
Urr, L. E.....3272	Patworth, D.....2956-7,	Phillips, W. R.....1289	
Ortega, P.....5253	2970, 2983-4	Phipers, R. F.....3117	Powers, D. H.....4224
Ortega Nieto, J. M.....1855	Paulsen, E. F.....1987	Picasso S., L.....4406	Powers, J. J.....3947
Orthmann, A. C.....539	Paulsen, T. M.....2754	Picaza, J.....1359	Pozzi, C. M.....2272, 2329
Ortiz, G.....4405	Pavari, A.....609	Picken, L. E. R.....3464	Prack, L. von.....5012
Ortiz, M.....2491	Favé, S.....4086	Pickett, A. G.....2544	Prasad, S.....959, 1055
Osborn, F. J.....5001	Pavlov, N. T.....4220	Pickett, F. N.....4222	Prasolov, L. I.....1788
Osborne, E.....4852	Pawley, W. H.....1988	Piedoué, H. de.....631	Prat, H.....1056
Oscar Cler, G.....2604	Payette, A.....1051	Piel-Desruisseaux.....489	Pratt, A. J.....420
Osgood, G.....2745, 2904	Payne, L. C.....2322	Pien, J.....4058	Precht, H.....2273
Ospovich, A. A.....2160	Fayne, L. F.....2702	Pieniazek, S. A.....1052	Preger, W.....5021
Osoorio, L. H.....1635	Pchelin, V.....4854	Pierce, H.....4600	Preston, R. D.....3750
Osse, L.....2040, 3819	Peakes, L. V., Jr.....136	Pierpont, R. L.....227	Preston, R. K.....3133
O'Steen, A. W.....357	Pearce, S. C.....4382	Pietermaritzburg and	Price, H. B.....4673, 5177
Ostrom, C. E.....2189	Pears, P. B.....5275	District Farmers' Assoc..	Price, W. A.....3471
Oswin, C. R.....3910	Pearse, H. L.....1058	3885	Price, W. C.....925
Otalora, A.....1294, 3423	Pearson, F. A.....4457	Pifer, R. W.....3056, 3071	Prill, E. A.....3165
Otero Polo, R.....3102	Pearson, L. E.....2181	Pilcher, R. W.....5254	Prince, F. S.....2438
Otis, J. R.....1856	Peatt, E. S. W.....2323	Pillai, M. V.....2305	Pringle, J.....2909
Otoya, F. J.....3424	Peattie, D. C.....3375	Pillai, T. M. C.....5152	Prokesch, C. E.....1104
Overholser, E. L.....313	Pechanec, J. F.....1234	Pilz, T.....2493	Proksch, R.....4990
Overley, F. L.....313	Peech, M.....1091	Pimentel, M.....2703	Frosen, A. F.....3426
Overstreet, R.....1761	Peede, L. G.....2161	Pineiro, A.....1770	Prunty, M. C., Jr.....4856
Owen, W. P. See Powell-	Peirson, H. M.....3053, 3086	Pioletti, L. A.....4459, 4723,	Pugh, R. M.....3277
Owen, W.	Pelletier, J. R.....2402, 4958	4736	Puhr, M. C.....4737
Oxford. Univ. Agr. Econ.	Pellet, F.....1725	Piper, W. E.....4363	Pullinger, E. J.....4023
Res. Inst.....506	Pena, M. T. de la.....4855	Pirán, A. A.....5276	Pumphrey, Mrs. J. H.....1525
Oza, T. M.....4660	Pence, J. W.....3054	Pires, A.....2325-7	Pundt, H. M.....4285
	Penfound, W. T.....937	Pirone, P. P.....911, 3514	Punnett, R. F.....389
	Penha, A. M.....2958	Pirozhenko, A. V.....4407	Purchase, H. S.....3166
	Penn, H.....4691	Pissarev, W. E.....985	Purdue Univ. See Ind.
	Pennefather, R. R.....1919-	Platt, C. S.....2747	(Purdue) Univ.
	22	Plomley, N. J. B.....1040	Furser, R.....1135, 3028,
	Pennell, E. H.....5095	Plumb, K. P.....1636	3847-8, 4132, 4601
	Pennock, J. L.....13	Pochot.....1726	Putnam, H. J.....401
	Pa. State Council of	Pohle, E. M.....4223	Putnam, J. N.....2752
	Defense.....630	Poli, C.....1011	Putney, W. K.....695
	Pa. Univ.....137	Politi, I.....569	Fyenson, H.....4059
	School of Vet. Med.....2299	Pollack, P.....661	Pyle, M.....1526
	Penteado, E.....3983	Pollock, N. F.....2562	Quaife, E. L.....4959
	Peraza, V. M.....2243	Polynov, B. B.....1762, 1787	Queener, V. M.....3949
	Percival, M. S.....3274	Pomerleau, R.....845, 888,	Questel, D. D.....65
	Perdisa, L.....496	1053	Quick, H. L.....2494
	Pereira, R. S.....2324	Pomeroy, B. S.....2805	Quin, A. H.....2330
	Pérez Arbeláez, E.....2075,	Pond, E.....459, 463-4	Quiroga, S. S.....2331
	2224, 2232	Pond, J. D.....418	
	Pergola, V.....567	Pond, M. A.....4102	Rabinovich, M.....4857
	Perkins, A. E.....276	Pont, E. G.....4103	Racicot, A.....2439
	Perlberger, J.....887	Pontecorvo, M.....692	Ragondet, G. L.....3658
	Perraton, C.....489	Pope, W. A.....2959	Ragsdale, E.....358
	Perrée, W. F.....2058	Porsild, A. E.....786	Railway Tie Assoc.
	Perry, A. L.....4599	Porter, B. A.....3595	Com. on Checking and
	Perry, E. J.....568, 2560	Porter, D. R.....1637	Splitting of Cross Ties
	Pershin, P.....5035	Porter, H. G.....4171-2	in Track.....2162-3
	Persing, C. O.....844	Porter, J. J.....2761	Com. on Moisture
	Peru. Departamento de	Porter, L. C.....3846	Gradient.....2139
	Cooperativas Agrícolas...	Porter, T.....5242	Com. on the Frbb. Af-
	5151	Porter, W. B.....5220	fecting the Prod. of
	Peru. Dirección General de	Portevin, G.....589-90	Small Portable Saw-
	Agricultura.....4985	Portillo, A. G.....2328	mills.....2134
	Peters, G.....4884	Posnansky, A.....4408	Manufacturing Practice
	Petersen, E. M. See Munch-	Posnette, A. F.....924	Com.....2164
	Petersen, E.	Posse, J. J.....4672	Timber Conserv. Com.....2059
	Petersen, N.....3055	Potapenko, A. I.....1054	Raimo, H. F.....2910, 4602
	Peterson, A.....3105	Potgieter, M.....233	Raithby, G. E.....2433
	Peterson, A. W.....4458	Potriss, G.....3072	Ralston Purina Co.....570
	Peterson, R. F.....4221	Potter, H.....3275, 3338	Ramiah, K.....1057
	Peterson, V. V.....2561	Potter, M. D.....540	Ramírez, G.....1771
	Petersson, G.....1638	Potter, P. B.....311	Ramírez Calderon, R.....1925
	Petherbridge, F. R.....3425	Potzger, J. E.....693-4	Ramírez S., C. A.....4133
	Petrov, B. F.....1788	Poudier, H. C.....1859	Ramón y Acosta, D.....846
	Pett, L. B.....5201	Poulin, L. P.....4508, 4890	Ramos, M. B.....4628
	Pfaff, A.....317	Poultry Assoc. of Gt.	Ramos Galván, M.....1926
	Phaff, H. J.....4361-2	Brit.....493	Ramos Núñez, G.....1279
	Phillips, B.....2403	Found, F. J.....1329	Ramos Valdes, A.....2651
	Phillips, C. E.....1858	Powell, E. C.....1989	Ramsay, A.....4460
	Phillips, C. N.....1923	Powell, F.....4322	Ramsey, R. J.....4134
	Phillips, E. F.....3336	Powell, G.....2666	Randolph, U. A.....4960
Pace, W.....5098			
Pacini, A. E.....4148			
Paddock, W. A.....2969			
Paden, W. R.....1857			
Padley, W.....507			
Page, Sir E.....4456			
Page, E. C.....382			
Page, J. B.....1744			
Paget, R. F.....3014			
Paine, F.....3946			
Palrault, A.....3273			
Palacios Sáenz, C.....4853			
Palese, R. A. M.....2192			
Palin, C. E.....3164			
Palma, D.....2905			
Palma, S. E.....1050			
Palmeiro, J. O.....3015			
Palmer, C. M.....796			
Palmer, E. J.....764			
Palmer, E. L.....421			
Palmer, M. A.....3103			
Palmer, W.....1522			
Palmira, Colombia. Esta-			
ción Agrícola Experi-			
mental. 913, 1143, 1325, 3511			
Palmiter, D. H.....843			
Panés, A.....2242			
Pardo Alcaide, A.....3104			
Parfitt, E. H.....4101			
Parija, B.....1065			
Parish, A. J.....2746, 2804,			
2906			
Park, B.....1523			
Park, C. M.....3749			
Parker, D.....946			
Parker, E. R.....844, 1740			
Parker, L. T.....3904			
Parker, W. V.....3494			
Parkinson, A. H.....4284			
Parks, K. M.....2130			
Parks, S. L.....5099			
Parmenter, R. B.....2147			
Parrish, B. D.....4458, 4957			
Parsons, A. C.....1724			
Parsons, C. H.....252			
Parsons, C. T.....2178			
Parsons, M. S.....4022			
Patel, N. M.....984			
Faton, R. R.....279			



Item	Item	Item	Item
Ranghel Galindo, A....2083	Rice, W. S.....4286	Roemer, M. I.....5094	Rummell, L. I.....4324
Ranier, S. H.....1639	Rich, M. C.....1529	Rogers, R.....1533	Rupp, H. M. R.....769
Rankin, W. H.....1162	Richard, R.....2060	Rogers, T. H.....1238	Russell, B.....4873
Rao, M. A. N.....2305	Richards, A. M....3893, 4860	Rogers, W. S.....1377	Russell, Sir E. J.....491
Rao, V. R.....4225	Richards, B. D.....641	Rohde, C. E.....4603	Russell, H. L.....5100
Raper, K. B.....1037	Richards, C. A.....4788	Rohde, E. S.....1643	Russell, Sir J. See
Rapoport, M.....5255	Richards, E. V.....1928	Rohwer, C.....1929	Russell, Sir E. J.
Rapp, W. F., Jr.....3472	Richards, O. M.....4024	Rojas Paz, P.....2084	Russell, P. R.....3753
Rappe, G.....1235	Richards, S. T.....1640	Rojas Peña, E. de.....890	Ruth, W. A.....4348
Rasmussen, E. J.....851, 3167	Richards, W. A.....4550	Rolfe, W. W.....3591	Rutherford, D. M.....348, 3690, 4790
Rau, P.....3541	Richardson, B. H.....3634	Rolland-Germain, Frère.... 597, 723, 765, 948	Rutherford, R. R.....3044
Rausch, Mrs. R. S.....1527	Richardson, B. T.....14	Rollings, E. J.....2583	Ryan, R.....1535
Rawson, A.....2707	Richardson, H. B.....1861	Rollins, H. A.....348	Rydalevskaja, M. D....1764
Ray, G. K.....1103	Richardson, H. L.....2807	Rollins, H. J.....2499	
Raymond, L. C.....1163	Richardson, J. K.....847, 912	Roman, N. M.....419	Sabnis, T. S.....699, 1269
Raymond, M.....724, 875, 947	Richardson, R. R.....2709	Romanoff, A. L.....2810	Sackville-West, V.....509
Rayner, D. S.....1007	Richmond, R. D.....2058	Romanoff, M.....1763	Sáenz, A.....4662
Razouls, P.....489	Richmond, W. L.....399	Romashkevich, I.....2042	Safroshkin, S.....4791
Rea, G. H.....3278	Richter, A.....1059	Romero Castañeda, R.....698	Sager, O. S.....61
Rebman, E. F.....4786	Richter, J.....3169	Romero Manrique, A....4661	Sailer, A.....1536
Rebour, H.....1360, 3597	Richter, P.....4366	Romney, V. E.....3515	Sailer, R. I.....3516-18
Reck, S. H., Jr.....4924	Rickard, J. A....1268, 4226	Romolotti, A.....571	Salas M., D.....5214
Rector, N. H.....3495	Ricker, G. H.....2405	Roney, J. N.....3635	Salazar Gerard, R.....3016
Reder, R.....231-2	Rickey, D.....2611	Rooks, C. F.....2668	Salinas, J. E.....1728
Red'kin, A.....3040	Riebold, C.....4789	Root, E. R.....3279	Salisbury, G. W.....2407
Redman, K.....3159	Ries, V. H.....1530, 1594	Roper, E. E.....3687	Salisbury, M.....18
Reed, C.....4925	Riesing, E. F.....4629	Roper, M. A.....5002	Saltwell, A.....4927
Reed, C. O.....3790	Riggin, I. C.....5220	Ropes, E. C.....5178	Samisch, R. M.....1060
Reed, H. J.....2354, 4858	Riker, A. J.....1074	Rorer, M. E.....1727	Sampson, F. R.....2754
Reed, J. M.....2911	Riley, G. E.....2652	Rorrison, J. M.....2500	Sampson, J.....3074
Reeks, W. A.....3106	Riley, L.....1362	Ros, W.....1122	Sampson, W. W.....3519
Reeve, P. A.....1280, 4637	Rio de Janeiro. Museu Nacional.....734	Rosborough, J. F.....1363	Samuels, J. K.....5064
Reeves, E. A.....1927	Rion, K. E.....4337	Roscoe, C.....2913-14	Samuelson, A. A.....1537
Reeves, F., Sr.....2667	Riser, W. H.....2589, 2602	Rose, P. S.....3688	Sanborn, L. D.....4961
Regel, C. von.....632	Ritcher, P. O.....3428	Rosen, H. R.....891	Sanborn, W. A.....138, 147
Regel, K. von. See Regel, C. von.	Ritter, G. J.....136	Rosendahl, R. O.....1880	Sanchez Duarte, J....4663
Reichart, M. A. L.....1860	Rivard, F.....2061	Rosenman, S. I.....150	Sanders, G. P.....61
Reid, E. B.....4323, 4364	Rivas Larraide, G.....2332	Rosner, S. F.....3074	Sanderson, C. J.....2633, 2653-4, 3017
Reifsnnyder, A. F.....2708	Rivero, M. J.....1308, 1330	Ross, A. F.....4367	Sanderson, F. H.....4275
Reimer, C.....1361	Roach, R. W.....2496	Ross, F.....3689	Sanderson, M. W.....3431
Reinelt, F.....1528	Roach, W. A.....696	Ross, H. H.....3542	Sandhouse, H. A.....333
Reinhard, H. J.....3473	Roark, R. C.....74-8	Ross, O. B.....3073	Sands, D. R.....849
Reis, J.....2806	Robb, C. J.....2497	Ross, W. H.....2017	Sankey, J. H. P.....3520
Reischle, H.....508	Robbins, F.....787	Rosser, F. T.....4411, 5213	Sanna, F. F. See Frau-Sanna, F.
Reiss, E.....1236	Roberson, F. K.....1531	Rossnagel, W. E.....2140	Sansom, T. K.....1166
Reitz, L. P.....1136	Roberson, Mrs. L. N....1532	Rost, C. O.....256, 1862-3	Sansome, E. R....1024, 1061
Reindu, A.....489	Robert, A. C.....2165, 4227	Rot, A. V.....3280	Santiago, M. R. de M....4368
Renshaw, B.....3751, 5301	Robert, F. A.....3429	Rot, D.....3280	Santos, E. de S.....2440
Research-Operations Conf.	Roberts, E.....2808	Rothrock, M. U.....487	Santos, E. G. dos.....3087
Soil Conserv. Serv....200	Roberts, H. R.....3950	Rouleau, E.....725-6, 766-7	Santos Carral, J.....1124
Retief, D. F.....2274	Roberts, J. A.....3849	Roumiguere, F.....2627	Sarasqueta, P. A. de.2916, 3282
Kettie, J. C.....137	Roberts, J. F.....3342	Rounds, M. B.....1684	Sargent, F.....5202
Reuss, C. F.....458	Roberts, O. C.....250	Rousseau, J.....727, 768	Sargent, J. W.....212
Reuther, W. P.....4885	Roberts, R. E.....2723, 2743	Rousseau, L. Z.....2062	Sartorio, A.....572
Reyes, E.....2495	Roberts, W. O.....696	Roussy, G.....2333	Sarvis, J. T.....1538
Reyes, R. V.....3168	Robertson, D. W.....1150-1	Routier, E.....4026	Sauchelli, V.....1137
Reyes F., E.....3598	Robertson, E.....2498	Rovesti, G.....633	Sauer, E. J.....4883
Heyneke, J.....1058	Robertson, E. I....2912, 3835	Rovira V., F.....1389	Sauer, E. L.....4962
Reynolds, E. B.....1237	Robertson, J.....806	Row, J. M.....2993	Saunders, A. R.....1138
Reynolds, H. A.....2225	Robertson, M.....2479	Rowe, I. B.....3951	Saunders, S. C.....3871
Reynolds, J. M.....3427	Robinson, B. D.....4926	Rowley, G. D.....1534	Savón Salaverry, J....2076
Reynolds, L. W.....105	Robinson, D. D.....2106	Roy, G.....798, 2125-6	Sawyer, L. E.....4424
Rézler, J.....4787	Robinson, J. L....4228, 4410	Royal English Forestry Soc.....610	Scanlan, J. J.....4606
Rhoad, A. O.....21	Robinson, K. W.....2792	Royal Inst. of Internatl. Aff.....658	Scarborough, J. H.....5013
Rhoades, H. F.....407, 409	Robinson, P. F.....5202	Royal Scot. Forestry Soc.. 610	Scarseth, G. D.....1864-7
Rhoads, T. F.....5255	Robinson, W. G.....2626	Rozanov, N.....2043	Schaal, L. A.....9, 892
R. I. Agr. Expt. Sta.296-8	Robinton, E. D.....4060	Rozeboom, L. E.....3496	Schacht, J. R.....3984
R. I. School of Design.541	Rocha Lima, H. da.....3430	Rozov, N. N.....1787	Schade, A. L.....3952
R. I. State Col. Ext. Serv.....446	Rocke, H.....410	Ru, S. K.....1165	Schaefer, C. W....2584, 3283
Rhodes, J. B.....3870	Rockwell, F. F.....1641-2	Rubbo, R.....2182	Schaefer, E. E.....893
Rhodes, N.....4365	Rode, A. A.....1739	Ruden, W. L.....4461	Schaetz, F.....2334
Ribeiro, J. A.....4104	Rodgers, Mrs. D. H....2041	Rudni, L.....4412	Schalk, A. F.....2335
Ribeiro, O.....5256	Rodriguez Fontes, L....2355	Ruegger, E.....3281	Schang, P. J.....2501
Ribeiro da Silva, C....2098	Rodríguez y Martínez, A. See Cáceres y Martínez, A. R.	Ruehe, H. A.....4027	Schaphorst, W. F.....2183
Ricardez, S.....4859	Roe, J.....1164	Ruiz M., B.....3964	Scharf, J. W.....2044
Rice, E. B.....2404	Roedel, H. V.....2809	Rumball, P.....4604-5	Scharnke, F.....5278
Rice, E. E.....5257	Roemer, C. H.....1810	Rumler, R. H.....3752	Scheibenpflug, H.....662
Rice, M. A.....960	Roemer, E.....4025		Schenck, H. E.....4754
Rice, V. A.....2244			



Item	Item	Item	Item
Schickele, R.....4886	Sen, S. N.....3171	Simha.....1331	Snyder, L. B.....4964
Schiffino, J.....2099	Sen Gupta, J. C.....1063	Simmonds, F. A.....139,2205	Snyder, R. S.....363
Schindler, C.....4325	Sentex, J.....575	Simmons, C.....1064	Snyder, W. C.....850
Schlotthauer, C. F.....2605	Seoane C., E.....1930	Simonds, W. W.....2096	Sobolevskaya, O. J.....1068
Schmalfuss, K.....634	Sequeira, O. de.....2918	Simonpietri, R.....2813	Sobrero, L. R.....1242,2169,3659
Schmid, A.....3284	Serebriakov, A. M.....4551	Simonpietri, R. H.....2814	
Schmid, F.....557,573	Serfontein, P. J.....2919	Simorra, J.....2277-8	Société des Agriculteurs de France.....489
Schmid, G.....1309	Sergeeva, M.....2563	Sims, J. A.....2409	Soffe, G. N.....1545
Schmidt, C. F., Jr.....1125	Serpieri, A.....510	Sinclair, R. D.....2566	Solanet, E.....2670-1
Schmidt, F. A.....1729	Serviss, G.....2441	Singh, Sir J.....4861	Solar, E. M. del.....4695
Schmidt, R.....1605	Setkina, V. N.....4305	Singleton, A.....3344	Solomon, M. E.....3377
Schmidt Funes, L.....3075	Severin, H. H. P.....221	Singleton, H. P.....2442	Somers, J.....4233
Schmied, G.....3285	Severson, H.....1868,2276,4928	Siniagin, I.....4664	Soneira Perey, A.....3822
Schmitz, W.....502		Sircar, N. N.....773	Sorenson, A. L.....445
Schnack, B.....770,986-7	Sewell, G. C.....3820	Sircar, S. M.....1065	Soto, E. R.....1731
Schneider, F.....3247	Sewell, Mrs. C. W.....5102	Sirol, J.....513	Soultrait, de.....489
Schneider, H.....3343	Seymour, E. L. D.....1540	Sites, J. W.....1075	South African Cane Growers' Assoc.....4665
Schneider, K.....4061	Seymour, E. Y.....2564	Sizer, I. W.....1104	S. C. Agr. Expt. Sta.....232,299-300
Schnellbacher, E. E.....5179	Seymour, J. W.....1541	Skinner, F. L.....1543	S. C. State Comm. of Forestry.....131
Schnelle, G. B.....574	Sezemov, M.....2563	Slagg, C. M.....4414	S. Dak. State Col. of Agr. Ext. Serv.....447-50
Schoenfeld, H.....4028	Shafir, Y.....3287	Slate, G. L.....1390-1	Southwick, L.....250,1366
Schofield, M.....4692	Shannahan, N. M.....1931	Slatter, W. L.....4062	Spackman, L. S.....4064
Schofield, M. A.....2917	Shannon, A. T.....4963	Slawson, H. H.....5153	Spafford, W. J.....1990
Scholz, H. F.....142	Shannon, F. A.....4977	Slifko, C. W.....2216	Spain. Instituto Nacional de Investigaciones Agronómicas.....1181,1282-3,1407
Scholz, R.....426	Shantz, H. L.....511	Slinger, S. J.....2733	
Schomer, H. A.....1080	Sharma, T. N.....3755	Sloan, H. J.....2749	Spain. Ministerio de Agricultura. Sección de Publicaciones, Prensa y Propaganda.....1359,1602,1694,2310,2656,2998,4475
Schoth, H. A.....295	Sharp, L.....1227	Slocombe, G.....4992	Spangenberg, G.....1792
Schour, I.....5215	Shaver, J. H.....1167	Slosser, J. W.....3757	Spangenberg, J.....4234
Schrader, O. H.....2166	Shaw, E. E.....2107	Sluder, J. C.....4372	Sparks, W. C.....1069
Schramm, W. O.....2100	Shaw, F.....1239	Smalley, H. R.....2019	Spaulding, I. A.....271
Schreiber, W. I.....2167	Shaw, H.....3172	Smallfield, P. W.....4464	Speirs, A.....2567
Schreiber, W. R.....4369-70	Shaw, J. C.....2503	Smallman, B. N.....3173	Speirs, M.....231-2
Schreuder, P. J. van der H.....2669	Shaw, R. N.....2504	Smirnov, N.....3836	Spellman, C. L.....5037
Schroeder, C. R.....2336	Shawl, R. I.....3780	Smit, B.....3174	Spencer, G.....3782
Schroeder, R. A.....1776	Shay, J. R.....894	Smit, B. J.....4063	Spencer, K. P.....4105
Schrumpf, W. E.....4287,4334	Shear, S. W.....4289	Smith, A.....4862	Spiegelman, S.....988
Schubart, O.....3376	Sheehy, E. J.....2634,2748	Smith, A. C.....2585,2612,2922	Spielman, A. A.....315
Schultz, C. B.....1790	Sheely, W. J.....4463	Smith, A. G.....312	Spielman, H. W.....3986
Schultz, W. O.....2275	Sheets, O. A.....231-2	Smith, A. M.....2628	Spohn, B. B.....445
Schuster, R. M.....3543	Shelest, P.....3781	Smith, C. C.....58,3106,4231	Spooner, H. L.....2923
Schwartz, B.....2337	Shellenberger, J. A.....4413	Smith, C. F.....422	Sprague, G. F.....1158,1168
Schwarzkopf, V.....3754	Shelley, F. C.....4607	Smith, D. C.....991	Sprague, V. G.....1243
Schweinfurth, C.....771	Shelton, E. J.....3058,3088,4492	Smith, D. D.....22	Spranger, N. D.....1286
Schweishelmer, W.....3985	Shelton, L. G.....5103	Smith, E. A.....1009	Spreng, H.....1367
Schweizerischer Bauernverband. Preisbericht-stelle.....4029	Shen, S. C.....2801	Smith, E. G. L.....1647	Squibb, R. L.....2410
Schwenck, W. A.....2710	Shepherd, R. E.....1542	Smith, G. A.....3107	Staack, W. E.....3288
Scott, C. W.....2085	Shepherd, T. L.....3475	Smith, G. M.....635	Stalfelt, M. G.....1070
Scott, G. C.....3953	Sherff, E. E.....772	Smith, H. D.....4230	Stabler, R. M.....3175
Scott, H.....3474,3544	Sherman, H. C.....5259	Smith, H. L., Jr.....3955	Staebner, F. E.....1933
Scott, M. H.....2141	Sherman, J. M.....4045	Smith, H. R.....2815	Stafford, J.....5216
Scott, M. I. R.....2792	Sherwood, L. V.....1685	Smith, J.....2228	Stafford, P. A.....3783
Scott, P. F.....2502	Shewell-Cooper, W. E.....1646,3600	Smith, J. A. B.....4415	Stahler, L. M.....1691
Scott, W. O.....242	Shigley, J. F.....3019	Smith, J. B.....2712,3821	Stal, N.....1649
Scovil, R.....5101	Shillinger, J. E.....3476	Smith, J. E., Jr.....1240	Stalker, E. D.....3478
Scoville, G. P.....4288	Shimolin, A.....4793	Smith, J. G.....663,1544	Stamberg, O. E.....363
Scripture, P. N.....1062	Shirras, G. F.....512	Smith, K. M.....860,928	Stamm, A. J.....2191
Scroggie, A. G.....4229	Shirreff, W. H.....2960	Smith, M.....10	Stanford, E. B.....514
Scul, H. G.....4230	Shirreff, Mrs. W. H.....2960	Smith, M. C.....217-18	Stanley, J.....1870
Scully, R. M.....1539	Shoemaker, A.....2812,2920-1	Smith, P. I.....4522	Stanton, H. R.....2568
Scully, W. J.....4462	Shoemaker, J.....2711	Smith, R. W.....1066,1648	Staples, R. R.....1244-5
Seamans, H. L.....3545	Shoeman, J. D.....3076	Smith, S. L.....81	Stare, F. J.....2587
Seamons, Mrs. J. E.....3850	Shokal'skaia, Z. Iu.....1791	Smith, T. J.....216	Starkay, J. E.....3289
Searls, E. M.....3170	Shorrock, R. W.....3434	Smith, V. R.....2443	Starr, G. H.....4335,4375
Seaver, F. J.....1644	Shouer, L. G.....3954	Smith, W.....5036	Staten, H. W.....293-4
Seaver, S. K.....224	Shoup, E. C.....3872	Smith, W. H.....1067	Staub, M.....4120
Seborg, C. O.....2205	Shrewsbury, C. L.....4521	Smith, W. R.....2168	Stauffer, J. M.....2063
Secher, T.....1225	Shrikhande, J. G.....3756,4693-4	Smith, W. S.....2505	Stauffer, W. H.....1871
Sechrist, E. L.....3286	Shtelman, S.....2565	Smith, W. T.....2184	Stebbing, E. P.....1991
Seckman, M. C.....1295	Shuck, B. R.....3521	Smith, W. W.....774	Stebbins, E. L.....4087
Seddon, H. R.....3018	Shukla, J. P.....4303	Smith, Y. F.....4232	Steck, L. J.....213,4088
Seeger, K. C.....2811	Smultz, E. N.....2408	Smock, R. M.....4373	Steel, J.....515
Seevers, C. H.....3433	Shweig, K.....3432	Snell, N.....1241	
Séguy, E.....591	Siddappa, G. S.....4371	Snell, R. S.....1932	
Seifriz, W.....961	Siebold, F.....4991	Snell, T.....3477	
Seissiger, J. H.....4491	Siems, H. B.....2018	Snell, T. W.....3691	
Seleznev, P.....4792	Sierra S., A.....1730	Snellgrove, E.....4552	
Selinger, A.....1645	Sievers, A. F.....177	Snider, H. J.....1869	
Selling, L. S.....599	Sigmond, P. N.....2961	Snow, C. F.....2971,4945	
Selman, I. W.....926-7	Silberstein, B. G.....4978	Snow, D.....4415	
Sen, N. R.....1063	Silva Osses, I.....5315	Snowball, J. G.....3389	
		Snyder, E. S.....4608	
		Snyder, G. B.....1686,4374	



Item	Item	Item	Item
Steele, C. F.....5038,5104	Summers, M.....3823,4610	Taylor, T. H. C.....3522	Tier, J.....2171
Steele, H. A.....4979	Sung, P.....969	Taylor, T. T.....778	Tilford, P. E.....856
Steele, J.....3791	Sunnell, A.....317	Taylor, W. R.....3693	Tiller, W. E.....2134
Steenkamp, J. L.....2012	Surface, V. A.....1934	Teague, C. E.....326,2571	Tillmann, E.....4675
Steere, W. C.....775-6	Surgalla, M.....4499	Teakle, L. J. H.....2027	Timofeev, V.....1126
Stefansson, V.....664	Surgenor, M. E.....2503	Teale, E. W.....3109,5303	Timofeeva, E.....4798
Steffek, E. F.....1546-7	Suri, H. D.....4674	Tebriaev, I.....4796	Timoshenko, V.....3293
Steidl, L. R.....2174	Sutherland, M.....1550	Technical Assoc. of the Pulp and Paper Indus.....	Tindall, C.....1874,1992,2444
Steimer, G.....3345	Sutton, J. G.....1935	2206	Tinline, M. J.....1993
Steinbach, H. B.....2799	Sutton, L. E.....5220	Tedrow, J. C. F.....296	Tinsley, J.....3347
Steinbauer, G. P.....248	Sutton, S.....1550	Tendeiro, J.....4235	Tinsley, W.....3294
Steiner, H. M.....3601	Svenska Träforskningsin- stitutet. Trätekniska Avdelningen.....2113,2142, 2148,2170,5325-6	Tenn. Agr. Col. Ext. Serv.....451	Tipton, B.....3089
Stennett, H. E.....1872	Swan, R. W.....1651	Tenn. Agr. Expt. Sta.301-2	Tischhauser, L. A.....2339, 2509
Stensson, J. V.....1548	Swanson, C. O.....4417	Teplitz, I.....4236	Tisdale, W. H. J.....3029
Stephens, D. F.....288	Swanson, Mrs. J.....1551	Terhune, B.....4034	Tishchenko, V. V.....1764
Stephens, H. C.....5154	Swartling, P.....4110	Termohlen, W. D.....4611	Tissot, A. N.....3178
Stephens, J. A.....3435	Sweden. Statens Väst- skyddsanstalt.....3112	Terrill, C. E.....568,2992	Titus, H.....254
Stephenson, R. E.....2020	Swenson, S. P.....314	Terry, J.....600	Tiurin, I. V.....1795
Stephenson, W.....2001	Swenson, T. L.....2211	Tesio, F.....2630	Tobón Villegas, A.....2077
Stephens, A.....3436	Svenstone, H. E.....2926	Teske, A. H.....853	Tobón Villegas, A. T.....1689
Stevens, O. A.....777	Swett, W. W.....2507	Teuber E., F. J.....854	Todd, M. E.....4613
Stevenson, F. J.....1605	Swinbank, J. C.....4414	Teuscher, H.....1556-7	Todoroff, A.....4466-7
Stevenson, J.....4929	Swineford, A.....1745	Tex. Agr. Col.....5265,5327	Toeva, J. L.....363
Stevenson, J. A.....802	Swingle, K.....4335	Tex. Agr. Expt. Sta.....232, 303-8	Tolley, H. R.....4865,4886
Stevenson, W. G.....2629	Swingle, K. F.....4375	Text. Agr. Expt. Sta.....	Tom, R. B.....430
Stewart, C. L.....5014	Switzer, W. M.....3692	Tex. State Bd. for Vocat. Agr. Ed.....5327	Tom, R. C.....2423
Stewart, C. W.....4666	Switzerland. Eidgenössi- sche Milchwirtschaft- liche und Bakteriologi- sche Anstalt Liebefeld, Bern.....4065	Tex. State Nutr. Council. Food Preserv. Com.....546	Tomalin, T. E.....1310,1653-6
Stewart, G. A.....1368	Swoboda, P.....1552	Textile Res. Inst., Inc... 542	Tomey, A. F.....2929
Stewart, P. H.....1873	Sydney. Univ. School Pub. Health and Trop. Med.3497	Thackrey, J. F.....4886	Tomlinson, J. E.....3853
Steyn, D. G.....2506	Sykes, E.....701	Tharin, H. K.....5155	Tomme, M.....2445
Steyskal, G.....3108	Sykes, Sir F.....516	Thayer, C. H.....1793	Tonkin, J. A.....4468
Stiff, H. A., Jr.....3176	Sykes, P.....5182	Thayer, S.....2587	Tontz, C.....1250,2930-1, 3295-6,3349
Stigler, G. J.....5217	Syme, P. S.....1247	Thaysen, A. C.....5221	Tooke, F. G. C.....2146
Stiles, M. K.....5015	Szabó, N.....4864	Theune, J.....1774	Torgeson, O. W.....143
Stirling, S.....4980	Szeberthy, J.....4795	Thibodeau, L. P.....2045	Toronto. Univ. Press. Editorial Off.....5279
Stitts, T. G.....4030-1,4070	Szyfres, B.....2816	Thiessen, E. J.....4335,4375	Torres Filho, A.....1746
Stoa, T. E.....1270	Tableman, H. G.....2508	Thirumalachar, M. J.....803, 895	Torres, R.....5237
Stock Owners' Central Co- op. Co. (Union of South Africa).....4465	Taff, P. C.....5105	Thistle, M. W.....4411,5213	Torres de Mello, A.....1733
Stoddard, C. C.....5306	Taft, C. E.....797	Thomas, A. S.....2207	Torres J., G. A.....3523
Stoddard, L. A.....309	Tagle V., I.....2338	Thomas, E. F.....2655	Torstensson, G.....2036
Stoeckeler, J. H.....142	Talbert, T. J.....261,4291	Thomas, H.....2229	Tortorelli, L. A.....962
Stoehr, J. A.....2992	Talbot, G. P.....4032	Thomas, I.....1169	Tostlebe, A. S.....47
Stokes, F. C.....4290	Talegón Heras, F.....2356	Thomas, J. E.....1074	Towe, L.....3856
Stokes, J., Jr.....5255	Tamayo, A. I.....1282	Thomas, L. G.....1937	Townsend, S.....2932,4931
Stollery, D. J.....2569	Tamés, C.....1936	Thomas, N. J.....1249	Townsend, T. L.....4965
Stoltz, E. H.....4609	Tanner, A. J.....2570	Thomas, W. P.....308,310	Townson, A. L.....1938
Storms, L. B.....5218	Tanner, C. D.....1553	Thomasset, L. F.....4237	Tracy, P. H.....4036,4059, 4135
Stouder, K. W.....238	Tanner, F. W.....4067,4348	Thompson, C. H.....2064	Traill, D.....4239
Stoudt, R. P.....2962-3	Tarabanoff, J.....1732	Thompson, C. P.....290,3059	Traves, C. W.....4614
Stout, A. B.....1549	Táriba, J. B.....4418	Thompson, H. G. See Gyle- Thompson, H.	Tremaine, H. M.....4240
Stout, L.....3851,4891	Tarrant, L.....3956	Thompson, J. B.....4304	Tressler, D. K.....3957,4376, 5260
Stout, T. M.....1790	Tate, H. D.....411	Thompson, L. N.....4612	Treweeke, R. L.....2965
Stout, W. W.....4717	Tator, S. W.....4033	Thompson, M. E.....1652	Troendly, M.....5106
Stoutemyer, V. T.....1071	Tattersall, A. R.....5302	Thompson, R. B.....286	Trucksis, W.....4741
Strange, H. G. L.....4416	Tatum, E. L.....989	Thompson, T. E.....4238	Truitt, P. T.....4553
Strate, J. T.....2423	Tausson, W. O.....1073	Thompson, W. C.....2928	TSvetov, IA.....4932
Stratton, D. T.....4993	Tavernier, H.....576	Thompson, W. L.....1075	Tucker, C. M.....864
Streeter, C. P.....1072	Taylor, A. E.....5183	Thomsen, L. C.....4035	Tucker, I. R.....3873
Strickland, E. H.....3177	Taylor, A. G.....2927	Thorburn, J. B.....4797	Tucker, R.....1150
Strickland, M.....2672	Taylor, B. R.....288	Thornberry, H. H.....930	Tulenko, P. Q.....3636
Strickland, W. B.....4175	Taylor, C. C.....4339	Thorold, C. A.....1076	Thummon, C. R.....4136
Stromblad, F.....1225	Taylor, C. R.....1248,4930	Thorp, J.....1794	Tuohy, E. L.....5222
Strong, A. M.....5180	Taylor, E.....3346,3602	Thorp, W. T. S.....3019	Tupper-Carey, H. D.....2446
Strong, C. K.....700	Taylor, E. L.....3378-9	Thorp, W. T. S.....3019	Turley, L.....3911
Strong, F. C.....851	Taylor, F. H.....3497	Thorp, W. T. S.....3019	Turnbull, R.....5304
Strong, J. A.....5181	Taylor, G. C.....1554	Thorp, W. T. S.....3019	Turner, A. J.....3603
Strong, M. H.....2613	Taylor, G. E.....568	Thorp, W. T. S.....3019	Turner, A. W.....3660
Stuart, E.....1369	Taylor, G. M.....1555	Thorp, W. T. S.....3019	Turner, C. W.....2281,2510
Stuckey, H. P.....1392	Taylor, H. M.....2964	Thorp, W. T. S.....3019	Turner, H. J.....3604
Stucky, H. E.....2411	Taylor, M. W.....2713-14,2751	Thorp, W. T. S.....3019	Turner, R. M.....4037,4419
Stüssi, D.....4106	Taylor, P. R.....4292	Thorp, W. T. S.....3019	Turnill, L.....2933-4,3825-6
Sturdevant, J. H.....1246		Thorp, W. T. S.....3019	Twin, C. R.....3179
Sturkie, F. D.....2925		Thorp, W. T. S.....3019	Tyler, A. E.....5004
Sturtevant, A. H.....3479		Thorp, W. T. S.....3019	Tyler, L. J.....896
Subba Rao, N. V.....3146		Thorp, W. T. S.....3019	
Subrahmanyam, V.....5219		Thorp, W. T. S.....3019	
Sugden, K. J.....4794		Thorp, W. T. S.....3019	
Sukhov, K. S.....929		Thorp, W. T. S.....3019	
Sullam, V.....4863		Thorp, W. T. S.....3019	
Sullivan, W. G.....225		Thorp, W. T. S.....3019	



Item	Item	Item	Item
Ubach, F. A.....2974	U. S. Dept. of Agr.--Con-	U. S. Dept. of State..5185	Venezuela. Ministerio de
Uber, E. H.....2715	tinued.	U. S. Foreign Econ. Admin.	Fomento. Dirección
Udiljak, M.....5259	Ent. and Plant Quar.,	Trade Relat. Staff..5186	General de Estadística...
Ulliyett, G. C.....3605	Bur. of.....64-78	U. S. Libr. of Cong...5328	525
Umoselle, C. A.....2935	Expt. Sta., Off. of.....	Gen. Ref. and Bibliog.	Venkatarao, C.....4555
Underwood, F. L.....3923	79-81	Div.....657,671	Venkateswarlu, A.....4555
Underwood, P. C.....2507	Ext. Serv...27,32,82-110	U. S. Natl. Bur. of	Venn, H. W. H.....2448
Union of South Africa.	Farm Credit Admin...111-	Standards.....2217	Verduci, P.....1105
Dept. of Agr. and For-	13,4007	U. S. Natl. Mus.....3391	Vt. Agr. Col. Ext.
estry.....819,893,1138,	Coop. Res. and Serv.	U. S. Navy Dept.....169	Serv.....452
1647,1657,1809,1834,	Div.....112,2009	U. S. Off. of the Co-	Verney, L.....2449
1877,1911,2021,2275,	Farm Security Admin.....	ordinator of Inter-Amer.	Verret, L.....1679
2669,2936,3454,3605	114-15,4007	Aff.....2412	Vestal, A. G.....1127
Com. on Reconstr.....4933	Fed. Crop Ins. Corp.....	U. S. Off. of War Inform..	Vial, E. E.....4457
Union of South Africa.	116	134,5189	Vianna, A.....1734
Secretary for Agr. and	Foreign Agr. Relat.,	U. S. Patent Off.....1332	Vianna, A. T.....3060
Forestry.....4799	Off. of....117-19,4554,	U. S. President (Harry S.	Vickerstaff, S. G.....5107
U. S. S. R. Sovet	4676	Truman).....524	Vickrey, K. C.....4469
Narodnykh Komissarov 1	Forest Serv.....120-47	U. S. War Prod. Bd.	Viégas, G. P.....1735
TSK VKP(b).....4866	Alaska Region.....120	Bur. of Program and	Vierheller, A. F.....374-5
United Nations Inform.	Appalachian Forest	Statis.....125	Vigil, C. C.....4420
Off.....517-18,665	Expt. Sta.....131	Off. of Prod. Res. and	Viktorov, P. P.....4241-2
United Nations Relief and	Cent. Forest Expt.	Devlpmt.....127,136	Vilenski, D. G.....1797
Rehabil. Admin.....665	Sta.....123	U. S. Women's Bur.....4800	Villares, J. B...2413,2512
U. S. Army-Navy-Civil Com.	Forest Prod. Lab..121-	Unsworth, J.....1994	Villee, C. A.....3480
on Aircraft Design	2,124,127-30,132,	Uphof, J. C. T.....1333	Villegas Botero, A....2022
Criteria.....128,138,147	136,138-41,143,146-7	Uphall, W. H.....1370	Vincent, R.....2208
U. S. Bureau of Foreign	Lake States Forest	Urbietta, F. de.....3987	Vine, V.....4934
and Dom. Com.....3965	Expt. Sta.....142	Urdaneta, I.....2357	Vining, K. K.....3694
U. S. Bur. of Labor	Northeast. Forest	Ureta R., E.....3606	Vinogradova, N. M.....985
Statis.....13	Expt. Sta.....137	Uri, D.....2937,3827	Virgin, G. I.....1638
Employment and Occup.	Pacific Northwest	Uribe, J. A.....3090	Va. Agr. Col.Ext.Div.453-7
Outlook Branch....4770	Forest and Range	Uribe B., R.....2340,3030	Va. Agr. Exot. Sta..231-2,
U. S. Bureau of the	Expt. Sta.....133	Urschel, W. E.....3760	311-12
Census.....519,531,5022	Graduate School.....148	Utah. Agr. Expt. Sta..308-	Va. Forest Serv.....611
U. S. Cong. House. Com.	Human Nutr. and Home	10	Va. State Planning Bd.5019
Agriculture.....520	Econ., Bur. of.....13	Valaer, P.....3988	Va. Truck Agr. Expt. Sta..
Appropriations.....666-9	Inform., Off. of..149-53	Valcárcel, F. F.....2341	231-2
Flood Control.....642	Library.....154	Valentine, F. W.....4800	Va. Univ. Ext. Div..5108-9
Foreign Aff.....521	Albuquerque Branch....	Valenzuela A., V. M...1940	Vivian, R. P.....5261
Insular Aff.....543	154	Valero R., J.....1875	Vogel, O. A.....314,1016
Special Com. to In-	Mktg. Serv., Off. of....	Valgren, V. N.....4747	Vogt, W.....1996
vestigate Food Short-	155-68,3949	Vallega, J.....897-9	Volk, G. W.....1879
ages...1945.....4667	Personnel, Off. of..169-	Valroger, P. de.....489	Volk, N. J.....2029
U. S. Cong. Senate. Com.	70	Van Ardel, W. B.....3958	Vollertsen, J. J.....4523
Agr. and Forestry...522,	Plant Indus., Soils,	Vance, D. A.....2179	Vondell, J. H....2752,2938
3924	and Agr. Engin., Bur.	Van Deman, R.....15-19	Vsesofuznoe Agronomiches-
Appropriations.....523	of.....27,32,171-8	Van der Laat, J. E....1772	koe Soveshchanie, 1945...
Commerce.....543	Rural Electrifi. Admin...	Vanderlinden, L.....2028	4867
Foreign Relat.....644	102,179,3843	Van der Walt, S. J....1690	Wade, G. C.....900
Irrig. and Reclam.....645	Sec., Off. of.....180-2	Van Elden, H.....1657	Wade, H. S.....1297
Territories and Insular	See also Personnel,	Van Fleet, C.....2172	Wadham, S. M.....1997
Aff.....670	Off. of.	Van Garderen, J....1876-7	Wadsworth, C. K.....1077
U. S. Dept. of Agr...1-215	Soil Conserv. Serv...90,	Van Gelder, H. E.....1558	Wadsworth, F. H....1128-9
Agr. Adjust. Agency..25-	183-203	Van Hof, M.....1559	Wadsworth, H. I.....5262
33	Biol. Div.....191	Van Horn, L.....4215	Wager, J. A.....1891
Agr. and Indus. Chem.,	Conserv. Expt. Sta.,	Van Melle, P. J.....1524	Wager, V. A.....1892
Bur. of.....34-5,2190	Bethany, Mo.....22	Van Sant, W. R.....2447	Wagley, J. F.....4524
Agr. Econ., Bur. of..36-	Forestry Div.....191	Van Sickle, J. V.....5039	Wagner, J. B.....2175-6
47,87	Irrig. Div....193,1939	Van Vuren, J. P. J....1251	Wagner, V. J.....1941
Agr. Res. Admin....48-9	Northwest Appalachian	Van Wagenen, J., Jr..1995	Wagnon, K. A.....2532
See also Agr. and	Conserv. Expt. Sta....	Varela, G.....1796	Wagoner, J. F.....4696
Indus. Chem., Bur.	20	Varela L., G.....1878	Wahl, H. A.....703
of; Anim. Indus.,	Nursery Div.....191	Varela Martínez, R....4668	Wainwright, C. J....3110
Bur. of; Dairy	Upper Miss. Region.186	Vargas, R. A. de.....779	Waite, W. C.....255,3925
Indus., Bur. of;	Supply, Off. of....204-7	Vasil'ev, A. S.....3761	Wakefield, A. B.....2065
Ent. and Plant Quar.,	War Food Admin....208-15	Vass, A.....4994	Wakeland, C.....3623
Bur. of; Expt. Sta.;	Dairy and Poultry	Vasumpaur, R.....1560	Walberg, A. O.....2282
Plant Indus., Soils,	Branch.....38	Vasumpaur, Mrs. R....1561	Walden, H. T.....4421
and Agr. Engin., Bur.	See also Agr. Adjust.	Vaugh, M.....3784	Waldner, C.....3298
of.	Agency; Comm. Cred-	Vaughn, E. C.....1287	Walford, S. M.....2818
Anim. Indus., Bur. of..	it Corp.; Distrib.,	Vaurabourg.....489	Walker, E. A.....374-5
50-2,565	Off. of; Ext. Serv.;	Vazquez Ponce, A....4137,	Walker, H. R.....37,1141
Com. on Natl. Ferti-	Farm Security Admin.;	4500	Walker, M. A.....1736
lizers and Lime Policy.	Fed. Crop Ins. Corp.;	Veiga, J. S.....2511	Walker, M. N.....1660
24	Mktg. Serv., Off. of;	Velasco Llano, V.....913	Walker, R.....2716
Commod. Credit Corp.53-9	Soil Conserv. Serv.;	Velasquez Q., J.....2342	Walker, V. N.....1563
Dairy Indus., Bur. of...	Supply, Off. of.	Veldhuis, M. K.....4359	Wall, G. M.....4293,4326
60-2	U. S. Dept. of Labor	Veloz, L. B.....2817	Wallace, E. R.....901
Distribution, Off. of...	Wage and Hour and Pub.		Wallace, G. B.....902
63	Contracts Divs. Econ.		
	Branch.....544		



Item	Item	Item	Item
Wallace, M. M.....902	Welch, J. H.....1948	Wilkinson, E. M.....3959	Wolfe, J. M.....2719
Wallace, R. H.....704-5	Wellington, R.....1371-3	Willahan, L. T.....4422	Wolff, E.....4936
Wallace, T.....636,1078	Wellington, W. G.....3111	Willard, J. A.....2124	Womacks, Mrs. P. C.....5157
Wallach, J. B.....3899	Wellman, F. L.....4697	Willham, O. S.....289,3041	Wood, C. W.....1578-9
Waller, E. F.....452	Wells, W. G.....1894	Williams, B. H.....1798	Wood, F. L.....2755,3186
Waller, M.....4243	Wendt, G. von.....2284	Williams, C. R.....3484	Wood, K.....3187
Wallin, B.....2572	Wenger, R. D.....2975	Williams, D. A.....1027	Wood, M. A.....217
Wallis, G. A.....1942	Wentworth, W. A.....4039	Williams, D. C.....445	Wood, P. M.....4068
Walls, E. P.....1737	Wenzel, F. W., Jr.....4378	Williams, E.....428	Woodard, E. M.....1667
Walsh, G. B.....3524,3546	Werner, C. F.....2717	Williams, E. W.....3912	Woodburn, R.....1748
Walsh, T.....1079,1775	Werner, F. G.....3438	Williams, F. M.....4738	Woodman, A. G.....3301
Walters, D. V.....1943-6	West, J.....527	Williams, G. H.....3357	Woodman, L. H.....3382
Walters, T. G.....1661	West, J. R.....2966	Williams, G. P.....3768	Woodroffe, F. B.....1580
Walton, J.....5305	West, T. F.....3182	Williams, I.....1395	Woods, F. M.....2574
Wamble, A. C.....4556	West of Scotland Agr. Col.....3294,3347	Williams, J. L.....3439,3989	Woods, J. A.....2024
Wand, R. B.....2114	W. Va. Agr. Col. Ext. Serv.....466-77	Williams, L. O.....1573	Woodside, J.....2360
Wang, H. R.....907	Westberg, J.....2944	Williams, M. D.....3031	Woodward, H. R.....707
Wang, I. M.....3381	Westbrook, E. C.....4245	Williams, P. C.....4639	Woodward, L.....1949
Wannop, A. R.....3674	Westbrook, F.....2173	Williams, P. M.....3905,4295,4327	Wooten, W. A.....4248
Ward, A. L.....4244,4557,4719	Westcott, C.....3183	Williams, W. C.....3042	Worden, F.....577
Ward, C. A.....4005	Weston, T. A.....1567	Williams, W. R. L.....3697	Work, P.....4296
Ward, C. F.....1393	Weston, T. A., Jr.....4698	Williamson, A. H.....2115	Working, E. J.....3926
Ward, F. G.....1564,2939	Weston, W. A. R. D.860,905	Williamson, H. F.....4616,5281	Workman, H. M.....4423
Ward, G. H.....4038,4615	Wetzel, G. F.....3696	Williamson, J. T.....1881	World Trade Alliance Assoc.....497
Ward, J. D.....4946	Wetzel, P.....2718	Williamson, T.....4892	Worley, S. L.....4937
Ward, R.....3481	Whalley, M. E.....545	Williner, G. J.....3637-8	Wormell, R. L.....4558
Ward, W. F.....229	Wheaton, W. L. C.....5053	Willis, A. C.....5188	Worth, A.....3302
Ware, H. G.....2940	Wheeler, G.....3608	Willis, J. H.....782-3	Worth, C. B.....659
Warner, O. F.....3181	Wheeler, J. T.....5110	Willis, J. R.....2573	Wray, F. E.....2720-1
Warren, D.....94	Wheeler, L. A.....119	Willis, L. G.....2023	Wright, H.....2361
Warren, S. W.....3695	Wheeler, L. R.....3609	Willis, P. S.....3905	Wright, H. J.....1738
Warrington, S. T.....3837	Wheeler, W. A.....4638	Willis, R.....4328	Wright, J. S.....3699
Washburn, L. E.....2423	Wheeler, R. N.....781	Willman, J. P.....3021,3032	Wright, J. W.....4249
Washburn, R. G.....276	Wherry, E. T.....1568-9	Wilmanns, W.....502	Wright, K. E.....1082
Wash. Agr. Expt. Sta...313	Whewell, C. S.....3750	Wilmore, S.....1574	Wright, M.....708
Wash. State Col. Ext. Serv.....458-65	Whisman, M. E.....325,328	Wilmot, J.....546	Wright, N. C.....4415
Wasmuth, G. V.....470-4	Whitacre, J.....232	Wilson, A. M.....449-50	Wright, P. A.....4471
Waterman, A. M.....903	Whitcomb, L. R.....351	Wilson, D.....4246	Wright, P. H.....709,3303
Waterman, W. C.....1947	White, C.....1394	Wilson, E.....2045,2967	Wright, R.....1524
Waters, L. E.....4294	White, C. T.....728,1664	Wilson, F.....3185	Wunderlich, F.....4720
Waters, N. F.....2819-20	White, R. C.....5111	Wilson, F. G.....2066	Wunsch, J. K.....862
Watkins, J. M.....1252	White, R. F.....3762	Wilson, F. L.....4067	Wyant, R.....3304
Watlington, J. R.....1171	White, R. O.....998	Wilson, F. R.....5016	Wygodzinsky, P.....3640
Watson, C.....2513	White, R. P.....4699	Wilson, G. F.....3612	Wyllie, C. E.....2454,2575
Watson, Sir H.....2078	Whitehead, J.....706	Wilson, H. F.....3525	Wyllie, L. J.....203
Watson, I.....2994	Whitehead, S. B.....1374,1570	Wilson, H. K.....1691	Wyman, D.....710
Watson, J.....1998	Whitehouse, F.....2358	Wilson, H. L.....62	Yackulic, G. A.....914,4379-80,4802
Watson, J. A. S.....5263	Whitehouse, W. E.....935	Wilson, H. Van P.....1575-7	Yarham, E. R.....2079
Watson, J. R.....5280	Whiteman, R.....1254	Wilson, I.....2753	Yarmolinsky, H.....5259
Watson, L. R.....3299	Whiteman, T. M.....1080	Wilson, J. B.....3698,3785	Yarnell, S. H.....232
Watson, M. A.....920-1,4525	Whiting, A. R.....3483	Wilson, J. F.....4247	Yearwood, R. D. E.....4643,4669-70
Watson, R. D.....904	Whitlow, H. M.....5223	Wilson, J. O.....2056,2090	Yeates, F. G.....1581
Watson, R. H.....3020	Whitt, D. M.....22	Wilson, M. L.....110,487,5282	Yeates, M. T. M.....2792
Watson, W. P.....2433	Whittet, J. N.....1255-6	Wilson, W. O.....2754	Yee, J. Y.....2017
Waugh, F. V.....3900,4886	Whittle, C. A.....4868	Wing, C.....4935	Yisraelit, H.....3547
Waxman, Z. A.....1773	Whittleston, W. G.....3763-4	Wingo, T. R.....4329	Yolton, L. A.....147
Way, G. S.....2283	Wibel, N. E.....1665	Winkler, H.....1638	Youhotsky, M. J.....2108
Wazir, V. L.....4470	Wichers, H. E.....3797	Winnigstedt.....4869	Young, A.....4618,4938,5158
Weast, C. A.....4377	Wickard, C. R.....180-2,3901	Winter, J. D.....861,3960	Young, F. G.....2468,3003
Weaver, L. A.....3091	Wicks, A. T.....1666	Winters, J. C.....5224	Young, M. L.....1257-8,1298,2414,5029
Weaver, L. E.....2821,2941-2	Widdowson, E. M.....5249	Winton, A. L.....602	Young, P. F.....3700
Webb, A.....3300	Widmer-Mösl, U.....3354	Wirta, K. B.....602	Young, S. H. A.....2192
Webb, C. G.....1253,1999	Wiebe, G. A.....729	Wirtz, P. C.....4617	Young, V. A.....1692
Webber, M.....1662	Wiederhold, E.....5227,5252,5264	Wis. Agr. Col. Ext. Serv..478	Young, W. R.....1950
Weber, A. D.....2450-3	Wieting, C. M.....5156	Wis. Univ.....121-2,124,127-30,132,136,138-41,143,146-7	Youngs, R.....2722,2945
Weber, C. W.....4045	Wiggins.....4801	Wissler, C.....2359	Yu, T. F.....907
Weber, Mrs. K.....1565	Wigglesworth, V. B.....3184	Withrow, A. P.....1081	Yung, F. D.....265-6
Weber, N. M.....1893	Wightman, A. J.....3610	Witschi, F.....3298	Zabliaka, N.....2576
Webster, C. M.....526	Wiidakas, W.....1172,3611	Wittwer, S. H.....1776	Zachrisson, A.....1225
Webster, H. H.....780	Wilby, F. W.....4091	Witz, R. L.....3828	Zacks, M. B.....1083
Webster, J. D.....3482	Wilcox, E. B.....5262	Witzel, S. A.....3838	Zäch, C.....3305
Weddell, J. A.....3437	Wilde, J. K. H.....2515	Wodehouse, R. P.....637	Zagor, M.....1139
Weeden, V. W.....1566	Wilde, S. A.....1880	Wolberg, F. B.....315	Zappi-Recordati, A.....592
Weeks, R. P.....3607	Wildon, C. E.....1571-2	Wolcott, G. N.....3639	Zehner, W. H.....3701
Weger, F.....2943	Wileman, R. H.....3765-7	Wolcott, L.....5040	Zellenrath, T.....4700
Wegmann, F.....3352	Wiley, J. R.....2823		Zendejaj, L.....1281
Wehrwein, G. S.....2066	Wilhelm, L. A.....365		Zentmyer, G. A.....863
Weick, L.....1663	Wilkinson, A. E.....349		
Weischer, F.....2514	Wilkinson, E. H.....906		
Weiser, H. H.....4066			
Weiss, H. B.....5306			
Welch, H.....2822			



	<u>Item</u>
Zepp, C. P.....	2606
Zernova, E. I.....	4161
Zevada, R. J.....	3927
Zhuravleva, A.....	2025
Zich, G. E.....	4619

	<u>Item</u>
Ziegler, C. E.....	3769
Ziegler, P. R.....	3770
Ziegler, P. T.....	3054
Zieman, Mrs. L. H.....	2985
Zillgitt, W. M.....	142

	<u>Item</u>
Zimmer, E.....	1024
Zimmerley, H. H.....	232
Zimmerman, C.....	4297
Zingg, A. W.....	22
Zorilla, M.....	5237

	<u>Item</u>
Zotikov, V. E.....	4250
Zottner.....	2343
Zuev, N.....	4381
Zumbro, P. B.....	2824
Zuroske, C. H....	4298, 4472



# SUBJECT INDEX

- | Item   | Item   | Item   | Item   |
|--|--|--|--|
| Abies. <u>See</u> Fir.   | Agrarian systems. <u>See</u>   | Agriculture--Continued.  | Algae  |
| Abies balsamea. <u>See</u> Fir, balsam.  | Land, tenure.  | Paraguay.....4803  | California.....635   |
| Abnormalities and deformities. <u>See</u> subhead                                      | Agreements. <u>See</u> International agreements and treaties; <u>and</u> <u>under</u> specific subjects. | Paraguay River Basin....4827                                     | <u>See also</u> names and classes of Algae.                                  |
| abnormalities <u>under</u> Insects; <u>and</u> subhead                                 | Agricultural Com. for Amer.-Soviet Friendship, Inc.....479   | Peru.....4704,4842   | Algarrobo. <u>See</u> Mesquite.  |
| anomalies <u>under</u> Plants  | Agricultural Conserv. Program.....28   | Portugal.....4702  | Alizarin oil.....4551  |
| <u>and</u> names of animals and plants.  | New Hampshire.....29   | postwar... 486,500,4870, 4872-3,4875, 4879-80,4882-3, 4885       | Alkaloids.....1055,1100  |
| Abortion, contagious. <u>See</u> Brucellosis.  | New Jersey.....30  | Great Britain.....483  | All-Union Agron. Conf., 1945.....4867  |
| Acacia, greenwattle...1115   | Oklahoma.....26  | situation and outlook... 4815,4843,4886                          | Allergies  |
| Acacia decurrens mollis. <u>See</u> Acacia, greenwattle.                               | Southern States.....26   | Sweden.....4876  | in livestock.....2336  |
| Acantholoma Stal. <u>See</u>   | Texas.....33   | Tennessee.....4856   | <u>See also</u> Hay-fever plants.  |
| Acantholomidea n. n.   | Agricultural economics. <u>See</u> Economics.  | Turkey.....4718  | Allocoris.....3518   |
| Acantholomidea n. n....3516  | Agricultural engineering. <u>See</u> Engineering.  | Union of South Africa... 4706,4933                               | Allotments.....4898  |
| Acanthoscelides obtectus... 3406   | Agricultural experiment stations. <u>See</u> Experiment stations.  | U. S. S. R....484,4712, 4824,4867,5282                           | Allylthiourea.....1004   |
| Acarapis woodi...3228,3264, 3298   | Agricultural extension. <u>See</u> Extension work.   | Kirghizia.....4838   | Almonds.....1396   |
| Acaridae   | Agricultural history. <u>See</u> History.  | maps.....654   | pests.....3579   |
| populations.....3377   | Agricultural products  | Tadzhikistan.....4838  | Alpine plants.....1453   |
| <u>See also</u> names of genera.   | costs and returns...4953   | Ukraine.....4854   | Alsophila pometaria...3569   |
| Acarina.....77   | India.....5322   | Uzbekistan   | Altica ampelophaga...3399  |
| Accidents  | Minnesota.....255  | Molotov (region)....4857   | Alumina.....4227   |
| forest.....2123  | processing.....3934  | Western States.....494   | Aluminum hydroxide...3067  |
| prevention....2154,3654  | situation and outlook... 3671  | <u>See also</u> Farms and farming; <u>and</u> specific subjects. | Amanita.....1105   |
| <u>See also</u> Safety.  | utilization  | Agronomy. <u>See</u> Fertilizers; Field crops; Soils.            | Amaranthus gangeticus.1664   |
| Accounting....4939,4942-3  | industrial.....3877  | <u>See also</u> Wheatgrass.                                      | Amathes agathina virgata n. ab.....3610                                      |
| <u>See also</u> Farms and farming, records; <u>and</u> <u>under</u> specific subjects. | <u>See also</u> Raw materials; <u>and</u> specific subjects.   | Agropyron.....732  | Amblyomma americanum and disease.....3359                                    |
| Acer pseudoplatanus. <u>See</u> Maple, planetree.                                      | Agriculture....4804,4810, 4813,4835,4865, 5282   | <u>See also</u> Wheatgrass.                                      | American dog tick. <u>See</u> Dermacentor variabilis.                        |
| Acetonomia   | Africa.....511   | Agropyron smithii. <u>See</u> Wheatgrass, bluestem.              | American Farm Bur. Fed.... 4956  |
| in cattle.....2502-3   | Alabama.....327  | Airplanes  | <u>See also</u> names of farm bureaus.                                       |
| Achillea tomentosa aurea... 1441   | Argentina.....4845-6   | construction.....147   | American Libr. Assoc.  |
| Achlya flavicornis....3549   | Belgium.....482  | in agriculture.3655,3879   | Books for Latin Amer.  |
| Achras sapote. <u>See</u> Sapodilla.   | bibliographies.660,5299  | in apiculture.....3291   | Proj.....649   |
| Acidophilus milk.....4118  | Brazil.....3970  | in transportation.3890, 4148,4560,4572,4586                      | American midew   |
| Acids.....2001   | Canada.....4806,4833   | wood.....138,173   | of gooseberry.....905  |
| effect on plants....1077   | bibliographies...5279  | <u>See also</u> Dusts and dusting, by airplane.                  | American Pomol. Soc...4291   |
| Acoelium pyrrhia n. sp.... 3526  | British Columbia.4851  | Airports.....296   | Ammonia  |
| Acrolepia assectella..3591   | Nova Scotia.....4821   | Ala. State Planning Bd.... 5317                                  | in plants.....1015,1094  |
| Actinomyces ipomeae  | Ontario.....4819   | Alberta Dairymen.....4000  | Ammonium nitrate   |
| on sweetpotato.....904   | Corn Belt.....4878   | Albinism, in plants...996  | effect on plants....2023   |
| Actinomycosis.....2316   | Cuba.....4708  | Alcohol  | fertilizers.....2017   |
| Adenitis, equine. <u>See</u> Strangles.  | Ecuador.....647  | from wood...127,131,2172   | Amorphophallus rex...1535  |
| Adhesives.....2170,2213  | Egypt.....4830   | Alexogloblinia n. g...3452                                       | Amphilophis pertusa...803  |
| resin.....141  | Eire.....4834  | Aleyrodes.....3519   | Amphimallon majalis...272  |
| <u>See also</u> Glue.  | Germany...652,4809,4811, 4820,4852,4869  | Alfalfa.....377  | Amylase.....4303   |
| Adobe, bibliographies..178   | Great Britain...492,516, 4807,4812,4817, 4826,4859,4862  | Argentina.....1242   | Anaphylaxis  |
| Advertising.....5115,5147  | Scotland.....4825,4831   | biochemistry.....1095  | in livestock.....2336  |
| <u>See also</u> subhead marketing <u>under</u> names of commodities.                   | handbooks.....406  | breeding.....1187  | Anastrepha ludens....3447  |
| Aedemon n. g.....3603  | Hungary.....4818,4864  | culture.....1191,1210  | Anatto tree.....1733   |
| Aedes aegypti.....3486   | India.....495,4711   | effect on soils....1832  | Anemone.....1436,1536  |
| and disease.....3489   | Indiana.....366,4858   | Honduras.....1212  | Anesthesia.....2328  |
| Aedes hensilli n. sp..3488   | Isle of Man.....4832   | nutritive value....2246  | for livestock.....2339   |
| Aero Defoliant.....1173  | Italy.....496,510,4863   | pests.....69   | Aneurin. <u>See</u> Thiamine; Vitamin B; Vitamin B1.                         |
| Aeroplant.....3111   | Kentucky.....4847  | varieties.....243  | Angelica.....1727  |
| Aerosols.....3129  | Latin America.....4829   | yields.....363   | Angoumois grain moth. <u>See</u> Sitotroga cerealella.                       |
| Afforestation. <u>See</u> Reforestation.   | Mexico.....4715,4855   | Alfalfa hay..363,1095,2443                                       | Animal industry  |
| African horse sickness. <u>See</u> Horse sickness, African.                            | Jalisco.....4822   |  | India.....495  |
| Agave  | Michigan.....383   |  | study and teaching..2358   |
| honey plant.....3188   | Mississippi.403,504,4719   |  | Animal Industry, Bur. of. <u>See</u> <u>under</u> U. S. Dept. of Agr.        |
| Aglaopa infausta.....3579  | Netherlands East Indies bibliographies.....671   |  | Animals.....655  |
| Agrarian reform. <u>See</u> Land, reform.  | New Zealand.....4860   |  | breeding.....5273  |
|  | organization   |  | carcasses.....4475   |
|  | Colombia.....5116  |  | <u>See also</u> Livestock; Ruminants; Wildlife; <u>and</u> names of animals. |
|  | Uruguay.....5125   |  | Anobium pertinax....3397   |
|  |  |  | Anomipsia.....3420   |
|  |  |  | Anopheles  |
|  |  |  | and disease.....3497   |
|  |  |  | control.....3485   |
|  |  |  | Greece.....3487  |



<u>Item</u>	<u>Item</u>	<u>Item</u>	<u>Item</u>
Anopheles quadrimaculatus. 3491 breeding places.....3496 control.....3490,3492	Apiculturists.....156,5290 Apis mellifera.....556,3271 anatomy and physiology.. 583,3255 as pollinators.....1180, 1729,3204,3213, 3232,3234,3241, 3257,3262 breeding.3214,3231,3236, 3248-9,3270,3272, 3299 diseases....3192,3205-6, 3212,3218,3221, 3223,3228,3235, 3246,3250,3254, 3264-5,3286-7, 3298,3330 Great Britain.....3222 habits and behavior.584, 3196,3200,3215, 3230,3240,3260, 3267 nutrition...386,3209-11, 3226-7,3237-8, 3243-4,3252, 3268-9,3278,3295 pests....3198,3201,3285, 3301 poisoning....3222,3232, 3247,3305 races.....3216 reproduction.....3221 shipping.....3291 <u>See also</u> Apiculture: Beeswax; Honey; Pollen; Repellents, for bees.	Aquatic plants.....715,945 Arachnida and disease.....564 Aralac.....4167 Araneida. <u>See</u> Spiders. Araucosimus superbus n. sp.....3450 Arboretums.....710,1479 Arctotis grandis.....1464 Ardil.....4239,4243 Argasidae Central America.....3363 Cuba.....3363 North America.....3363 <u>See also</u> names of gen- era. Argentina. Ministerio de Agricultura y Cría...3371 Argiopidae Haiti.....3360 <u>See also</u> names of gen- era. Ariboflavinosis.....2600 Ark. Univ.....2229 Armed forces food.....5211 <u>See also</u> Labor, and the armed forces; Land, military; U. S. Army; Veterans; Veterinary medicine; <u>and under</u> specific subjects. Aromatic plants.....1701 Aromia moschata.3405,3421, 3435 Arrhipis.....3409 Arrowroot.....4279 Artemisia.....780 Arthropods and disease.....659 control.....74 <u>See also</u> names of Arthropods. Articephala phasmella n. sp.....3388 Artificial insemination... 568,2234-5,2238 cattle...2363,2369,2372, 2380,2383 cooperatives.....2384, 2390,2414 horses.....2615 Artificial limbs.....2150 Asarum canadense.....1470 Ascochyta corticola on citrus.....872 Ascorbic acid in blood plasma.....5193 in food.....231,5262 in fruit.....5252 in plants.....1098 stability.....4375,5264 <u>See also</u> Vitamin C. Ashes in soil improvement.2037 Asiatic rice borer. <u>See</u> Chilo simplex. Asociación de Criadores de Ganado Holandés "Chile".....2386 Asparagus.....1602 culture.....1641 Palestine.....1645 Aspergillus in turkeys.....2766 Aspergillus terreus...1037 Asses.....237,2657 Assessment.....4722 Astragalus.....768 Atropa belladonna. <u>See</u> Belladonna. Belladonna.	Attitudes women.....273 youth.....5107 Attractants, for insects. <u>See under</u> Baits and traps, for insects. Aubrietia.....1449 Auchenorhyncha.....3506 Auctions. <u>See subhead</u> pur- chasing <u>under</u> names of commodities. Automeris eophila.....3557 Automeris io.....3568 Auxins. <u>See</u> Growth sub- stances for plants. Avena. <u>See</u> Oats. Avitaminosis. <u>See sub-</u> <u>heads under</u> Vitamins. Avocados culture.....1315 diseases.....1064,1684 Axes.....2116 Azotogen.....2025  B. C. Tree Fruits Ltd..... 4319 Babcock test.....4052 Bacillary white diarrhea. <u>See</u> Pullorum disease. Bacon.....4510 Canada.....4495,4508 Bacteria.....981 heredity.....973,977 in soils.....1768,1770 technique and equipment. 978 <u>See also</u> names of bac- teria; <u>and under</u> names of commodities. Bacterial diseases of banana.....913 of cherry.....909 of Dianthus.....856 of potato.....910 <u>See also</u> names and classes of bacterial diseases. Bacterial ring rot, of potato.....908,914 Bacterium solanacearum on banana.....913 Bagpod.....2485 Bags.....2017 Jute.....4219 Bagworms. <u>See</u> Psychidae. Bailey, Liberty Hyde..5298 Baits and traps for fish.....3636 for insects...3099,3175, 3623 attractants.....3593 Bakery products.....5261 Balers.....3721 Balm tree, Peru balsam... 4697 Balsam of Peru. <u>See</u> Balm tree, Peru balsam. Bamboo.....1708 Banana root borer. <u>See</u> Cosmopolites sordidus. Bananas.....118 diseases.....825,913 pests.....3396,3437 Bang's disease. <u>See</u> Brucellosis. Bankhead-Jones Farm Tenant Act.....4982 Banks and banking credit.....4725 <u>See also</u> Credit. Barberry, control.....1672



- Barley**.....4393  
analysis and com-  
position.....4383  
anatomy and physiology..  
969  
as feed.....3043  
Canada.....4398  
culture.....1142  
diseases.....85,990  
varieties.....292-3  
**Barley, irregular. See**  
**Hordeum irregulare n. sp.**  
**Barns**  
cleaning.....3828  
dairy.....3812  
designs and specifica-  
tions.....3806  
equipment.....3674  
**See also Sheds.**  
**Barrels**.....2175-6  
**Basil**.....1838  
**Bats**.....560,2355  
**Batteries, storage**.....136  
**Beams, laminated**.....124  
**Bean weevil. See Acan-  
thoscelides obtectus.**  
**Beans**  
canning.....4375  
culture.....1594  
dried.....4341  
pests.....3118  
varieties.....1616,1654  
**See also Broadbeans;**  
**Soybeans.**  
**Beans, lima**  
nutritive value.....5262  
varieties.....1587  
**Beans, mung**.....281  
**Bearings (machinery)**..3696  
**Bee Diseases Insurance**  
**Ltd.**.....3223  
**Bee Pest Prevention Act**  
**(North. Ireland), 1945**....  
3194  
**Beef**  
Australia.....4447,4453,  
4456,4468,4471  
Great Britain.....4481  
situation and outlook...  
4450  
**Bees. See Apiculture;**  
**Apis; and names of fam-  
ilies and genera.**  
**Beeswax**.....3208,3225,3234  
**Beet leafhopper. See**  
**Eutettix tenellus.**  
**Beetles. See Coleoptera.**  
**Beets**  
anatomy and physiol-  
ogy.....1021,1059  
**See also Sugar beets.**  
**Beggarweed, Florida. See**  
**Tickclover, Cherokee.**  
**Begonia**.....171,758  
culture.....1412,1553  
history.....1439  
varieties...1422-3,1489,  
1565  
**Begonia dregel**.....955  
**Begoniaceae**.....734  
**Belladonna**.....928  
**Bentgrass**.....1185  
**Benzene hexachloride,**  
**gamma. See 1,2,3,4,5,6**  
**Hexachlorocyclohexane.**  
**Bermuda grass**.....2501  
**Berries**.....1290  
Canada.....1385  
culture.....1391  
equipment.....3760  
for processing.....1376  
harvesting.....3760  
spraying and dusting.375  
**Berries--Continued.**  
**See also names of**  
**berries.**  
**Bertrand, Paul**.....5305  
**Betula. See Birch.**  
**Betula lutea. See Birch,**  
**yellow.**  
**Beverages. See names of**  
**beverages.**  
**Bibliographies**  
agriculture.....660,5299  
Canada.....5279  
biological science..5328  
brucellosis.....2289  
DDT.....78  
Derris.....1723  
drainage.....193  
earth construction...178  
electricity, Canada.5279  
farm structures.....176  
food.....596  
forestry, Canada....5279  
Government publications.  
649  
ice cream.....4014  
irrigation.....193  
Kans. Agr. Expt. Sta.244  
land settlement....5279  
Netherlands East Indies.  
671  
N. Y. Agr. Col.  
(Cornell).....413  
N. Y. (Cornell) Agr.  
Expt. Sta.....413  
nutrition (human)...596  
periodicals.....154  
population, Canada.5279  
postwar planning....518  
social sciences....5328  
straw.....545  
textiles.....542  
United Nations Relief  
and Rehabil. Admin..665  
U. S. Dept. of Agr....11  
water power, Canada.5279  
wood.....140  
wood preservation...130  
**See also names of**  
**authors of publica-  
tions.**  
**Bindweed**.....999,1685  
control.....1691  
**Biographies**.....657  
**See also under names of**  
**persons.**  
**Biological balance**....5274  
**Biological control**  
of insects.....3121,3605  
of wildlife.....5277  
**Biological Stain Comm.**..650  
**Biometry. See subhead**  
**statistical methods under**  
**Botany.**  
**Birch**.....1053  
**Birch, yellow**  
wood.....128  
**Birds**.....184  
**See also names of birds.**  
**Bixa orellana. See**  
**Annatto tree.**  
**Black markets**....3894,3899  
**Black rot**  
of rutabaga.....912  
**Black scale. See Saissetia**  
**oleae.**  
**Black spot**  
of rose.....312  
**Blackberries**.....1387  
**Blackhead, in turkeys**..2770  
**Blackleg, of broccoli**..838  
**Blair, K. G.**.....3385  
**Blanching**.....4241-2  
**See also under specific**  
**subjects.**  
**Blastophaga**.....3529  
**Blight**  
of barley.....85  
**See also Late blight, of**  
**potato; Red leaf**  
**blight, of cotton.**  
**Blight (animal). See**  
**Keratitis, infectious.**  
**Blind-seed disease**  
of ryegrass.....1220  
**Blister rust**  
of white pine.....885  
**Bloat**  
in livestock.....2335  
in rabbits.....2972  
**Blood**  
analysis and composi-  
tion.....2324  
of cattle.....2651  
of horses.....2651  
**Blood transfusion**....2322  
**Blowflies**  
control.....3454  
**See also names of gen-  
era.**  
**Blue comb disease. See**  
**Pullet disease.**  
**Blueberries**  
culture.....1375  
frozen.....4338  
prices.....4338  
**Bluebonnet, Texas. See**  
**Lupinus.**  
**Bluegrass, Kentucky**...991,  
1193,1243  
**Bluestem**.....288  
**Bo tree**.....672,1031  
**Boars**.....3036,3038  
**Boerhaavia diffusa**....773  
**Bogs, peat**.....948  
**Bolbothrips aztecus n. sp.**  
3628  
**Boloria arsilache**....3608  
**Bombyx mori**.....556,3625  
rearing and breeding....  
582,590  
**Bonemeal**.....2021  
**Bookkeeping. See Account-  
ing.**  
**Boophilus annulatus**  
Argentina.....3371  
**Boric acid**.....1756  
**Boron, effect on plants**...  
1021,1062,1176  
**Botanic gardens. See**  
**names of botanic gardens.**  
**Botany**  
economic.....632  
history.....690  
India.....699  
statistical methods.684,  
1243  
study and teaching..634,  
703  
systematic.....743  
technique and equipment.  
704-5  
**See also Flora; Plants;**  
**Vegetation.**  
**Botrychium minganense**..785  
**Botrytis**  
on gladiolus.....900  
**Bottles. See Milk, con-  
tainers.**  
**Botulism**  
in cattle.....2643  
in horses.....2643  
**Bouteloua gracilis. See**  
**Grama, blue.**  
**Boysenberries**.....1390  
**Brachiaria distachya**..803  
**Brachypremna**.....3441  
**Brachystylodes**.....3418  
**Bracken**.....3274  
**Brain, of cats**.....2599  
**Branding. See subhead**  
**identification under**  
**names of animals.**  
**Braula coeca**.....3198  
**Brazil. Ministério da**  
**Agricultura. Departamento**  
**Nacional da Produção Ani-  
mal. Divisão de Inspeção**  
**de Produtos de Origem**  
**Animal**.....4104  
**Brazil nuts**.....4267  
**Bread**.....330,469  
fortified.....159  
**Breakfast**....360,468,5204  
**Bretton Woods Monetary and**  
**Financial Conf.**.....99  
**Brevicoryne brassicae**..3500  
**Brining. See under Preser-  
vation of food; and sub-  
head preservation under**  
**names of products.**  
**Broadbeans**.....979  
**Broccoli**.....1591,1656  
diseases.....838  
**Brockton Coop. Egg Auction**  
**Assoc., Inc.**.....4606  
**Brodiaea uniflora**.....742  
**Broilers. See Poultry,**  
**meat production; Poultry**  
**meat.**  
**Brome**.....186  
**Brome, cheat-grass**....1234  
**Bromeliads**.....1452  
**Bromus mango**.....761  
**Brooders**.....3823  
electric...265,3799,3825  
equipment.....3815  
home-made.....3813  
**Broom millet. See Broom-  
corn.**  
**Broomcorn**.....1147  
**Brucella abortus**.....50  
vaccines..2312,2478,2515  
**See also Brucellosis.**  
**Brucellosis**..2293,2296,2342  
bibliographies.....2289  
immunization.....2312  
in cattle.....2480  
control.....2470  
immunization....2478,  
2498,2515  
in swine.....3064  
tests.....50  
**See also Brucella abor-  
tus.**  
**Bruchus pisorum**  
control.....3432,3434  
**Brush, burning. See Fires,**  
**brush.**  
**Bryophyta**.....963  
**See also Hepaticae;**  
**Musci.**  
**Buenos Aires (Prov.) In-  
stituto de Colonización**..  
4021  
**Buffalo grass**...1194,1240,  
1538  
**Building materials. See**  
**kinds of building ma-  
terials.**  
**Buildings**.....3789  
concrete.....3855-6  
construction.3788,3855-6  
bibliographies.....176  
designs and specifica-  
tions.....3719  
postwar.....529  
prefabricated....2177-9,  
3787  
rammed-earth.....3800



- Buildings--Continued.**  
remodeled.....3790  
bibliographies.....176  
Sweden.....3818  
See also Barns; names of kinds of buildings; and subhead housing under names of animals.
- Bulbs (plant)**  
culture.....1580  
Netherlands....4678,4700  
pests.....3628
- Bullis fever**  
transmission.....3359
- Bulls**.....2397,2488  
fertility.....2401  
purchasing.....2367  
records and testing..2522
- Bulls, dairy**  
judging.....2396  
records and testing....2406,2542
- Bunias orientalis**....1670
- Burri, Robert**.....5291
- Business**  
and agriculture.....513  
Business cycles...513,4710  
Butchering. See Slaughtering.
- Butler Univ. Dept. of Bot.**  
694
- Butter**  
goat's-milk.....4112  
keeping quality....4103  
manufacture....4114,4119  
New Zealand.....5162  
nutritive value....5231  
postwar.....4075  
quality.....4106  
situation and outlook...4027,4546,4553  
trade.....5162  
vitamins.....5230
- Butterfat. See Milk, fat.**
- Butterflies**  
Ceylon.....3572  
Mexico.....3563  
See also names of families and genera.
- Buttermilk, dried**...4130-1
- Byctiscus betulae**....3386
- Byers, William Newton**..5295
- Byturus tomentosus**...3172
- Cabbage**  
anatomy and physiology..1009  
cooking.....206  
diseases.....865  
pests.....3500
- Cabbage aphid. See Brevicoryne brassicae.**
- Cabbage maggot. See Hylemya brassicae.**
- Cacao**.....1712  
Colombia.....1728  
diseases.....924  
Trinidad and Tobago..1329  
See also Cocoa.
- Cactaceae**.....739
- Cadillo**.....1010
- Caecilius**.....3637
- Caeculus**.....3372
- Caesalpinia digyna. See Towri.**
- Cake**.....332
- Calandra oryzae. See Sitophilus oryza.**
- Calcium**  
in poultry nutrition....316,2727,2917  
See also Lime.
- Calculi**  
biliary, in dogs....2605  
urinary.....2313  
in cattle.....2482
- Calif. Farm Bur.**....4744
- Calif. Poultry Council**....4588
- Calif. Univ. Food Technol. Div.**.....3932
- Callaway, Cason**....4926,4934
- Callus (plant)**.....1073
- Calochortus uniflorus**..1519
- Calosoma**.....3436
- Calosoma retusum proseri n, var.**.....3400
- Calves and heifers**  
anomalies.....2511  
care.....2533,2549,2565  
diseases and parasites..2461,2483,2491  
feeding and nutrition...268,2439,2633  
prices.....157
- Calves and heifers, beef**  
care.....402  
feeding and nutrition...2436,2452  
marketing.....402
- Calves and heifers, dairy**  
care.....2537-8,2547
- Cambalache Expt. Forest, Puerto Rico**.....1128
- Camellia**.....1472
- Campanula medium**....1450
- Camphor, synthetic**....3229
- Camps. See subhead camps under Labor.**
- Camptosaurus rhyzophyllus f. auriculatus**.....724
- Canada. Expt. Farms, Beaverlodge (Alta.)**  
Substa.....1299
- Canada. Expt. Farms, Smithers (B. C.)**  
Substa.....5309
- Canadian Ayrshire Breed-ers Assoc.**.....2379
- Canadian Hort. Council**....4270
- Canadian Percheron Assoc.**  
2621
- Canadian Res. Council**..5213
- Canary grass, bulb**....1227
- Canary grass, reed**....1974
- Cancer, in livestock**..2333
- Candelilla**.....4682
- Canker (plant)**  
of broccoli. See Blackleg, of broccoli.  
perennial, of apple..906
- Canna**.....1455
- Cannibalism. See subhead vices under Poultry; and kinds of poultry.**
- Canning and preserving**....3953,5243  
community..3724,3936,3943  
equipment..335,3724,5264  
home...3937-8,3947,3951,3954,3956  
statistics.....108  
U. S. S. R.....4352  
See also 4-H Clubs, canning and preserving; Fruit, for processing; Preservation of food; Vegetables, for processing; Vitamins, stability; and under names of products.
- Cans**.....210
- Canterbury bells. See Campanula medium.**
- Cantharidae**.....3407  
See also names of genera.
- Cape cowslip. See Lachenalia.**
- Caponizing. See Castration, poultry.**
- Caproic acid**.....1097
- Carabidae**  
Great Britain.....3385  
See also names of genera.
- Carbohydrates**  
in plants.....1062  
See also Starches; Sugar.
- Carbolic acid. See Phenol.**
- Carbon, in soils**.....1753
- Carbon dioxide, effect on plants**.....1006,1052
- Carbon tetrachloride**...129
- Cardaria draba. See White-top, pepperweed.**
- Cariniana, albarco**....2083
- Carnation. See Dianthus.**
- Carnation Milk Co.**....4083
- Carotene**.....5231  
in milk.....4110  
in plants.....1086,1102  
See also Vitamin A.
- Carpocapsa pomonella**..3550,3564,3583  
control..3560,3581,3584,3589,3592,3595,3601  
New York (State)....3582
- Carrots**  
culture.....1610  
equipment.....3702
- Carya. See Hickory.**
- Casein**.....4531
- Cashews**.....4307
- Cassava**.....950,1726  
diseases.....825
- Castanopsis chrysophylla. See Evergreen chinkapin, giant.**
- Castor-beans**  
diseases.....868
- Castor oil**.....4544,4551
- Castration**  
cattle.....2504,2512  
poultry...2763,2776,2812  
swine.....3069
- Cats**  
anatomy and physiology..2597  
breeds and breeding..2581  
diseases and parasites..2601  
See also names of anatomical parts, diseases, and parasites.
- Cattle**.....2574  
anatomy and physiology..2466  
Argentina.....2546  
associations.....2471  
Australia.....2378,4462  
breeds and breeding....2366,2385,2391,2393,2410  
Canada.....2380  
care.....2526,2572  
Costa Rica.....2410  
costs and returns...4954  
dehorning.....2562  
diseases.....2458,2476  
Chile.....2471
- Cattle--Continued.**  
diseases--continued..  
Great Britain.....2486  
Kenya.....558  
draft.....2524  
dual purpose  
Red Polled...2370,2378  
Shorthorn....2373,2388  
feeding and nutrition...278,323,2416,2427,2444-5  
pasture and range....2425-6,2724  
seasonal.....2440  
fertility.....2392  
France.....2573  
history.....2536  
India.....2412  
injuries  
foreign objects...2494  
Java.....2382  
lactation..2460,2468,3003  
marketing.....4483  
poisoning..2485,2490,2506  
pregnancy.....2459  
prices.....157  
situation and outlook...4441,4458  
Spain.....2385,2528  
surgery.....2492  
trade.....5159,5164,5173  
U. S. S. R....2391,2549,2565  
Uruguay..4434,4451,4484,4954  
Utah.....2561  
See also Artificial insemination; Barns; Bulls; Calves and heifers; Castration; Feed; Oxen; Pastures; Sheds; Veterinary medicine; and names of feeds and of anatomical parts, diseases, parasites, and products.
- Cattle, beef**.....2569,4467  
adaptation.....2413  
age.....2541  
associations.....2569  
Australia.....2552,2570,4447,4494,5175  
breeds and breeding..2372  
Aberdeen-Angus...2374,2398  
Brahman (Zebu)...2382,2412  
Nelore strain...2413  
Canada.....4454,4478  
cooperatives.....4487  
costs and returns...4954  
culling.....2532  
farms and ranches..2527,2535,2557  
feeding and nutrition...2415,2418,2450  
pasture and range..2431  
seasonal.....2453  
use of substitutes...2442  
Great Britain.....2566  
industry.....2523  
judging.....2520,2554  
prices.....4502,4505  
programs.....2544,5098  
shows and sales....2525,2566  
weight and measurement..2541



- Cattle, beef--Continued.**  
See also Artificial in-  
 semination; Barns;  
 Bulls, beef; Calves  
 and heifers, beef; Cas-  
 tration; Feed; 4-H  
 Clubs, cattle; Oxen;  
 Pastures; Sheds; Vet-  
 erinary medicine; and  
 names of feeds and of  
 anatomical parts, dis-  
 eases, parasites, and  
 products.
- Cattle, dairy.....2539  
 associations.....2556  
 Australia.....2564  
 breeds and breeding  
 Ayrshire...2364-5,2379  
 Brown Swiss...572,2389  
 Guernsey....2362,2394,  
 2408  
 Holstein-Friesian.....  
 2362,2377,2381,  
 2383,2386-7,2400,  
 2403  
 Jersey.2368,2371,2375,  
 2395,2399,2405,  
 2409  
 Milking Shorthorn.....  
 2376,2411  
 care...2516-19,2540,2571  
 costs and returns...4965  
 Eire.....2432  
 feeding and nutrition...  
 234,2419,2428,  
 2435,2448,2454  
 pasture...21,288,2434,  
 2438,2441  
 seasonal.....288,2424,  
 2432-3  
 Hawaii.....234  
 lactation.....2463,2510,  
 2521,2553  
 milk production...2377,  
 2504,2513,2518,  
 2559,2563  
 effect of  
 breeding...2402,2404  
 feeding...2417,2430,  
 2437,2443,2449  
 purchasing.....2545,4751  
 records and testing.....  
 2521,2531,2543,  
 2550,2558,2564  
 shows and sales.....2530  
 Tanganyika.....2529  
 taxation.....4751  
 weight and measurement...  
 2575
- See also Artificial in-  
 semination; Barns;  
 dairy; Bulls, dairy;  
 Calves and heifers,  
 dairy; Dairy industry;  
 Feed; Milking; Pas-  
 tures; Sheds; Veteri-  
 nary medicine; and  
 names of feeds and of  
 anatomical parts, dis-  
 eases, parasites, and  
 products.
- Cattle grubs. See  
 Hypoderma.
- Cattle tick. See  
 Boophilus annulatus.
- Cattleya triana.....698  
 Cauliflower.....1656  
 diseases.....850  
 Cecropia adenopus. See  
 Pumpwood, ambay.
- Cedar, deodar.....1448  
 Cedrela, Mexican.....1109
- Cedrela mexicana. See**  
 Cedrela, Mexican.
- Cedrus deodara. See Cedar,  
 deodar.
- Celama.....3603  
 Celery.....4255  
 Cellulose.....4693  
 Census  
 agriculture.....5022  
 families.....105  
 housing.....531  
 Venezuela.....525  
 population  
 Venezuela.....525  
 pulp and paper.....2207
- Centipedes. See Chilopoda.
- Centre de Recherches  
 Agronomiques, Morocco....  
 5311
- Cephus cinctus.....3539  
 Canada.....3545
- Ceratitis capitata  
 Uruguay.....3467
- Cercospora physostegiae.  
See Mycosphaerella physo-  
 stegiae.
- Cereal products. See  
 names of products.
- Cereals. See Grain.
- Cereus.....739  
 Cerioides.....3459  
 Chaetocnephalia innupta n.  
 sp.....3450  
 Chaetocraniopsis.....3450  
 Chaetomium globosum...1040  
 Chagas' disease. See  
 Trypanosoma cruzi.
- Chamaecyparis lawsoniana.  
See False-cypress, Law-  
 son.
- Characeae.....793  
 Charcoal.....2180-3,4660  
 Charlock.....3004  
 Chaste tree, negundo...1087  
 Chayotes.....1327
- Cheat-grass. See Brome,  
 cheat-grass.
- Cheese  
 analysis and composi-  
 tion.....4061  
 industry.....4025  
 kinds  
 Cheddar.....61-2  
 cottage.....4126  
 Emmental.....4095  
 Swiss.....4025  
 manufacture...4095,4113,  
 4116,4123-4,  
 4129,4133  
 home....333,4115,4117  
 nutritive value.....264  
 programs.....4096  
 quality.....4132  
 Switzerland...4011,4061,  
 4095
- Chemurgy.....4411
- Cherries.....4289  
 pests.....3520  
 varieties.....1373
- Chestnuts, culture....619
- Chick embryos. See  
 Embryos, chick.
- Chicken body louse. See  
 Eomenacanthus stramineus.
- Chicken mite. See Derma-  
 nyssus gallinae.
- Chickens. See Poultry.
- Chicks.....97  
 care.....2827,2835,2842,  
 2844,2887-8,2894,  
 2902,2908-9,2924,  
 2935,2940,3805  
 seasonal.....2899
- Chicks--Continued.**  
 diseases and parasites.  
 2758,2765,2798,  
 2821-2  
 feeding and nutrition...  
 2723,2733,2735,  
 2738-9,2743  
 marketing.....4582  
 metabolism.....2740  
 purchasing.....2922  
 Chickweed.....1872  
See also Stellaria  
 media.
- Children  
 care.....319,467,5083  
See also Nutrition  
 (human), children;  
 Youth.
- Chile. Museo Nacional de  
 Historia Natural....5289
- Chilean nitrate. See  
 Sodium nitrate.
- Chilo simplex.....3565
- Chilopoda  
 China.....3381  
See also names of  
 families and genera.
- Chimabache fagella...3587
- Chimeras (plant).....1050
- Chinaberry, umbrella...1416
- Chinese spinach. See  
 Amaranthus gangeticus.
- Chironomidae. See  
 Tendipedidae
- Chloral hydrate.....2339
- Chloranthaceae.....755
- Chlorochroa sayi.....68
- Chlorophyll.....1028
- Chlorophytum.....782
- Chloropsis notata...3474
- Chlorosis.....1013
- of flax.....1043  
 of rice.....992
- Chocolate. See Cocoa.
- Choline.....2587
- Christmas.....321,447  
 trees.....2167
- Chromosomes  
 insect....3463,3465,3483  
 plant.....966  
See also Genes; Meiosis;  
 Polyploidy.
- Chrysanthemum  
 culture.....1457  
 varieties.....1486,1492,  
 1498,1575
- Chrysobothris femorata...  
 3423
- Churches.....1467,5100
- Cicadas. See Cicadidae.
- Cicadidae.....3512  
See also names of gen-  
 era.
- Cigarettes.....160,3910
- Cinchona pitayensis...775
- Cinommata bistrigata  
 izquierdoi n. ab....3606
- Cinquefoil, bush. See  
 Potentilla fruticosa.
- Citrus.....2886  
 anatomy and physiology..  
 886,1007,1075  
 culture.....1312,1334  
 diseases...805,852,857,  
 872,890,1033,  
 1064  
 heredity.....1050  
 irrigation....1908,1914  
 juices and sirups...4299,  
 4364,5252  
 concentrated.....4323  
 New Zealand.....1326  
 nutritive value....5250
- Citrus--Continued.**  
 pests.....3511,3634-5  
 pruning.....1311,1319  
 spraying and dusting....  
 844,1075  
 Union of South Africa...  
 4271  
 vitamins.....5234  
 waste.....5227  
See also names of  
 fruits.
- Citrus thrips. See  
 Scirtothrips citri.
- Claviceps purpurea....883  
See also Ergot.
- Clays. See Soils, clay;  
and kinds of clay.
- Cleistogamy.....1014
- Clematis.....1484
- Clematis paniculata...3474
- Climate and weather  
 effect on  
 insects.....3290,3545  
 plant disease...882,887  
 plants...1083,1617,3195  
See also Drought; Frost;  
 Precipitation; Tem-  
 perature; Wind; and  
 subhead injuries under  
 specific subjects.
- Clippers.....3690
- Cloacina n. g.....3473
- Clothes moths.....3607  
See also names of gen-  
 era.
- Clothing...23,387,394-6,398  
See also 4-H Clubs, sew-  
 ing; Sewing.
- Clover  
 culture.....1255  
 equipment.....3753  
 germination.....1237  
 honey plant.....3303  
See also Sweetclover;  
 Tickclover.
- Clover, alsike.....1204
- Clover, crimson.....3753
- Clover, Hubam.....1237
- Clover, Ladino....295,2438
- Clover, red.....954,1229
- Clover, subterranean.2026,  
 3374
- Clover, white.....1243
- Club root  
 of cabbage.....865
- Clubs  
 garden.....5158  
 Newfoundland.....5158  
 Union of South Africa...  
 5093  
 youth.....485  
See also Communities,  
 group activities; 4-H  
 Clubs; names of organi-  
 zations; subhead asso-  
 ciations under spe-  
 cific subjects.
- Clysia ambigua.....841
- Cnidoscopus.....753
- Coccidae  
 control.....3511  
See also names of gen-  
 era.
- Coccidiosis  
 control.....2769  
 in pigeons.....2771  
 in poultry.412,452,2756,  
 2759  
 control.....2794,2821  
 therapy.....2785  
 in rabbits.....2973  
 in turkeys.....2767



- Coccinellidae**.....3103  
See also names of genera.
- Cocklebur**.....1681,1692
- Cockroaches**  
 control.....3616  
See also Blattidae; and names of genera.
- Cocks**.....229,2678
- Cocoa**.....3966
- Coconuts**.....1324  
 diseases.....931  
 pests.....3424
- Codling moth**. See *Carpocapsa pomonella*.
- Coffee**.....118,3987  
 Brazil.....3986  
 conferences and congresses.....3970  
 consumption.....3968  
 Costa Rica.....4955  
 costs and returns...4955  
 culture...1719,1730,1735  
 diseases.....1076  
 El Salvador.....3975  
 equipment.....311  
 Guatemala.....1702  
 India.....3977  
 marketing.....3982  
 nutritive value....5251  
 pests.....3387,3430  
 prices.....3969,3983  
 trade.....5169  
 utilization.....2039
- Coffee berry borer**. See *Stephanoderes hampei*.
- Coffee Res. Sta., Lyamungu, Moshi (Tanganyika)**... 2529
- Colchicine**, effect on plants.....969,982,1282
- Cold**. See Temperature.
- Colegio de Victoria, Chile**.....2227
- Coleoptera**..3417,3422,3426  
 anatomy and physiology.. 3439  
 Canada.....3429  
 Central America.....3391  
 Great Britain..3101,3404  
 Mexico.....3391  
 South America.....3391  
 West Indies.....3391  
See also common group names and names of families and genera.
- Colewort**.....1658
- Colias lesbia**.....3553
- Colic**, in horses.....2649
- Collar rot**, of citrus..872
- Collective farming**  
 U. S. S. R.....484,4899, 4903,4990  
 maps.....654
- Colleges**. See Land-grant colleges.
- Collembola**.....3632  
See also names of families and genera.
- Collinsia verna**.....1569
- Colonization**. See Land, settlement and colonization.
- Color**.....428  
 terminology.....1428  
See also Pigmentation; and under specific subjects.
- Colo. Agr. Expt. Sta.**..2423
- Colorimetric tests**....3176
- Colostrum**.....4008
- Colts**.....2633,2664
- Combines**.....3713,3747
- Committee on Agr. Price Supports and Their Consequences**.....3926
- Committees, agricultural**  
 Great Britain.....4993
- Commodities**. See Agricultural products; Raw materials; U. S. Dept. of Agr., Commodity Credit Corp.; and names of commodities.
- Commodity Credit Corp.**  
See under U. S. Dept. of Agr.
- Common malaria mosquito**. See *Anopheles quadrimaculatus*.
- Communities**  
 Canada.....5038  
 cooperation and cooperatives.....4719  
 group activities...466, 5031  
 North Carolina.....5037  
 programs, Australia.5036  
 surveys.....487,527  
 West Virginia.....466  
See also Canning and preserving, community; Clubs; Landscape gardening, community; Leadership, rural; Recreation; Villages.
- Compositae**.....738
- Composts**. 2035,2038,2041-2, 2044
- Compression of food**. See under names of products.
- Concentrates (feed)**...2443
- Confectionery**.....4653  
 regulation and inspection.....215
- Conf. on the Contrib. of Ext. Methods and Tech. Toward the Rehabil. of War-Torn Countries**....86
- Conferences and congresses**.....5307  
See also names of conferences and under specific subjects.
- Coniferae**.....607
- Conothyrrium, on rose**..871
- Conservation**. See Conservation farming; Conservation of natural resources; Soil conservation; and under specific subjects.
- Conservation farming**...26, 28-30,33,180, 187-8,1982  
See also Contour farming; Terracing.
- Conservation of natural resources**.....5267
- Constipation, in dogs**.2604
- Construction**. See Buildings, construction; Wood, construction.
- Consumption**. See under names of commodities.
- Containers**.....3909  
 designs and specifications.....3906  
 metal.....211  
 tin.....3908  
 wood.....2174  
See also kinds of containers and under names of commodities.
- Contour farming** 203,1896, 1951,1962,1966, 1971,1976,1989,1995  
 costs and returns...4962  
 equipment.....3665
- Convolvulus arvensis**. See Bindweed.
- Cookery**.....593,601  
 effect on nutritive value.....3929  
 recipes.....59,300,594, 597-8,600  
See also Breakfast; 4-H Clubs, cooking; Lunches; Nutrition (human); and under names of foods.
- Cookies**.....339
- Cooper, James Fenimore**... 4985
- Cooperation**..189,4901,5139  
 Canada.....5121,5127  
 Europe.....4713  
 Great Britain.....4714  
 international..3121,5282  
 New Mexico.....5087  
 Peru.....5151  
 postwar.....486  
See also Communities, cooperation and cooperatives; Farms and farming, group.
- Cooperative Grange League**  
 Fed. Exch.....4728
- Cooperative organizations**. 113,4007,5064, 5123-4,5126,5129, 5137,5140,5148-9, 5153,5156  
 administration.5146,5154  
 U. S. S. R.....5141  
 Argentina.....5114,5118  
 Canada...4396,5117,5130, 5135,5142,5144  
 India.....5150,5152  
 Louisiana.....5133  
 Nebraska.....4410  
 New York (State)....273  
 postwar.....5120,5150  
 programs.....5136  
 taxation..4750,4752,4754  
 U. S. S. R.....5145  
See also names of organizations; subhead cooperative under Credit; Markets and marketing; and subhead cooperatives under specific subjects.
- Copper**  
 effect on plants....1038  
 in soils.....2026
- Coralbean**.....1712
- Corallorrhiza odontorhiza**. 751
- Corimelaena**.....3518
- Cork**. See Oak, cora.
- Corn**  
 Argentina.....4387,4391  
 as feed.....2490  
 Brazil.....1735  
 breeding.....1158  
 culture...1161,1164,1857  
 fertilizers...1817,1845, 1854,1857,1881  
 grazing.....3051  
 harvesting.....37,1141  
 heredity.....967  
 history.....4420  
 hybrids....1148,1150-1, 1167-8,1171-2  
 irrigation.....1151
- Corn--Continued.**  
 nutritive value....2247  
 pests.....3599,3611  
 planting.....1155,1854  
 prices.....4387  
 research.....241  
 storage.....4414  
 substitutes.....2274  
 varieties.242,1163,1172, 1854,1857  
 yields.....4421
- Corn, sweet**  
 culture.....1932  
 fertilizers.....1861  
 pests.....65
- Corn earworm**. See *Heliothis armigera*.
- Corn grits**.....300
- Corn meal**.....300,5241
- Coronitis**.....2635
- Corporate organization of agriculture, Italy**.510
- Corydalis**.....3636
- Cosmopolites sordidus**... 3396,3437
- Cost and standard of living**.....115  
 El Salvador.....3969  
 Honduras.....4892  
 Hungary.....3962  
See also Prices; Social conditions.
- Cotton**.....117,401,4213  
 anatomy and physiology.. 997,1002,1022,1176  
 Argentina.....4206  
 byproducts.....4210  
 carding and combing.... 4187,4193  
 cooperatives.....4228  
 costs and returns...4951  
 credit.....58  
 culture.....1175,1182, 1879,1894  
 diseases.....1057  
 equipment.....3685  
 export subsidies...4176  
 fertilizers.....1829  
 fiber.....4202,4250  
 ginning.....4228  
 grading and standardization.....162,4197  
 harvesting.....1173-4  
 heredity.....968  
 industry  
   India.....4198,4225  
   postwar.....4212  
 legislation.....214  
 marketing.....4249  
 pests.....70  
 postwar.....4240,4245  
 prices.....4182  
 programs.....58,4158  
 quality...161,4197,4231  
 situation and outlook... 4155,4173,4178, 4183,4186,4189-90, 4200,4218,4244, 4248  
 spinning.4153,4159,4188, 4220  
 staple length.....162  
 textiles..4169,4175,4224  
 trade.....119  
 utilization.....4210  
 varieties.....1183
- Cotton, upland**.....1057
- Cotton Insulation Program**.....167
- Cottonseed**  
 industry.....4548,4557  
 research.....4556  
 utilization.....4557



Item	Item	Item	Item
Cottonseed oil situation and outlook... 4547	Credit--Continued. situation and outlook... 4735	DDT--Continued. chemistry. 3134, 3138, 3169 for pests of man and animals.... 3170, 3366, 3453, 3461, 3616, 3629, 3643 of orchards.....3581 of plants.....3158-9, 3172, 3180 situation and outlook... 3145 tests.....49, 65, 67, 69-70 toxicity.....3119, 3165, 3177, 3184	Daphne.....1566 Dates culture.....1331 nutritive value.....218 Datura.....1055 Davis, William T.....5303, 5306 Daylight Saving, effect on poultry.....2898 Daylily. <u>See</u> Hemerocallis. Debts. <u>See</u> Indebtedness. Decline of avocado.....1064, 1684 of citrus.....852, 1033, 1064 Decticus albifrons....3615 Deer as pests.....809 pests.....3460 Deficiency diseases of livestock.....2314 <u>See also</u> subheads under Nutrition (human); and names of diseases. Dehydration. 3740, 3941, 3958 Canada.....4347, 4379 effect on nutritive value.....3929 equipment.....3958 driers.....3717, 3729 home, equipment....3729 <u>See also</u> subhead drying under names of com- modities. Delphinium.....1433, 1528, 1537, 1541, 1563 culture.....1445, 1461, 1488, 1490, 1496, 1502, 1517, 1520, 1551, 1561 diseases.....862, 889 Dendrobium.....769 Dendrobium undulatum..778 Dermacentor.....3373 Dermacentor variabilis.... 3361 and disease.....226, 3358 Dermanyssus gallinae...368, 3369 Dermaptera.....3631 <u>See also</u> names of fam- ilies and genera. Dermatitis, in dogs...2606 Derris.....75-7 bibliographies.....1723 insecticides.....3117 Desert plants.....706, 936 Desmodium tortuosum. <u>See</u> Tickclover, Cherokee. Desserts.....344, 450 Dianthus, diseases....856 Diapensiaceae.....781 Diatraea grandiosella..411 Dichapetalum cymosum..1101 p-Dichlorobenzene. <u>See</u> Paradichlorobenzene. Dichlorodiphenyltri- chloroethane. <u>See</u> DDT. Dicranota.....3442 Dicrotaline.....1100 Didymella, on tomato...901 Dieback of coffee.....1076 of elm.....888, 896 Diet. <u>See</u> Nutrition (human), diet. Dimorphotheca aurantiaca.. 1464 Dinitro-o-cresol. 1060, 3247 Diogena lanka n. sp...3617 Dioscorea. <u>See</u> Yams. Diphtheria, in poultry. <u>See</u> Fowl pox. Diploidy. <u>See</u> Polyploidy.
Cottonseed paste.....2032 Coumarin.....1048 Council of Forty-nine (Va.).....5108 Councils, agricultural. <u>See</u> Committees, agricul- tural. Countries Arkansas, Clay.....4905 Idaho, Bannock.....94 Illinois Kane.....5000 Lake.....2489 Indiana, Shelby.....941 Maine Penobscot.....711 Piscataquis.....711 Minnesota, Polk.....1338 Mississippi Neshoba.....4228 Tunica.....4719 New Hampshire Hillsboro.....105 New Mexico McKinley.....1189, 1239 Ohio.....47 Oregon, Linn.....133 Tennessee Dyer.....4856 Gibson.....4329 Texas Hemphill.....197 Butchinson.....197 Jack.....2536 McCulloch.....2666 Palo Pinto.....2663 Roberts.....197 Utah, Utah.....309 Virginia Accomack.....5108 Fairfax.....5109 Henry.....4999 Wisconsin, Wood.....478 Court-noué, of grape...834 Cover crops.....1844, 1872, 1886, 1999 Cowpeas.....1207 Cowpox.....2509 Cows. <u>See</u> Cattle.. Coyotes.....2349 Crackers.....3910 Crafts. <u>See</u> Handicrafts; and names of crafts. Cranberries.....809 industry.....4275 Craneflies. <u>See</u> Tipuloidea; Tipulidae, etc. Cream analysis and composi- tion.....4058 care and handling....4125 consumption.....38 cooling.....4136 quality.....4125 regulation and inspec- tion.....213 sour.....4114 Tasmania.....4138 Cream cabinets.....266 Creameries Canada.....3990 cooperative.....4081 Credit.....4724, 4732-3 Australia.....4716 Canada.....4726, 4730 commodity loans.....58 cooperative..4728-9, 4734 Italy.....510 legislation.....4726 postwar.....4727	Uruguay.....4736 <u>See also</u> Banks and bank- ing; Government, aid to agriculture; Indebted- ness; and under names of commodities, indus- tries, and Government agencies. Cremnocyptus n. g....3531 Creolin.....804 Crickets habits and behavior. 3614 <u>See also</u> names of fam- ilies and genera. Crop varieties.....1136 Crops. <u>See</u> Agricultural products; Agriculture; Cover crops; Field crops; Forage plants; Government, aid to agriculture; Root crops; Rotation of crops; Statistics; names of products, industries, and Government agencies; and specific subjects. Crotalaria.....1100 Crotalaria agatiflora. 1497 Crowley (La.) Rice Expt. Sta.....1156 Crown rust, of oats....891 Cruciferae.....1084 Cryptogams.....624 Crystal violet.....3070 Cube. <u>See</u> Lonchocarpus. Cucumbers, culture..1673-4 Cupressus. <u>See</u> Cypress. Curculionidae.....3418 <u>See also</u> Weevils; and names of genera. Curing. <u>See</u> Hides and skins, preparation for tanning, curing; and subheads curing and preservation under names of products. Currants, black.....1395 Cuscuta. <u>See</u> Dodder. Cyanogas. <u>See</u> Hydrocyanic acid. Cylindrotoma distinctis- sima.....3444 Cynipidae Great Britain.....3540 <u>See also</u> names of genera. Cynodon dactylon. <u>See</u> Bermuda grass. Cynodon transvaalensis. <u>See</u> Dogtooth grass, Transvaal. Cyperaceae.....621 Cyperus plukenetii n. sp.. 719 Cypress.....1110 Cypridium.....1522 Cyrtanura.....3531 Cytology plant.....960 <u>See also</u> Genetics; and subhead anatomy and physiology under names of animals, insects, and plants. DDT....164, 3112, 3114, 3122, 3126, 3133, 3143, 3163, 3171, 3179, 3182, 3247 analysis and composition 3120, 3176 bibliographies.....78	DNC. <u>See</u> Dinitro-o-cresol. Dahlia.....1428 varieties.....1572 Dairy herd improvement associations.....2534 Dairy industry....60, 3994, 4022 accounting.....4941 Argentina.....4021 Brazil.....4104 Canada.....4018-19, 4891 cooperatives.....4073 costs and returns...4947 equipment. 444, 3734, 3745, 3748, 3762-4, 3769-70 farms....2405, 2537, 2567, 4907, 4912, 4929, 5009 diversified.....401, 1133, 2568, 3082 large-scale.....4007 Great Britain..2548, 3997 history.....4006 labor.....4797 Minnesota.....4082 New Zealand.....4004 pests.....3170 postwar....3769-70, 4009, 4031, 4036 programs.....326, 3999, 4015, 4035 refrigeration....3711-12 regulation and inspec- tion.....4102 sanitation....2476, 2551, 2555, 3712 situation and outlook... 3998, 4005, 4010, 4024, 4037-8, 4135 subsidies.....4891 Switzerland.....4011 U. S. S. R.....4020 work management....4758, 4763, 4766, 4773 <u>See also</u> Barnes, dairy; Cattle, dairy; Cream- eries; Milk; and names of dairy products. Dairy Indus. Supply Assoc.....5183 Dairy products area of production...544 Argentina.....4013 manufacture.....45 marketing.....165, 4077 regulation and inspec- tion.....4496 situation and outlook... 4016, 4029 transportation.....538 <u>See also</u> names of dairy products. Daisy.....1466, 1560 Dallas, E. D. publications.....5276 Dallasmyia n. g.....3446 Dallas grass.....1251 Damping-off.....807 Dams.....640	



	Item	Item	Item	Item
Diplopoda		Dourine.....2650	Ecology--Continued.	Eggs--Continued.
Brazil.....3376		Downy mildew	plant--continued.	drying.....4565,4597
Saipan.....3362		of grape.....841	Louisiana, New Orleans	freezing.....4598
See also names of fam-		of sugar beet.....220	region.....937	grading and standardiza-
ilies and genera.		Dragonflies. See Odonata.	Nevada, Carson Desert	tion.....4601,4608
Dips and dipping. See		Drainage.....1899,1925,	region.....936	hatchability...2883,4586
names of insecticides;		1935,1940,1945	New Hampshire.....944	marketing.....166,4580,
and under names of ani-		bibliographies.....193	New Jersey, Pine	4582,4587,4603
imals.		costs and returns...1801	Barrens.....693	preservation.....4594
Diptera		Rio Grande River Basin..	New York (State), Long	prices.....4608,4616
anatomy and physiology..		1948	Island.....946	control.....364
3457		tile.....1916	Utah, Wasatch Range...	quality.....2752,4568,
control.....75		Dressmaking. See Sewing.	939	4590,4603,4611
habits and behavior.3468		Driers. See Dehydration,	See also Flora; Vegeta-	refrigeration.....3739
See also common group		equipment, driers.	tion.	shells.....2917
names; and names of		Drills.....3673	Economic conditions...5110	situation and outlook...
families and genera.		Drims winterl.....962	Cuba.....4708	367,4563,4585,
Dirhagus.....3409		Dromaeolus.....3409	India.....4711	4612,4615,4617
Discussion groups.....8		Drosophila.....64	New Zealand.....4703	storage.....4605
Diseases.....5268		genetics.....3443,3464,	Nyasaland.....4705	transportation....4560,
tropical.....659		3480,3484	Puerto Rico.....670	4572,4586
See also Veterinary		Drosophila ampelophila...	West Indies.....4717	2694
medicine; under Live-		3443,3463-4,3479-80	Economics.....5079	See also Embryos, chick;
stock, Plants, and		anatomy and physiology..	Colombia.....4709	Poultry, hatching;
names of animals and		3484	Great Britain.....4817	subhead egg production
plants; and names of		Drosophila melanogaster.	Economy, national	under Poultry and kinds
diseases.		See D. ampelophila.	Venezuela.....3896	of poultry; and sub-
Disinfectants.....3161		Drought, effect on	Ecuador. Servicio de	head eggs under names
Distichlis spicata.....733		animals.....2278	Consejacion Rural...5041	of insects.
Distillers' byproducts.		plants.....708	Eczema	Einkorn.....970
See Fermentation sol-		Drug plants.....1694,1697,	in dogs.....2598,2606	Elaeagia utilis.....1718
ubles (feed).		1706,1710	Edema, malignant	Electricity
Distomatosis. See Liver		history.....177	in cattle.....2514	Canada
fluke.		India.....773,1695	Education.....5047-8	bibliographies....5279
Ditches.....3494		Mexico.....1713	Australia.....5055	on the farm...444,3828,
Dithiocarbamates.....2000		See also names of plants.	Brazil.....4828	3839,3841,3847-8,3850
Dittany of Crete. See		Drugs, India.....4683	Canada.....5121	See also Brooders,
Origanum, Crete-dittany.		Dry-land farming.....1150	Ecuador.....5041-2	electric; Electronics;
Diversified farming..1132,		See also Pastures, dry-	farmer training...5054,	Equipment, electric;
2568		land.	5068	Heating, electric;
New Zealand.....4919		Drying of foods. See	Great Britain.....4756	High-frequency heating;
Dodder.....1242		Dehydration; and under	Negro.....5108	Lighting; Mechaniza-
Dodonaea.....772		names of commodities.	New Hampshire.....105	tion; Soils, electric
Dogs		Ducks.....554	Union of South Africa...	properties; Wiring,
age.....2600		breeds and breeding.2697	4933,5093	electric.
breeds and breeding.577,		care.....2855,2862,	vocational agriculture..	Electrification.....3843,
2580,2585		2873-4,2913-14	666,1293,5051-2,	3849,3853
Bulldog, French...2578		hatching.....2877	5065,5072-3,5079,	Canada.....3842
Chihuahua.....2582		Dumbarton Oaks Conf..40,91	5096,5098,5103,5327	Electronics.....3652
Collie.....2577		Dunes.....1917	Canada.....5101,5104	botanical use.....1001
Doberman Pinscher.2584		Dust.....1745	Georgia.....5110	See also High-frequency
Great Dane.....2583		See also Wind, erosion.	Louisiana.....5075	heating; Radio.
Spaniel, Cocker...2579		Dusts and dusting	See also Extension work;	Eleocharis.....948
care.....2608		by airplane.....851,3492	Schools; Youth, educa-	Elevators.....3681
diseases.....574		See also Fungicides;	tion and training;	Elgetol.....1342,1355
feeding and nutrition...		Insecticides; names of	and subhead study and	Elipsocus sticticus...3638
2586		dusts; and subhead	teaching under spe-	Elm, diseases..888,896,916
deficiencies.....2587		spraying and dusting	cific subjects.	Elmer, A. D. E.....5296
history.....2580,2611		under specific sub-	Efficiency.....4785	Elsianus.....3415
parasites.....2588		jects.	time and motion studies.	Elsinoë.....868
purchasing.....2610		Dutch elm disease. See	4757	Elymus. See Wild-rye.
shows and sales....561,		Dieback, of elm.	See also subhead work	Embryos
2612-13		Dyeing. See under Fibers;	management under Dairy	chick....2791,2799,2801
surgery.....574,2595		Textiles; and specific	industry; Home manage-	culture media....3489
transportation.....2609		subjects.	ment; Labor.	plant.....1045
war use.....2607		Ears, of dogs.....2584	Egg-laying contests. See	swine.....2801
working...2577,2614,2905		Earthworms.....1765	Poultry, egg production,	Emphytus basalis.....3527
See also names of ana-		Earwigs. See Dermoptera.	laying contests.	Employment. See Labor.
tomical parts, diseases,		Echinomastus mariposensis.	Eggplant.....1611	Encephalitis
and parasites.		746	Eggs	in cattle.....2465
Dogtooth grass, Transvaal.		Ecology.....613	advertising.....4564	Encephalomyelitis
1425		forest.....944,1127	area of production...544	equine.....2642,2644
Dolichos, hyacinth....868,		Indiana, White River	Australia.....4559	virus.....2640
1252		region.....943	blue.....2713	Encephalomyelitis, in-
Dolichos sinensis. See		plant.....945	Brazil.....4567	fectious avian.....2802
Cowpeas.		Canada, Quebec.....947	Canada.....4561,4568,	Endive.....1584
Domestic animals. See		Colorado.....942	4601,4614	Endocrinology.....2795
Livestock.		France.....676	care and handling..2944,	Engineering
Donkeys. See Asses.		Indiana, Shelby County	4566,4573	research.....3660
Doors.....2153		941	cooperatives...4589,4606	
Dormancy, in plants..1020,			dried...3910,4576-7,4579	
1048,1060			utilization.....4121	



- Engineering--Continued.**  
See also Mosquitoes, control, engineering methods.  
**Engines**  
 Diesel.....3774, 3778  
**Enteritis**  
 in cats. See Panleukopenia, in cats.  
 in cattle.....2461  
**Entomologists**.....3094  
See also names of entomologists.  
**Entomology**.....580, 3113  
 nomenclature.....3092-3, 3108, 3110  
 technique and equipment. 3104, 3515  
See also Insects.  
**Entropion**, in sheep...3010  
**Enzymes**.....3984, 4303, 4417  
 plant.....988  
See also Amylase; Phosphatase; Rennet; Tyrosinase.  
**Eriocaulanthus stramineus**.. 368  
**Ephedra**.....958, 982  
**Epicauda**  
 North America.....3438  
**Epidemic tremor**. See Encephalomyelitis, infectious avian.  
**Epornis n. n.**.....3507  
**Epulis**. See Sarcoma.  
**Equipment**.....3659, 3663, 3670, 3680, 3698  
 designs and specifications.....3688  
 electric.....179, 443  
 household, maintenance and repair.....334  
 industry.....3677  
 labor-saving.....3692-3  
 lubrication.....3777  
 maintenance and repair.. 3666, 3668, 3676  
 marketing.....3671, 3686  
 postwar.....486  
 power.....3762  
 prices.....3677  
See also Mechanics; Mechanization; Shops, farm; names of equipment; and under specific subjects.  
**Ergot**  
 on grasses.....895  
See also Claviceps purpurea.  
**Erioptera**.....3442  
**Eriosoma lanigerum**.....810  
**Erosion**. See Soil erosion; Wind erosion.  
**Erysipelas**, swine.....3068  
 control.....3072  
**Erythrina micropteryx**.  
See Coralbean.  
**Erythronium albidum**...745  
**Essential oils**.....1714, 1731, 2151  
**Estrogens**.....3003  
**Estrus**. See under names of animals.  
**Ethylene**.....1067  
**Ethylene dichloride**...3551  
**Eucnemididae**.....3409  
See also names of genera.  
**Eucoria**.....3518  
**Eumastacidae**.....3618  
See also names of genera.
- Euonymus, European**...3524  
**Euonymus europaeus**. See Euonymus, European.  
**Euphorbia chamaesyce**...737  
**European chafer**. See Amphimallon majalis.  
**European corn borer**. See Pyrausta nubilalis.  
**European red mite**. See Paratetranychus pilosus.  
**Eurota igniventris**.....3558  
**Eurota jorgenseni**.....3562  
**Eurytemopus**.....3418  
**Eutettix tenellus**.....3515  
**Evergreen chinkapin**, giant.....742  
**Evolution, insect**.....3465  
Exhibits. See subhead shows and sales under names of animals and products.  
**Exoprosopa fasciata**...3455  
**Experiment stations**  
 Canada.....5309  
 directories.....14, 80  
See also names of stations; and under U. S. Dept. of Agr.  
**Explosives**.....1925  
**Extension work**...83, 88, 96, 101, 109, 3698, 5088  
 Alabama.....318  
 Bulgaria.....86  
 conferences and congresses.....318  
 cooperative.....520, 522  
 Delaware.....350  
 home demonstration...92  
 Louisiana.....372  
 Negro.....424  
 North Carolina...424, 429  
 Rhode Island.....446  
 Wisconsin.....478  
See also names of extension services.  
**Extension workers**...92, 103  
 directories.....107  
**Fabrics**. See Mildewproofing; Rotproofing.  
**Fairfax County Recreation Assoc**.....5109  
**Fall cankerworm**. See Alsophila pomataria.  
**False-cypress**, Lawson..136  
**Families**.....5074  
 Canada.....5084  
 expenditures.....4738  
 Government aid.....5084  
 relationships.....5086  
 statistics.....105  
See also subhead family under Farms and farming.  
**Farm bureaus**. See American Farm Bur. Fed. and names of local farm bureaus.  
**Farm Cadet Victory Corps**.. 36  
**Farm Credit Admin.** See under U. S. Dept. of Agr.  
**Farm fishponds**. See Fishponds, farm.  
**Farm groups**. See Communities, group activities.  
**Farm Labor Supply Act**, 1944.....88  
**Farm press**  
 Portugal.....5270  
**Farmers**.....5045  
 Canada.....5061  
 China.....4742
- Farmers--Continued.**  
 expenditures.....4721  
 Germany.....4720  
 Great Britain.....5063  
 Netherlands.....5063  
 retirement.....5056  
See also Credit; Families; Income; Investments; Relief and rehabilitation, farmers.  
**Farmers Union Hospital Assoc**.....5078  
**Farmhouses**.....175  
 designs and specifications...361, 3793, 3796-7  
 postwar.....529  
 prefabricated.....3795  
**Farms and farming**...4914  
 Alaska.....4893  
 appraisal...5005, 5009-10  
 Argentina.....4701  
 as an occupation...381, 656, 4927  
 Burma.....4921  
 China.....4910, 4921  
 costs and returns...115, 4881  
 Great Britain....4748  
 Portugal.....4702  
 Denmark.....4913  
 family  
 Missouri Valley...643  
 Germany.....4916  
 Great Britain...651, 4925  
 group, U. S. S. R...4764  
 India.....4921  
 layouts.....3791  
 methods  
 Great Britain....4920  
 Mississippi.....401  
 organization and management..4904-5, 4911, 4915, 4923-4, 4928-9, 4934-5, 4937  
 Canada..4908, 4931, 4936  
 Georgia.....4926  
 Germany.....4906  
 Great Britain....4894, 4896, 4918  
 Nevada.....267  
 Nigeria.....4912  
 Sweden.....4902  
 U. S. S. R...4932, 5141  
 postwar.....516, 4900  
 prices.....302  
 purchasing...4, 381, 5015  
 records.....4944, 4946  
 small-scale.....4907  
 Great Britain....4897  
 New Zealand....4930  
 Spain.....4984  
 statistics.....105  
 surveys  
 Newfoundland....4938  
 tenancy.....1803  
 types.....114, 401, 4909  
 Union of South Africa... 4933  
 U. S. S. R.....4793  
 values.....4722  
See also Accounting; Agriculture; Collective farming; Conservation farming; Contour farming; Cooperation; Dryland farming; Irrigation; Land, tenure; Mechanization; Part-time farming; Pastures; Share farming; Shops, farm; State farms; Truck farming; and names of products.
- Farrer, Reginald**.....1524  
**Farsus**.....3409  
**Fat (physiology)**.....5198  
**Fats**. See Oils and fats.  
**Fatty acids**.....5231  
**Fauna**  
 Australia.....695  
 Ecuador.....647  
See also Aquatic insects; Soils, fauna.  
**Feathergrass**.....874  
**Federal Crop Insurance Act**.....116  
**Federation of Agr. (Canada)**.....5166  
**Federation of Co-operatives (Quebec)**.....5130  
**Feed**.....278  
 analysis and composition 2284  
 Australia.....4144  
 Canada.....2283  
 conservation.....2257  
 costs and returns...4964  
 glossaries.....2968  
 green.....2734  
 Hungary.....3902  
 industry.....4148  
 manufacture.....4415  
 marketing.....4143, 4578  
 New Zealand.....4142  
 nutritive value.....2248  
 rationing.....4144  
 regulation and inspection....2283, 2732, 3902  
 relation to  
 livestock production.. 2262-4, 4140  
 milk production...2447  
 situation and outlook... 376, 4142, 4145-6, 4455  
 storage.....4415  
 substitutes...2442, 3055  
 Sweden.....4139  
 Switzerland.....4149  
 trade.....497  
 Union of South Africa... 2275  
See also Concentrates (feed); Forage plants; Grasses; Hay; Minerals; Proteins; Silage; Vitamins; names of feeds; and subhead feeding and nutrition under Livestock, Poultry, and names of animals.  
**Fence posts**...146, 822, 2147  
**Fermentation**.....3877  
See also Bacteria; Enzymes; Yeasts; and under names of products.  
**Fermentation solubles (feed)**.....2418, 2743  
**Ferris, G. F.**.....3457  
**Fertility**. See under Soils; and names of animals.  
**Fertilization of plants**.  
See Pollination.  
**Fertilizers**.....1811, 1833, 1842, 1851, 1867, 1875, 2003-5, 2010, 2018  
 application...3, 407, 1825, 1847, 2008  
 caking.....2011  
 cooperatives.....2009  
 effect on  
 plants.1055, 1814, 1877, 3501  
 soils.....1740, 2002  
 India.....639  
 legislation.....2007



Item	Item	Item	Item
<b>Fertilizers--Continued.</b>	<b>Fish--Continued.</b>	<b>Flora--Continued.</b>	<b>Food--Continued.</b>
liquid.....2013	nutritive value.....5238	See also Ecology, plant;	programs.....3860,3872
organic..1842,1876,2012,	preservation.....4695	Vegetation.	rationing, Hungary..3895
2031	See also Liver, of fish;	Fla. Citrus Cannery Coop..	regulation and inspec-
policies.....24	and names of fish.	4364	tion.....3902-4
rationing.....2015	Fish meal.....4687	Flour.....4407	situation and outlook...
requirements.....1774	Fish solubles, condensed	analysis and composition	16,205,3858-9,
substitutes.....638	(feed).....2723	4405,4417	3866-70,4397,4815,
tests.....1838,1848	Fishponds, farm..5265,5269	baking quality.....4405	5189,5321
See also Manures; Miner-	Fistulous withers....2636	fortified.....159,5228,	storage, pests.....3139
als; Minor elements;	Fiziko-Agronomicheskij	5245	subsidies.....533,4887
Pastures, fertilizers;	Institut, Mendeleevo,	nutritive value....5233,	technology.....3932,3953
names of fertilizers	U. S. S. R.....5313	5249	trade.....497
and their constituent	Flatheaded apple tree	vitamins.....5235,5246	transportation.....57,
elements; and under	borer. See Chrysobothris	See also Mills and mill-	3883,3890,3897
names of plants.	femorata.	ing; and kinds of	See also Armed forces,
Fescue.....1223	Flax.....4393	flour.	Food; Botulism; Canning
Fiber plants	anatomy and physiology..	Flowers	and preserving; Cookery;
Colombia.....1178	1016,1042	arrangement....625,1402,	Dehydration; Freezing
See also names of plants	Argentina.....4387,4412	1478,1515	of food; Lend-lease;
Fiberboard.....139	Australia.....4233	color and fragrance....	Nutrition (human);
<b>Fibers</b>	breeding.....1269	1428,1437,1491,1537,	Preservation of food;
casein.....4167,4221	Canada.....4177,4889	1576,1731	U. S. Army, food; Vita-
cellulose.....4241-2	diseases.....1043	culture...1409,1546,1558	mins; and names of
dyeing.....4230	equipment.....3761	cut..1476,4679,4686,4698	foods.
equipment.....3709	fiber.....4161	industry.....4685,4691	Food and Agriculture Or-
industry.....486	industry	national.....698	ganization of the United
situation and outlook...	Canada.....4211	trade.....5161	Nations.....41,521,4865
4170	Peru.....4217	varieties.....1404	<b>Food plants</b>
synthetic.....4163-4,	injuries.....1016	See also Gardens and	East Africa.....682
4207-8,4222,4227,	pollination.....1180	gardening, ornamental;	pests.....3131
4232	prices.....4387,4412	Wild flowers; and names	wild.....1667,1722
textile.....541,2165	processing.....3761	of flowers.	See also subhead food
See also Agave; Ardlil;	programs.....4226	Fluorescence	plants under Wildlife;
Cotton; Flax; Eemp;	seed.....56,1259,1268	in plants.....1047	and subhead food and
Ramie; Wool.	subsidies.....4889	Fluorine	host plants under In-
<b>Ficus maroma. See Maroma.</b>	Sweden.....4192	poisoning, in sheep.3018	sects.
<b>Ficus religiosa. See Bo</b>	Uruguay.....4234	Fluorochemistry.....3874	<b>Foot and mouth disease</b>
<b>tree.</b>	varieties.....1270	Fly. See Flies.	Argentina.....2311,2320
<b>Field crops.....235,1131</b>	See also Linseed oil.	Fodder. See Feed.	control.....2311
injuries.....823	Flax straw.....4195	Food.....150,3863,5219	history.....2497
pests.....3162	Flea beetles.....3398,3425	analysis and composition	immunization.....2302
rotation with pasture...	See also names of	602,3874-5,5236	legislation...2311,2320
1133	genera.	Belgium.....482	Forage plants...1203,1208,
Sweden.....1134	Fleas, control.....76	bibliographies.....596	3834
varieties.....385	Flebotomus.....3440	Canada.....3857	anatomy and physiology..
yields.....1135	control.....3461	canned	1197
See also Rotation of	<b>Flies</b>	nutritive value...5254	Australia.....1206
crops; and names of	and disease.....3481	spoilage.....3723	fertilizers.....1824
crops.	control.....227,3462	storage.....328	New Zealand.....1248
<b>Fig, bo-tree. See Bo tree.</b>	See also Myiasis; common	care and handling...3935	Northwestern States..940
<b>Figs.....1320</b>	group names; and names	chemistry.....5218	planting.....1214,1241
dried.....4369	of families and genera.	contamination.....3481	seeds.....1190,1258
drying.....4345	<b>Floods.....23</b>	distribution.....3892	vitamins.....1102
preservation.....4350	Amazon River Basin..1781	dried.....3939,3959	See also Ranges, vegeta-
Filberts.....1396	control.....641-2,1923,	situation and outlook.	tion; Silage; and names
Films....82,85,89,102,106,	1984,1992	3928	of plants.
153,169	Iraq.....1928	Europe.....5177	<b>Forest Fire Fighters Serv.,</b>
See also Motion pic-	Missouri River Basin..	for relief.....17,23	Va.....611
tures.	643,1924	frozen.....3944,3959	<b>Forest fires....2102,2105,</b>
<b>Filter-press cake.....3756</b>	Rio Grande River Basin	marketing.....3880	2107
<b>Finance.....512</b>	1948	nutritive value...5260	Africa.....2104
British Commonwealth.512	<b>Floors.....297,3798,3817</b>	packaging.3907;3911-12	Argentina.....2103
See also Banks and	<b>Flora</b>	postwar.....486	lookouts.....2108
banking; Credit.	Australia	situation and outlook.	prevention..134,2101,2106
<b>Finlay, A. W.....5290</b>	Queensland.....728	3950	Virginia.....611
<b>Fir.....903</b>	Canada	storage.....3940	<b>Forest insects</b>
<b>Fir, balsam.....953</b>	Quebec.....717,723,727	Germany.....537,3861	control.....67
<b>Fires</b>	St. Lawrence region...	Great Britain.....4887	Newfoundland.....3106
brush.....2104	725-6	habits.....5225-6	See also names of
control.....169,3649	<b>Great Britain, England</b>	Hungary.....3895,3902	genera.
effect on vegetation....	Staffordshire.....718	industry.....3873	<b>Forest products.....2151</b>
1231,1234	<b>Great Smoky Mountains</b>	postwar.....486	transportation.....538
prevention.....151,2218,	Natl. Park, N. C. and	legislation.....3904	See also names of forest
3650,3661	Tenn.....713	marketing.....3862	products.
See also Forest fires.	Illinois.....720	Mexico.....5236	<b>Forestry</b>
<b>Fish</b>	Ireland.....618	moisture determina-	as a profession.....2062
bait.....3636	Maine.....711	tion.....3876	Canada
canned.....4688	Pacific Islands.....714,	prices, control.....533	bibliographies...5279
regulation and inspec-	758	processing.....3955	cooperative.....2048
tion.....215	South Carolina.....748	production..406,445,448,	economic aspects.2045-6,
insect food.....3102	Virginia.....719	1138,3862	2056-7,2060-2



- Forestry--Continued.**
- Item**
- Ecuador.....647
- India.....1113
- Iowa.....2222
- legislation.....2066
- Maine.....501
- Netherlands East Indies
- bibliographies.....671
- policies
- Canada.....2053
- Colombia.....2054
- Great Britain.....610
- India.....2058
- postwar.....501
- Great Britain.....610
- India.....2058
- programs.....2052
- Puerto Rico.....1129
- study and teaching.....
- 2226-7, 2229
- U. S. S. R.....1126
- Wisconsin.....2066
- See also Accidents,
- forest; 4-H Clubs, for-
- estry; Lumbering;
- Silviculture.
- Forests**
- Alabama.....2063
- Argentina.....2076
- Arkansas.....2071
- Australia.....2067, 2074
- Burma.....2069
- Canada.....2045-6, 2057,
- 2060-1
- Chile.....2050
- Colombia.....2075, 2077
- community.....2225
- Connecticut.....2223
- conservation..2047, 2055,
- 2059
- Finland.....2073
- Great Britain
- England.....2079
- Idaho.....236
- increment and yield..1116
- industries.....125
- influences...1991, 2231-2
- labor.....125, 2056
- management.....1, 2087-8,
- 2090, 2186
- Great Britain.....2064
- Italy.....608-9
- mensuration.....425,
- 2098-2100
- Michigan.....2070
- national.....126, 2224
- maps.....135
- Oregon.....133
- Pennsylvania.....137
- resources.....2078
- situation and outlook...1
- Southern States.....2051
- State.....1119, 2223
- Trinidad.....1106
- wildlife relations...236
- See also Ecology, for-
- est; Forest insects;
- Grazing, forest; Re-
- forestation; Trees;
- Wildlife; Woodlands,
- farm; and names of for-
- ests.
- Formaldehyde.....4558
- Formalin.....4049
- Fornax.....3409
- Fossil plants. See Paleo-
- botany.
- Foulbrood
- American..3205, 3212, 3254,
- 3265
- 4-H Clubs.....101, 400, 441,**
- 5128, 5143
- canning and preserving..
- 426, 439, 457
- cookery.....359-60, 434-6
- forestry.....418
- gardens.....384
- health and safety...427
- home management..419, 440
- leadership.....95-6
- records.....420, 442
- recreation.....430
- sewing.....431-3
- sheep.....2999
- statistics.....104
- swine.....437-8, 3089
- Fowl cholera.....2762, 2777
- Fowl pox.....2803, 2814
- immunization.....2773,
- 2778, 2807
- Foxes.....3144, 5272
- Freezing of food.....3740,
- 3942, 3946, 3957
- effect on nutritive
- value.....3929
- equipment.....416, 3738
- home..416, 423, 3731, 3930,
- 3960
- equipment...3741, 3744,
- 3837
- postwar.....3931
- situation and outlook...3945, 3948
- See also Locker plants;
- Refrigeration; and
- under names of prod-
- ucts.
- Freight rates.....63, 3884
- Frost, injury to plants...806, 853, 3697
- Frow, R.....3228, 3298
- Fructosan.....1089
- Fruit.....626
- Argentina.....1307, 4262,
- 4274
- Australia.....4317, 4357
- breeding.....1361
- Canada....1299, 4270, 4319
- canning.....534, 4368
- home.....4356
- Chile.....4358
- Colombia.....1308, 1325
- Colorado.....1303
- consumption.....4306
- culture.....1298, 1301,
- 1310, 1339, 1364, 1368
- diseases.....839, 887, 3392
- control.....810, 819,
- 851, 859
- dried.....4346, 4363
- drying..534, 4344, 4357-8,
- 4361-2
- dwarf trees.....1290
- fertilizers...1821, 1865
- for processing.....1289
- frozen.....534, 1289,
- 1376, 3742, 4365, 4376
- grading and standardi-
- zation.....4331
- harvesting....4331, 4790
- India.....4306
- industry.....4274, 4291
- injuries.....806, 853
- marketing.....308, 4252,
- 4308, 4310, 4317, 4319,
- 4324, 4327-8, 4790
- Minnesota.....1338
- New Zealand...4331, 4357
- pests....3128, 3143, 3164,
- 3423, 3447, 3550, 3592
- physiology.....1305
- Fruit--Continued.**
- Item**
- Portugal.....1306
- postwar.....1304, 4264
- preservation...4252, 4343
- home.....43
- programs.....4272
- propagation...627, 1300,
- 1349, 1362, 1365
- pruning...1313, 1335, 1370
- regulation and inspec-
- tion.....208
- situation and outlook...4276, 4295, 4298
- soils.....1808
- spraying and dusting....275, 375, 453,
- 814, 859, 3164, 3584
- seasonal.....1374
- statistics.....155, 4382
- storage...534, 3831, 4377
- Switzerland...1309, 1367
- taxation.....4266
- thinning.....1363
- transportation.....538
- tropical and subtropical
- 1313, 1328
- varieties.....1372, 1391
- See also Orchard manage-
- ment; and names of
- fruits.
- Fruit, small. See Berries;
- Grapes.
- Fulgoroidea.....3507
- South America.....3508
- See also names of fami-
- lies and genera.
- Fumigation
- injury to plants....829
- See also Soils, sanita-
- tion; names of fumi-
- gants; and under names
- of products.
- Fundella.....3585
- Fungi.....707
- anatomy and physiology..1051
- antibacterial.....692
- biochemistry.....1104
- Chile.....802
- in soils.....1766, 1773
- parasitic.....960
- to plants.....1039
- pathogenic
- to plants.....870
- poisonous.....1105, 2490
- technique and equipment. 978
- See also Fungicides;
- Growth substances for
- plants; Mushrooms; and
- names of fungi, fungi-
- cides, fungus diseases,
- and host plants.
- Fungicides.....79, 836
- organic.....863
- regulation and inspec-
- tion.....151
- situation and outlook...3140
- tests.....830, 843
- See also names of fungi-
- cides.
- Furniture.....447
- manufacture.....2184
- See also Upholstering;
- and kinds of furniture.
- Furs
- Karakul sheep.....4433
- Fusarium.....799, 801
- Fusarium oxysporum f.
- lycopersici.....864
- Future Farmers of Amer....**
- 5115, 5138
- livestock.....3080
- poultry.....5075
- sheep.....2999
- Galleria mellonella...3301
- Galls, plant.....878, 911
- Gallstones. See Calculi,
- biliary.
- Game.....126
- See also Wildlife.
- Gardens and gardening..89,
- 614, 616, 1297
- China.....1427
- Great Britain.....4284
- history.....1291
- irrigation....1898, 1910
- ornamental...1479, 1491,
- 1508, 1523, 1570
- pests...3125, 3135, 3183,
- 3532
- planting.....1295
- soils.....1806, 1885
- Tibet.....1427
- victory....347, 352, 373,
- 630, 826, 1601, 1703,
- 1898
- See also Clubs, garden;
- Flowers; 4-H Clubs,
- gardens; Fruit; Land-
- scape gardening; Memo-
- rial plantings; Orna-
- mental plants; Rock
- gardens; Soilless cul-
- ture; Truck farming;
- Vegetables.
- Garlic.....118, 378, 4378
- Garner, Robert. Natural
- History of the County of
- Staffordshire.....718
- Gasterophilus.....3456
- Gastritis, in cattle..2494
- Gay, Claudio.....690, 5289
- Geese.....555, 2854, 2927
- feeding and nutrition...2736
- General Livestock Breed-
- ers' Soc.....2237
- Genes
- insect.....3479
- plant.....744, 965, 975,
- 986-7
- Genetics
- insect.....3566
- plant.....980, 989
- See also Chromosomes;
- Genes; Heterosis; Link-
- age; Mutation; and sub-
- heads genetics and
- heredity under names of
- animals, insects, and
- plants.
- Gentiana quinquefolia..731
- Geography.....4856, 5000
- Ga. Univ. Col. of Agr..5051
- Germanin.....2647
- Germany. Biologische
- Reichsanstalt für Land-
- und Forstwirtschaft..5278
- Gerridae.....3505
- See also names of
- genera.
- Gesanol. See DDT.
- Gesneriaceae.....760
- Ginseng.....1724
- Gladiolus
- culture...1529, 5145, 1564
- diseases.....812, 900
- Gladiolus watsonius...750
- Glaucium.....1481



Item	Item	Item	Item
Globicornis nigripes...3383	Grain--Continued.	Greens, edible. <u>See</u> Feed,	Heliothis armigera
Gloeosporium perennans.	yields.....294	green; and names of	control.....3599
<u>See</u> Canker, perennial, of	<u>See also</u> Mills and mill-	greens.	Helius.....3441
apple.	ing; and names of	Group farming. <u>See</u> Farms	Helminthology
Glossina.....3469	grains.	and farming, group.	Ceylon.....2297
Glottidium vesicarium. <u>See</u>	Grama, blue.....1025	Grow More Food Campaign	Helminthosporium grami-
Bagpod.	Grammatophyllum speciosum.	(India).....4861	neum. <u>See</u> Stripe, of
Gloxinia, common. <u>See</u>	1544	Growth substances for	barley.
Sinningia speciosa.	Grange. <u>See</u> National	plants.....998	Helvina lypera n. sp..3403
Glue.....2156	Grange.	inhibitors....1009,1074,	Hematoma
Glycinin.....4531	Grape phylloxera. <u>See</u>	1344	in cats.....2590
Gnophomyia.....3441	Phylloxera vitifoliae.	<u>See also</u> Hormones,	in dogs.....2590
Gnorimoschema operculella.	Grapefruit	plant; and names of	Hemerocallis....1462,1486,
3559	culture.....1317	growth substances.	1549
Goats.....556,3022	juice and sirup....4354	Guano.....2032	Hemicellulose.....4694
anomalies.....3014	nutritive value....5264	Guavas	Hemiptera
breeds and breeding.....	Grapes	nutritive value....5237	Canada.....3503
2987,2991,2993	anatomy and physiology..	Guayule, biochemistry..683	<u>See also</u> common group
Saanen.....2989	1011,1036,4300	Gummosis, of citrus....890	names; and names of
care.....3006,3031	Argentina.....1378,4263	Gums and resins.....1039,	suborders, families
culling.....2993	Australia.....1381	4224,4690	and genera.
diseases.....3005	care and handling...4349	Gypsophila.....911	Hemlock, Pacific.....2217
farms and ranches...3023	costs and returns...4960	Habrobracon. <u>See</u> Micro-	bark.....2211
lactation.....3003	culture.....261,1386,	bracon.	Hemlock, western. <u>See</u>
milk production....3030	1388,1394	Halfordia kendack....1714	Hemlock, Pacific.
<u>See also</u> Artificial in-	diseases....819,830,834,	Haliodapus montandoni.3498	Hemp, substitutes....4168
semination; Butter,	841,875,877,881	Halotydeus destructor.3374	Henbane, black.....928
goat's-milk; and names	drying.....4371	Handbags.....324	Henequen
of anatomical parts,	equipment.3726,3730,3737	Handicrafts	diseases.....811
diseases, parasites,	Europe.....1383	Great Britain.....5080	Spain.....1181
and products.	injuries.....823	<u>See also</u> Basket making;	Hepatica.....1552
Goldenrod. <u>See</u> Solidago.	Palestine.....1380	4-H Clubs, crafts.	Hepaticae.....721-2
Gonomyia.....3442	pests.....841,1389,	Hansenella agilis....3380	Herbicides.....1683
Gooseberries.....1387	3386,3399	Hardiness, in plants.1000,	Herbs.....1697,1703-4,
diseases.....905	propagation....627,1393	1041	1707,1736
Gophers.....5280	Switzerland....1309,1382	Harrows.....3703	Heredity. <u>See</u> Genetics;
Gossypium hirsutum. <u>See</u>	varieties.....1389,1392	Harvesting. <u>See</u> Combines;	and under names of ani-
Cotton, upland.	waste.....2631	kinds of equipment; and	mals, insects, and
Government	Grapholitha molesta...3577	under names of crops.	plants.
agencies.....5043	Grass tetany....2457,2501	Hawks.....2825	Hermaphroditism
aid to agriculture...47,	Grasses	Haworthia sordida....735	in goats.....3014
4732	anatomy and physiology..	Hay.....3759,5138	Hernia
local.....500,5111	681,1035,1079	as feed.....288	in cattle.....2492
Great Britain.....5053	as feed.....3057	drying, barn..3710,3716,	in dogs.....2595
personnel.....12,149,170	biochemistry.....1096	3751,3765-7	Hesperidiidae.....3576
services.....514	Canada.....741	equipment.....3716,3728	<u>See also</u> names of
Brazil.....4828	culture.....1868	harvesting....3710,3727,	genera.
Hungary.....4837	diseases.....895,1079	3732,3746,3751-2,	Hessian fly. <u>See</u>
<u>See also</u> Credit; Fami-	fertilizers.....1841	3758,3768,4757	Phytophaga destructor.
lies, Government aid;	in soil conservation..90	nutritive value....3751	Heterocera. <u>See</u> Moths.
Policies and programs;	nutritive value....2421	quality..461,1814,2250-1	Heterodera marioni....465
Postwar planning; Sub-	<u>See also</u> Hay; Turf;	regulation and inspec-	Heteropsylla texana...3510
sides; and names of	names of grasses; and	tion.....4147	Heterosis.....709
of commodities and	under Silage.	<u>See also</u> kinds of hay.	in plants.....1026
Government agencies.	Grasshoppers and locusts	Hay-fever plants.....637	1,2,3,4,5,6 Hexachlorocy-
Government Corp. Control	anatomy and physiology..	Health.....13,15,658,	clohexane
Act.....111	3613	5044,5049	tests.....3378-9
Grafting. <u>See</u> subhead	control.....3623	Canada.....5076	toxicity.....3166
propagation under Fruit;	<u>See also</u> names of	Idaho.....94	Hexamitiasis, in turkeys..
Plants; and names of	genera.	Maryland.....5089	2784,2796
plants.	Grasslands	New Mexico.....5087	Hibiscus, kenaf..1010,1177
Grain	burned areas...1231,1245	public.....5102	Hickory.....2082
Argentina.....4412	farming.....200	services.....5089,5091,	Hides and skins
as feed...1162,2420,2451	<u>See also</u> Ley farming.	5094,5106	India.....4446
Canada.....4384	Grazing.....293	<u>See also</u> 4-H Clubs,	preparation for tanning.
cooperatives.....4396	effect on vegetation....	health and safety;	4522
culture.....1162	939,1201	Hospitals; Insurance,	trade.....4485
diseases, Arkansas...831	forest.....5004	health; Physicians; and	<u>See also</u> Leather; Tan-
drying.....3713	North Africa.....2258	subheads under Nutri-	ning.
fertilizers.....461	<u>See also</u> Forage plants;	tion (human).	High-frequency heating
history.....4399	Grasses; Pastures;	Health Coop. Assoc., New	in food processing.....
nutritive value....2754,	Ranges; U. S. Grazing	Mexico.....5087	3742,3952
5251	Serv.	Heat. <u>See</u> Temperature.	Histology, plant.....959
pests.....587	Gt. Smoky Mts. Natl.	Heat prostration	Histoplasmosis
planting.....1159	Park, N. C. and Tenn..713	in livestock.....2326	in dogs.....2589
statistics.....4384	Green manure....1830,1856	Heating, electric....3318	History
storage.....3713	Greenhouses	Heel flies. <u>See</u> Hypoderma.	Arabia.....5284
pests.....3173	fruit culture..1314,1386	Heifers. <u>See</u> Calves and	Argentina.....5297
transportation.....538	ornamentals....1447,1521	heifers.	Germany.....502
utilization.....4400	vegetable culture..1604,	Helichrysum adenophorum...	Italy.....510
varieties.....294,1153	1653		Paraguay.....5288
	<u>See also</u> Hotbeds.		



- History--Continued.** Item  
 Southern States.....5294  
See also under specific subjects.  
 Hitches.....3683, 3783  
 Hoary cress. See Whitetop, pepperweed.  
 Hog cholera...238, 3063, 3075  
 immunization...3067, 3070  
 Venezuela.....3070  
 Hogs. See Swine.  
 Holidays, Colombia....5092  
 Holstein-Friesian Assoc. of Canada.....2381  
 Home decoration.....428  
 Home demonstration work. See Extension work, home demonstration.  
 Home economics. See Home management.  
 Home management work management.....470  
See also 4-H Clubs, home management; and specific subjects.  
 Honey.....578, 3220  
 as bactericide.....3261  
 Canada.....3277  
 comb.....3191, 3288  
 extraction.....3253  
 nutritive value.....3280  
 regulation and inspection.....3277  
 trade.....4424  
 Union of South Africa...3234  
 yields...3195, 3213, 3241, 3293, 3348  
 Honey plants....1725, 3220, 3239, 3274, 3303  
See also names of honey plants.  
 Honeybee. See *Apis mellifera*.  
 Honeysuckle. See *Lonicera*.  
 Hopseed bush. See *Dodonaea*.  
 Hordeum irregulare n. sp.. 729  
 Hormones  
 animal.....2299, 2460, 2510, 3007  
 plant.....1069  
See also Growth substances for plants; and names of hormones.  
 Horse meat.....5167  
 Horse sickness, African... 2639  
 Horses.....2663, 2666-7  
 anatomy and physiology.. 2637  
 Argentina.....2670  
 Australia.....2623  
 breeds and breeding...237, 2617, 2620, 2622-4, 2628, 2632  
 Clydesdale.....2626  
 Palomino.....2618  
 Percheron....2621, 2627  
 Quarter Horse....2616, 2618  
 Thoroughbred...2625, 2630  
 Canada.....4526  
 care.....2662  
 Cuba.....2617  
 diseases.....2626  
 draft....2648, 2656, 2665, 3773  
 farms and ranches...2625  
 feeding and nutrition... 2631-2, 2634
- Horses--Continued.** Item  
 fertility.....2629  
 Germany.....2660  
 history.....2661  
 postwar.....2668  
 regulation and inspection.....2660  
 shows and sales.....2659  
 Spain.....2656  
 Sweden.....2658  
 training.....2672  
 Union of South Africa... 2669  
 war use.....2671  
 weight and measurement.. 2658  
See also Artificial insemination; Colts; Stallions; names of anatomical parts, diseases, and parasites; and under Anesthesia; Immunization.  
 Horticulture.....615  
 study and teaching...1293  
See also Flowers; Fruit; Gardens and gardening; Nurseries (plant); Ornamental plants; Vegetables; and names of plants.  
 Hospitals.....5078  
 Hotbeds.....3840  
 soils.....1887  
 Hothouses. See Greenhouses.  
 House plants....174, 1426, 1454, 1539, 1577  
See also names of plants.  
 Household equipment. See Equipment, household.  
 Household insects control.....591, 3152  
See also names of insects.  
 Houses. See Buildings; Farmhouses; Housing.  
 Housing.....291  
 Argentina.....3792  
See also Buildings; Farmhouses; Town and county planning, and under Census.  
 Houston clay.....1748  
 Hulling equipment.....3733  
 Humus.....1749, 1795, 1815, 1836, 1842, 2005  
 formation.....1782-3  
See also Soils, organic matter.  
 Hutches. See Rabbits, housing.  
 Hyacinth-bean. See Dolichos, hyacinth.  
 Hybridization. See names of animals and plants.  
 Hydatidosis, in man...2325  
 Hydrocyanic acid effect on plants....827  
 insecticides.....3523  
 Hydrogen-ion concentration 4042, 4049  
See also under Soils.  
 Hydrophobia. See Rabies.  
 Hydroponics. See Soilless culture.  
 Hygiene. See Health.  
 Hylemya brassicae control.....3694  
 Hyloicus pinastri....3594  
 Hylotastella n. g....3409
- Hymen, of horses.....2652**  
 Hyoscyamus niger. See Henbane, black.  
 Hypocalcemia in rabbits.....2975  
 Hypoderma.....3470  
 control.....3475  
 Hyssop.....1696
- Ice cream**  
 analysis and composition 4043  
 bibliographies.....4014  
 Central America.....3996  
 equipment.....3725  
 flavoring.....4089  
 Great Britain.....4085  
 industry.....4034  
 ingredients.....4121  
 manufacture.....4134  
 marketing.....4078, 4085  
 Idiocyttara n. g.....3603  
 Illinois pisi. See Macrosiphum pisi.  
 Immunization.....2290  
 Colombia.....2340  
See also Vaccines; and under names of diseases.  
 Imperial Bur. of Pastures and Forage Crops....2257  
 Implements. See names of implements.  
 Imported cabbage worm. See *Pieris rapae*.  
 Income.....115, 4722, 4738, 4741, 4881, 4939, 4943  
 Northwestern States...4739  
 Puerto Rico.....670  
 Sweden.....4740  
 Texas.....4388  
See also Taxation, income tax.  
 Incubation. See hatching under Poultry; and kinds of poultry.  
 Incubators.....3826  
 Indebtedness.....47  
 India.....345-6  
 Indians  
 Ecuador.....647  
 Guarani.....3100  
 North American.....1291  
 Industry  
 and agriculture....180, 4707, 4741  
 on the farm.....4881  
 rural.....5050  
 Great Britain....5066  
See also Agricultural products, utilization, industrial; Nutrition. (human), in industry.  
 Infants. See Nutrition (human), infants.  
 Inflation.....4743  
 China.....4742  
See also Prices.  
 Injections for plants.....696  
 Inositol phosphates...1750  
 Insecticides...68, 79, 3164, 3525, 3595  
 adjuvants.....3601  
 grading and standardization.....164  
 oil.....3180  
 regulation and inspection.....3151  
 situation and outlook... 3137, 3140, 4689  
 specifications.....3161  
 tests.....3160
- Insecticides--Continued.** Item  
 toxicity.....3178  
See also Aerosols; Baits and traps, for insects; Dusts and dusting; Sprays and spraying; and names of insecticides.  
 Insects  
 abnormalities.....3426, 3436, 3548, 3562, 3602  
 and disease.....552, 564  
 Pacific Islands...3653  
 Argentina.....3100, 3420  
 as pests.....3136, 3187  
 situation and outlook.. 3153  
 beneficial.....3103, 3135-6, 3187  
 biology.....579  
 Canada.....3162  
 collecting and collections....66, 3095, 3104, 3499, 3515, 3567, 3593, 3596  
 control....23, 3112, 3116, 3127, 3129, 3174  
 dissemination.....3111  
 Ecuador.....647  
 habits and behavior...3098  
 illustrations.....3096, 3105, 3107, 3109  
 larvae.....3105  
 populations.....3123  
 rearing and breeding... 3444  
 taxonomy.....3097  
See also Aeroplankton; Aquatic insects; Baits and traps, for insects; Entomology; Forest insects; Genetics, insect; Household insects; Insecticides; and names and classes of insects; and under specific subjects.  
 Inspection. See Plants, quarantine and inspection; and subhead regulation and inspection under other subjects.  
 Institutions  
 farms.....666  
 Great Britain.....492  
 Instituto Biológico de São Paulo.....3430  
 Insurance.....3794, 3814  
 Insurance.....4745  
 accident.....36  
 apiculture...3223, 3235, 3258-9  
 crop.....116  
 health.....458, 4744, 4746  
 livestock.....4723, 4747  
 transportation.....3897  
 Uruguay.....4723  
See also Social security.  
 Inter-American Conf. on Agr., 3d, Caracas, 1945.. 52, 5307  
 International agreements and treaties  
 Colombia - United States 5185  
 Mexico - United States.. 644  
See also Trade, agreements and treaties; and subhead agreements under specific subjects.



Item  
 International relations.  
   See subhead inter-  
   national under Co-  
   operation; Organi-  
   zations; Policies  
   and programs.  
 Intubation  
   abomasum of sheep...3020  
 Inuleae.....738  
 Investments.....4875  
 Io moth. See Automeris io.  
 Iowa. Agr. Expt. Sta. 240-1  
 Iowa Corn Res. Inst....241  
 Iowa. State Col. of Agr...  
   3877  
 Ipidae.....3412  
   See also names of  
   genera.  
 Iris.....1407  
   culture.....1415  
   varieties.....1458, 1486  
 Iris, Japanese.....1525  
 Iron  
   effect on plants....1043  
   in blood.....2651  
   in food.....4059  
   in plants.....232, 1028  
 Ironing.....342  
 Ironing boards.....343  
 Irradiation  
   effect on plants.....978

Item  
 Irradiation--Continued.  
   See also Ultraviolet  
   ray; X-ray.  
 Irrigation....1850, 1895-6,  
   1900, 1905-6, 1913,  
   1921-2, 1929, 1931, 1938,  
   1944-5  
   agreements.....644  
   Argentina.....1918  
   Arizona.....645, 1950  
   Australia.....1902  
   New South Wales..1919-  
   20, 1943, 5319  
   bibliographies.....193  
   Ecuador.....1926  
   equipment.....1933  
   Iraq.....1928  
   Missouri River Basin....  
   1924  
   New Mexico.....1942  
   Peru.....1930  
   Rio Grande River Basin..  
   1948  
   siphon-tube.....1912  
   Spain.....1936  
   Utah.....1934  
   water....1897, 1911, 1933,  
   1936  
   See also under Gardens  
   and gardening; and  
   names of crops.

Item  
 Isothan Q15.....813  
 Ivory palm.....1693  
 Jams. See Jellies and  
   jams.  
 Japanese beetle. See  
   Popillia japonica.  
 Jatropha.....754  
 Jaundice, in swine....3062  
 Jeeps.....3775  
 Jefferson, Thomas.....679  
 Jellies and jams.....4377  
   See also Canning and  
   preserving.  
 Johnson grass.....1669  
 Juniper.....142  
 Juniper, Rocky Mountain...  
   1574  
 Juniperus. See Juniper.  
 Juniperus scopulorum. See  
   Juniper, Rocky Mountain.  
 Jute.....956, 1063,  
   4219  
   India.....4199  
   See also Bags, jute.  
 Kale.....1656, 1659  
   as feed.....2448  
 Kans. Agr. Expt. Sta.....  
   2346

Item  
 Kans. Agr. Expt. Sta.--  
   Continued.  
   Ft. Hays Branch.....2415  
   publications.....244  
 Kans. State Col. Agr.  
   Ext. Serv.....2544, 3026  
 Karoo bush. See Pentzia  
   incana.  
 Karoo caterpillar,  
   Union of South Africa.  
   See Loxostege frus-  
   tralis.  
 Kenaf. See Hibiscus,  
   kenaf.  
 Ky. Sec. of State....4847  
 Keratitis, infectious.....  
   2294, 2493  
 Ketosis. See Acetonemia.  
 Kew Roy. Bot. Gard....1403  
 Kilns, lumber....143, 2149  
 Kitchens.....472-4  
 Knaus, Karl.....110  
 Koestler, Guido.....5291  
 Kohlrabi.....1588  
 Kok-saghyz  
   anatomy and physiology..  
   951, 1068, 1088  
 Kraftcord.....4168  
 Kudzu.....1230  
 Kürsteiner, Jakob.....5291



- Labeling**.....3905  
See also subhead grading and standardization under names of commodities.
- Labia minor**.....3627
- Lablab**. See *Dolichos*, hyacinth.
- Labor**.....354, 4765  
and the armed forces.... 4774  
camps.....271  
Canada.....4347  
China.....4910  
directories.....100  
foreign....666, 4771, 4789  
Germany.....4789  
Great Britain.....491  
Hungary.....4787, 4795  
Indiana.....4783  
Italy.....510  
legislation.....88  
Maine.....4762  
management.....417, 4786  
migratory.....5094  
New York (State)....4769  
Pennsylvania.....137  
programs.....153, 523  
requirements.....329  
situation and outlook... 4760  
statistics.....87, 4770  
Sweden.....4767  
training, Union of South Africa.....4755  
Union of South Africa... 4799  
volunteer.....98  
U. S. S. R.....4764  
work management.....93, 4775  
U. S. S. R.....4775, 4777, 4791-3, 4796  
See also Efficiency; Housing; Mexicans, labor in U. S.; U. S. Dept. of Labor; Wages; Women's Land Army; and subhead labor under Prisoners of war; Women; Youth.
- Labor-saving devices**.  
See Electricity, on the farm; Equipment, labor-saving.
- Labour Exchange (China)**... 4910
- Lac**.....3509
- Laccifer lacca**.....3509
- Lachenalia**.....1562
- Lacombe Hatchery, Alberta**.. 4613
- Lactation**. See under names of animals.
- Lactic acid**.....4048
- Lactose**.....4048
- Ladybeetles**. See *Coccinellidae*.
- Lamb (meat)**  
quality.....303
- Lambs**  
Australia.....4506  
care.....404  
costs and returns...4963  
feeding and nutrition... 303, 2996-7, 2999  
pasture and range...287, 2995  
marketing.....404  
New Zealand.....4963  
prices.....4506  
situation and outlook...39
- Lameness**  
in horses.....2641  
in poultry.....2765, 2804
- Laminitis, therapy**....2655
- Land**  
Alabama.....5008  
cadastral surveys...1796  
consolidation of holdings, Germany.....4991  
improvement.....1800  
military.....4922  
nationalization  
Great Britain....4981  
U. S. S. R.....4986  
policies, U. S. S. R.484  
prices.....302  
Hungary.....5012  
public.....2049, 4917  
reform  
Europe.....515  
Mexico.....4855  
settlement and colonization.....4977  
Australia....4716, 4998  
bibliographies...5279  
Canada.....4966, 4972  
Quebec.....4974-5  
Vancouver Island... 4967  
Colombia.....5018  
Great Plains.....4979  
Mexico.....4978  
Michigan.....254  
Palestine.....4973  
Peru.....4704  
submarginal.....1802  
tenure.....4983  
Amazon River Basin... 1781  
France.....4992  
Germany.....4990  
Great Britain.....4993  
Hungary.....4994  
Italy.....510  
Louisiana.....4982  
Mexico.....4987  
New York (State)....488, 4985  
Sierra Leone.....4988  
Southwest Inter-mountain region...44  
utilization...1802, 4995, 4997-5002, 5004  
Idaho.....235  
Mexico.....4715  
Nigeria.....5034  
study and teaching...196  
Utah.....309  
values.....5006-8, 5011, 5013, 5014, 5016  
postwar.....486  
See also Assessment; Farms and farming; Reclamation; Soils; Town and country planning; Veterans, land settlement.
- Land army**. See Labor, volunteer; Women's Land Army.
- Land-grant colleges**...301
- directories**.....14
- Landscape gardening**...1459, 1463, 1467, 1530, 1558  
community.....1406  
hillside.....1401  
See also 4-H Clubs, gardens; Roadside planting.
- Larch, western**.....1543
- ward**.....4140
- Larix occidentalis**. See Larch, western.
- Late blight**  
of potato.....248, 842, 884, 964  
of tomato.....902
- Lathyrus hirsutis**. See Pea vine, rough.
- Lathyrus japonicus**....878
- Latrines**.....3462
- Lauryl isoquinolinium bromide**. See Isothan Q15.
- Lawns**.....1538  
diseases.....298  
pests.....298, 3130  
See also Grasses; Turf.
- Lead arsenate**  
insecticides.....3601
- Leadership, rural**....5112  
See also 4-H Clubs, leadership.
- Leaf roll**  
of potato.....917, 923
- Leases**  
Peru.....4989  
Spain.....4984
- Leather**....4511, 4514, 4516  
See also Hides and skins; Tanning.
- Leaves, anatomy and physiology**.....1018
- Lecithin**.....4692
- Leek moth (Great Britain)**.  
See *Acrolepia assectella*.
- Leeks**.....3591
- Legislation**  
Hungary.....4840  
U. S. S. R.....5145  
See also under specific subjects.
- Legs, of insects**.....3109
- Legumes**  
Australia.....1206  
Canada.....1215  
Colombia.....1232  
effect on soils....1829, 1852, 1874  
for pastures.....1250  
honey plants.....1250  
inoculation.....7, 1767  
nitrogen fixation...1771  
seeds.....30, 1099, 4636  
vitamins.....1093  
See also Silage, grass and legume; and names of legumes.
- Lemon-grass oil**.....4534
- Lemons**  
diseases.....307  
pests.....3597
- Lend-lease**.....519, 524, 2128, 5186
- Leopard moth**. See *Zeuzera pyrina*.
- Lepidoptera**.....3548  
Argentina.....3561  
collecting and collections.....3596  
Great Britain.....3101  
habits and behavior...3555  
migration.....3561, 3570  
Shetland Islands...3554  
taxonomy.....3574  
See also Butterflies; Caterpillars; Moths; and common group names and names of families and genera.
- Lepedeza, Chinese**....1226
- Lesser grain borer**. See *Rhizopertha dominica*.
- Lettuce**  
culture.....1623  
diseases.....926  
seeds.....1048
- Leukosis**  
in poultry.....2780  
resistance.....2819  
transmission.....2820
- Levels**.....3665
- Ley farming**.....1213  
See also Field crops, rotation with pasture; Grasslands, farming.
- Libraries**....487, 514, 5071, 5090  
Canada.....481
- Lice**  
on cattle.....3643  
on livestock.....3186  
on poultry.....3641, 3644  
on swine.....3642  
See also Anoplura; Mallophaga; and names of families and genera.
- Lichens**.....721-2  
See also names of families and genera.
- Light**  
effect on  
insects.....3175  
plants...999, 1049, 1071  
See also Photoperiodism; Photosensitization.
- Lighting**.....3846
- Ligustrum**.....1050
- Lilac**.....1400, 1420, 1438, 1440, 1483
- Lily, varieties**.....1506
- Lily, regal**.....1456
- Lime**  
in soil improvement.... 312, 1837  
policies.....24  
See also Calcium.
- Lime sulfur**.....859
- Lime tree**. See Linden.
- Limestone**.....2030
- Limnophila**.....3442
- Limonia**.....3441
- Linden**.....1027
- Linkage, in plants**....979
- Linkous, Lee**.....1962
- Linseed**. See Flax, seeds.
- Linseed meal**.....56
- Linseed oil**.....56, 215
- Lipoptena depressa**....460
- Lippia thymoides**....1701
- Listera australis**....765
- Listerella monocytogenes**  
in swine.....3065  
See also Listerellosis.
- Listerellosis**  
in goats.....3009  
in swine.....3065  
See also Listerella monocytogenes.
- Litchfield Co. (Conn.)**  
Artificial Breeding Assoc.....2383
- Lithocharis ardenus n. sp.**  
3431
- Little leaf, of pine**....6
- Little potato disease**..876
- Liver, of fish**.....2723
- Liver fluke**.....2338  
in sheep.....3016
- Liverworts**. See *Hepaticae*.
- Livestock**.....52, 550  
age.....2300  
Arctic regions.....664  
Argentina.....4438



- Livestock--Continued.**
- associations..2237, 2353, 2361
- Australia.....2360, 4497
- breeds and breeding..566, 2239-44
- care.....570
- Chile.....4425
- Colombia.....2357
- credit.....4737
- diseases...553, 563, 2290, 2298, 2306, 2310, 2321, 2332
- Burma.....2323
- economic aspects..2307
- India.....2323
- Europe.....550
- farms and ranches diversified.....401
- feeding and nutrition... 2245, 2252, 2254-6, 2261, 2272, 2276
- deficiencies.....2266
- pasture and range..2260
- substitutes.....2274
- fertility.....2233, 2236
- France.....4460
- Great Britain.....2239
- heredity.....566
- history.....2359
- India.....4470
- industry.....4463
- North Africa.....2258
- injuries.....2307
- Kenya.....558
- New Zealand.....4464
- parasites...552, 564, 573, 2306, 2337, 3168
- economic aspects..2307
- pests.....3155
- Portugal.....4440
- pregnancy.....2285
- prices.....4486
- control.....3924
- records and testing..269
- regulation and inspection.....2332, 2344
- research....2345-6, 2351, 2354
- situation and outlook... 376, 4439, 4455, 4457, 4482
- Spain.....2347, 2356
- statistics.....4527
- surgery.....547-8, 2308
- transportation.....538, 2347, 2352, 4479
- U. S. S. R.....2350
- Uruguay.....2344, 4459
- Venezuela.....2332
- See also Artificial insemination; Feed; Insurance, livestock; Ruminants; Slaughtering; Veterinary medicine; names of animals; and names of anatomical parts, diseases, parasites; and products.
- Livestock products...**4445, 4464
- Living conditions.** See Cost and standard of living.
- Lixophaga.....3473
- Loading equipment....3730, 3757
- Locker plants...3829, 3837, 3942, 3946, 4335, 4340, 4517
- postwar.....3931
- See also Freezing of food; Refrigeration.
- Locust.....**612
- Locusts (Hemiptera). See Cicadidae.
- Locusts (Orthoptera). See Grasshoppers and locusts.
- Loess....1742, 1745, 1778-9, 1786, 1790, 1794, 1798
- Logging.....2122, 2124
- labor.....2121, 2125
- postwar.....2117
- salvage.....2119
- selective.....142
- Tennessee Valley....2110
- waste.....2120, 2181
- Logs, transportation..2126
- Lonchocarpus.....75-7
- Lone star tick. See Amblyomma americanum.
- Loniceria.....1485
- La. Agr. Expt. Sta....1183
- Lovegrass, Lehmann....1192
- Lown, Clarence.....1524
- Loxostege frustralis..3605
- Lubrication. See Equipment, lubrication.
- Lucerne. See Alfalfa.
- Lucilia.....3482
- Lucilia sericata. See Phaenicia sericata.
- Luhea divaricata. See Whiptree.
- Lumber.....2132
- Canada.....2115, 2130
- grading and standardization.....2111, 2113
- India.....2065
- industry.....2129
- marketing.....2109
- postwar.....2127, 2129
- situation and outlook... 144
- trade.....2128
- transportation.....2114
- Union of South Africa... 2072
- utilization.....142
- See also Kilns; Sawmills; Timber; Wood; and tree and lumber names.
- Lumbering**
- Alaska.....120
- study and teaching..2228
- See also Logging; Sawmills.
- Lunches, school....59, 206, 5195
- Lupine
- varieties.....1199
- Lupine, white.....1094
- Lupinus.....1442
- Lupinus albus. See Lupine, white.
- Lygus.....68-9
- Lymphocytomatosis in cattle.....2464
- Lymphomatosis. See Leukosis.
- Lynchia americana....3445
- Lythrum.....1679
- Machaerium.....698
- Machinery. See Equipment; and kinds of equipment.
- Macrosiphum pisi....3513, 3525
- Madrid, Carlos.....4841
- Madura Ramnad (India) Dist. Co-op. Conf....5152
- Magliccada septendecim... 3504, 3514
- Magnesium, in plants..1091
- Maize. See Corn.**
- Malaria**
- control.....3490, 3495
- Europe.....658
- in poultry.....3489
- Netherlands East Indies. 3497
- See also Plasmodium.
- Malnutrition. See subheads under Nutrition (human).**
- Malthodes hirsutotibialis n. sp.....3407
- Manettia.....799
- Manganese, effect on plants.....1021, 1079
- Mange
- on rabbits.....3366
- on sheep.....3368
- See also Psoroptes.
- Mangoes.....1318
- Manihot. See Cassava.
- Manitoba Dairy Assoc..4001
- Mannington (W. Va.) Dist. Jersey Cattle Club...2371
- Manures...1835, 1850, 2006, 2033-4, 2040, 2042
- analysis and composition 1771
- application.....1818
- effect on soils.....1832
- liquid.....315
- poultry.....2897
- See also Green manure; Guano.
- Manuscripts.....193
- Maple, planetree.....740
- Maple, sugar (tree) management.....2089
- Maps and mapping. See under specific subjects.
- Marbut, C. F. Soils of the United States...1785
- Margarine.....5240
- legislation.....4543
- manufacture.....4537
- situation and outlook... 4546, 4553
- Margosa oil.....4539
- Marie-Victorin, Frère.... 5287
- writings.....680
- Maritime Poultry Council, Canada.....4570
- Markea dimorpha.....759
- Markets and marketing..110, 3886
- Connecticut.....224-5
- cooperative.....3881-2, 3889, 3891
- directories.....208
- Great Britain.....3878
- Hungary.....3888
- Italy.....510
- New Zealand.....3898
- postwar.....3900-1
- regulation and inspection.....3888
- roadside.....4591
- Union of South Africa... 3885
- U. S. S. R.....484
- See also under names of commodities.
- Marmalade. See Jellies and jams.**
- Maroma.....4623
- Marshes.....1907
- Masicera insignis....3451
- Mastitis**
- in cattle.....2455, 2467, 2469, 2474, 2477, 2484, 2487, 2495, 2513
- Mastitis--Continued.**
- in cattle--continued.
- control.....2473, 2475, 2489, 2505
- tests.....2472
- therapy.....2496, 2507
- in sheep.....3017
- See also Streptococcus agalactiae.
- Mastopsenius n. g....3433
- Maté.....1709
- Mathiola.....986-8
- Mayo, Nelson S.....2317
- Meadows. See Pastures.
- Meal. See kinds of meal.
- Meat**
- Arctic regions.....664
- bacteria.....4499
- canned.....4499
- canning.....4515, 4524
- Chile.....4442
- cookery.....55
- frozen.....4521
- marketing.....4480, 4491
- packing industry....113, 4523
- preservation.....3933
- home.....4512
- prices, control.....3924
- processed.....4474
- processing.....4523
- regulation and inspection....4496, 4498, 4500
- situation and outlook... 4431, 4432, 4435, 4443, 4448, 4466
- Union of South Africa... 4465
- Uruguay.....4436, 4459, 4477, 4507
- See also kinds of meat.
- Mechanics**
- study and teaching..3678, 3776
- See also subhead maintenance and repair under Equipment and names of machines and vehicles.
- Mechanization...**3662, 3684, 3699
- financing.....3662
- Sweden.....3672
- Medical entomology. See Insects, and disease.**
- Medical service. See Health.**
- Medicine, tropical. See Diseases, tropical.**
- Mediterranean fruitfly. See Ceratitis capitata.**
- Medlars.....1346
- Megaxenistusa n. g...3433
- Melosis, insect.....3413
- Melampsora lini.....897
- Melia azadirachta. See Margosa.
- Melia azedarach umbraculiformis. See Chinaberry, umbrella.
- Melons**
- Canada.....4265
- culture.....1603
- nutritive value.....217
- See also names of melons.
- Memorial plantings....710
- Meningitis, in dogs...2603
- Menispermaceae.....966
- Mercado de Algodón, Buenos Aires.....4206
- Merthiolate.....307
- Mespilus germanica. See Medlars.



Mesquite.....1196,2084  
   control.....1673,1688  
 Metabolism. See under  
   names of animals.  
 Metaphycus lounsburyi.3534  
 Meteorology. See Climate  
   and weather.  
 Methyl bromide....829,3149  
 Methylene blue....4040-1,  
   4051  
 Metopomuscopteryx shannoni  
   3452  
 Metritis, in cattle...2465  
 Mexican - U. S. Agr. Conn.  
   118  
 Mexican fruitfly. See  
   Anastrepha ludens.  
 Mexicans, labor in U. S...  
   4761,4778  
 Meximachilis n. g.....3640  
 Mice, control.....5280  
 Microbiology. See Micro-  
   organisms.  
 Microbracon.....3483,3535  
 Microcylloepus.....3416  
 Microcystis flos-aquae....  
   2506  
 Microlepidoptera.....3571  
   See also names of  
   families and genera.  
 Microorganisms.....553  
   See also Soils, micro-  
   biology; and names and  
   classes of organisms.  
 Migration. See under  
   Population.  
 Mildew. See American mil-  
   dew; Powdery mildew; and  
   names of causal organisms.  
 Mildewproofing.....4185  
 Military land. See Land,  
   military.  
 Milk.....4026  
   adulteration...4054,4090  
   analysis and composition  
     4046,4048-9,4051-2,  
     4054,4065,4068,4090  
   Argentina.....4013  
   as feed.....268,3047  
   bacteria.....4045,4047,  
     4055-7,4060,4067,4090  
   tests.....4040  
   thermophilic....4041,  
     4064,4066  
   Canada...4002,4032,4069,  
     4093,4958  
   care and handling...3754,  
     4086,4132,4137  
   chemistry.....4122  
   condensed and evaporated  
     4083,4101,5255  
   consumption.....38,225,  
     4069,4090  
   containers.....4107-8  
     sanitation.....3754  
   cooling.....4050,4136  
   costs and returns...4958  
   curd.....4116,4126  
   distribution...4074,4076,  
     4080,4087  
   dried.....4071  
     analysis and composi-  
     tion.....4044,4059  
     industry.....4135  
   fat.....213,239,4017,  
     4050,4053,4063,5240  
   fermented.....4067  
   flavor and odor.....378  
   fortified.....4107  
   France.....3991  
   frozen.....4120  
   history.....4028  
   homogenized.....4107

Item  
 Milk--Continued.  
   keeping quality.....4091  
   legislation.....4090  
   marketing.....224-5,  
     4072,4079,4083-4,  
     4086,4088  
   nutritive value.....4090  
   pasteurization.....4128  
   pasteurized....4045,4066  
   postwar.....4039  
   prices.....4109-11  
   production.....225,3992,  
     3995,4012,4030,4033  
   purchasing.....225  
   quality.....4092,4097,  
     4099  
   regulation and in-  
   spection...213,4093-4,  
     4098,4102,4105  
   sampling.....4062  
   situation and outlook...  
     3993,4074,4100  
   solids-not-fat.....213,  
     4070  
   sterilization.....4127  
   Switzerland.....4065,  
     4109,4111  
   Union of South Africa...  
     4023  
   See also Colostrum.  
 Milk bottles. See Milk,  
   containers.  
 Milk Found. (Montreal)....  
   4003  
 Milk houses.....3802  
 Milk plants. See Cream-  
   eries.  
 Milking.....2560  
 Milking machines  
   sanitation.....3714  
 Milkweed  
   utilization.....4681  
 Millet, foxtail.....1756  
 Millinery.....382  
 Millipedes. See Diplopoda.  
 Mills and milling  
   Canada.....532  
   equipment.....3749,3755,  
     3774,3778  
   fire prevention....3750  
   See also Sawmills; and  
   under names of grains.  
 Millwork.....122  
 Mimicry, in insects...3609  
 Minerals  
   effect on plants...1078  
   in animal nutrition.288,  
     2028,2253,2259,2267,  
     2282,2314  
   in human nutrition..2028  
   in plants.....2028  
   in soils.....1751,2028  
   See also Minor elements;  
   and names of minerals.  
 Minks.....3476  
 Minn. Agr. Expt. Sta...257  
 Minor elements  
   in animal nutrition.1826  
   in plants.....1826  
 Mint.....1720  
 Mo. Bot. Gard.....677  
 Mo. Col. of Agr.....260  
 Mo. Valley Authority...643,  
   1924  
 Mites.....3367  
   on livestock.....3186  
   See also names of  
   families and genera.  
 Mnium hymenophylloides....  
   792

Item  
 Molds. See Mildew; names  
   of molds and classes of  
   molds; and under names of  
   products.  
 Moles.....5280  
 Molophilus.....3442  
 Molybdenum.....2027  
 Monoceronychus n. g...3370  
 Monochamus.....2118  
 Monochloroacetic acid..1015  
 Mortar.....3854  
 Mosaic  
   of bean.....925  
   of broccoli.....838  
   of lettuce.....926  
   of potato.....917  
   of tobacco.....929,1283  
 Mosquito netting.....3493  
 Mosquitoes  
   collecting and collec-  
   tions.....3175  
   control.....3495  
   engineering methods...  
     3494  
   See also names of  
   genera.  
 Mosses. See Musci.  
 Moths  
   Canada.....3580  
   collecting and collec-  
   tions.....3593  
   North America.....3567  
   See also names of  
   families and genera.  
 Motion pictures.....2553  
   See also Films.  
 Mottled leaf  
   of citrus.....844  
 Mouth parts  
   of insects.....3457  
 Muhlenbergia tenuiflora...  
   724  
 Mulberry.....590  
 Mulching.....1890-2  
 Mules.....237,2663,2666  
 Mullein.....1700  
 Multiceps serialis....2297  
 Multiple neuritis. See  
   Polyneuritis.  
 Muresk (West. Austral.)  
   Agr. Col.....3044  
 Musci.....722,789  
   Canada.....788,790  
 Mushrooms.....1644  
   culture.....1613,1634  
 Musts. See Wine, musts.  
 Mutation  
   bacteria.....973  
   insect.....3480  
   plant.....956,1037  
 Mycology. See Fungi.  
 Mycosphaerella physostegia  
   n. sp.....800  
 Myiasis.....3482  
 Myiocephalus boops....3526  
 Myioclania n. g.....3473  
 Myiopharus.....3473  
 Myroxylon pereirae. See  
   Balm tree, Peru balsam.  
 Myxomatosis  
   in rabbits.....5277  
 Myxophyceae.....794  
 Myxosargini.....3458  
 Natal Agr. Union.....5122  
 National Apple Inst...4280  
 National Assoc. County  
   Agr. Agents.....5119  
 National Council of Farmer  
   Coop.....5120,5126  
 National Fed. of State  
   Beekeepers Assoc...3202-3

Item  
 National forests. See  
   Forests, national; and  
   names of forests.  
 National parks. See names  
   of parks.  
 National Peanut Council...  
   4545  
 National Poultry Impr.  
   Plan.....565  
 National Res. Council.4411  
 National Tax Equality  
   Assoc.....4750,4754  
 National Tribute Grove....  
   2221  
 National Turkey Impr. 1  
   Plan  
   Kansas.....2900  
 National War Agencies  
   Appropriation Bill for  
   1945.....668  
 Natural history.....662  
 Natural resources.....1996,  
   5271,5275,5281,5320  
   See also Conservation of  
   natural resources.  
 Nature study.....421  
 Naval stores.....34,2186-9  
   See also names of  
   products.  
 Necklace tree. See  
   Sophora, Texas.  
 Necrosis, of potato....922  
 Needlegrass.....874  
 Needlegrass, Texas....1014  
 Negroes.....500  
   farmers.....5037  
   See also under Extension  
   work.  
 Neighborhoods. See  
   Communities.  
 Nematodes.....3409  
   in potato.....932  
   in soils.....2001  
   in wheat.....933  
   See also names of  
   nematodes; nematode  
   diseases; and animals,  
   insects, and plants  
   affected.  
 Neodiapodius n. g.....3409  
 Neognophomyia.....3441  
 Nerves, of livestock  
   injuries.....2308  
 Neshoba County (Miss.)  
   Cin Assoc.....4228  
 Nettle, white-horse. See  
   Nightshade, silverleaf.  
 Nettlespurge. See  
   Jatropha.  
 Neuquenina ficator.....3622  
 Neuritis, multiple. See  
   Polyneuritis.  
 Neurospora.....975,989  
 Neurospora crassa....1024,  
   1061  
 N. J. Poultry and Egg  
   Coop. Mktg. Assoc., Inc..  
   4589  
 N. J. Ten-Ton Tomato Club.  
   4283  
 N. Y. Agr. Col. (Cornell),  
   publications.....413  
 N. Y. (Cornell) Agr. Expt.  
   Sta., publications...413  
 N. Y. State Cheese Impr.  
   Program.....4096  
 New Zealand spinach...1023  
 Newfoundland. Natural Re-  
   sources Dept. Agr. Div...  
   4938  
 Niacin. See Vitamin B.  
 Nicotine  
   insecticides...3142,3146



- Nicotinic acid.** See Vitamin B.
- Nightshade, silverleaf....** 216
- Nimiglossa n. g.....** 3473
- Nitrogen**  
effect on plants....926,  
1081,1776,1829,1861  
fertilizers.....409,461,  
1740,1817,1824,1845,  
1847,1855,1865,1881,2018  
in plants 1015,1094,3513  
in soils.....414  
sources...1771,2019,2022
- Noctuidae.** See Phalaenidae.
- Nola.....** 3603
- Nolidae**  
Australia.....3603  
See also names of  
genera.
- Nosema.....** 3206, 3218, 3221,  
3246, 3286
- Notoedres.....** 3366, 3378
- Notoedres muris.....** 3379
- Nurseries (plant)**  
forest.....1880  
postwar.....4699
- Nutrition (animal).** See  
Feed, nutritive value;  
Soils, nutrition relationships;  
subhead feeding and nutrition  
under Livestock, Poultry,  
and names of animals;  
and subheads as feed and  
in animal nutrition  
under names of plants  
and products.
- Nutrition (human).....** 599,  
5191,5194,5199,5208,  
5214  
and health.....5216  
and teeth.....5215  
Antarctic regions...5206  
armed forces.....5202-3  
as an occupation....656  
bibliographies.....596  
Brazil.....5212  
Canada.....5201,5213  
children.....5195,5197,  
5223,5248,5255  
deficiencies...595,5193,  
5215  
diet.....233,599  
disease factor..659,5220  
Europe.....658,5190  
Great Britain.....491  
Hawaii.....523  
in industry.....55,209,  
5201,5225  
in old age.....5222  
in pregnancy.....5207  
infants.....595  
low-cost foods.....5217  
Peru.....5205  
postwar.....5219  
programs.....5210  
requirements.....5198  
research.....81,5224  
study and teaching..5209  
surveys.....5196  
See also Breakfast;  
Cookery; Food; Lunches;  
Soils, nutrition relationships;  
Vitamins;  
and names of foods and  
food elements.
- Nutrition (plant).** See  
Growth substances for  
plants; Plants, nutrition;  
subheads effect on  
plants and in plants  
under Minerals and  
Soils; and names of  
plants and plant  
nutrients.
- Nuts.....** 3737  
See also names of nuts.
- Nyssa.** See Tupelo.
- Oak, cork.....** 1125
- Oak, durand.** See Quercus  
durandii.
- Oak, laurel.....** 1420
- Oatgrass, tall.....** 1202
- Oats**  
anatomy and physiology..  
1032,1083,1146  
Australia.....1169  
breeding.....984,1146  
culture.....1142  
diseases.....891  
equipment.....3832  
resistance.....984  
storage.....3832  
varieties.....292-3
- Obstetrics**  
livestock...548,576,2334  
See also Retained  
placenta; and subhead  
parturition under names  
of animals.
- Occupations.....** 656  
See also subhead as an  
occupation under  
specific subjects.
- Odonata.....** 3630
- Great Britain.....** 3101  
See also names of  
families and genera.
- Odynerus dorsalis.....** 3541
- Oeceticus.** See Oiketicus.
- Oedema.** See Edema.
- Oestrus ovis.....** 3477
- Oidium.....** 798
- Oidium tuckeri.** See  
Powdery mildew.
- Oiketicus kirbyi.....** 3552,  
3556
- Oil plants**  
culture.....1266  
See also names of oil  
plants.
- Oiling.** See Equipment,  
lubrication.
- Oils and fats**  
Haiti.....4554  
in food manufacture..4538  
processing.....4535  
salvage.....204  
situation and outlook...  
54,4549,4552  
Syria and Lebanon...4528  
See also Essential oils;  
and names of oils and  
fats.
- Oilseeds.** See names of  
oilseeds.
- Oleomargarine.** See  
Margarine.
- Olive oil.....** 4529,4536
- Olives**  
Algeria.....4536  
Argentina.....4530  
fertilizers.....1855  
pests.....3410,3523  
Spain.....4533
- Onions.....** 1118  
anatomy and physiology..  
1069  
culture.....1595,1608,  
1614,1618  
diseases.....816  
planting.....1655  
situation and outlook...  
4294
- Ontario Agr. Comn. of  
Inquiry.....** 4850
- Ontario Hort. Assoc....** 1108
- Ontario Prov. Hort. Expt.  
Sta., Vineland.....** 1298
- Opseotapinotus.....** 3418
- Oranges**  
costs and returns..4956  
culture.....1815  
diseases.....835,848  
juice.....4372  
nutritive value....5253  
pruning.....1323  
varieties.....1332
- Orchard management....** 1302,  
1886
- Orchardgrass.....** 186
- Orchards.** See Fruit.
- Orchetypus rugifrons..** 3619
- Orchid**  
Brazil.....1573  
China.....1414  
culture..1397,1426,1447,  
1482,1493,1511,1539  
germination.....1475  
varieties.....1403,1413  
See also names of  
orchids.
- Orchidaceae**  
Australia.....749,763  
Organizations...5155,5157  
Argentina.....4701,5134  
Canada.....5113  
international.....40,91  
Union of South Africa...  
5131  
See also Clubs; Co-  
operative organiza-  
tions; names of organ-  
izations; and subhead  
associations under  
specific subjects.
- Oria muscosa.....** 3573
- Oriental fruit moth.** See  
Grapholitha molesta.
- Oriental rat flea.** See  
Xenopsylla cheopis.
- Origanum, Crete-dittany...**  
1738
- Ormenis Metcalf.** See  
Epormenis.
- Ormosia.....** 3442
- Ornamental plants.....** 1554  
annuals...1424,1454,1581  
Great Britain.....1432  
perennials...1435,1505,  
1510,1550,1556,1578  
propagation.....1559  
soils.....1409  
varieties..1446,1554,1579  
See also Flowers; Shrubs;  
Trees; and names of  
plants.
- Oropsylla**  
North America.....3633
- Orthoptera.** See Grass-  
hoppers and locusts; and  
names of families and  
genera.
- Oryza sativa.** See Rice.
- Oryzaephilus surinamensis.**  
3123
- Oryzopsis.** See Ricegrass.
- Osteitis, in cattle....** 2488
- Otto, W.W.....** 2683
- Outlook, agricultural.** See  
Agriculture, situation  
and outlook.
- Ovary, of dogs.....** 2593
- Oxalis.....** 1567
- Oxen.....** 2576  
Nigeria.....2446
- Oxydiscus.....** 3441
- Oxypetalum caeruleum..** 1512
- Ozark Natl. Forest.....** 135
- P.F. dust.....** 3398
- Pachynematus.....** 3542
- Pachypeza.....** 3403
- Pachypezini.....** 3403
- Pachyphytum werdermanii...**  
736
- Packaging.....** 3910  
See also Containers; and  
under names of com-  
modities.
- Painting.....** 3804
- Palaecrita vernata....** 3569
- Paleobotany...629,673,693**  
pollen analysis.....681
- Palm.** See names of palms.
- Palm weevil.** See Rhyn-  
chophorus palmarum.
- Pan-disease.** See Micro-  
cystis flos-aquae.
- Panicum xanthophyllum...** 730
- Panleukopenia**  
in cats.....2602
- Pansy.....** 1451
- Pantothenic acid.** See  
Vitamin B.
- Papayas.....** 1322,1330
- Paper.** See Pulp and paper.
- Paperboard.....** 2205,4400,  
4681  
physical properties..2206
- Paradichlorobenzene...3301**
- Paralysis, in poultry.**  
See Leukosis, in poultry.
- Parasites.** See names of  
parasites; and under  
names of hosts.
- Parasitic plants.....** 691
- Parasitology.....** 646,653
- Paratetranychus pilosus...**  
3382
- Paratyphoid.** See  
Salmonellosis.
- Pareronia valeria.....** 3609
- Parks.** See Memorial plant-  
ings; U. S. Natl. Park  
Serv.; and names of  
parks.
- Parques Nacionales del  
Agua, Argentina.....** 3095
- Parson, Howard Everett....**  
5286
- Part-time farming...2,4895**
- Parturition.** See Obstet-  
rics; and under names of  
animals.
- Paspalum.....** 779
- Paspalum dilatatum.** See  
Dallis grass.
- Passos, Viola Harriet  
dos.....** 3567
- Pasteurella tularensis....**  
3358  
See also Tularemia.



- Pasteurization.** See under  
Milk.
- Pastures**.....183, 198, 1249  
and animal nutrition....  
21, 3011
- Australia.....1198, 1256  
Canada.....1254  
dry-land.....1217  
East Africa.....1244  
fertilizers.....315, 1799,  
1819, 1824, 1827  
Great Britain.....1209  
Kenya.....558  
management. 235, 304, 1184,  
1186, 1188, 1211, 1221,  
1257, 1799, 1807, 2415,  
2425, 2535, 2897, 4943  
New Zealand.....1247  
Peru.....1216  
planting.....1139, 1190  
seasonal.....1203, 1234,  
1251  
Sweden.....1235  
See also Field crops,  
rotation with pasture;  
Forage plants; Grasses;  
Grasslands; Grazing; Ley  
farming; Ranges; and  
subhead feeding and  
nutrition, pasture and  
range under Poultry  
and names of animals.
- Patents, plant**.....1332
- Pathology, plant.** See  
Plants, diseases.
- Patterns (sewing)**...10, 390
- Paulownia**.....1509
- Pea aphid.** See *Macrosiphum*  
*pisi*.
- Pea vine, maritime.** See  
*Lathyrus japonicus*.
- Pea vine, rough**.....1030
- Pea weevil.** See *Bruchus*  
*pisorum*.
- Peaches**  
advertising.....4269,  
4278, 4281, 4309, 4314  
anatomy and physiology..  
1041  
costs and returns...4957  
culture.....1354, 1357  
diseases.....930  
fertilizers....1825, 1853  
Morocco.....1360  
packing.....3786  
pests.....3551  
propagation.....935  
resistance.....935  
situation and outlook...  
4282, 4286, 4292  
spraying and dusting....  
348, 374  
thinning.....1351, 1355  
varieties.....1353, 1373
- Peachtree borer.** See  
*Sannioidea exitiosa*.
- Peanut hay**  
nutritive value.....323
- Peanuts**  
culture.....1267  
industry.....4545  
nutritive value....4558  
seed.....27  
situation and outlook...  
4550  
statistics.....46  
yields.....32
- Pears**  
anatomy and physiology..  
1044, 1058  
culture.....1347  
diseases.....804
- Pears--Continued.**  
marketing.....4313, 4322  
varieties.....250, 1373
- Peas**  
canning.....4359  
culture...299, 1612, 1627,  
1635  
pests.....3434, 3513, 3525  
spraying and dusting....  
3432  
Feat.....948  
in soil improvement.2043  
soils.....228, 1775
- Pecans**  
culture.....172
- Pectinophora gossypiella**..  
71
- Peet-Grady method (in-**  
secticide evaluation)....  
3160
- Penicillin**.....2286, 2330  
therapeutic use....2303,  
2343, 2603
- Penicillium**.....692
- Penicillium glaucum**...1097
- Penicillium notatum**...1017
- Penstemon**.....1531
- Pentachlorophenol**....121,  
2146
- Pentatoma rufipes**....3520
- Pentzia incana**.....3605
- Peppermint**.....1715
- Peppers**.....1596, 1620  
culture.....1648  
diseases.....1003  
varieties.....1626
- Pepsin**.....2592
- Perennials.** See under  
Ornamental plants.
- Pérez Castellano, José**  
Manuel.....5292
- Periodical cicada.** See  
*Magicicada septendecim*.
- Periodicals**.....5082
- Perishable Agr. Commod.**  
Act, 1930.....4311
- Peritonitis**  
in cattle.....2500
- Pernganganate**  
fungicides.....881
- Peronea hastiana**....3588
- Personnel.** See Government,  
personnel.
- Pest control**.....3167, 3182  
See also Insects, as  
pests; Plants, pests;  
under U. S. Army; and  
names of pests.
- Pest control operators**....  
3179
- Petunia**.....1460
- pH.** See Hydrogen-ion con-  
centration; Soils, hy-  
drogen-ion concentration.
- Phacelia**.....747
- Phaenicia sericata**....3453
- Phalaenidae**  
Great Britain.....3604  
See also names of  
genera.
- Phalaris tuberosa.** See  
Canary grass, bulb.
- Phenanthroline**.....4059
- Phenol**.....3320, 3343, 3639
- Phenothiazine**  
therapeutic use....2481,  
2648, 3002, 3013, 3019,  
3066
- Pheosia tremula**.....3586
- Philadelphus coronarius**..  
1417
- Philotarsus sticticus** 3638
- Phlebotomus.** See  
*Flebotomus*.
- Phleotribus scarabaeoides**..  
3410
- Phloem necrosis**  
of elm.....916
- Phlox, varieties**....1486,  
1533
- Phoma lingam.** See Blackleg,  
of broccoli.
- Phosphatase**.....61, 2799
- Phosphates**  
East Africa.....2014  
effect on plants....926,  
1019, 1869  
fertilizers.....228, 363,  
2014  
See also Superphos-  
phates.
- Phosphorus**  
effect on plants....228,  
1879, 2020  
in animal nutrition.2277  
in plants.....1082  
in soils.....1753
- Photography**  
plants.....702, 1411
- Photoperiodism in plants**..  
1026, 1054, 1081
- Photosensitization**  
in livestock.....2327
- Photosynthesis.** See under  
Plants; and subheads  
physiology and anatomy  
and physiology under  
names of plants.
- Phragmidium mucronatum**....  
1008
- Phricus**.....3499
- Phyciodes**.....3575
- Phyllophaga anxia**....3401-2
- Phyllophaga barda**....3428
- Phylloxera vitifoliae** 1389
- Phylloxeridae**.....246  
See also names of  
genera.
- Physicians**.....5095
- Physostegia virginiana**....  
800
- Phytelphas.** See Ivory  
palm.
- Phytin**.....1750
- Phytomatotrichum omnivorum**  
873
- Phytomonas gypsophilae** 911
- Phytopathology.** See Injec-  
tions, for plants; Plants,  
diseases.
- Phytophaga destructor** 3471
- Phytophthora**  
on potato.....880
- Phytophthora infestans**..  
See Late blight, of  
potato.
- Phytophthora parasitica**..  
See Gummosis, of citrus.
- Picea.** See Spruce.
- Picea breweriana.** See  
Spruce, Brewer.
- Picea mariana.** See  
Spruce, black.
- Pickles**.....4378
- Picture frames**.....338
- Pie plant.** See Rhubarb.
- Pieridae**.....3609  
See also names of  
genera.
- Pieris rapae**  
control.....3600
- Pigeons**.....2825  
anatomy and physiology..  
2768
- Pigeons--Continued.**  
breeds and breeding.....  
2675, 2679  
Archangel.....2689  
Carneau.....2710  
Cropper, Norwich..2722  
Flight, American  
Domestic.....2707  
Jacobin.....2677  
King.....2717  
Roller.....2673, 2685  
Tippler, Flying....2674  
Tumbler, West of  
England.....2696, 2718  
Turbit.....2699  
purchasing.....2945  
war use.....2911, 2918
- Pigmentation**  
hair.....2413, 3037
- Pigments**  
plant.....970-1  
See also names of  
pigments.
- Pigs.** See Swine.
- Pine**  
diseases.....885  
management...2086, 2187-9  
Pine, eastern white....675  
Pine, ponderosa.....142  
Pine, Scotch.....142  
wood.....2142  
Pine, shortleaf.....6, 1117  
Pineapple mealybug. See  
*Pseudococcus brevipes*.
- Pineapples**.....118  
culture.....1314, 1321  
pest .....3501-2
- Pink bollworm.** See  
*Pectinophora gossypiella*.
- Pinole**.....4254
- Pinus echinata.** See Pine,  
shortleaf.
- Pinus ponderosa.** See  
Pine, ponderosa.
- Pinus strobus.** See Pine,  
eastern white.
- Pinus sylvestris.** See  
Pine, Scotch.
- Pits**  
for manure.....3836  
for poultry houses..3835
- Pitting**  
of soils....183, 198, 1883
- Pituitary extract**....2468,  
3003
- Placenta.** See Retained  
placenta.
- Plant lore**.....678, 701
- Planting equipment**....3706  
See also kinds of  
equipment.
- Plants**  
anomalies.....953  
biochemistry.....1028  
breeding.....684, 983,  
986-7, 1130, 5273  
collecting and collec-  
tions.....622, 700  
diseases.....79, 860  
Argentina.....5318  
Brazil.....817  
maps.....623  
Union of South Africa.  
893  
introduction.....617, 697  
names.....197  
nutrition.....1013, 1018,  
1078, 1867, 2020, 3501  
deficiencies.....636  
pests...79, 817, 3174, 3406  
photosynthesis.....313,  
1038, 1059



	Item		Item		Item		Item
Plants--Continued.		Policies and programs--		Pork.....	4140	Poultry.....	549,556,2932
physiology.....	703,1034,1049	Continued.		analysis and composition	4473,5257	accounting.....	4940
preservation.....	622	Great Britain.....	483,	preservation.....	399	anatomy and physiology..	2781,2795
propagation.....	1071,1294	491,498,506,3878,	4836	regulation and inspec-		anomalies.....	2774
quarantine and inspec-		Hungary.....	4840	tion.....	535	area of production....	544
tion.....	71,73,846	India.....	502,4861	situation and outlook...	4430	associations.....	4588
Kenya.....	72	international.....	4844	storage.....	4519	Brazil.....	4602
resistance.....	3513	Italy.....	496	Posts. <u>See</u> Fence posts.		breeds and breeding.....	
respiration.....	1080	Mexico.....	4823	Postwar planning		229,2681,2683,2686-7,	
tropical and subtropical		Ohio.....	4848	bibliographies.....	518	2694,2700,2704-5,2711,	
716		U. S. S. R.....	4857,	Idaho.....	236	2714,2819	
<u>See also</u> Botany; Ecology;		4866		<u>See also</u> Agriculture,		Araucana.....	2713
Flora; Genetics; Pat-		<u>See also</u> Government;		postwar; Food and Agri-		Bantam.....	2676,2680,
ents, plant; Poisonous		Postwar planning; Pro-		culture Organization of		2719,3821	
plants; Tissue cultures;		duction, goals; names		the United Nations;		Leghorn.....	2693
Tissues, plant; Vege-		of Government agencies;		Reconstruction; Relief		Brown.....	2690
tation; names of dis-		and subheads policies,		and rehabilitation;		Mille Fleur.....	2708
eases and causal or-		programs, and purchase		United Nations Relief		Minorca.....	2691-2
ganisms; and names and		and sale programs		and Rehabil. Admin.;		Polish	
classes of plants.		under specific sub-		and subhead post-		Gold Laced....	2712
Plasmodiophora brassicae.		jects.		war under specific		Dominique.....	2715
<u>See</u> Club root, of cab-		Poliomyelitis.....	3481	subjects.		Game class.....	2737
bage.		Pollen.....	1027	Potash.....	29	Leghorn	
Plasmodium gallinaceum....	3489	anatomy and physiology..	982	effect on plants.....	827	Red.....	2703
Plastics. <u>See</u> names of		as feed, for bees...3243		Potassium		Minorca	
plastics.		collecting....3245,3257,		effect on plants....1831		Black.....	2721
Platystolus martinezi.....	3615	3267,3296		in plants.....1091		Plymouth Rock	
Plesioformax.....	3409	substitutes....386,3210,		Potassium feldspar....1880		Barred.....	2684,2709
Flowing.....	203,1894	3226-7,3237-8,3244,		Potato flour.....	4342	Wyandotte	
Flows.....	530,3705	3268,3278		Potato tuber worm. <u>See</u>		Golden Laced....	2720
Plumbing.....	3851	<u>See also</u> Paleobotany,		Gnorimoschema operculella.		Canada.....	2848,2939,
Plums		pollen analysis.		Potatoes.....	9	4569-70,4574,4592,	
anatomy and physiology..	1067	Pollination.....	1729	anatomy and physiology..	952,1047,1074	4595,4613-14	
harvesting.....	1337	<u>See also</u> Apis mellifera,		as feed.....	2423	capons.....	2885
situation and outlook...	4286	as pollinators; and		breeding.....	1583	care..365,371,2845,2847,	
spraying and dusting.....	820	under names of plants.		Canada.....	4318,4326	2849,2853,2860,2866,	
Plywood		Polychrosis botrana....	841	culture.....	1582,1586,	2868,2872,2878,2880,	
grading and standardi-		Polyhedral diseases		1599,1609,1633,1640,		2919,2928,2933	
zation.....	2217	of insects.....	3587	1668		seasonal.....	2826,2869
manufacture.....	2212-13	Polyneuritis		diseases.....	837,876,880,	Colombia.....	2892,2898
physical properties..173		in dogs.....	2596	884,892,910,917-18,		cooperatives....	4607,4609
situation and outlook...	2216	Polyloidizing agents.		922-3		costs and returns..	4961
utilization.....	2214	<u>See</u> names of agents.		control....855,908,914		culling...2831,2850,2890	
<u>See also</u> Adhesives;		Polyploidy, in plants.952,		Eire.....	932	directories.....	565
Beams, laminated;		957,969,1282		Maine.....	248	diseases.....	562,2797
Veneers; Wood, lami-		Pomace flies. <u>See</u>		Washington (State).465		dressing.....	4604,4609
nated.		Drosophila.		drying.....	4367,4381	egg production.....	251,
Pneumoencephalitis		Pomegranates.....	1316	fertilizers.....	256,1822,	2915,2921,2934,2944,	4580
in poultry.....	2757	Ponds.....	640,1801	1862		effect of	
Poa pratensis. <u>See</u> Blue-		<u>See also</u> Fishponds,		grading and standardi-		breeding.....	2706
grass, Kentucky.		farm.		zation.....	4334	feeding....316,2727,	
Podabrus.....	3407-8	Fonies.....	2619	Great Britain.....	4251	2747-8,2752	
Podgrass, shore. <u>See</u>		Popillia japonica....	3392,	heredity.....	952	laying contests...357,	
Triglochin maritima.		3414		history.....	4261	2682	
Podzol soils.....	1795	control...73,3384,3393-4		injuries.....	821	seasonal.....	2904,3827
Poison-ivy.....	1104	Poplar, tana. <u>See</u>		irrigation.....	1903-4	equipment.....	369,3803
Poisoning. <u>See</u> Poisonous		Populus denhardtiorum.		marketing.....	270,4318,	nesting materials....	
plants; and names of		Poppy.....	1473	4320-1,4326		3809-10	
poisonous substances and		Population		packing.....	4337	farms and ranches..	493,
animals affected.		Canada		pests.....	3159,3559	2836,2871,2896,2930-1	
Poisonous plants		bibliographies....	5279	planting.....	222	diversified.....	2886
to livestock...283,1690,		Ontario; maps....	490	prices.....	270	feathering.....	2879
2329,2485,2501,3061		Germany.....	502	resistance.....	964,1605	feeding and nutrition...	
<u>See also</u> Photosensiti-		Italy.....	510	seed.....	917,1593,1609,	2725,2729,2732,2737,	
zation; and names of		migration.....	486	1624,1666,4253,4330		2741-2,2744,2746,	
poisonous plants.		Brazil.....	5017	situation and outlook...		2749-51,2755,3048,4142	
Pokeberry.....	1292	Colombia.....	5018	4287,4294		deficiencies.....	2753
Poles.....	2160	Europe.....	658	spraying and dusting....		pasture and range.370,	
Policies and programs..110,		Netherlands.....	5021	415,842,847,849,855		2724,2730,2745	
499		Minnesota.....	5020	equipment.....	3695	use of substitutes....	
Alabama.....	5317	New Hampshire.....	105	Sweden.....	1638,4330	2731	
Argentina.....	4849	Pennsylvania.....	137	varieties..923,1605,1621		fertility.....	2701
Canada.....	4805	Portugal.....	4702	yields.....	222,363,1607	grading and standardi-	
Ontario.....	4850	statistics.....	104	Potentilla fruticosa..1469		zation.....	4562
Colombia.....	4814,4841	Virginia.....	5019	Potentiometers.....	705	Great Britain.2716,2732,	
Ecuador.....	4853	<u>See also</u> Land, settle-		Potted plants. <u>See</u> House		2833,2843,2898,2929,	
France.....	4992	ment and colonization;		plants.		4581	
Germany.....	502,508	Social groups; and		Pottia truncata.....	791	growth.....	2677
		under Census.				hatcheries... 2783,2867,	
		Populus denhardtiorum..766				2903,2923,4578,4582,	
						4587	



**Poultry--Continued.**  
 hatching.....2829, 2840, 2859,  
 2920, 2925, 2933  
 heredity.....2695, 2713  
 home raising.....2858  
 housing.....3800-1, 3804,  
 3807-8, 3814, 3817,  
 3821, 3827  
 designs and specifica-  
 tions.....3811  
 portable.....3811  
 prefabricated.....3824  
 hybrids.....2688  
 identification.....2864  
 injuries  
 foreign objects...2779  
 judging.....2830  
 legislation.....2843  
 litter.....2941  
 marketing.....166, 4562,  
 4571, 4591  
 meat production.....229,  
 2828, 2870, 2882, 2895,  
 2938  
 molting.....460  
 mortality.....2695, 2823  
 Newfoundland.....4618  
 Palestine.....2734, 2837, 2937  
 parasites.....562, 2775, 3157  
 Portugal.....4575  
 quality.....4600  
 records and testing.....  
 2852, 2907, 2916  
 regulation and inspec-  
 tion.....168  
 sanitation.....2876  
 sexing.....2889  
 autosexing.....2684, 2686,  
 2716  
 shows and sales.....2891  
 situation and outlook...  
 367, 4563, 4584-5,  
 4596, 4615  
 study and teaching...5099  
 systems.....2910  
 battery.....2841, 2851,  
 2906, 2926  
 colony and range.....2846,  
 2897, 2912, 2942  
 Uruguay.....2681  
 vices.....2884  
See also Brooders; Cas-  
 tration; Chicks; Cocks;  
 Eggs; Feed; Future  
 Farmers of Amer., poul-  
 try; Pits, for poultry  
 houses; Poultry meat;  
 Poultry products; Sex,  
 poultry; Temperature,  
 effect on poultry; and  
 names of feeds, and of  
 anatomical parts, poul-  
 try diseases, para-  
 sites, and products.  
 Poultry and Egg Natl.  
 Bd.....4564, 4588  
 Poultry Assoc. of Gt.  
 Brit.....2751  
 Poultry industry.....551,  
 2861, 2943, 4583,  
 4593, 4619  
 Union of South Africa...  
 2936  
 Poultry meat.....4599, 4610  
 canned, regulation and  
 inspection.....4493  
 situation and outlook...  
 168  
See also subheads dress-  
 ing and meat production  
 under Poultry.  
 Poultry Producers of  
 Cent. Calif.....4940

**Poultry products**  
 transportation.....538  
**Fouls**  
 care.....2881  
 diseases and parasites...  
 2813  
**Fowders (insecticides).**  
See Dusts and dusting.  
**Fowdery mildew.....893**  
 of grape.....841, 875, 877, 881  
**Power.....3772**  
 India.....3784  
See also Electricity;  
 Equipment, power; Water  
 power.  
**Pox. See Fowl pox.**  
**Prairie vegetation. See**  
 Vegetation, prairie.  
**Prays citri.....3597**  
**Precipitation.....2231**  
 effect on insects...3544  
See also Snow; Water,  
 rain.  
**Predators. See Wildlife,**  
 as predators; and names  
 of predators.  
**Prefabrication. See**  
 Buildings, prefabricated;  
 Poultry, housing, pre-  
 fabricated.  
**Pregnancy. See under names**  
 of animals.  
**Preservation of food.....448,**  
 546  
 effect on nutritive  
 value.....317  
 equipment.....207  
See also Canning and  
 preserving; Dehydra-  
 tion; Freezing of food;  
 Pickles; and under  
 names of foods.  
**Preserves. See Canning and**  
 preserving; Jellies and  
 jams; and subhead canned  
 under names of fruits.  
**Prices.....115, 3923**  
 control.....3914-16  
 China.....4742  
 Great Britain.....3921  
 Hungary.....3920  
 guaranteed.....3913  
 Hungary.....3917, 3962  
 Mexico.....3927  
 Minnesota.....3925  
 postwar.....3919  
 support....486, 533, 3915,  
 3922, 3926  
 Tennessee.....302  
 Turkey.....4718  
 Union of South Africa...  
 3918  
See also Cost and stand-  
 ard of living; Infla-  
 tion; Subsidies; and  
 under names of com-  
 modities.  
**Pricklypear.....1228**  
**Primrose.....688, 1090, 1405**  
 culture.....1501  
See also Primula.  
**Primrose, Japanese....1456**  
**Primula.....774**  
See also Primrose.  
**Prisoners of war, labor...  
 150, 4794, 4799, 4801**  
**Processing. See names of**  
 processes; under names  
 of products; and sub-  
 heads processing and  
 utilization, industrial  
 under Agricultural prod-  
 ucts.

**Production**  
 goals.....284, 327, 353  
 New Zealand.....4808  
See also Agricultural  
 products; Policies and  
 programs; Statistics;  
 names of related sub-  
 jects; and under names  
 of products.  
**Productive capacity. See**  
 Agriculture, productive  
 capacity.  
**Propagation, plant. See**  
 under Plants and names  
 of plants.  
**Prosopis. See Mesquite.**  
**Proteins**  
 chemistry.....1099, 4558  
 in animal nutrition....  
 2266, 2422, 3059  
 in blood plasma.....2324  
 in feed.....290  
 in human nutrition...5232,  
 5242, 5244, 5248  
 in plants.....915, 1099  
 in poultry nutrition...  
 2726, 2728  
 sources.....234  
 animal.....2255, 3047  
See also names of pro-  
 teins.  
**Protoparce.....3598**  
**Protoplasm.....961**  
**Protozoa.....552, 564**  
 Flumes. See Flums.  
**Pruning**  
 equipment.....3690  
See also under names of  
 plants.  
**Psammoma, in horses...2645**  
**Pseudococcus brevipes....  
 3501-2**  
**Pseudomethoca olgae...3543**  
**Pseudomonas mors-prunorum  
 on cherry.....909**  
**Pseudophyllinae.....3620**  
**Psoralea corylifolia. See**  
 Scurf pea, Malaytea.  
**Psoroptes.....3366**  
**Psychidae.....3590**  
See also names of  
 genera.  
**Psychodidae**  
 Central America.....3472  
 South America.....3472  
See also names of  
 genera.  
**Psylla.....821**  
**Pteridophyta**  
 Australia.....784, 787  
 Illinois.....720  
See also names of  
 families and genera.  
**Pterostylis crypta n. sp..  
 762**  
**Publications. See Bibliog-**  
 raphies; and subhead  
 publications under names  
 of authors and issuing  
 agencies.  
**Puccinia coronata. See**  
 Crown rust, of oats.  
**Puccinia graminis tritici.  
 882, 972**  
See also Stem rust, of  
 wheat.  
**Puccinia rubigo-vera**  
 tritici.....899  
**Puccinia sorghi.....898**  
**Pullet disease.....2811**  
**Pullorum disease.....2759,**  
 2798, 2806, 2809, 2822

**Pullorum disease--Con-**  
 tinued.  
 control....2764, 2789-90,  
 2805, 2810, 2816, 2818,  
 2824  
 in turkeys.....2760, 2813  
 resistance.....2808  
 tests.....2760  
 transmission.....2810  
See also Salmonella  
 pullorum.  
**Pulp and paper**  
 Argentina.....4680  
 byproducts.....2195, 2200  
 Canada.....2198-9, 2201  
 India.....2196  
 industry.....4681  
 manufacture....2194, 4680  
 physical properties.....2206  
 postwar.....2202-4  
 situation and outlook...  
 2208  
 statistics.....2207  
 Sweden.....2197  
 trade.....2198  
 Pulpwood.....2093  
 Pumpkins, culture....1603  
 Pumps.....3691  
See also Irrigation,  
 pump.  
 Pumpwood, ambay.....1721  
 Puncture vine.....408  
**Purchasing. See under**  
 names of commodities.  
 Furdiaea.....756  
 Pure Milk Prod. Co....4124  
 Pyometra, in dogs....2594  
 Pyrausta nubilalis.....65  
 control.....3578, 3611  
 parasites and predators  
 of.....66  
**Pyrethrum**  
 analysis and composition  
 3147  
 insecticides.....69  
**Pyridoxine**  
 in poultry nutrition....  
 2739  
See also Vitamin B.  
**Quarantine and inspection.**  
See Plants, quarantine  
 and inspection and sub-  
 head regulation and in-  
 spection under other  
 subjects.  
 Quebec Pomol. and Fruit  
 Growing Soc.....4266  
 Quebracho extract...2209-10  
 Quercus durandii.....764  
 Quercus laurifolia. See  
 Oak, laurel.  
 Quercus suber. See Oak,  
 cork.  
 Quinine.....1711  
 Quinoa.....4408  
 Quinone.....1017  
 Rabbit meat.....4427  
 Rabbits.....556, 575  
 accounting.....4945  
 as pests.....826  
 breeds and breeding....  
 2951-2, 2956-8, 2965  
 American Checkered  
 Giant.....2947  
 Angora.....559, 2949,  
 2960-1, 2966-7  
 Champagne D'Argent...  
 2953  
 Chinchilla.....2948  
 Flemish Giant....2946,  
 2954



- Rabbits--Continued.**  
breeds and breeding--continued.  
New Zealand...2959, 2964  
Rex.....2962-3  
Chinchilla.....2950  
care.....2980, 2983-4  
cooperatives.....4488  
costs and returns...4945  
diseases.....562, 2974  
feeding and nutrition...2968-71  
heredity.....2955  
home raising....454, 2985  
housing.....3798  
identification.....2976  
industry....2978-9, 2981, 4426, 4428, 4469  
judging.....2982  
parasites.....562  
study and teaching...2977  
wild.....5277  
See also Wool, Angora rabbit.  
Rabies  
immunization.....2318  
in cattle  
immunization.....2499  
in man.....2288, 2291  
Portugal.....2318  
transmission.....560  
Radio  
in agriculture...3656, 3658  
programs.....84  
Radishes.....1062, 1589  
Railroads. See Freight  
rates; Refrigerator cars.  
Railway ties.....142, 2139, 2162-4  
Rainfall. See Precipitation.  
Ramie.....1179, 4191, 4227  
Rammed earth. See Buildings, rammed-earth.  
Rams.....2988, 4490  
Ranching. See Livestock.  
Ranges.....236, 309  
Canada.....2426  
management.....1219, 2265  
planting.....1189, 1239  
Utah.....1197  
vegetation...197, 286, 940, 1197, 2421  
See also subhead feeding and nutrition, pasture and range under names of animals.  
Ranunculus.....1436  
Rape.....1084-5  
Raspberries.....1387  
culture.....337  
pests.....312  
Raspberry fruitworm. See Byturus.  
Rationing....533, 3914, 3916  
China.....4742  
Great Britain.....3921  
See also Black markets; Food, rationing; and under names of commodities.  
Ravenia.....757  
Raw materials  
Europe.....632  
Hungary.....3865  
India.....3864  
trade.....497  
Rayon.....4156, 4229  
industry.....3708, 4162, 4171-2  
Recipes. See Cookery, recipes.  
Reciprocal trade agreements. See Trade, agreements and treaties.  
Reclamation.....20  
agreements.....644  
Missouri.....22  
Missouri River Valley...643  
See also Drainage; Irrigation; Marshes.  
Reclamation Soldier Settlement Act of 1945...181  
Reconstruction  
Great Britain.....4714  
U. S. S. R.....5035  
See also Postwar planning; Relief and rehabilitation.  
Recreation....236, 477, 505, 643, 5109  
See also 4-H Clubs, recreation.  
Red leaf blight  
of cotton.....1057  
Red mite, of chickens. See Dermanyssus gallinae.  
Red oil.....215  
Red quebracho. See Quebracho extract.  
Red ring disease  
of coconut.....931  
Red spiders. See Paratetranychus.  
Redwood  
bark.....2165  
wood.....2138  
Reforestation....142, 1955  
Australia.....194  
Canada.....1108, 1118  
Great Britain.....1123  
Italy.....606-7  
New York (State)...1111  
Ohio.....1123  
Oregon.....1121  
Southern Appalachians...1120  
Spain.....1124  
Sweden.....1122  
Refrigeration.....3949  
on the farm....336, 3718  
See also Freezing of food; Locker plants; Refrigerators; Storage, cold; Transportation, refrigeration; and under names of products.  
Refrigerator cars....3720  
Refrigerators, iceless...3737  
Regions and regionalism...5033, 5039-40  
Nigeria.....5034  
Registration, of animals.  
See subhead records and testing under names of animals.  
Rehabilitation. See Relief and rehabilitation.  
Rehmiellopsis balsameae n. sp.....903  
Reichsnährstand.....502  
Relief and rehabilitation  
Bolivia.....5032  
Europe.....4713  
farmers.....114-15  
Greece.....18  
See also Food, for relief; Reconstruction; United Nations Relief and Rehabil. Admin.; Veterans.  
Religion, in rural life.  
See Churches.  
Remijia.....1711  
Rennet.....4133, 4452, 4518  
Rent  
New York (State)....488  
See also Leases.  
Repellents  
for bees.....3229  
for insects....3229, 3639  
Resazurin, milk test..4068  
Research.....48, 5282  
as an occupation....661  
Azerbaijan.....5308  
Brazil.....4828  
El Salvador.....5310  
Morocco.....5311  
Sweden.....5312  
U. S. S. R.....5313-14  
See also subjects of research and names of agencies.  
Reservoirs.....202, 3435, 3490, 3492  
Resettlement. See Land, settlement and colonization.  
Resins. See Adhesives, resin; Gums and resins.  
Resources. See Natural resources.  
Respiration. See under Plants; and names of animals.  
Retained placenta....2517  
Rheum emodi. See Rhubarb, Himalayan.  
Rhizoctonia. See Little potato disease.  
Rhizopertha dominica...3123, 3389-90  
Rhizophagus.....886  
Rhodophyceae.....795  
Rhopalocera. See Butterflies.  
Rhubarb.....1615  
Rhubarb, Himalayan...1103  
Rhynchophorus palmarum...3424  
Riboflavin  
in foods.....264  
See also Ariboflavinosis; Vitamin B.  
Rice.....4390  
anatomy and physiology..1065  
Caribbean area....4422  
Colombia.....1143  
culture.....1868  
diseases.....992  
drying.....3743  
equipment.....3736, 3743  
harvesting.....3736  
pests.....3565  
seed.....1160  
situation and outlook...4397, 4403  
varieties.....1156, 1165  
Venezuela.....4418  
Rice husks.....2416  
Rice weevil. See Sitophilus oryza.  
Ricegrass.....874  
Rickettsial diseases  
in cattle.....3015  
in sheep.....3015  
in swine.....3015  
See also names of diseases.  
Ring rot, of potato. See Bacterial ring rot, of potato.  
Rio de Janeiro. Museu Nacional.....734  
Roads, forest.....2230  
Roadside planting....1970  
See also Trees, street and roadside.  
Robinia. See Locust.  
Rochester Dairy Co.-op....4082  
Rock gardens....1408, 1410, 1429, 1524, 1532, 1563  
Rocky Mountain spotted fever.....226  
transmission.....3373  
Rodents. See names of rodents.  
Romneya coulteri.....742  
Roosevelt, Franklin  
Delano.....5285  
Root crops.....1218  
Sweden.....1225  
utilization.....4303  
See also names of crops.  
Root knot  
of peach.....935  
of tobacco.....934  
See also Nematodes.  
Roots.....1006  
anatomy and physiology..1005  
Rosaceae.....777  
Rose.....1476, 1518  
breeding.....1571  
culture....1398-9, 1491, 1495, 1500, 1504, 1521, 1523  
diseases.....312, 815, 871  
fertilizers.....312, 1831  
pests.....3150  
varieties....1465, 1471, 1480, 1494, 1542, 1555  
Rose, climbing.....1443  
Rose, polyantha..1434, 1474  
Rosemary.....1717  
Rosin.....34, 2190  
Rot. See Black rot; Stem-end rot.  
Rotation of crops....1137, 1816, 1868  
See also Field crops, rotation with pasture.  
Rotenone  
insecticides.....74-7  
Rothamsted Expt. Sta..5315  
Rotproofing.....4175, 4214  
Rubber.....3764  
Argentina.....4624  
Brazil.....4628  
costs and returns...4626  
Far East.....4625  
in plants.....1068, 1088  
industry.....4627  
plant sources.....1698, 4623-4  
plantations.....4627  
processing.....4620  
synthetic...4621-2, 4629  
utilization.....4626  
Rubber plants.....1073  
Costa Rica.....1716  
See also names of plants.  
Rubiaceae.....776  
Rue.....1720  
Ruminants  
feeding and nutrition...2281  
See also names of ruminants.  
Runoff.....1927, 1939, 1949  
Rural life.....487, 5025  
Canada.....5029  
Costa Rica.....5024  
Germany.....662  
Great Britain....492, 506  
Mississippi.....504



- Rural schools. See Schools.
- Russeting, of apple....861
- Rust (plant).....893  
See also Blister rust;  
 Crown rust; Stem rust;  
 and names of causal  
 organisms.
- Rutabagas.....5229  
 diseases.....912
- Ryanex.....3124
- Rye  
 diseases.....883  
 varieties.....292-3
- Ryegrass.....293-4  
 diseases.....1220
- Sabadilla  
 insecticides.....69
- Sacbrood.....3212
- Saccharomyces cerevisiae..  
 1077
- Sacheria.....796
- Safety....145, 3645, 3647-8,  
 3651, 3657  
See also 4-H Clubs,  
 health and safety.
- Safflower.....263
- Sage.....1737, 1838
- Saissetia oleae  
 control.....3523  
 parasites and predators  
 of.....3534
- Salisbury (Rhodesia).  
 Plant Breeding Sta....1166
- Salix. See Willow.
- Salix aurita. See Willow,  
 round-ear.
- Salmonella.....2331
- Salmonella champaign  
 in poultry.....2772
- Salmonella enteritidis....  
 4499
- in cattle.....2456
- Salmonella pomona  
 in poultry.....2772
- Salmonella pullorum..2761,  
 2787  
See also Pullorum dis-  
 ease.
- Salmonellosis, in turkeys  
 control.....2786
- Saltgrass, seashore. See  
 Distichlis spicata.
- Salting. See subhead  
 preservation under names  
 of products.
- Sampling. See Statistics,  
 methods, sampling; and  
 under specific sub-  
 jects.
- San Gabriel Valley  
 Labor Assoc.....4790
- Sand dunes. See Dunes.
- Sand flies. See Culicoides;  
 Flebotomus.
- Sanitation. See under  
 specific subjects.
- Sanninoidea exitiosa  
 control.....422, 3551
- Sapodilla.....1333
- Sarcoma, in dogs.....2591
- Saskatchewan. Univ. Farm  
 Week.....5060
- Sathrophyllia rugosa..3621
- Saturniidae  
 Chile.....3606  
See also names of  
 genera.
- Saussure, Théodore de..5283
- Savory.....1838
- Saw-toothed grain beetle.  
See Oryzaephilus suri-  
 namensis.
- Sawdust.....2218  
 utilization.....2169
- Sawflies. See Tenthredi-  
 noidea.
- Sawmills.....2131, 2133  
 portable.....2134
- Sawyer beetle. See  
 Monochamus.
- Saxifraga burseriana..1429
- Say stinkbug. See Chloro-  
 chroa sayi.
- Scab  
 of apple...813, 866-7, 894  
 of barley.....85  
See also names of causal  
 organisms.
- Scald, of apple.....1052
- Scale insects. See  
 Coccidae.
- Scaptomyza graminum...3478
- Schizocodon.....781
- Schoenobius incertellus.  
See S. incertulas.
- Schoenobius incertulas....  
 3565
- Schools....102, 5044, 5081,  
 5085  
See also Lunches,  
 school.
- Schuster, Miguel.....1573
- Sciara.....3465
- Scirtothrips citri..3634-5
- Sclerotinia sclerotiorum  
 on vegetables.....230
- Scurf pea, Malaytea...959
- Scythes.....3687
- Sechium edule. See  
 Chayote.
- Sedimentation.....1955
- Amazon River Basin..1781
- Sedum palmeri.....1448
- Seed drills. See Drills.
- Seedlings.....1119  
 diseases.....858
- Seeds  
 anatomy and physiology..  
 1056  
 and plant disease...850,  
 870, 990  
 biochemistry.....1094
- Canada.....4632, 4634
- equipment.....3722
- germination....994, 1001,  
 1004, 1009, 1023,  
 1030, 1048, 1747
- industry.....4633
- legislation.....4639
- planting.....1296
- quality.....685
- regulation and inspec-  
 tion.....253, 4630-1
- Sweden.....4635
- treatment.....833, 836
- vernalization..990, 1032,  
 1065  
See also Embryos, plant;  
 and under names of  
 plants.
- Semen. See Spermatozoa.
- Sequoia sempervirens. See  
 Redwood.
- Sericulture  
 Costa Rica.....3626
- history.....3624
- Italy.....582
- See also Bombyx mori.
- Sesame. See Sesamum.
- Sesamum.....949
- Setaria italica. See  
 Millet, foxtail.
- Seventeen year locust. See  
 Magicicada septendecim.
- Seward Forest, Va.....719
- Sewing.....19, 389-93, 397,  
 410, 447  
See also 4-H Clubs,  
 sewing; Patterns (sew-  
 ing).
- Sewing cabinets.....464
- Sewing machines.....388
- Sex  
 insects.....3255
- poultry.....2782, 2800
- See also Hermaphrodit-  
 ism; Poultry, sexing.
- Share farming  
 France.....489
- Shawnee State Forest,  
 Ohio.....1116
- Sheds.....3816
- Sheep.....3032  
 Australia.....2986  
 breeds and breeding.....  
 2986, 2994  
 care.....3027  
 costs and returns...4954  
 dipping.....3368, 3453  
 diseases.....3012  
 equipment.....3822  
 estrus.....3007  
 feeding and nutrition...  
 3012  
 pasture and range..2998  
 heredity.....2992  
 housing.....3816  
 industry.....306, 4429  
 Italy.....571  
 parasites.....3011, 3477  
 poisoning.....3004  
 programs.....3026  
 shearing.....3028-9  
 situation and outlook...  
 4458
- Switzerland.....3025
- U. S. S. R.....3024
- Uruguay.....3893, 4436
- wool production, effect  
 of breeding.....2990
- See also Artificial in-  
 semination; Furs,  
 Karakul sheep; Intuba-  
 tion; Lamb (meat);  
 Lambs; Rams; Veteri-  
 nary medicine; Wool;  
 and names of anatomical  
 parts, diseases, para-  
 sites, and products.
- Sheep botfly. See Oestrus  
 ovis.
- Sheep bush, Australian.  
See Pentzia incana.
- Shelterbelts. See Wind-  
 breaks.
- Sherbets.....4043
- Shipunov State Farm,  
 U. S. S. R.....5314
- Shock, in livestock...2322
- Shoe-polishing cabinets...  
 463
- Shops, farm.....3678, 3689
- Shortia.....781
- Shrubs.....1418, 1503  
 as feed.....1253  
 culture.....185, 1444  
 in soil conservation..191  
 ornamental....1431, 1487  
See also names of  
 shrubs.
- Silage  
 grass.....252, 2269, 2279  
 grass and legume....2249  
 hay.....276  
 nutritive value....2996  
 preparation.....370, 569,  
 2280, 2440  
 sugar-beet.....2268
- Silica gel.....3910
- Silk.....4236  
See also Sericulture;  
 Spiders, silk.
- Silkworms. See Bombyx  
 mori.
- Silos.....3834, 3838, 4389  
 construction.....3833  
 trench.....3830
- Silviculture....1106, 1114  
 sample plots...1112, 1127  
See also names of trees.
- Sinningia speciosa....1526
- Siphonaptera. See Fleas;  
 and names of families  
 and genera.
- Sirups. See under names  
 of commodities.
- Sisal  
 Mexico.....4154  
See also Agave.
- Sitona cylindricollis..3419
- Sitophilus oryza  
 anatomy and physiology..  
 3390  
 genetics.....3413
- Sitotroga cerealella..3123
- "666." See 1, 2, 3, 4, 5, 6  
 Hexachlorocyclohexane.
- Size (for fabrics)....4690
- Skin, diseases  
 in man.....5196
- Skins. See Hides and  
 skins.
- Slaughtering.....2348  
 waste.....4517  
See also under names of  
 animals.
- Slidefilms. See Films.
- Smoke injury  
 to plants.....845
- Smut  
 of feathergrass.....874  
 of needlegrass.....874  
 of oats. See Ustilago  
 avenae.  
 of ricegrass.....874  
 of sugarcane.....879  
See also names of  
 smuts and causal or-  
 ganisms.
- Snapdragon.....1477
- Snow, surveys.....202
- Soap.....4551
- Social conditions  
 India.....4711  
 Netherlands East Indies  
 bibliographies.....671
- West Indies.....4717  
See also Cost and stand-  
 ard of living; Health;  
 Rural life.
- Social groups  
 Canada.....5023
- Social security..5058, 5111
- Cuba.....5324  
See also U. S. Federal  
 Security Agency.
- Social welfare  
 Uruguay.....5062  
See also Health.



- Société Co-operative Agricole de Grains et Moulées de Coaticook.** 4396  
**Sociology**.....5026-8  
 study and teaching..5057  
**Sod.** See Turf.  
**Sodium**.....2029  
**Sodium hydroxide**....4241-2  
**Sodium nitrate**  
 fertilizers.....2024  
**Sodium selenate**.....3124  
**Soil and Moisture Conserv. Program** (Dept. of Interior).....667  
**Soil conservation**....110,  
 189,199,212,667,1799,  
 1952,1960,1969,1977,  
 1982-3,1987,1992,2095  
**Australia**.....1972  
**Canada**.....1963,1993  
 conferences and con-  
 gresses.....1978  
**districts**.....194,1958,  
 1961,1975  
**equipment**.....1967,3721  
**India**.....1967  
**Southern States**....1954-6  
 study and teaching..196,  
 201  
**Union of South Africa**...  
 1953,1968  
**U. S. S. R.**.....1978  
**Soil erosion**.....20,1979,  
 1981,1988,1991,1996  
**Australia**.....1994,1998  
**South Australia**..1973,  
 1990  
**Victoria**.....1999  
**Western Australia**..1997  
**California**.....1957  
**China**.....1980  
**control**..1951,1966,1971  
 by planting.....1970,  
 1974,1994  
**Missouri**.....22  
**New Zealand**.....1986  
**Southern States**....1955  
**Soil science**.....1797  
**Soilless culture**.....1072  
**Soils**.....1796  
 acid.....1453,1890  
 aeration.....1763  
 alkaline.....1749  
**Amazon River Basin**..1781  
**analysis**....1741,1754-5,  
 1760,1762,1792  
**Asia Minor**.....1787  
**Australia**  
 Western Australia..1751  
 base exchange.....1752,  
 1758,1761,1764  
 classification.....1794  
 colloids.....1756  
 conferences and con-  
 gresses.....1835  
 deterioration..1991,1996  
 effect  
 on health....1843,1859  
 on plants....834,995,  
 1748,1813,1843,1859,  
 1867  
 on seeds.....1747  
 electrical properties...  
 1761  
**Europe**.....1788  
**fauna**.....3099  
**fertility**....1746,1802,  
 1811-13,1835,1840,  
 1846,1851,1864,1866,  
 1871,1873,1875  
**Florida**.....228
- Item**
- Soils--Continued.**  
 formation...1777-8,1783,  
 1786-7,1795,1798,1812  
**Germany**.....1760  
 hydrogen-ion concentra-  
 tion.....1758-9,1763  
**Iran**.....1784  
 irrigated.....1740  
 management.....1802-5,  
 1807,1809-10,1823,  
 1828,1834,1836,1849,  
 1860,1886,1907,1954,  
 1960,1984  
 maps.....1797  
 Africa.....1791  
**microbiology**....1768-9,  
 1772,1782  
 moisture....183,199-200,  
 202,1748,1883,1894  
 effect on plants..1499  
**Nebraska**.....1790  
**New Zealand**....1765,1780  
 nutrition relationships.  
 4405  
**Ohio**.....1849  
 organic matter.....722,  
 414,1858,1863,1878  
**Palestine**.....1789  
 permeability..1742,1808,  
 1940  
 physics.....1743-4,1746  
 saline....1919,1941,1946  
 sampling.....1793  
 sanitation.....2000  
 solutions.....1761  
 structure.....1748,1769  
 tests.....1757  
**Texas**.....1859  
**Union of South Africa**...  
 4933  
**Uruguay**.....1792  
See also Bacteria, in  
 soils; Conservation  
 farming; Contour farm-  
 ing; Cover crops;  
 Drainage; Fertilizers;  
 Humus; Irrigation;  
 Minerals; Reclamation;  
 Runoff; Sedimentation;  
 Soil conservation; Soil  
 erosion; Terracing;  
 Tillage; U. S. Dept. of  
 Agr., Soil Conserv.  
 Serv.; Wind, erosion;  
 Windbreaks; and under  
 names of plants, soil  
 constituents, and kinds  
 of soil.
- Solanum**.....952  
**Solanum elaeagnifolium.**  
See Nightshade, silver-  
 leaf.  
**Solenopsis molesta**....3536  
**Solidago**.....744  
**Solubea poecila** (Dallas)..  
 3517  
**Solubea postposita**  
 Bergroth. See S. poecila  
 (Dallas).  
**Sophora, Texas**.....1468  
**Sophora affinis.** See  
 Sophora, Texas.  
**Sorcostia**.....3603  
**Sorghum**  
 as feed.....2450  
 culture.....1145  
 equipment.....3735  
 forage plant...1233,1238  
 harvesting.....3735  
 varieties.....1140,1157  
**Sorghum vulgare.** See  
 Broomcorn.
- Item**
- Soup**.....598  
**South African Cane Grow-  
 ers' Assoc.**.....4665  
**Southern Oregon Sales,  
 Inc.**.....4313  
**Southern star.** See  
 Oxypetalum caeruleum.  
**Southern States Coop.**..5147  
**Southwestern corn borer.**  
See Diatraea grandiosella.  
**Sowing.** See Seeds, plant-  
 ing.  
**Soybean meal**.....288  
**Soybeans**.....4542  
 analysis and composition  
 4558  
 biochemistry.....4531  
 culture.....628,1262-3  
**Egypt**.....1260  
 forage plant.....1265  
 germination.....1046  
 heredity.....974  
 utilization....628,4541  
 varieties.....1261  
**Sparrows**.....823  
**Spathoptila n. g.**.....3603  
**Spaying.** See Castration.  
**Spergon**.....2598  
**Spermatozoa**.....2407  
**Sphacelia**.....803  
**Sphaceloma**.....868  
**Sphagnum**.....1296  
**Spices**.....3985  
**Spiders**  
 silk.....3375  
See also names of  
 families and genera.  
**Spinning.** See under  
 Cotton.  
**Splints, in horses**....2653  
**Sprays and spraying**...3154  
 calendars and programs..  
 275,374  
 defoliating.....1173-4  
 equipment.....3180  
 formulas.....3141  
 oil.....1058,1075  
 technique and equipment.  
 3653,3664,3669,3675,  
 3682,3694-5,3700-1  
See also Fungicides;  
 Growth substances for  
 plants; Insecticides;  
 and subhead spraying  
 and dusting under  
 names of plants.  
**Spring cankerworm.** See  
 Paleacrita vernata.  
**Springtails.** See  
 Collembola.  
**Spruce**.....1070,1120  
 wood.....2111  
**Spruce, black**.....142  
**Spruce, Brewer**.....2080  
**Spruce, weeping.** See  
 Spruce, Brewer.  
**Squash**.....1625  
 culture.....1603  
**Stain technology**...650,683  
See also names of  
 stains.  
**Stallions**.....237,4503  
**Standard of living.** See  
 Cost and standard of  
 living.  
**Staphylococcus aureus**..4499  
**Star tulip.** See Calochor-  
 tus uniflorus.  
**Starches**  
 analysis and composition  
 4684  
See also kinds of  
 starches.
- Item**
- State farms**  
 U. S. S. R., maps....654  
**State forests.** See For-  
 ests, State.  
**Station de Recherches**  
 Viticoles Moët et  
 Chandon d'Eprenay.....841  
**Statistics**.....42,5316  
 Colombia.....3964-5  
 French West Africa..3963  
 methods.....663,1741  
 sampling.....4382  
**Union of South Africa**...  
 4706  
**Uruguay**.....3961  
See also under specific  
 subjects.  
**Steam**.....3748  
**Steers.** See Cattle, beef.  
**Stem-end rot**  
 of lemon.....307  
**Stem rust, of wheat**....869  
See also Puccinia  
 graminis tritici.  
**Stenoneura n. g.**.....3473  
**Stephanoderes hampei**..3387,  
 3430  
**Sterility, in animals.** See  
 subhead fertility under  
 names of animals.  
**Sterrha aversata amoena.**  
 3566  
**Stiff lambs**.....3021  
**Stipa.** See Feathergrass;  
 Needlegrass.  
**Stipa leucotricha.** See  
 Needlegrass, Texas.  
**Stock.** See Mathiola.  
**Stoppers, rubber**.....51  
**Storage**.....17  
 cold.....3949  
 home....341,471,473,3796  
See also Locker plants;  
 Stored products; and  
 under specific prod-  
 ucts.  
**Stored products**  
 fumigation.....3132  
 pests.....3377  
**Stoves, kerosene**.....247  
**Strangles**.....2638,2646  
**Strategic materials**...5185  
**Stratiomyidae**.....3458  
See also names of  
 genera.  
**Straw**.....1891-2,4400  
 as fertilizer.....2036  
 bibliographies.....545  
See also kinds of straw.  
**Strawberries**  
 cooperatives.....4329  
 culture.....356,1384  
 diseases.....915,919  
 varieties..262,1377,1379  
**Streptococcus**.....4499  
**Streptococcus agalactiae**  
 in cattle.....2487  
See also Mastitis.  
**Striga lutea**.....1004  
**Stripe, of barley**....990  
**Structures.** See Buildings.  
**Sturmia**.....3451  
**Submarginal land.** See  
 Land, submarginal.  
**Subsidies**.....4888  
 Canada.....4890  
See also Cotton, export  
 subsidies; and under  
 specific subjects.  
**Succulents**.....1534  
**Sucrose**.....4643  
**Sudan grass**.....379,976,  
 1205,1236,2441



- Sugar**.....4651, 4656  
 Argentina.....4642  
 as feed, for bees...3209,  
 3211, 3252, 3269,  
 3281, 3295  
 chemistry.....4648  
 China.....4659  
 cookery.....19, 450  
 Cuba.....4657  
 in plants.....1095  
 industry.....4668  
 Cuba.....5324  
 India.....4652  
 Mexico.....4662  
 manufacture and refining  
 4659, 4670  
 marketing.....4646  
 Puerto Rico.....543  
 quality.....4650  
 research.....4666  
 situation and outlook...  
 4641, 4653-4, 4667  
 Spain.....4663  
 substitutes.....3593  
 terminology.....4644  
 Union of South Africa...  
 4646  
 utilization...4655, 4660  
 See also Sucrose.  
**Sugar beets**.....4640  
 anatomy and physiology..  
 957, 1059  
 as feed.....2270-1, 2273  
 biochemistry.....1089  
 costs and returns...4950  
 culture.....1274, 1276-7  
 diseases.....220-1, 920-1  
 equipment.....3707  
 harvesting.....3707  
 irrigation.....1909, 1947  
 pests.....3148  
 resistance.....220  
 seed.....1280, 4637  
 treatment.....957  
 U. S. S. R.....4664  
 See also Silage, sugar-  
 beet.  
**Sugar, brown**....4649, 4661  
**Sugarcane**  
 analysis and composition  
 4645  
 Brazil.....1272  
 Colombia.....4668  
 costs and returns...4949  
 culture.....1275, 1279  
 diseases.....879  
 harvesting.....4647  
 irrigation.....1930  
 juice and sirup...4658,  
 4669  
 Mexico.....1281  
 propagation.....1278  
 varieties.....1273  
 yields.....4650  
 See also Filter-press  
 cake.  
**Sugarcane wax**.....3756  
**Sulfamethazine**.....2785  
**Sulfanilamide**....982, 3068  
**Sulfapyridine**.....3068  
**Sulfates**.....992  
**Sulfathiazole**....3068, 3205  
**Sulfonamides**....2292, 2507  
 See also names of  
 sulfonamides.  
**Sulfur**  
 effect on plants....1022  
 fungicides.....824, 881  
 in plants.....1084-5  
 insecticides.....3635
- Sulfuring**. See subheads  
 dried, drying, and pres-  
 ervation under names of  
 specific commodities.  
**Sunflower**.....4540  
 culture.....1264, 1271  
 Sunflower seed meal...5239  
**Superphosphates**  
 fertilizers.....2015  
 New Zealand.....2016  
**Surpluses**.....3887  
 See also subheads pur-  
 chase and sale pro-  
 grams and surpluses  
 under names of products.  
**Swarming**. See Apiculture,  
 colony management, swarm-  
 ing.  
**Swede turnips**. See Ruta-  
 bagas.  
**Sweet corn**. See Corn,  
 sweet.  
**Sweetclover**.....1246  
 effect on soils.....1870  
 pests.....3419  
**Sweetclover weevil**. See  
 Sitona cylindricollis.  
**Sweetpotatoes**  
 anatomy and physiology..  
 1080  
 as feed.....288, 2276  
 cookery.....320  
 culture.....1656, 1639  
 diseases.....825, 904  
 dried.....4333  
 injuries.....1080  
 nutritive value.....320  
 programs.....1661  
 seed.....1629  
 storage.....112  
 utilization.....4277  
**Swine**.....567, 3090, 3819  
 anomalies.....3073  
 Argentina.....3078  
 Australia.....3088  
 Brazil.....3087  
 breeds and breeding..289,  
 3033, 3039-41  
 Poland China..3034, 3042  
 Canada.....4444, 4501  
 carcasses.....3081  
 care...3077, 3080, 3083-4,  
 3086, 3091  
 seasonal.....3079  
 cooperatives.....4476  
 costs and returns..3078,  
 4959  
 diseases.....557, 3074, 3076  
 Eire.....3057  
 equipment.....3820  
 farms and ranches...3085  
 diversified.....3082  
 feeding and nutrition...  
 290, 3043-4, 3046,  
 3048-9, 3051-2, 3054-8,  
 3060  
 deficiencies.....3073  
 pasture and range....  
 3045, 3050, 4959  
 seasonal.....3053  
 heredity.....3037  
 hybrid.....3035  
 industry.....4461  
 parasites.....3071  
 poisoning.....3061  
 prices....4472, 4501, 4504  
 programs.....3026  
 shows and sales.....3089  
 situation and outlook...  
 4437, 4472  
 Sweden.....4449, 4476
- Swine--Continued.**  
 transportation.....4492  
 U. S. S. R.....3040  
 weight and measurement..  
 3081, 4489  
 See also Boars; Embryos,  
 swine; 4-H Clubs,  
 swine; and names of  
 anatomical parts, dis-  
 eases, parasites, and  
 products.  
**Swine fever**. See Hog  
 cholera.  
**Swine pest**. See Hog  
 cholera.  
**Syngamus trachea**.....2793  
**Syringes (livestock  
 drenching)**.....3006
- Tachinidae**  
 North America.....3473  
 See also names of  
 genera.  
**Take-all, of wheat**....995  
**Tall oil**.....2185  
**Tannin**.....2211  
**Tannin plants**...1115, 4677  
**Tanning**.....4513  
 cattle hide.....4525  
 materials.....2210, 4520,  
 4693-4, 4696  
 methods.....539  
 chrome.....4509.  
 See also Hides and  
 skins; Leather.  
**Tanyptremna**.....3441  
**Tapioca**. See Cassava.  
**Taraxacum**.....1698  
**Tariff**.....5184  
**Tarragon**.....1838  
**Tartar emetic**  
 insecticides.....3635  
**Taxation**.....245, 4753  
 Great Britain...493, 4748  
 income tax.....351, 493,  
 4751  
 Michigan.....503  
 Union of South Africa...  
 4749  
 Uruguay.....4723  
 See also Assessment; and  
 under specific sub-  
 jects.  
**Taxus baccata**. See Yew,  
 English.  
**Taylor, Seth**.....5302  
**Tea**  
 Argentina.....1732  
 culture.....1705  
 substitutes.....633  
**Teak**.....2081, 2085  
**Teats, of cattle**.....2508  
**Tectona grandis**. See  
 Teak.  
**Teeth**  
 of livestock.....2300  
 of swine.....3083  
 See also Nutrition  
 (human), and teeth.  
**Temnillus**.....3409  
 Temperature, effect on  
 insects...3389-90, 3401,  
 3614  
 milk.....4048-9, 4122  
 plant disease.....873, 896  
 plants...997, 1000, 1008,  
 1036, 1041, 1237  
 poultry.....2792, 2925  
**Tenancy**. See Farms and  
 farming, tenancy; Land,  
 tenure; Share farming.
- Tendipedidae**.....3466  
 See also names of  
 genera.  
**Tennessee Valley Authority**.  
 See U. S. Tennessee  
 Valley Authority.  
**Tenthredinoidea**  
 Great Britain.....3527-8  
 See also names of  
 families and genera.  
**Tephrosia**.....75-7  
**Termites**.....2143  
 anatomy and physiology..  
 3537  
 See also names of  
 families and genera.  
**Terracing**.....1959, 3667,  
 3785  
**Tetralicia**.....3519  
**Tetraploidy**. See Poly-  
 ploidy.  
**Tex. Agr. Expt. Sta.**  
 publications.....305  
**Tex. and Southwest**.  
 Cattle Raisers Assoc.2536  
**Textiles**.....540  
 bibliographies.....542  
 equipment.....3715  
 India.....4225  
 industry.....4174  
 processing.....542  
 See also Fibers; Mildew-  
 proofing; Rotproofing;  
 and names of textiles.  
**Thamniastrum**.....797  
**Thanite**.....227  
**Thelocactus**.....746  
**Thelymitra ixioideis** var.  
 subdifformis.....763  
**Thiamine**.....5193  
 effect on plants....1051  
 in animal nutrition.3054  
 stability.....5257  
 See also Vitamin B;  
 Vitamin B<sub>1</sub>.  
**Thief ant.** See Solenopsis.  
 molesta.  
**Thiourea**  
 effect on plants....1004  
 therapeutic use....2640  
**Thrypticomys apicalis**....  
 3449  
**Tickclover, Cherokee**..1029  
**Ticks**  
 and disease...226, 3364-5  
 Delaware.....226  
 See also names of  
 families and genera.  
**Tilia**. See Linden.  
**Tillage**...199, 1882, 1885-6,  
 1888-90, 1893  
 equipment.....198, 3704  
 fallowing.....1816  
 Great Britain.....3878  
 See also Plowing; Flows;  
 and subhead culture  
 under names of plants.  
**Timber**  
 marketing.....2112  
 See also Beams; Lumber;  
 Wood.  
**Timbo**. See Lonchocarpus.  
**Time and motion studies**.  
 See under Efficiency.  
**Timothy**.....1222  
**Tin**. See Containers, tin.  
**Tingo María (Peru) Esta-  
 ción Experimental Agrí-  
 cola**.....1705  
**Tipula**.....3442



- Item  
Tipulidae.....3441  
See also names of genera.  
Tipuloidae.....3442  
See also names of families and genera.  
Tires.....4202  
Tissue cultures, plant.....1045  
See also Embryos, plant.  
Tissues, plant.....998,1015  
Titmice.....3285  
Tlurin, Ivan Vladimirovich.....1739  
Tobacco  
anatomy and physiology..1012,1282  
Australia.....4676  
culture.....631,1284-5  
cured.....4674  
curing.....1286  
diseases.....929,934  
Ecuador.....4671  
fertilizers.....1820  
Hungary.....4675  
industry.....4672  
Kenya.....1286  
marketing.....53  
pests.....3115  
processing.....631  
resistance.....1283  
seed.....1287  
situation and outlook...4673  
soils.....1809  
statistics.....158  
trade.....5168  
See also Nicotine.  
Tobacco, burley.....1285  
Tobacco Marketing Quota Program.....31  
Tobacco oil.....4555  
Tomatoes.....4268  
anatomy and physiology..1021,4302  
Australia.....1598,1630  
canned.....17  
culture..1592,1594,1597,1628,1646,1651,1890  
diseases.....828,901-2,927  
fertilizers.....1839  
for processing..277,1632  
injuries.....827  
pests.....3598  
planting.....1649  
situation and outlook...4290  
vitamins.....1098  
yields.....1839  
Tools. See names of tools.  
Torrey Bot. Club.....687  
Town and country planning..4996  
Great Britain.....5003  
Town and Country Planning Act (Great Britain), 1944.5003  
Towns, New England.....526  
Towri.....4677  
Toys.....447  
Trace elements. See Minor elements.  
Tractors....528,3771,3773,3775-6,3782,3785  
maintenance and repair..3685,3780  
Trade  
agreements and treaties..182,5160,5179  
Argentina.....5181  
Australia.....5188
- Item  
Trade--Continued.  
Brazil....5159,5164,5173  
Canada.....5166,5181-2  
Colombia.....3965  
Cuba.....4708  
foreign...519,5171,5174,5177-8,5180,5183  
Great Britain..5170,5188  
India.....5182  
international.....5172  
Latin America..519,5171  
Mexico.....5176  
New Zealand.....5187  
postwar...5163,5166,5187  
Puerto Rico.....670  
Turkey.....4718  
Union of South Africa...4706  
U. S. S. R.....5178  
Uruguay.....5159,5164,5173  
See also under names of products.  
Transplanting. See subhead planting under names of plants.  
Transportation  
China.....3883  
refrigeration.....3720  
Venezuela.....3896  
water.....2114  
See also Airplanes, in transportation; Freight rates; Insurance, transportation; and under names of commodities.  
Traps. See Baits and traps.  
Tread softly. See Cnidoscopus.  
Treaties. See International agreements and treaties.  
Trees  
as feed.....1253  
bibliographies.....140  
biochemistry.....1092  
culture.....185  
fertilizers.....1880  
growth.....1107  
in soil conservation...191  
injuries.....822,845  
names.....752  
notable.....675,2221  
ornamental....1418,1430  
Palestine.....1514  
pests.....3552  
planting.....1119  
rings.....132,689  
shade.....1548  
spraying and dusting...3181  
street and roadside....1507,1514,1516  
See also Forests; Memorial plantings; Nurseries (plant); Seedlings; Windbreaks; and names and classes of trees.  
Tres de Mayo Mine (Arizona).....3521  
Trialeurodes.....3519  
Trianthema monogyna....773  
Triatoma  
and disease.....3521  
Tribolium destructor..427  
Trichiasis, in sheep..3010  
Trichinella spiralis...535  
Trichinosis, in man...2325
- Item  
Trichocera.....3442  
Trichomonas foetus  
in cattle.....2479  
Trichopilia juniensis..771  
Trichopseniinae.....3433  
Trichopsenius.....3433  
Trifolium pratense. See Clover, red.  
Triglochin maritima....767  
Triglyphothrix.....3533  
Trillium.....1513  
Tristeza  
of orange.....835,857  
Triticum monococcum. See Einkorn.  
Triticum vulgare. See Wheat.  
Tropical and subtropical plants. See Plants, tropical and subtropical.  
Troughs.....3820  
Truck crops. See Vegetables; and names of crops.  
Truck farming.....4297  
Canada.....4908  
See also Vegetables; and names of crops.  
Truman, Harry S.....5293,5301,5304  
Truninger, Ernst.....5291  
Truphoneura sublugubris..3448  
Trypanosoma cruzi.....3521  
Trypanosomiasis  
in horses.....2647  
Trypheromyia n. g.....3473  
Tsetse flies. See Glossina.  
Tsuga heterophylla. See Hemlock, Pacific.  
Tuberculosis  
in cattle  
Union of South Africa..2462  
in poultry.....2815  
in swine.....2815  
tests.....2319  
Tucumán Estación Experimental Agrícola..1132  
Tularemia  
transmission.....3373  
See also Pasteurella tularensis.  
Tulip.....1547  
Tumors  
in horses.....2654  
See also Hematoma; Psammoma; Sarcoma.  
Tung oil.....4532  
Tung-oil tree  
anatomy and physiology..1038  
Union of South Africa...1699  
Tupelo.....673  
Turbines.....3779,3781  
Turf.....296,298  
See also Grasses.  
Turkeys  
breeds and breeding..2702  
Canada.....2901  
care.....2838,2857,2875,2893,2905  
costs and returns...4952  
farms and ranches  
diversified.....2856  
feeding and nutrition...462,2728  
pasture and range..286  
hatching.....2863,2877  
industry.....310  
mortality.....2788
- Item  
Turkeys--Continued.  
programs..2865,2900,4952  
weight and measurement..2839  
See also Poultry.  
Turnip greens.....231-2  
Turnips, culture.....1884  
Turpentine.....34  
Twin States Livestock Assoc.....2353,2361  
Typhus, Europe.....658  
Tyrosinase.....1104  
Tyrosine, in poultry nutrition.....2733  
Udders, of cattle.....2466  
Ulcers  
peptic, in dogs.....2592  
Ultraviolet ray  
analysis.....3875  
effect on  
plants.....1024,1037,1040,1047  
poultry.....2817  
in food processing..3933  
Unemployment. See Labor.  
Union of South Africa.  
Citrus Bd.....4271  
United Nations Food and Agriculture Organization. See Food and Agriculture Organization of the United Nations.  
United Nations Relief and Rehabil. Admin.  
bibliographies.....665  
U. S. Antarctic Serv.  
Expedition, 1939-41.....3367,3632,5206  
U. S. Army  
food.....3903,4496  
pest control.....3462  
Veterinary Corps...4496  
See also Armed forces; Land, military; Nutrition (human), armed forces; Veterans; Veterinary medicine, Army; and subhead armed forces under names of animals and commodities.  
U. S. Bur. of Indian Affairs.....667  
U. S. Bur. of Reclamation. 667  
U. S. Dept. of Agr.....12,152,480,517,663,3905,5105  
Agr. Adjust. Agency..2265  
maps.....25  
Anim. Indus., Bur. of...4524  
regional laboratories..2351  
Region. Swine Breeding Lab.....3033  
appropriation bill for 1945.....669  
Commod. Credit Corp...56  
Farm Credit Admin...111,4724  
Graduate School.....148  
Library, Albuquerque Branch.....154  
Mktg. Serv., Off. of..163  
publications.....11  
regional laboratories...2354  
Soil Conserv. Serv...194  
See also names of soil conservation districts.  
War Food Admin..4070,4784



- Item**  
U. S. Dept. of Com. appropriation bill for 1945.....669  
U. S. Dept. of Labor appropriation bill for 1945.....669  
U. S. Dept. of the Interior appropriation bill for 1946.....667  
U. S. Fed. Security Agency appropriation bill for 1946.....666  
U. S. General Land Off. 667  
U. S. Govt. publications.....649  
See also names of specific agencies.  
U. S. Grazing Serv. ....667  
U. S. Natl. Museum....3499  
U. S. Natl. Park Serv. 667  
U. S. Naval Air Sta., Quonset Point, R. I...296  
U. S. Naval Prison Farm, Mare Island, Calif....2439  
U. S. Off. of Price Admin. 3924  
U. S. Tennessee Valley Authority.....3485, 3490  
U. S. War Agencies Appropriation Bill, 1945...668  
U. S. War Dept. See U. S. Army.  
U. S. War Relocation Authority.....668  
U. S. Works Prog. Admin... 514  
Upholstering.....325  
Urea, in animal nutrition.....288  
Urena lobata. See Cadillo.  
Urocystis tritici.....907  
Urophlyctis.....878  
Ustilago avenae.....984  
Ustilago maydis.....2490  
Utah Poultry Prod. Coop. Assoc.....4607  
Uterus, of dogs.....2593  
Utility rooms.....459  
Vaccines.....2778  
Spain.....2341  
See also Brucella abortus, vaccines; Immunization; and names of vaccines.  
Valpogonia.....3450  
Vanilla beans.....118  
Veal, Great Britain...4481  
Vegetable marrow.....1604  
Vegetables.....4285  
Argentina.....4315  
Australia.....4357  
breeding.....1631  
Canada.....4380  
canning.....4354  
home.....4356  
cooking.....322, 340, 449, 475-6  
culture....89, 1072, 1298, 1619, 1642, 1647, 1891-2  
home raising....82, 358, 1600, 1650, 1665  
diseases.....230  
New Jersey.....840  
dried....4301, 4346, 4353, 4363, 4366  
analysis and composition.....4304  
drying.....534, 4351, 4357  
for processing 1289, 1622
- Item**  
Vegetables--Continued.  
frozen....534, 1289, 1622, 4335, 4365, 4376  
Great Britain.....4353  
harvesting.....4312  
industry.....4256  
marketing.....270, 308, 4252, 4312, 4327-8  
New Zealand.....4357  
nutritive value.....476  
ornamental.....1527  
pests.....588, 826, 3156  
physiology.....1066  
planting.....355, 1585  
preservation....476, 534, 3933, 4252, 4296, 4352  
home.....43  
prices.....270  
processing....4355, 4380  
regulation and inspection.....208  
research.....4360  
seeds.....1657, 4638  
tests.....1590  
situation and outlook... 4258, 4260, 4273  
spraying and dusting.... 349, 380  
statistics.....155  
storage.....534, 4374  
transportation.....538  
varieties.....1617, 1637, 1643, 1652, 1662  
vitamins.....1606, 5256  
waste.....4305  
See also Gardens and gardening, victory; Greenhouses, vegetable culture; Root crops; Truck farming; and names of vegetables.  
Vegetation  
Australia.....695  
See also Ecology, plant; Flora; Ranges, vegetation.  
Veld.....1245  
Velvetbean.....1224  
Veneers.....2215-16  
See also Plywood.  
Venezuela. Ministerio de Agricultura y Cría...5266  
Servicio de Higiene y Sanidad Animal....2332  
Verbascum. See Mullein.  
Verbena.....770  
Verbenaceae.....966  
Verein Deutsch-Schweizerischer Bienenfreunde.. 3217, 3235, 3258-9  
Vermilion School of Agr. (Alberta, Canada)....5059  
Vermouth.....3971  
Vespidæ.....3544  
See also names of genera.  
Vespula vulgaris.....3546  
Vetch.....1195  
Veterans  
apiculture.....3202  
credit.....4731  
employment.....4780  
farming....1961, 4968-70, 4980  
gardening.....3670  
land settlement  
Australia.....4971  
Nigeria.....4976  
training 5026, 5064, 5067, 5069, 5077, 5097, 5099  
Veterinarians.....2317
- Item**  
Veterinary medicine  
Army.....2323  
diagnostic methods..2309  
drugs.....2304, 2315  
history.....2317  
India.....2305  
postwar.....2301  
practice...552, 2287, 3076  
study and teaching 2305, 5067  
technique and equipment. 51, 2304, 2458, 2472, 3006  
See also Anesthesia; Artificial insemination; Castration; Immunization; Intubation; Obstetrics; U. S. Army, Veterinary Corps; names of drugs, diseases, and organisms; and subheads diseases, parasites, and surgery under names of animals.  
Viburnum.....1438  
Vicia faba. See Broadbeans.  
Victory Farm Volunteers... 36, 100, 456  
Victory gardens. See Gardens and gardening, victory.  
Vigna sinensis. See Cowpeas.  
Villages  
Great Britain.....492  
Peru.....5030  
U. S. S. R.....5035  
Villeg, C.....3457  
Vinegar flies. See Drosophila.  
Vines...191, 1288, 1424, 1540  
Vineyards. See Grapes.  
Viola papilionacea....1568  
Virus Y, of potato....922  
Viruses and virus diseases  
properties.....977  
transmission.....221  
See also names of diseases.  
Viruses and virus diseases (animal). See names of diseases and under names of animals.  
Viruses and virus diseases (plant)....928, 981  
control.....3392  
of bean.....925  
of cacao.....924  
of Dianthus.....856  
of potato.....918  
of strawberry...915, 919  
of tobacco.....929  
of tomato.....927  
properties.....925  
See also names of diseases and under names of plants.  
Viscogela.....2334  
Vitamin A  
and health.....5259  
in animal nutrition 2503  
in food.....5256  
in fruit.....217  
in human nutrition..5242  
in poultry nutrition... 2754  
See also Carotene.
- Item**  
Vitamin B  
in plants.....1092  
See also Pyridoxine; Riboflavin; Thiamine.  
Vitamin B1  
in yeast.....5258  
See also Thiamine.  
Vitamin B2. See Riboflavin.  
Vitamin B6. See Pyridoxine.  
Vitamin C  
in food.....5229  
in fruit.....217, 5227  
in vegetables.....1776  
See also Ascorbic acid.  
Vitamin D, in poultry nutrition.....2740  
Vitamin G. See Riboflavin.  
Vitamins.....5212  
and health....5192, 5247  
in animal nutrition.... 2266, 2429  
in fruit.....218  
in human nutrition 5200, 5255  
in poultry nutrition 370  
stability.....3929, 5243  
See also Growth substances for plants; names of specific vitamins; and under names of products.  
Vitex negundo. See Chaste tree, negundo.  
Wages.....4773, 4781, 4784  
Canada.....4802  
Great Britain.....4756  
regulation.....150  
U. S. S. R.....4798  
Walls.....1801  
Walnuts.....1396  
culture.....279  
industry.....5184  
War Agencies Appropriation Bill. See U. S. War Agencies Appropriation Bill, 1945.  
War agricultural committees. See Committees, agricultural.  
Warble flies. See Hypoderma.  
Wasps.....3448, 3546-7  
See also names of families and genera.  
Waste. See Chemistry; and under names of products.  
Water  
conservation...189, 1927  
Australia.....1915  
study and teaching 196  
effect on plants...926, 1006, 1035, 1070  
forest relations....1991  
power.....645  
Canada  
bibliographies..5279  
rain.....2022  
supply.....1939, 3844  
Columbia River Basin.. 202  
farm.....106, 1902  
Florida.....1937  
systems.....3845, 3852  
underground....202, 1899, 1902, 1931  
Australia  
New South Wales 1901  
See also Drainage; Drought; Floods, control; Irrigation; Run-off; Soils, moisture.



- Item  
 Watering. See under names  
 of animals.  
 Watermelons  
 diseases.....285  
 varieties.....1660  
 Watersheds.....236  
 Waxes. See names of waxes.  
 Weather. See Climate and  
weather.  
 Weeds.....620,1680,1684  
 control.....1668-9,1671,  
 1674,1676-8,1682,  
 1686-7,1689,1836,3130  
 seeds.....1678  
See also names of weeds.  
 Weighbridges.....3646  
 Welfare. See Social wel-  
fare.  
 Wells.....219,1929  
 Wells, artesian.....1931  
 Wells Dairies Co-op...4046  
 W. Va. Ayrshire Breeders'  
 Assoc.....2365  
 W. Va. Dairyman's Assoc...  
 2556  
 W. Va. Holstein-Friesian  
 Assoc.....2403  
 W. Va. Jersey Cattle Club.  
 2368  
 Western Colo. Prod. Coop..  
 5154  
 Western Pa. Artificial  
 Breeding Coop.....2390  
 Wheat  
 anatomy and physiology..  
 1020,1032,1756,4413  
 Argentina.....4387,4412  
 as feed.....278,287-8,  
 3043,3046  
 Australia.....4385,4392,  
 4404,4409,4416,4971  
 breeding.....1170  
 byproducts, as feed.....  
 2430,3048  
 Chile.....4406  
 culture.....199  
 diseases.....869,933,995  
 fertilizers.....282,1848  
 grazing.....2995  
 Great Britain...1020,4423  
 hybrids.....970-2,985  
 marketing.....4410  
 milling and baking  
 quality.....4413  
 New Zealand.....4386  
 nutritive value.....5263  
 pests.....3539  
 prices...4387,4412,4419  
 programs.....4386  
 quality.....4394,4423  
 resistance.....972  
 situation and outlook...  
 4388,4419  
 storage.....4389,4395  
 pests.....3123,3185  
 trade.....5165  
 Uruguay.....3893  
 utilization.....4411  
 varieties.....292-3,314,  
 1144,1145,1152,1154,  
 1166  
 yields.....363,4401  
See also Einkorn; Flour;  
Mills and milling.
- Item  
 Wheat germ.....4402  
 Wheat Stabilization Plan,  
 Australia.....4385  
 Wheat stem sawfly. See  
Cephus cinctus.  
 Wheatgrass.....192  
See also Agropyron.  
 Wheatgrass, bluestem..1025  
 Wheatgrass, crested...994  
 Whetzel, Herbert Hice.5300  
 Whiptree.....1734  
 White ants. See Termites.  
 White cedar, Fort Orford.  
See False-cypress,  
Lawson.  
 White grubs. See Phyl-  
lophaga.  
 Whitehouse, Sir Beckwith..  
 3596  
 Whitetop, pepperweed..1675  
 Wild flowers  
 conservation.....674  
 for gardens.....1421  
 Michigan.....712  
 Wild plants, as food. See  
Food plants, wild.  
 Wild-rye.....985  
 Wilder, Louise Beebe..1524  
 Wildlife.....201,236  
 as predators...2832,2834  
 conservation.....184  
See also Forests, wild-  
life relations; Game;  
and names of animals  
and birds.  
 Willow.....3586  
 pests.....3435  
 Willow, round-ear...3588  
 Wind  
 effect on insects...3215  
 erosion...296,1964,1985,  
 1997  
 Windbreaks.....190,195  
 Window-box gardens...1557  
 Wine  
 Chile.....3974  
 fermentation.....3981  
 manufacture...3967,3976,  
 3979,3984,3989  
 Mexico.....3988  
 musts.....3972-3  
 spoilage.....3978  
 storage.....3980  
See also kinds of wine.  
 Wings, of insects....3455  
 Wire winders.....3679  
 Wiring, electric.....362  
 Witloof.....1663  
 Wohlfartia vigil.....3476  
 Women.....4916,5046  
 labor.....5,4800  
 U. S. S. R.....5083  
See also Attitudes,  
women.  
 Women's Land Army...5,19,  
 98,455,3651,4759,4768  
 Great Britain...491,509  
 Wood, Alphonso. Class-  
 Book of Botany, 1845..686  
 Wood.....2157,2173  
 anatomy.....2135  
 as fuel.....2218-20  
 bibliographies.....140
- Item  
 Wood--Continued..  
 chemistry.....2156  
 compressed...128-9,2191  
 construction.....605  
 Dutch Guiana.....603  
 finishing.....2184  
 impregnated.....2191-2  
 laminated.....2166  
 pests.....604,2118,  
 2144,3397,3411  
 physical properties.128,  
 132,604,2136-7,  
 2140-1,2148  
 preservation.....121-2,  
 604,2143-7  
 bibliographies.....130  
 pulping.....2193  
 substitute woods....136  
 Sweden.....5325-6  
 technology.....5325-6  
 Union of South Africa...  
 2141  
 utilization...2150,2152,  
 2155,2159,2161,2168  
 waste.....2131  
 utilization.....2158,  
 2172,2220  
See also Ashes; Lumber;  
Plywood; Timber; Ve-  
neers; and under Con-  
tainers; Fibers.  
 Wood industries.....2154  
 Alaska.....120  
 Wood sugar.....127  
 Woodlands, farm...142,189,  
 418,2091,2093,2095-7,  
 2100-1,2112  
 costs and returns...2092  
 East Africa.....1110  
 management.....1118  
 Ohio.....2094  
 Wool.....4237  
 Arctic regions.....664  
 Argentina.....536  
 Australia...4150-1,4165,  
 4180,4194,4196,4247  
 Canada.....3029,4184  
 carding and combing.4157  
 care and handling...3028,  
 3719  
 fiber.....4232  
 grading and standardi-  
 zation.....4196  
 Hungary.....4179  
 industry.....306,4238  
 Australia.....4209  
 Portugal.....4235  
 marketing.....405  
 prices.....4205  
 sampling.....4215,4223  
 scouring.....4246  
 shrinkage.....4216  
 situation and outlook...  
 4181,4201,4204,4208  
 statistics.....63  
 Sweden.....4205  
 taxation.....4194  
 textiles.....4203  
 Union of South Africa...  
 4163  
 yields.....4160  
 Wool, Angora rabbit.....  
 4152  
 dyeing.....4166
- Item  
 Woolly apple aphid. See  
Eriosoma lanigerum.  
 Work management. See  
 Labor, work management.  
 World Trade Alliance...497  
 Worms  
 in goats.....3002  
 in horses.....2648  
 in sheep...3000-1,3008,  
 3013,3019  
 in swine.....3066  
See also names of worms  
and anthelmintics.  
 Wormwood. See Artemisia.  
 Wyethia.....1200
- X-disease, of peach...930  
 X-ray  
 effect on  
 insects.....3483  
 pigmentation.....2768  
 plants.....1061  
 therapeutic use.....574  
 Xanthium. See Cocklebur.  
 Xanthomonas campestris. See  
Black rot, of rutabaga.  
 Xenopsylla cheopis...3629  
 Xerophloea vanduzeei...221  
 Xylotrechus colonus...3395
- Yams.....993  
 Yarrow, yellow woolly. See  
Achillea tomentosa aurea.  
 Yeasts  
 anatomy and physiology..  
 988  
 heredity.....980  
 in fermentation....3981  
 nutritive value.....5221  
 sources.....4305  
See also Saccharomyces  
cerevisiae.  
 Yellow-fever mosquito.  
See Aedes aegypti.  
 Yellow-red virosis, of  
 peach. See X-disease, of  
peach.  
 Yellows  
 of strawberry.....262  
 of sugar beet.....920-1  
 Yew, English.....701,3267  
 Yoghurt. See Milk, fer-  
mented.  
 Young Farmers' Clubs  
 New Zealand.....5132  
 Youth  
 Canada.....5029  
 education and training..  
 5070  
 labor....271,4772,4776,  
 4782,4788  
 Newfoundland.....5158  
 programs.....5105  
 U. S. S. R.....3788,5070  
See also Clubs, youth;  
Education; 4-H Clubs;  
Future Farmers of Amer.
- Zeuzera pyrina.....3612  
 Zia.....3603  
 Zinc  
 effect on plants....1038  
 fungicides.....844  
 Zoology, technique and  
 equipment.....648



## PUBLICATIONS WANTED

If you can supply any of the publications listed below through purchase, gift, or exchange, please notify the Library, United States Department of Agriculture, Washington 25, D. C.

- Agricultural Ireland**  
v. 2, No. 3, May 1943
- Alabama Forest News**  
v. 8, Nos. 1-12, 1934  
v. 9, Nos. 1-5, 12, Jan.-May, Dec. 1935  
v. 10, Nos. 1, 6, 8-11, Jan., June, Aug.-Nov. 1936  
v. 11, Nos. 1-4, 12, Jan.-Apr., Dec. 1937  
v. 12, Nos. 2, 7, Feb., July 1938  
v. 13, No. 1, 1939
- All-Pets Magazine**  
v. 14, No. 9, Feb. 1943-v. 15, No. 6, Nov. 1943
- American Journal of the Medical Sciences**  
v. 187, No. 6, June 1934
- American Lumberman**  
Nos. 3167-3168, 3234, Dec. 16, 30, 1939, July 11, 1942
- American Racing Manual, 1944**
- Arboretum Foundation. Arboretum Bulletin**  
v. 6, No. 1, 1943?
- Arkansas Agriculturist**  
v. 20, No. 5, Jan. 1943
- The Ayrshire Cattle Society's Journal**  
v. 15, Nos. 2-3, 1943
- C O A Fax (Cooperative Oil Association of Boise Valley)**  
v. 7, No. 5, June 1943
- Canadian Poultry Review**  
v. 67, 1943  
v. 68, No. 1, 1944
- Canadian Silver Fox and Fur**  
v. 9, No. 2, Feb. 1943  
v. 10, Nos. 2-4, Feb.-Apr. 1944
- Chamber of Commerce Journal (London)**  
v. 70, No. 1003, Oct. 1939  
v. 71, Nos. 1014, 1017, Sept., Dec. 1940
- Chemical Age**  
v. 48, Nos. 1227-1231, Jan. 2-Jan. 30, 1943
- Chemical Industries**  
v. 52, No. 3, pt. 2, Mar. 1943
- Chemical Trade Journal**  
v. 112, Nos. 2902-2906, 2915, Jan. 1-29, Apr. 2, 1943
- Cotton Yearbook and Diary, Manchester, England, 1943**
- Dakota Farmer**  
Index only to v. 59-63, 1939-1943
- Delta Council News (Stoneville, Miss.)**  
v. 4, No. 3, Mar. 1943  
v. 5, No. 4, Mar. and Apr. 1944
- Economist (London)**  
Mar. 6, Sept. 25, 1943
- Electric Journal**  
v. 32, Nos. 6, 9-10, June, Sept.-Oct. 1935  
v. 33, Nos. 1, 3, 7-8, Jan., Mar., July-Aug. 1936
- Electrical Dealer**  
v. 24, No. 5, Nov. 1939
- Electrical News and Engineering**  
v. 48, No. 21, Nov. 1, 1939  
v. 49, No. 7, Apr. 1, 1940  
v. 51, No. 8, Apr. 15, 1942
- Electrical Review**  
v. 129, Nos. 3330-3331, Sept. 19-26, 1941
- Electrical South**  
v. 15, Nos. 1-6, 11, Jan.-June, Nov. 1935  
v. 16, No. 1, Jan. 1936  
v. 18, No. 1, Jan. 1938
- Electrician**  
v. 125, Nos. 3253-3265, Oct. 4-Dec. 28, 1940  
v. 126, Nos. 3266-3291, Jan. 4-June 27, 1941  
v. 127, Nos. 3298, 3308-3313, Aug. 15, Oct. 24-Nov. 28, 1941
- Electronics**  
v. 17, Nos. 1, 3, Jan., Mar. 1944
- The Engineers' Digest**  
v. 4, No. 3, Mar. 1943
- Farm Implement and Machinery Review (London)**  
v. 69, No. 818, June 1943
- Farmer and Settler (New South Wales)**  
v. 37, No. 1, 1943
- Farming in South Africa**  
v. 18, Nos. 208, 210, July, Sept. 1943  
Index to v. 18, 1943
- Florida. Department of Agriculture. Bulletin**  
new series, No. 40, revised. 1936
- Florists Exchange**  
v. 95, No. 6, Aug. 10, 1940  
v. 96, No. 8, Feb. 8, 1941
- Food, Processing, Packing, Marketing**  
v. 6, No. 62, Nov. 1936
- Food Manufacture**  
v. 16, No. 1, Jan. 1941  
v. 17, No. 2, Feb. 1942  
Indexes to v. 17 and 18, 1942-1943
- Forest Leaves (Pennsylvania Forestry Association)**  
v. 27, No. 2, 1937
- Fruit Products Journal**  
v. 21, No. 1, Sept. 1941
- Gardeners' Chronicle**  
ser. 3, v. 110, Nos. 2856-2858, Sept. 20-Oct. 4, 1941
- Gulf Coast Lumberman**  
v. 31, No. 19, 1944
- Harvard University. Graduate School of Engineering. Publications**  
Nos. 358, 361, 374, 395, 396, 1943-1944
- Hereford Swine Journal (Kansas City, Mo.)**  
v. 3, No. 3, Jan. 1943
- The Hormel Farmer**  
v. 6, No. 6, Feb. 1943
- House and Garden**  
Index for v. 84, July-Dec. 1943
- House Beautiful combined with Home and Field**  
v. 85, No. 12, Dec. 1943-v. 86, Mar. 1944
- Imperial Council of Agricultural Research (India). Miscellaneous Bulletin**  
No. 57—Stores Grain Pest and Their Control, by Dr. Hem Singh Pruthi
- India Rubber World**  
v. 104, No. 2, May 1941
- Journal of Home Economics**  
v. 29, No. 4, Apr. 1937
- Maritime Farmer and Co-operative Dairyman**  
v. 49, No. 13, Apr. 4, 1944
- Michigan Milk Messenger**  
v. 14, Nos. 1-12, May 1932-Apr. 1933
- Morgan County Farmer (Illinois)**  
May, June, Dec. 1943  
Jan.-Feb. 1944

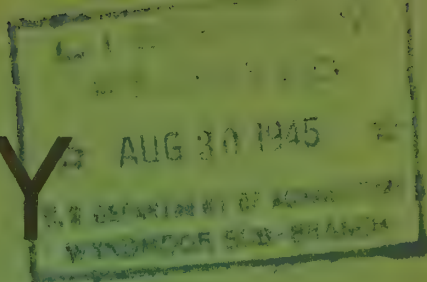






1.916  
B471  
Ref RM

# BIBLIOGRAPHY OF AGRICULTURE



U.S. DEPARTMENT  
OF AGRICULTURE  
LIBRARY





United States Department of Agriculture Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B.—Bulletin; C.—Circular; J.—Journal; P.—Publication; Q.—Quarterly; U.—University; U. S. D. A.—United States Department of Agriculture; Ybk.—Yearbook; Z.—Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

**MICROFILMS:**

Periodical Articles.—A flat charge of 50 cents for any single article, from any single volume of a periodical.

Books and Serial Publications.—50 cents for each 50 pages or fraction thereof.

**PHOTOPRINTS:**

50 cents for each 10 pages of text or fraction thereof.



# UNITED STATES DEPARTMENT OF AGRICULTURE

## LIBRARY

### BIBLIOGRAPHY OF AGRICULTURE

Vol. 7

August 1945  
Items 5329-9526

No. 2

#### CONTENTS

	Item		Item		Item
U. S. D. A. PUBLICATIONS.....	5329-5487	Soils and Fertilizers.....	6733-6957	Lumbering.....	7027
STATE AGR. EXPT. STA. PUBLICATIONS.....	5488-5562	Soil Science.....	6733	Equipment.....	7031
STATE AGR. EXT. SERV. PUBLICATIONS.....	5563-5716	Soil Physics.....	6733	Logging.....	7033
BOOKS AND PAMPHLETS.....	5717-5879	Soil Chemistry and Mineralogy.....	6741	Lumber Industry.....	7037
PERIODICAL AND SERIAL LITERATURE.....	5880-9526	Soil Biology.....	6764	Sawmills.....	7038
Plant Science.....	5880-6732	Soil-Plant Relationships and Soil Requirements.....	6768	Wood Technology.....	7039
Systematic and Geographic Botany.....	5901	Soil Genesis, Formation, Classification, and Mapping.....	6779	Chemical and Physical Properties.....	7040
Spermatophytes.....	5912	Soil Management.....	6787	Preservative Treatment.....	7045
Pteridophytes.....	5988	Soil Fertility.....	6793	Forest Products.....	7048
Bryophytes.....	5989	Soil Tilth and Tillage.....	6838	Barrels, Boxes, and Crates.....	7059
Algae.....	5991	Drainage, Irrigation, Water Supply, and Flood Control.....	6849	Charcoal.....	7061
Fungi and Lichens.....	5994	Erosion and Erosion Control.....	6887	Naval Stores.....	7063
Pathology.....	6018	Sanitation.....	6919	Plastics.....	7068
Fungus Diseases.....	6087	Materials for Soil Improvement.....	6923	Pulp and Paper.....	7072
Bacterial Diseases.....	6142	Primary Materials.....	6929	Tanning Materials.....	7085
Virus Diseases.....	6153	Secondary and Minor Element Materials.....	6934	Veneers and Plywood.....	7087
Diseases Caused by Nematodes.....	6168	Mixed Fertilizers and Fertilizer Technology.....	6935	Wood as Fuel.....	7094
Ecology.....	6170	Mineral Soil Amendments.....	6937	Miscellaneous.....	7097
Morphology, Anatomy, and Cytology.....	6180	Manures and Composts.....	6940	Engineering.....	7100
Genetics.....	6212	Forestry.....	6958-7105	Forest Influences.....	7105
Physiology.....	6221	Forest Economics and Policy.....	6958	Animal Industry.....	7106-7688
Biochemistry.....	6292	Legislation.....	6967	Breeds and Breeding.....	7106
Silviculture.....	6306	Prices.....	6969	Feeds and Feeding.....	7111
Field Crops.....	6314	Forest Description and Resources.....	6970	Veterinary Medicine.....	7135
Cereals.....	6318	Individual Genera and Species.....	6990	Miscellaneous.....	7180
Fiber Crops.....	6339	Forest Administration and Management.....	6995	Cattle.....	7194
Forage Crops and Grasses.....	6346	Administration.....	7002	Breeds and Breeding.....	7194
Oil Crops.....	6383	Farm Woodlands.....	7003	Feeds and Feeding.....	7224
Sugar Crops.....	6387	Mensuration.....	7015	Veterinary Medicine.....	7242
Tobacco.....	6391	Forest Protection and Damage.....	7016	Miscellaneous.....	7300
Horticultural Crops.....	6394	Fire.....	7016	Dogs and Cats.....	7322
Fruits.....	6408	Meteorological Injuries.....	7026	Breeds and Breeding.....	7322
Citrus and Subtropical.....	6410			Feeds and Feeding.....	7333
Deciduous.....	6420			Veterinary Medicine.....	7334
Small.....	6445			Miscellaneous.....	7354
Nuts.....	6455			Horses and Mules.....	7357
Ornamental Plants.....	6456			Breeds and Breeding.....	7357
Vegetable and Truck Crops.....	6605			Veterinary Medicine.....	7366
Weeds and Poisonous Plants.....	6677			Miscellaneous.....	7398
Miscellaneous Economic Plants.....	6694			Poultry.....	7408
				Breeds and Breeding.....	7408
				Feeds and Feeding.....	7443
				Veterinary Medicine.....	7466
				Miscellaneous.....	7505
				Rabbits.....	7590
				Breeds and Breeding.....	7590
				Feeds and Feeding.....	7600
				Veterinary Medicine.....	7601
				Miscellaneous.....	7610



Item	Item	Item
Sheep and Goats.....7616	Distribution, Marketing, and Transportation....8395	Sugar and Sirups.....8964
Breeds and Breeding..7616	Grading, Inspection, Standardization, and Quality.....8413	Tobacco.....9006
Feeds and Feeding....7628	Packing and Packaging..8422	Miscellaneous Products..9013
Veterinary Medicine..7630	Prices, Price Control, and Rationing.....8427	Agricultural Economics and Rural Sociology....9033-9376
Miscellaneous.....7644	Processing and Storage..8438	Agricultural Finance...9053
Swine.....7653	Statistics.....8452	Credit.....9057
Breeds and Breeding..7653	Beverages and Condiments... 8453	Income.....9070
Feeds and Feeding....7663	Dairy Products.....8476	Insurance.....9074
Veterinary Medicine..7673	Analysis and Composi- tion.....8512	Taxation.....9075
Miscellaneous.....7685	Consumption and Utili- zation.....8538	Agricultural Labor and Wages.....9085
Entomology.....7689-8167	Distribution, etc....8540	Agriculture - Situation, Policies, and Pro- grams.....9103
General - Economic....7705	Grading, etc.....8556	Agriculture, Post- war.....9166
Apiculture and Apis	Prices, etc.....8567	Subsidies.....9169
Mellifera.....7763	Processing and Stor- age.....8569	Cost and Standard of Living.....9171
Colony Management....7836	Feed and Forage Crops..8589	Farm Management and Land Economics.....9173
Arachnida, Myriapoda, Etc.....7881	Fibers and Textiles....8600	Bookkeeping and Records.. 9219
Coleoptera.....7915	Fruits, Vegetables, and Nuts.....8680	Cost of Production...9220
Diptera.....7975	Analysis and Composi- tion.....8709	Land Settlement and Colonization.....9227
Culicidae.....8021	Consumption and Utiliza- tion.....8713	Land Tenure.....9245
Hemiptera (Heteroptera and Homoptera).....8044	Distribution, etc....8716	Land Utilization....9256
Hymenoptera.....8071	Grading, etc.....8731	Land Values and Valua- tion.....9261
Lepidoptera.....8088	Packing and Packaging.... 8737	Population.....9265
Orthoptera.....8132	Prices, etc.....8738	Rural Social Organiza- tion.....9275
Sericulture and the Silkworm.....8141	Processing and Stor- age.....8744	Human Ecology.....9276
Smaller Orders.....8143	Statistics.....8774	Institutions.....9279
Anoplura and Mallophaga.. 8157	Grain and Grain Prod- ucts.....8775	Rural Organizations and Movements.....9325
Agricultural Engineering..... 8168-8362	Honey and Beeswax.....8824	Rural Social Psychology.... 9359
Farm Machinery.....8183	Livestock and Livestock Products.....8827	Trade, Foreign and Inter- national.....9360
Tillage Machinery....8217	Consumption and Utili- zation.....8858	Food and Human Nutrition.... 9377-9474
Planting Machines and Fertilizer Distrib- utors.....8221	Distribution, etc....8859	Food Habits.....9398
Harvesting, Threshing, Drying, and Processing Equipment.....8222	Grading, etc.....8867	Nutritive and Vitamin Content.....9402
Trucks, Tractors, and Other Farm Power (In- cluding Fuels).....8265	Prices, etc.....8878	Miscellaneous.....9475-9526
Farm Structures.....8284	Processing and Stor- age.....8881	History and Biography..9487
Farmhouses.....8288	Statistics.....8889	Inter-American Relations... 9507
Service Buildings....8302	Oils and Oilseeds.....8891	Meteorology.....9508
Storage Structures...8334	Poultry and Poultry Products.....8920	Research.....9511
Farm Utilities.....8344	Rubber and Rubber Sub- stitutes.....8951	Statistics.....9517
Materials and Methods.... 8359	Seeds.....8955	New Periodicals and Serials.....9523
Agricultural Products: Processing, Distribution, and Statistics....8363-9032		AUTHOR AND SUBJECT INDEXES.
Analysis and Composi- tion.....8388		
Consumption and Utiliza- tion.....8391		

U. S. D. A. Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B. - Bulletin; C. - Circular; J. - Journal; P. - Publication; Q. - Quarterly; U. - University; U. S. D. A. - U. S. Department of Agriculture; Ybk. - Yearbook; Z. - Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture, which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

MICROFILMS: 50 cents for any single article, from any single volume of a periodical. Books and Serial Publications.--50 cents for each 50 pages or fraction thereof.

PHOTOPRINTS: 50 cents for each 10 pages of text or fraction thereof.



PUBLICATIONS OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS, STATE AGRICULTURAL EXTENSION SERVICES, AND BOOKS AND PAMPHLETS FROM OTHER SOURCES

U. S. D. A. PUBLICATIONS

Includes printed and processed publications of the Department received in the library during the preceding month, except war-restricted publications and materials issued for internal administrative use rather than for public distribution.

Periodicals issued by the Department are listed in the June and December issues only; articles in them are indexed currently.

Printed publications may be obtained free upon application to the Office of Information, United States Department of Agriculture, Washington 25, D. C., as long as the Department's supply lasts. After this free distribution is exhausted, publications may be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Processed publications may ordinarily be obtained free of charge from the issuing bureau as long as the supply lasts.

Publications preceded by an asterisk (\*) are not available for distribution; microfilm or photoprint copies can be supplied at the cost of preparing them.

Agricultural Information Series

5329 BETTER management on Southern Coastal forest ranges. U. S. D. A. AIS-17, 12 p. 1945. 1 Ag84A1

5330 FARMERS look at post-war prospects. U. S. D. A. AIS-20, 20 p. 1945. 1 Ag84A1

Contents: How many farmers after the war? Will we have a land boom? What will postwar farm incomes be? Will crop controls be necessary? How will farmers spend their money? Will a public works program be needed? What rural health facilities after the war? What rural school facilities after the war?

5331 FOOD for two. U. S. D. A. AIS-21. Folder. 1945. 1 Ag84A1

Weekly plan; how much to buy; cost; menus.

5332 MAKING Velva fruit at home. U. S. D. A. AIS-22, 8-p. folder. 1945. 1 Ag84A1

Agricultural War Information

5333 FAMILY food plans for good nutrition. U. S. D. A. AWI-78, slightly rev., 16-p. folder. 1945. 1 Ag84Aw

5334 TAKE care of pressure canners. U. S. D. A. AWI-65, rev., 16-p. folder. 1945. 1 Ag84Aw

5335 A WAR job (fat salvage) in your own home. U. S. D. A. AWI-114, slightly rev., 6-p. folder. 1945. 1 Ag84Aw

Bibliographical Bulletins

5336 BIBLIOGRAPHY on dehydration of foods, 1938-43. U. S. D. A. Bibliog. B. 6, 120 p. 1945. 1 Ag84B1

Circulars

5337 ANDERSON, W. S., and others. Regional studies of time of planting and hill spacing of sweet potatoes. U. S. D. A. C. 725, 20 p. 1945. 1 Ag84C

H. L. Cochran, J. B. Edmond, O. B. Garrison, R. E. Wright, and V. R. Boswell, joint authors.

Agricultural Experiment Stations of Mississippi, Georgia, South Carolina, and Texas cooperating.

5338 BENGSTON, J. S. Preparation of pathological specimens from animal tissues and their mounting under watch glasses. U. S. D. A. C. 454, slightly rev., 12 p. 1945. 1 Ag84C

5339 COTTON, R. T., FRANKENFELD, J. C., and DEAN, G. A. Controlling insects in flour mills. U. S. D. A. C. 720, 75 p. 1945. 1 Ag84C

5340 SKINNER, J. J. Use of commercial fertilizers in cotton production. U. S. D. A. C. 726, 26 p. 1945. 1 Ag84C

Discussion Series

5341 LET'S talk about . . . timber supplies. 6 p. 1945. (DS-26) 1 Ag86Ds

A discussion guide on the question of public regulation of timber-cutting practices to make sure of permanent supplies of wood.

Farmers' Bulletins

5342 ASHBY, W., and GLAVES, A. H. Plowing with moldboard plows. U. S. D. A. Farmers' B. 1690, rev., 24 p. 1945. 1 Ag84F

5343 CHRISTIE, J. W. Grading wool. U. S. D. A. Farmers' B. 1805, slightly rev., 24 p. 1945. 1 Ag84F

The wool-growing industry; imports; quality; grades; classification by regions; wool grading and the farmer; official standards for grades of wool.

5344 FOWLER, M. E., GRAVATT, G. F., and THOMPSON, A. R. Reducing damage to trees from construction work. U. S. D. A. Farmers' B. 1967, 26 p. 1945. 1 Ag84F

5345 SAFE use and storage of gasoline and kerosene on the farm. U. S. D. A. Farmers' B. 1678, rev., 14 p. 1945. 1 Ag84F

Leaflets

5346 COMMUNITY forests for rural people. U. S. D. A. Leaflet 244, 8 p. 1945. 1 Ag84L

Provides a place for social or business purposes and for recreation. Includes plan to establish a county 4-H forest.

Miscellaneous Publications

5347 JOHNDRUE, O. F. Reducing damage to eggs and egg cases. U. S. D. A. Misc. P. 564, 24 p. 1945. 1 Ag84M

5348 WHAT peace can mean to American farmers; post-war agriculture and employment. U. S. D. A. Misc. P. 562, 28 p. 1945. 1 Ag84M

Radio Broadcasts (Processed)

5349 ASHER, J., HALL, R., and KADDERLY, W. L. Electricity for postwar farming. 4 p. Recorded Jan. 16, 1945. (Agr. After the War No. 7) 1.914 R2Ag8

Transcribed statements by F. B. Northrup on repair of farm machinery and re-use of containers are attached.

5350 AUCHTER, E. C., MOORE, E., and DUMARS, M. L. High lights of recent farm research. 6 p. Recorded Dec. 20, 1944. (Farm Sci. Serves the Nation No. 5) 1.914 R2F222

Script by J. Hemphill.

5351 CAIRNS, A., SCHWENGER, R. B., and KADDERLY, W. L. Selling farm products abroad after the war. 4 p. Recorded Dec. 19, 1944. (Agr. After the War No. 5) 1.914 R2Ag8

5352 MOORE, E., and DUMARS, M. L. The battle against the weeds. 3 p. Recorded May 22, 1945. (Farm Sci. Serves the Nation No. 16) 1.914 R2F222

5353 MOORE, E., and DUMARS, M. L. The conquest of brucellosis (Bang's disease). 7 p. Recorded Jan. 30, 1945. (Farm Sci. Serves the Nation No. 8) 1.914 R2F222

Script by J. Hemphill.

5354 MOORE, E., and DUMARS, M. L. How science has improved the sugar beet. 6 p. Recorded Feb. 13, 1945. (Farm Sci. Serves the Nation No. 9) 1.914 R2F222

Script by J. Hemphill.

5355 MOORE, E., and DUMARS, M. L. Man against the bugs. 5 p. Recorded Mar. 13, 1945. (Farm Sci. Serves the Nation No. 11) 1.914 R2F222

Script by J. Hemphill.



5428 WHEAT and small grain harvest in the Plains States. 2 p., processed. n. d. 1.913 E2W562  
Information and map. Includes acreage and date harvest usually begins.

## FARM CREDIT ADMINISTRATION

5429 HULBERT, L. S. Summary of cases relating to farmers' cooperative associations. U. S. Farm Credit Admin. Coop. Res. and Serv. Div. Sum. 26, 20 p., processed. 1945. 1.955 C2Su7

## FARM SECURITY ADMINISTRATION

5430 SECTIONAL variations in the status of the active standard RR [rural rehabilitation; family in 1943. 17 p., processed. 1945. (1943 Family Progress Rpt. Release No. 9) 1.95 F21

## FOREST SERVICE

5431 ASHLEY National Forest, Utah and Wyoming. Map. 1945. Map case 1 F765Ma

5432 ERICKSON, E. C. O.; and BOLLER, K. H. Strength and related properties of Forest Products Laboratory laminated paper plastic (papreg) at normal temperature. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1319, rev., 29 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

5433 FOREST Service films available on loan for educational purposes. 13 p., processed. 1945. 1.962 A2F76

5434 HASEL, A. A. The Blacks Mountain [Experimental Forest; portable log loader. U. S. Forest Serv. Calif. Forest and Range Expt. Sta. Forest Res. Notes 43, 6 p. Berkeley, Calif., 1945. 1.9 F7626R

5435 LOTTI, T., and TODD, A. S. South Carolina forest growth and drain, 1936-1943; a forest survey progress report. U. S. Forest Serv. Appalachian Forest Expt. Sta. Forest Survey Release No. 20, 42 p., processed. Asheville, N. C., 1945. 1.9622 A3F76

5436 MATERIAL of interest to teachers. 7 p., processed. 1945. (K - 28) 1.9 F76Mt

Forest Service publications which may be useful in organized recreation work, 4-H Club projects, activities of Boy Scouts, and other similar groups.

5437 NATIONAL forest fire report, calendar year 1944. 50 p., processed. n. d. 1.962 A2N212

5438 NINTH annual report of the Rocky Mountain Forest and Range Experiment Station. 48 p., processed. Fort Collins, Colo., 1944. 1.9 F7627A

Research highlights; range, watershed, and forest management.

5439 OLSON, W. Z. Effect of moisture content of wood on joint strength in gluing birch veneer and maple lumber with room-temperature-setting and intermediate-temperature-setting phenol, resorcinol, and melamine glues. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1534, 9 p. Madison, Wis., 1945. 1.9 F761R

U. S. Army-Navy-Civil Committee on Aircraft Design Criteria and Wisconsin University cooperating.

5440 OLSON, W. Z., and COHODAS, L. Stability of low-temperature-setting phenol, resorcinol, and melamine resin adhesives stored at 80° F. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1532, 8 p. Madison, Wis., 1945. 1.9 F761R

U. S. Army-Navy-Civil Committee on Aircraft Design Criteria and Wisconsin University cooperating.

5441 OSCEOLA National Forest, Florida. Map. 1945. Map case 1 F765Ma

5442 RETTIE, J. C. Putting fuel sawdust in customer's basement. U. S. Forest Serv. Northeast. Forest Expt. Sta. Forest Prod. Note 1, 2 p., processed. Philadelphia, 1945. 1.9622 N2F76

To be used in specially-equipped basement furnaces.

5443 SIMMONDS, F. A. A mill-trial comparison of asphalt-sized, wet-strengthened and nonwet-strengthened cylinder chipboard. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1480, 5 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

To determine and compare the quality of chipboard made from mixed papers.

5444 STAMM, A. J. Possible uses of improved woods and wood-base plastics in the furniture industry. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1482, 4 p. Madison, Wis., 1944. 1.9 F761R  
Wisconsin University cooperating.

## INFORMATION, OFFICE OF

5445 CHECK list of materials on post-war agriculture as of June 1, 1945. 10 p., processed. 1945. 1.914 A2C41

5446 FOOD information series. 1 No., processed. 1945. 1.914 A5F733

No. 101. Safe use of insecticides. 2 p. May 7.

5447 HARDING, T. S. Condensed history of the U. S. Department of Agriculture. Rev., 14 p., processed. May 1, 1945. (Rpt. No. 4) 1.90 A2Un32

Lecture delivered before various USDA Clubs of Department employees.

5448 HARDING, T. S. Department of Agriculture - - - War Food Administration and constituent agencies. Rev., 65 p., processed. June 10, 1945. (Rpt. No. 2) 1.90 A2Un32

5449 MOTION picture films of the United States Department of Agriculture distributed in the State of Pennsylvania by the Pennsylvania College for Women. 2 p., processed. 1945. 1.913 M3M85

## MARKETING SERVICES, OFFICE OF

5450 CARLOT shipments of fruits and vegetables ...during 1944. 15 Nos., processed. 1945. 1.9 Ec741Car

Alabama, 4 p.; Arizona, 7 p.; Connecticut, 2 p.; Illinois, 7 p.; Iowa, 3 p.; Maine, 4 p.; Massachusetts, 4 p.; Nevada, 2 p.; New Jersey, 6 p.; New Mexico, 3 p.; North Carolina, 10 p.; Rhode Island, 2 p.; South Dakota, 2 p.; Utah, 7 p.; Vermont, 1 p.

5451 COMPILATION of Order No. 27, as amended, regulating the handling of milk in the New York metropolitan marketing area. 23 p. n. d. 1.4 Ad470

5452 DAIRY and poultry market statistics, 1944. 61 p., processed. 1945. (CS-13) 1.9422 A8C732

5453 FROZEN dairy foods and mix: War Food Order No. 8. Rev., 4 p., processed. 1945. 1 F733F  
Questions and answers.

5454 LIGHT air-cured tobacco market review, 1944-45 season. 34 p., processed. 1945. 1.9 Ec714T

5455 RESULTS of fiber and spinning tests for some varieties of upland cotton grown in the United States, crop of 1944. 21 p., processed. 1945. 1.9422 C8R3

Varieties and strains limited to those now in commercial production and to selections that are expected to go into production in the near future.

Additional tables (4 p.) contain test results of other upland cotton. 1.9422 C2R31

5456 STATEMENT relating to wartime dairy programs. 12 p., processed. 1945. 1.9422 D2St2  
Objectives and achievements.

5457 STITTS, T. G. The wartime dairy program. 2 p., processed. 1945. 1.955 C2St5  
Submitted to Special House Committee on Food, June 4, 1945.

5458 [SUGAR Determination.] 5 Nos. 1945. 1.94 Su3Sd

S. D. 207. Determination of fair and reasonable prices for 1945 crop of Virgin Islands sugarcane. 1 p. Feb. 20.

S. D. 208. Determination of fair and reasonable wage rates for persons employed in production, cultivation, or harvesting of sugarcane in Hawaii during the calendar year 1945. 1 p. Feb. 26.

S. D. 209. Determination of farming practices in connection with production of sugar beets. 1 p. Mar. 3.

S. D. 210. Determination of fair and reasonable wage rates for 1945 crop of sugar beets. 4 p. Mar. 16.

S. D. 211. Determination of fair and reasonable wage rates for production and cultivation of sugarcane in Louisiana during the calendar year 1945. 2 p. May 5.



5459 THOMAS, A. L. Marketing western and central New York ...[fruits and vegetables], summary of the 1944-45 season. 6 Nos., processed. Rochester, N. Y., 1945. 1.9 Ec741L

New York State Department of Agriculture and Markets, Bureau of Markets cooperating.

Apples, 15 p.; cabbage, 12 p.; carrots, 6 p.; onions, 9 p.; potatoes, 12 p.; tomatoes (green wrap), summary of the 1944 season, 6 p. Include statistics on production, shipments, and prices.

5460 THOMAS, A. L. Marketing western New York ...[fruits and vegetables], summary of the 1944 season. 3 Nos., processed. Rochester, N. Y., 1945. 1.9 Ec741L

New York State Department of Agriculture and Markets, Bureau of Markets cooperating.

Celery, 8 p.; peaches, 7 p.; pears, 10 p. Include statistics on production, shipments, and prices.

#### PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, BUREAU OF

5461 ENGLERTH, G. H., and HANSBROUGH, J. R. The significance of the discolorations in aircraft lumber: noble fir and western hemlock. U. S. Bur. Plant Indus., Soils, and Agr. Engin. Forest Path. Spec. Release 24, 15 p. Madison, Wis., 1945. 1.965 F3F76

U. S. Forest Service, Forest Products Laboratory cooperating.

#### RURAL ELECTRIFICATION ADMINISTRATION

5462 BUILD a hay-drier for your barn. 5 p. St. Louis, n. d. 1 R88B

Advantages; building instructions.

5463 ELECTRICITY comes to rural America. 24 p. St. Louis, n. d. 1 R88E

5464 ELECTRIFIED farms for the G. I.'s. 4 p. St. Louis, n. d. 1 R88Elg

Includes a list of typical equipment and average KWH consumption.

5465 IT'S SMART to play safe. 4 p. St. Louis, 1944. 1 R88I

Ways to insure the safe use of electricity on the farm.

5466 MORE power to your dairying. 4 p. St. Louis, n. d. 1 R88Mo

Electric dairy equipment.

5467 MORE power to your poultry raising. 4 p. St. Louis, n. d. 1 R88Mop

Electrical equipment and its value to poultry producers.

5468 PLANNING your farm water system. 4 p. St. Louis, n. d. 1 R88PL

5469 YOU CAN make these electrical repairs. 4 p. St. Louis, n. d. 1 R88Y

5470 YOU'LL want an electrified farm. 4 p. St. Louis, n. d. 1 R88Yo

#### SECRETARY, OFFICE OF

5471 WICKARD, C. R. Statement...before the Federal Power Sub-committee of the House...Interstate and Foreign Commerce Committee, June 13, 1945. 2 p., processed. 1945. 1.91 A2W63

In support of legislation to complete the task of electrifying rural America.

5472 WICKARD, C. R. Statement...[on the] meat situation. 1 p., processed. 1945. 1.91 A2W63

Additional information attached covers the Turkey Procurement Program for 1945; packers' pepper quotas; allocations of dairy products; national food situation; food facts.

#### SOIL CONSERVATION SERVICE

5473 ALBERT, A. R. Yields of clover and timothy, and alfalfa in relation to distance from shelter belts and snow fences. U. S. Soil Conserv. Serv. Upper Miss. Region Tech. Note 29, 2 p., processed. Milwaukee, Wis., 1945. 1.9605 T22

Observations at the Hancock Experiment Farm, Hancock, Wis.

5474 BEES, seed production and soil conservation. U. S. Soil Conserv. Serv. Upper Miss. Region Tech. Note 30, 2 p., processed. Milwaukee, Wis., 1945. 1.9605 T22

Insect pollination to insure profitable seed yields.

5475 BONSTEEL, J. A., and SIMPSON, G. A. Physical land conditions in Washington County, Minnesota. U. S. Soil Conserv. Serv. Physical Land Survey 36, 42 p. 1944. 1.6 So31

Based on a soil conservation survey.

5476 FOLIAGE key to the common hardwood trees and conifers of Region III [Upper Mississippi]. 9 p., processed. Milwaukee, Wis., 1945. 1.9605 F71

#### SUPPLY, OFFICE OF

5477 COMMENTS on the Fat Salvage Program. 3 p., processed. 1945. 1.957 Su7F263

5478 DIRECTIONS for canning apples, applesauce, and carrots. 4 p., processed. n. d. 1.957 Su7D62

5479 DIRECTIONS for canning beets. 2 p., processed. n. d. 1.957 Su7D62B

5480 DIRECTIONS for canning carrots. 1 p., processed. n. d. 1.957 Su7D62C

5481 TURN in used fats. Poster. n. d. 1.9422 Fa2In7

5482 2 RED points for every pound of used fats. Card poster. n. d. 1.9422 Fa2In7

#### WAR FOOD ADMINISTRATION

5483 THE ANNUAL report of the Farm Security Administration, 1943-4. 14 p., processed. n. d. 1 Ag84; also 1.5 R29

5484 JONES, M. Dairy production miracle. 2 p., processed. 1945. 1.9424 A2J72

5485 JONES, M. Statement...on 1945 Crop Cotton Purchase Program. 1 p., processed. 1945. 1.9424 A2J72

5486 JONES, M. War food facts. 5 p., processed. 1945. 1.9424 A2J72

Radio talk, June 16, 1945.

5487 WAR FOOD Order. 43 Nos. 1945. 1 F733F WFO 1, amend. 14. Manufacture and distribution of bakery products. 2 p. May 8.

WFO 2-10. Butter...Percentages...to be set aside. 1 p. May 17.

WFO 4-7, amend. 6. 1944 crop flue cured tobacco. 1 p. May 10.

WFO 8, amend. 9. Dairy products; frozen dairy foods and mix. [Restrictions on production.] 1 p. May 15.

WFO 15-16. Cheddar cheese...Percentage...to be set aside. 1 p. May 17; also WFO 15-17 issued June 20.

WFO 22-8, amend. 1. Canned fruits, and canned fruit juices, required to be set aside during 1945. 1 p. June 18; also amendment 2 regarding levels for canned apricots, pineapple, and pineapple juice. 1 p. June 20.

WFO 22-9, amend. 1. Canned vegetables, and canned vegetable juices, required to be set aside during 1945. 1 p. May 18.

WFO 42, amend. 15. Fats and oils; reduction of quotas. 1 p. May 3; also WFO 42b, amend. 5, issued on May 3.

WFO 44, amend. 9. Restrictions on 1945 pack of canned fish. 1 p. May 16.

WFO 54-4, amend. 9. Dairy products; dried skim milk. 1 p. May 19.

WFO 56, amend. 2. Delegation of authority to Office of Price Administration with respect to food rationing. 1 p. June 16.

WFO 66, amend. 9. Malted grains, malt syrup, rice, hops, and hop products...restrictions on use and delivery. 3 p. Apr. 30; also amend. 10, issued June 4.

WFO 69, amend. 2. Fruit for alcoholic purposes...restrictions relative to the use of fruit. 2 p. Apr. 25; also WFO 69, amend. 6, issued June 19; WFO-69-1, 69-2 Termination. [Removing dates, pineapples, prunes, and gooseberries from the list of fruits and berries restricted from use in the production of alcoholic products.] 1 p. June 19.



WFO 74, amend. 4. General regulations; licensed ship suppliers permitted to buy set-aside and restricted food. 3 p. May 17.

WFO 75-2, amend. 22. Livestock and meats; beef required to be set aside. 2 p. Apr. 27; also WFO 75-2, amend. 23, issued May 15; WFO 75-2, amend. 24, issued June 1; WFO 75-2, amend. 25, issued June 1, with similar titles; WFO 75-3, amend. 14. Pork set aside. 1 p. May 16; WFO 75-3, amend. 16, issued June 26;

WFO 75-4, amend. 1. Veal set aside reduction. 1 p. June 26; WFO 75-5, amend. 2. Lamb set aside reduction. 1 p. June 27.

WFO 78-2. Procedural regulation; issuance by Director of Supply of orders resulting from violations of priority or allocation orders. 3 p. May 14.

WFO 92-2. Cheese and cheese foods...restrictions on production. 1 p. Apr. 24.

WFO 109, as amended. Termination. Soluble coffee and soluble coffee products. 1 p. May 31.

WFO 119-1. Poultry and processed poultry. [Extending the set aside order.] 1 p. May 5.

WFO 120-1, amend. 4. Irish potatoes. [Shipping restrictions in certain areas.] 1 p. May 14; also WFO 120-2, restrictions in Aroostook County, Maine, 1 p. May 21; WFO 120-6, specifications relative to territorial scope. 1 p. June 2; WFO 120-6, amend. 1, restrictions removed in four North Carolina counties. 1 p. June 22.

WFO 121. Apples. [Termination of order setting aside apples produced in Washington and Oregon.] 1 p. May 1.

WFO 123, amend. 2. Delegation of authority to Office of Price Administration with respect to slaughter of livestock. 1 p. May 3.

WFO 125, amend. 3. Poultry. [Canned, regulations.] 1 p. May 2.

WFO 129, amend. 1. Fats and oils; stearic acid... inventory restrictions. 1 p. May 17.

WFO 131 and 131-1. Sugar: distribution of direct consumption sugar; quotas for direct consumption. 3 p. June 12.

WFO 133. Red sour cherries of the 1945 crop. 2 p. June 18.

WFO 136. Fats and oils; tall oil. 2 p. June 27.



STATE AGRICULTURAL EXPERIMENT STATION PUBLICATIONS

August 1945

Includes State Agricultural Experiment Station publications received in the library during the preceding month. Articles in Station periodicals containing more than one article in the issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Experiment Stations are not available from U. S. Department of Agriculture but are often available from the publishing State agricultural experiment station.

Mimeographed or processed material issued by the State Agricultural Experiment Stations is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

California Agricultural Experiment Station, Berkeley

5488 ALLEN, F. W., and DAVEY, A. E. Hormone sprays and their effect upon the keeping quality of Bartlett pears. Calif. Agr. Expt. Sta. B. 692, 45 p. 1945. 100 C12S

Colorado Agricultural Experiment Station, Fort Collins

5489 BROWN, L. A., and others. Land types in eastern Colorado. Colo. Agr. Expt. Sta. B. 486, 45 p. 1944. 100 C71S

D. S. Romine, R. T. Burdick, and A. Kezer, joint authors.

Two maps in pocket: land types and climatic zones.

Florida Agricultural Experiment Station, Gainesville

5490 PHILLIPS, A. M., and COLE, J. R. Insects and diseases of the pecan in Florida. Fla. Agr. Expt. Sta. B. 411, 62 p. 1945. 100 F66S

5491 ANNUAL report of the Florida Agricultural Experiment Station for the fiscal year ending June 30, 1944. 214 p. 1945. 100 F66S

Idaho Agricultural Experiment Station, Moscow

5492 THEOPHILUS, D. R., and others. Vitamin A potency of Idaho butter. Idaho. Agr. Expt. Sta. C. 102, 4 p. 1945. 100 Id1

O. E. Stamberg, D. W. Bolin, and H. C. Hansen, joint authors.

5493 SHULL, W. E., and others. Hog lice control. Idaho. Agr. Expt. Sta. C. 103, 7 p. 1945. 100 Id1

G. C. Holm, W. M. Beeson, and H. C. Manis, joint authors.

Illinois Agricultural Experiment Station, Urbana

5494 PRODUCTION adjustment in Illinois agriculture: a review and reappraisal of the wartime production capacity of Illinois agriculture for 1945. Ill. Agr. Expt. Sta. AE2218, 22 p., processed. 1944. 275.29 1162P

Kansas Agricultural Experiment Station, Manhattan

5495 OTTO, M. L. Inter-relationships among farms in a community. Kans. Agr. Expt. Sta. C. 229. 32 p. 1945. 100 K13S

Kansas community.

5496 FARRELL, F. D. Kansas rural institutions. I. The Fort Hays Branch Experiment Station. Kans. Agr. Expt. Sta. C. 231, 18 p. 1945. 100 K13S

5497 REITZ, L. P. Kernel characteristics of Kansas winter wheat varieties. Kans. Agr. Expt. Sta. Rpt. 2, 24 p. 1945. 100 K13S

Kentucky Agricultural Experiment Station, Lexington

5498 JEWETT, H. H. Life history of the wireworm, *Conoderus bellus* (Say). Ky. Agr. Expt. Sta. B. 472, 8 p. 1945. 100 K41

5499 TOWNSEND, L. H. Literature of the black carpenter ant, *Camponotus herculeanus pennsylvanicus* (Degeer.): a bibliography with abstracts. Ky. Agr. Expt. Sta. C. 59, 27 p. 1945. 100 K41

5500 FIFTY-SEVENTH annual report of the Kentucky Agricultural Experiment Station for the year 1944. 68 p. 1945. 100 K41

Massachusetts Agricultural Experiment Station, Amherst

5501 BAILEY, J. S. The beach plum [*Prunus maritima*] in Massachusetts. Mass. Agr. Expt. Sta. B. 422, 16 p. 1944. 100 M38H

5502 GUNNESS, C. I. Meteorological observations for March, April 1945. Mass. Agr. Expt. Sta. Met. Ser. B. 675, 676, 4 p. each. 1945. 100 M38H

Michigan Agricultural Experiment Station, East Lansing

5503 ETCHELLS, J. L., FABIAN, F. W., and JONES, I. D. The *Aerobacter* fermentation of cucumbers during salting. Mich. Agr. Expt. Sta. Tech. B. 200, 56 p. 1945. Ref., p. 55-56. 100 M58S

5504 QUARTERLY bulletin, v. 27, No. 4, p. 377-442. May 1945. 100 M58S

Minnesota Agricultural Experiment Station, University Farm, St. Paul

5505 KNUTSON, H. Minnesota Phalaenidae (Noctuidae): the seasonal history and economic importance of the more common and destructive species. Minn. Agr. Expt. Sta. Tech. B. 165, 128 p. 1944. 100 M66

5506 COULTER, S. T., and JENNES, R. Packing dry-whole milk in inert gas. Minn. Agr. Expt. Sta. Tech. B. 167, 32 p. 1945. 100 M66

Mississippi Agricultural Experiment Station, State College

5507 PARVIN, D. W. Livestock auctions in Mississippi. Miss. Agr. Expt. Sta. B. 400, 87 p. 1944. 100 M69

5508 PITNER, J. Soil fertility practices for cotton production: Gary Field, Money, Mississippi. Miss. Agr. Expt. Sta. Serv. Sheet 381, 1 p. 1944. 100 M69

5509 PITNER, J. Commercial nitrogen and winter legumes for cotton production: Heathman Field. Miss. Agr. Expt. Sta. Serv. Sheet 382, 1 p. 1944. 100 M69

5510 PITNER, J. Ordinary and deep application of fertilizer for corn, Delta Station, 1942-1944. Miss. Agr. Expt. Sta. Serv. Sheet 383, 1 p. 1945. 100 M69

5511 GULL, P. W., BAGGETTE, T. L., and ADAMS, J. E. Developments in mechanization in 1944. Miss. Agr. Expt. Sta. Serv. Sheet 384, 1 p. 1945. 100 M69

5512 PITNER, J. Commercial fertilizers and winter legumes for cotton production: Schaefer Field, Yazoo City, Mississippi. Miss. Agr. Expt. Sta. Serv. Sheet 386, 2 p. 1945. 100 M69

5513 PITNER, J. Commercial nitrogen for corn, Delta Station, 1921-1944. Miss. Agr. Expt. Sta. Serv. Sheet 387, 1 p. 1945. 100 M69

5514 PITNER, J. Commercial nitrogen for cotton Delta Station, 1921-1944. Miss. Agr. Expt. Sta. Serv. Sheet 388, 1 p. 1945. 100 M69

5515 FARISH, L. R. Peach variety studies, 1944. Miss. Agr. Expt. Sta. Serv. Sheet 390, 2 p. 1945. 100 M69

5516 WHEN should bur clover be turned under? Delta Station, 1939-44. Miss. Agr. Expt. Sta. Serv. Sheet 391, 1 p. 1945. 100 M69

5517 PITNER, J. Increase oat yields with nitrogen. Miss. Agr. Expt. Sta. Serv. Sheet 392, 1 p. 1945. 100 M69

5518 PITNER, J. Summer legumes and corn production: Delta Station, 1944. Miss. Agr. Expt. Sta. Serv. Sheet 393, 1 p. 1945. 100 M69



- 5519 SOYBEAN variety tests in the Yazoo-Mississippi Delta, 1944. Miss. Agr. Expt. Sta. Serv. Sheet 397, 2 p. 1945. 100 M69
- Missouri Agricultural Experiment Station, Columbia
- 5520 BROWN, E. M., and EELM, C. A. Report of crop and pasture experiments at Lathrop in northwest Missouri, 1940-1944. Mo. Agr. Expt. Sta. B. 486, 19 p. 1945. 100 M693
- U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering cooperating.
- 5521 POEHLMAN, J. M., and BOWMAN, F. The production of quality in Missouri soft wheat. Mo. Agr. Expt. Sta. B. 487, 15 p. 1945. 100 M693
- 5522 WHITESIDE, E. P., and MARSHALL, C. E. Mineralogical and chemical studies of the Putnam silt loam soil. Mo. Agr. Expt. Sta. Res. B. 386, 48 p. 1944. Ref., p. 45-48. 100 M693
- 5523 HASEMAN, J. F., and MARSHALL, C. E. The use of heavy minerals in studies of the origin and development of soils. Mo. Agr. Expt. Sta. Res. B. 387, 75 p. 1945. Ref., p. 72-75. 100 M693
- 5524 GARRISON, E. R. Sources of *Oospora lactis* on dairy farms. Mo. Agr. Expt. Sta. Res. B. 388, 15 p. 1945. Ref., p. 14-15. 100 M693
- 5525 HAAG, H. M. Income, expenses and savings of local cooperative associations. Mo. Agr. Expt. Sta. Res. B. 389, 30 p. 1945. 100 M693
- 5526 KING, B. M. Soybean seed production in Missouri. Mo. Agr. Expt. Sta. C. 300, 11 p. 1945. 100 M693
- 5527 WITTWER, S. H., and HIBBARD, A. D. Growing fall potatoes. Mo. Agr. Expt. Sta. C. 301, 4 p. 1945. 100 M693
- 5528 AVAILABLE publications, Agricultural Experiment Station and Agricultural Extension Service. Mo. Agr. Expt. Sta. Serv. C. 114, 8 p. 1945. 100 M693Se
- Montana Agricultural Experiment Station, Bozeman
- 5529 HASTINGS, S. H., and HANSEN, D. Subsoil water investigations at the Huntley Branch Station. Mont. Agr. Expt. Sta. B. 428, 26 p. 1945. 100 M76
- 5530 POST, A. H., and LITZENBERGER, S. C. Flaxseed production in Montana. Mont. Agr. Expt. Sta. B. 429, 14 p. 1945. 100 M76
- 5531 LITZENBERGER, S. C., POST, A. H., and BINGHAM, G. H. Controlling broad-leaved annual and biennial weeds with Sinox. Mont. Agr. Expt. Sta. B. 430, 17 p. 1945. 100 M76
- Nebraska Agricultural Experiment Station, Lincoln
- 5532 YUNG, F. D. A 3-zone farm refrigerator. Nebr. Agr. Expt. Sta. Agr. Engin. Prog. Rpt. 11, 5 p., processed. 1945. 100 N27A
- Nevada Agricultural Experiment Station, Reno
- 5533 HEADLEY, F. B., and HARTLEY, M. Factors influencing net income of farmers. Nev. Agr. Expt. Sta. Farm Managt. B., v. 6, No. 3, 6 p., processed. 1945. 100 N414F
- New Mexico Agricultural Experiment Station, State College
- 5534 LEDING, A. R., and LYTTON, L. R. Cotton variety tests in the Rio Grande Valley of New Mexico, 1940-1943. N. Mex. Agr. Expt. Sta. B. 319, 16 p. 1944. 100 N465
- 5535 CARTER, J., JR. Field crop experiments at Las Vegas, New Mexico, 1937-1944. N. Mex. Agr. Expt. Sta. B. 321, 11 p. 1945. 100 N465
- 5536 BELL, T. D. Breeding studies in Rambouillet ewes and rams. N. Mex. Agr. Expt. Sta. Press B. 1003, 2 p., processed. 1945. 100 N465
- New York (Cornell) Agricultural Experiment Station, Ithaca
- 5537 CUNNINGHAM, L. C. The cost of producing milk, 1942-43. N. Y. (Cornell) Agr. Expt. Sta. B. 818, 14 p. 1945. 100 N48C
- 5538 BENNETT, K. R. Factors that affect prices of feedstuffs in New York State. N. Y. (Cornell) Agr. Expt. Sta. Mem. 255, 142 p. 1944. 100 N48C
- New York (State) Agricultural Experiment Station, Geneva
- 5539 FARM research, v. 11, No. 3, 16 p. July 1, 1945. 100 N48A
- North Carolina Agricultural Experiment Station, State College Station, Raleigh
- 5540 MAYO, S. C. The foreign-born white population in North Carolina. N. C. Agr. Expt. Sta. Prog. Rpt. RS 3, 9 p., processed. 1944. 100 N81P
- 5541 RESEARCH and farming, v. 3, No. 3, 12 p. Apr. 1945. 100 N81R
- Ohio Agricultural Experiment Station, Wooster
- 5542 YODER, R. E. Fertilizers in the farm production program. Ohio. Agr. Expt. Sta. Agron. Mimeog. 91, 13 p. 1944. 100 Oh32
- 5543 YODER, R. E. Results of agronomic research on the use of lime and fertilizers in Ohio. Ohio. Agr. Expt. Sta. Agron. Mimeog. 96, 18 p. 1944. 100 Oh32
- Oklahoma Agricultural Experiment Station, Stillwater
- 5544 BAUMGARTNER, F. M. Control of injurious birds. Okla. Agr. Expt. Sta. Mimeog. C. M-132, 7 p. 1945. 100 Ok4M
- 5545 DANIEL, H. A., ELWELL, H. M., and COX, M. B. Conservation and land use investigations at the Red Plains Conservation Experiment Station, Guthrie, Oklahoma, and the Wheatland Conservation Experiment Station, Cherokee, Oklahoma. Okla. Agr. Expt. Sta. Mimeog. C. M-139, 14 p. 1945. 100 Ok4M
- 5546 CHESTER, K. S. Elm diseases in Oklahoma. Okla. Agr. Expt. Sta. Mimeog. C. M-144, 3 p. 1945. 100 Ok4M
- 5547 REIDER, R. Inhibition of oxidation of ascorbic acid by certain vegetable extracts (Progress report). Okla. Agr. Expt. Sta. Mimeog. C. M-145, 7 p. 1945. 100 Ok4M
- 5548 CURRENT farm economics, v. 18, No. 3, p. 41-68. June 1945. 100 Ok4
- 5549 FARM research flashes. 7 p., processed. June 1945. 100 Ok4F
- Pennsylvania Agricultural Experiment Station, State College
- 5550 SCIENCE for the farmer; the 57th annual report of the Pennsylvania Agricultural Experiment Station [for the fiscal year ended June 30, 1944]. Pa. Agr. Expt. Sta. B. 464, sup. 2, 10 p. 1945. 100 P381
- Puerto Rico Agricultural Experiment Station, Rio Piedras
- 5551 JOURNAL of Agriculture of the University of Puerto Rico, v. 28, No. 2, p. 35-101. Apr. 1944. 8 P832J
- South Carolina Agricultural Experiment Station, Clemson
- 5552 PETERSON, M. J., and AULL, G. H. A pattern of agricultural production in South Carolina after the war. S. C. Agr. Expt. Sta. B. 356, 32 p. 1945. 100 So8
- 5553 FIFTY-SEVENTH annual report of the South Carolina Experiment Station for the year ended June 30, 1944. 154 p. 1945. 100 So8
- South Dakota Agricultural Experiment Station, Brookings
- 5554 SPAWN, G. B. Tillage methods in grasshopper control. S. Dak. Agr. Expt. Sta. B. 379, 16 p. 1945. 100 So82
- 5555 MANKE, K. F., and GRAFIUS, J. E. South Dakota corn performance test, 1944. S. Dak. Agr. Expt. Sta. C. 55, 31 p. 1945. 100 So82
- Texas Agricultural Experiment Station, College Station
- 5556 JONES, D. L., and JONES, W. L. Cotton defoliation in the Plains area of Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 949, 6 p., processed. 1945. 100 T31P



Utah Agricultural Experiment Station, Logan

5557 FARM and Home Science, v. 6, No. 2, 16 p.  
June 1945. 100 UtilF

West Virginia Agricultural Experiment Station, Morgan-  
town

5558 BROOKS, M. G. A check-list of West Virginia birds. W. Va. Agr. Expt. Sta. B. 316, 56 p. 1944.  
100 W52

5559 CAMERON, H. C. A nutrition study of West Virginia students. W. Va. Agr. Expt. Sta. B. 318, 8 p. 1945. 100 W52

5560 RIETZ, J. H., and WILSON, C. V. Early and late treatment of market lambs for gastro-intestinal parasites. W. Va. Agr. Expt. Sta. C. 80, 4 p. 1945.  
100 W52

Wyoming Agricultural Experiment Station, Laramie

5561 WHEELER, S. S. Phosphorus supplements for beef cows and heifers. Wyo. Agr. Expt. Sta. B. 269, 71 p. 1945. Ref., p. 68-71. 100 W99

5562 STARR, G. H., and RIEDL, W. A. Potato ring-rot and its control. Wyo. Agr. Expt. Sta. B. 270, 16 p. 1945. 100 W99



STATE AGRICULTURAL EXTENSION SERVICE PUBLICATIONS

Includes State Agricultural Extension Service publications received in the library during the preceding month. Articles in Extension periodicals containing more than one article in an issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Extension Services are not available from the U. S. Department of Agriculture but are often available from the publishing State Extension Service.

Mimeographed or processed material issued by the State Agricultural Extension Services is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Connecticut University, College of Agriculture, Agricultural Extension Service, Storrs

5563 JONES, R. E. North openings [poultry laying houses] admit cool air. 4 p., processed. Conn. Agr. Col. Ext. Hen Cents, June 1945. 275.29 C76H

Florida University, College of Agriculture, Agricultural Extension Service, Gainesville

5564 MEHRHOF, N. R., and ROGERS, F. Poultry houses and equipment. Fla. Agr. Col. Ext. B. 126, 44 p. 1945. 275.29 F66

5565 EMERGENCY farm labor: 1943-44 report for Florida. Fla. Agr. Col. Ext. Misc. P. 32, 20 p. 1945. 275.29 F66M

Supplement to the 1944 annual report of the Agricultural Extension Service.

Georgia University, College of Agriculture, Agricultural Extension Service, Athens

5566 ANNUAL report, Georgia Agricultural Extension Service, 1944. Ga. Agr. Col. Ext. B. 515, 34 p. 1945. 275.29 G29B

5567 RAGSDALE, E. 4-H Club manual: vegetables. Ga. Agr. Col. Ext. B. 516, 20 p. 1945. 275.29 G29B

5568 ALEXANDER, E. D. Kudzu, culture and uses in Georgia. Ga. Agr. Col. Ext. C. 331, 8 p. 1945. 275.29 G29C

Hawaii University, Agricultural Extension Service, Honolulu

5569 ELLIOTT, R., and HIROSHIGE, H. Monthly per yields and average wholesale prices of 8 Hawaiian crops. Hawaii. U. Agr. Ext. Agr. Ext. C. 174, 9 p., processed. 1945. 275.29 H312Ac

5570 TRIMBLE, A. P. Home laundering. I. Equipment and supplies. Hawaii. U. Agr. Ext. Home Econ. C. 162, 4 p., processed. 1945. 275.29 H312H

5571 TRIMBLE, A. P. Home laundering. II. Washing procedure. Hawaii. U. Agr. Ext. Home Econ. C. 163, 4 p., processed. 1945. 275.29 H312H

5572 TRIMBLE, A. P. Home laundering. III. Ironing. Hawaii. U. Agr. Ext. Home Econ. C. 164, 4 p., processed. 1945. 275.29 H312H

Idaho University, College of Agriculture, Extension Service, Moscow

5573 SHULL, W. E., and MANIS, H. C. The oriental fruit moth. Idaho. Agr. Col. Ext. C. 86, 8 p. 1945. 275.29 Id13C

5574 BERESFORD, H. Freezing for home folk: use quality products, process promptly, package correctly, but do not hoard. Idaho. Agr. Col. Ext. Rural Electrification Leaflet 65, 2 p. 1945. 275.29 Id13Ir

5575 BERESFORD, H. A preview of farm freezers for Idaho. Idaho. Agr. Col. Ext. Rural Electrification Leaflet 66, 2 p. 1945. 275.29 Id13Ir

Illinois University, College of Agriculture, Extension Service, Urbana

5576 ALF, H. H. What does V-E Day mean to the poultry industry? Ill. Agr. Col. Ext. AH1529 (Monthly Poultry Suggestions, May 1945), 4 p., processed. 1945. 275.29 Il62Pah

5577 DECKER, G. C., BIGGER, J. H., and PETTY, H. B. Stop chinch bugs [Blissus leucopterus]; build barriers. Ill. Agr. Col. Ext. C. 590, 16 p. 1945. 275.29 Il62C

Indiana - Purdue University, Agricultural Extension Service, Lafayette

5578 GENERAL rules and summary 4-H Club projects in home economics, 1945. Purdue. U. Agr. Ext. B. 271, 3d rev. ed., 15 p. 1945. 275.29 In2E

5579 SICER, J. W. Controlling poultry diseases through sanitation. Purdue. U. Agr. Ext. B. 312, 17 p. 1944. 275.29 In2E

5580 DAIRY and poultry situation. Purdue. U. Agr. Ext. Econ. Inform. for Ind. Farmers, No. 25, 4 p. 1944. 275.29 In2Ec

5581 HOG SITUATION. Purdue. U. Agr. Ext. Econ. Inform. for Ind. Farmers, No. 27, 4 p. 1945. 275.29 In2Ec

5582 COMPATABILITY of sprays, dusts and fumigants in greenhouses. Purdue. U. Agr. Ext. Leaflet 269, 8 p. 1945. 275.29 In2L

Iowa State College of Agriculture, Agricultural Extension Service, Ames

5583 ARE YOU being robbed by cattle grubs of beef, leather, milk. Iowa. State Col. Agr. Ext. Pam. 78, rev., 6 p. 1944. 275.29 Io9Pa

5584 PORTER, R. H. Seed testing services of your Iowa State College Seed Laboratory. Iowa. State Col. Agr. Ext. Pam. 95, 6 p. 1944. 275.29 Io9Pa

5585 LIST of publications, Agricultural Experiment Station and Extension Service. 20 p. Iowa. State Col. Agr. Ext., 1945. 275.29 N272Ex

Kansas State College of Agriculture and Applied Science, Extension Service, Manhattan

5586 AMSTEIN, W. G. Home fruit production. Kans. State Col. Agr. Ext. M-34, rev., 4 p. 1945. 275.29 K13Exm

5587 ALLEN, G. E., and FLETCHER, M. G. Making simple beverages and desserts. Kans. State Col. Agr. Ext. M-46, 12 p. 1944. 275.29 K13Exm

5588 LEADER'S guide, 4-H food preservation. Kans. State Col. Agr. Ext. M-47, 6 p. 1944. 275.29 K13Exm

5589 JOHNSON, N. M., and WIGGINS, M. C. A guide for 4-H clothing leaders. Kans. State Col. Agr. Ext. M-48, 8 p. 1944. 275.29 K13Exm

5590 KELLY, E. G., and DEAN, G. A. Garden insect calendar. Kans. State Col. Agr. Ext. M-50, 9 p. 1944. 275.29 K13Exm

5591 WILLOUGHBY, L. E., and CLEAVINGER, E. A. Alfalfa in Kansas. Kans. State Col. Agr. Ext. M-51, 14 p. 1944. 275.29 K13Exm

5592 CLEAVINGER, E. A., and WILLOUGHBY, L. E. Brome grass in Kansas. Kans. State Col. Agr. Ext. M-52, 8 p. 1944. 275.29 K13Exm

Kentucky University, College of Agriculture and Home Economics, Extension Service, Lexington

5593 BROOKS, J. B. Hints on remodeling poultry houses. Ky. Agr. Col. Ext. Leaflet 89, 4 p. 1945. 275.29 K415Le

5594 BYERS, G. B., and YOUNG, E. R. How to save time in pulling tobacco plants. Ky. Agr. Col. Ext. Leaflet 90, 5 p. 1945. 275.29 K415Le



Maine University, College of Agriculture, Agricultural Extension Service, Orono

5595 STEINBAUER, G. P. Control of potato dumps reduces late blight. Maine. Agr. Col. Ext. B. 331, 8 p. 1945. 275.29 M281B

5596 FOOD guide for Maine school children. Maine. Agr. Col. Ext. C. 217, 6 p. 1945. 275.29 M281C

Massachusetts State College, Extension Service, Amherst

5597 DURABILITY of [tree] species (heartwood only) in approximate order of decay resistance. Mass. State Col. Ext. Engin. Ext. Ser. 98, 1 p., processed. 1945. 275.29 M381En

5598 HARRINGTON, W. C. Care and repair of triplex spray pumps. Mass. State Col. Ext. Engin. Ext. Ser. 99, 1 p., processed. 1945. 275.29 M381En

5599 HARRINGTON, W. C., and THIES, W. H. Orchard brush pusher. Mass. State Col. Ext. Engin. Ext. Ser. 100, 5 p., processed. 1945. 275.29 M381En

5600 HARRINGTON, W. C. Explosives; extracts from Rules and regulations governing the keeping, storage, use, manufacture, sale, handling, transportation or other disposition.—Massachusetts Department of Public Safety. Mass. State Col. Ext. Engin. Ext. Ser. 101, 5 p., processed. 1945. 275.29 M381En

5601 HARRINGTON, W. C. Extracts from the General Laws, (Ter. Ed.) Chapter 148 of the Commonwealth of Massachusetts (as amended to 1943, inc.) pertaining to the use of explosives. Mass. State Col. Ext. Engin. Ext. Ser. 102, 2 p., processed. 1945. 275.29 M381En

5602 HARRINGTON, W. C. Basic hay drier design data. Mass. State Col. Ext. Engin. Ext. Ser. 103, 2 p., processed. 1945. 275.29 M381En

5603 PRELIMINARY notes on grounding problems in rural areas. Mass. State Col. Ext. Engin. Ext. Ser. 104, rev., 3 p., processed. 1945. 275.29 M381En

Grounding of electric wiring system.

5604 FRENCH, A. P. Strawberry growing in Massachusetts. Mass. State Col. Ext. Leaflet 29, rev., 19 p. 1945. 275.29 M381L

5605 KLEIN, G. T. Broiler, roaster, and capon production. Mass. State Col. Ext. Leaflet 216, rev., 20 p. 1945. 275.29 M381L

5606 PAGE, E. C. Sewing time savers. Mass. State Col. Ext. Leaflet 235, 19 p. 1945. 275.29 M381L

5607 TUTTLE, A. P. Fertilizing the victory garden. Mass. State Col. Ext. Spec. C. 77, rev., 1 p., processed. 1945. 275.29 M381Sc

5608 PUT PUNCH in the school lunch. Mass. State Col. Ext. Spec. C. 108 [rev.], 8 p. 1944. 275.29 M381Sc

5609 FARMERS — Here are your boys: emergency farm labor program. Mass. State Col. Ext. Spec. C. 112 [rev.], 6 p. 1945. 275.29 M381Sc

Victory Farm Volunteers.

5610 PROTECT your farm and home [from fire]. Mass. State Col. Ext. Spec. C. 119, 6 p. 1944. 275.29 M381Sc

5611 LACHMAN, W. H. Control of weeds in carrot and parsnip fields with oil spray. Mass. State Col. Ext. Spec. C. 120, 8 p. 1945. 275.29 M381Sc

5612 FRENCH, A. P. Currant and gooseberry growing in Massachusetts. Mass. State Col. Ext. Spec. C. 121, 3 p., processed. 1945. 275.29 M381Sc

Michigan State College of Agriculture and Applied Science, Extension Division, East Lansing

5613 JEFFERSON, C. H., BALTZER, A. C., and BRANAMAN, G. A. Paved barn yards. Mich. State Col. Agr. Ext. B. 266, 8 p. 1945. 275.29 M58B

5614 KING, H. How to control squash vine borer [*Melittia satyriniformis*]. Mich. State Col. Agr. Ext. Folder 81, 4 p. 1945. 275.29 M58Ex

Missouri University, College of Agriculture, Agricultural Extension Service, Columbia

5615 CARL, F. L., and JOPLING, L. K. A home canning guide. Mo. Agr. Col. Ext. C. 490, rev., 12 p. 1945. 275.29 M69C

5616 KEMPSTER, H. L., and WINNER, E. B. Culling for egg production. Mo. Agr. Col. Ext. C. 516, 16 p. 1945. 275.29 M69C

Colored illustrations.

5617 CARL, F. L. The 4-H girl learns to can, freeze and dry food. Mo. Agr. Col. Ext. 4-H Club C. 76, 20 p. 1945. 275.29 M69B

5618 NANCE, G. B. The agricultural outlook for Missouri, 1945. Mo. Agr. Col. Ext. Manual 37, 52 p. 1945. 275.29 M69Ma

5619 LEADER'S guide, food preservation II. (To be used with 4-H Circular 76). 8 p. Mo. Agr. Col. Ext., 1945. 275.29 M69Le

Montana State College, Extension Service, Bozeman

5620 BOLSTER, H. G., and STUCKY, H. R. Montana's agriculture. Mont. State Col. Ext. B. 228, 30 p. 1945. 275.29 M76C

5621 RICHARDS, D. E. 4-H bred gilt mammal. Mont. State Col. Ext. C. 158, 4 p. 1945. 275.29 M76C1

5622 TRETSVEN, J. O. Fast milking. Mont. State Col. Ext. C. 159, 6 p. 1945. 275.29 M76C1

Nebraska University, College of Agriculture, Agricultural Extension Service, Lincoln

5623 SOW TESTING. Nebr. Agr. Col. Ext. C. 249, 2 p., processed. 1944. 275.29 N272Ex

5624 LARSEN, L. F. Converting horse drawn mowers into power mowers. Nebr. Agr. Col. Ext. C. 789, 8 p. 1945. 275.29 N272Ex

5625 WHELAN, D. B., and JANIKE, E. W. Questions and answers on cattle grubs. Nebr. Agr. Col. Ext. C. 1528, 5 p., processed. 1944. 275.29 N272Ex

5626 TATE, H. D., and BARE, O. S. The European corn borer [*Pyrausta nubilalis*]. Nebr. Agr. Col. Ext. C. 1531, 4 p. 1945. 275.29 N272Ex

5627 LIVINGSTON, J. E. Important diseases of corn in Nebraska. Nebr. Agr. Col. Ext. C. 1804, 8 p. 1945. 275.29 N272Ex

Colored illustrations.

5628 DOREMUS, M. Drying fruits and vegetables. Nebr. Agr. Col. Ext. C. 9964, 6 p. 1944. 275.29 N272Ex

5629 BOWEN, E. R. Guest day, sharing your club with your friends. Nebr. Agr. Col. Ext. C. 5-106, 4 p., processed. 1944. 275.29 N272Ex

5630 PRICE, F. W. The war and rural reconstruction in China. Nebr. Agr. Col. Ext. C. 5-107, 6 p., processed. 1944. 275.29 N272Ex

5631 OVENS, F. J. The child's attitude toward money; money in the bank, by L. Mallory; the child and his money, R. P. McLeod; account books, by L. Mallory; lessons in thrift, by L. Munsell; always in debt, by L. Mallory; planned spending, by L. Mallory; the foundations of sharing, by F. B. Studebaker. Nebr. Agr. Col. Ext. C. 5-108, 10 p., processed. 1944. 275.29 N272Ex

5632 ELLICOTT, P. Betay Ross, maker of the flag. Nebr. Agr. Col. Ext. C. 5-109, 3 p., processed. 1944. 275.29 N272Ex

5633 BROWN, E. A. Australia, the island continent. Nebr. Agr. Col. Ext. C. 5-110, 10 p., processed. 1944. 275.29 N272Ex

5634 BROWN, E. A. New Zealand, a social democracy. Nebr. Agr. Col. Ext. C. 5-111, 6 p., processed. 1944. 275.29 N272Ex

New Jersey State College of Agriculture and Mechanic Arts, Extension Service, Rutgers University, New Brunswick

5635 FARNHAM, R. B. Fall chores in the 4-H home garden. N. J. Agr. Col. Ext. 4-H Gard. C. 4, 7 p. 1944. 275.29 N46Fg



New York State College of Agriculture and Home Economics, Extension Service, Cornell University, Ithaca

- 5636 ROBINSON, C. B. Braided rugs. N. Y. Agr. Col. Cornell Ext. B. 462, rev., 27 p. 1945. 275.29 N48E
- 5637 BARRUS, M. F., and LEIBY, R. W. Spraying and dusting potatoes in up-state New York. N. Y. Agr. Col. Cornell Ext. B. 518, rev., 16 p. 1945. 275.29 N48E
- The control of diseases and insects.
- 5638 RAYMOND, C. B., and BIERLY, I. R. Picking beans. N. Y. Agr. Col. Cornell Ext. B. 677, 4 p. 1945. 275.29 N48E
- 5639 PALMER, E. L. Cover. N. Y. Agr. Col. Ext. Cornell Rural School Leaflet, v. 38, No. 4, 32 p. 1945. 275.29 N48R

North Dakota Agricultural College, Extension Service, State College Station, Fargo

- 5640 THIS 8-point dairy program means something! N. Dak. Agr. Col. Ext. Spec. C. A-81, 6 p. 1945. 275.29 N812Sa
- 5641 LEARY, W. J. Germination tests for farm seeds. N. Dak. Agr. Col. Ext. Spec. C. A-82, 6 p. 1945. 275.29 N812Sa
- 5642 McDONALD, M. H., LONGWELL, J. H., and PARKER, J. E. Minerals for livestock and poultry. N. Dak. Agr. Col. Ext. Spec. C. A-83, 6 p. 1945. 275.29 N812Sa
- 5643 ZATLSKIE, J. J. Rabbit control in North Dakota. N. Dak. Agr. Col. Ext. Spec. C. A-84, 6 p. 1945. 275.29 N812Sa

Ohio State University, College of Agriculture, Agricultural Extension Service, Columbus

- 5644 MCCANN, L. P. Raising beef calves. Ohio. Agr. Col. Ext. B. 209, rev., 8 p. 1945. 275.29 Oh32
- 5645 BEACH, F. H. Pruning tree and small fruits. Ohio. Agr. Col. Ext. B. 246, 56 p. 1944. 275.29 Oh32
- 8th edition revised of Ext. B. 145.
- 5646 BEALL, T. Use your appliances the easy way. Part VII. Find the best way. Ohio, Agr. Col. Ext. R. E. C. 76, 1 p. 1945? 275.29 Oh32Rec
- Electrical appliances.
- 5647 BLAUSER, I. P. Arc welders for farms. Ohio. Agr. Col. Ext. R. E. C. 77, 1 p. 1945? 275.29 Oh32Rec

Oklahoma Agricultural and Mechanical College, Extension Division, Stillwater

- 5648 ARMSTRONG, O. Your baby's clothes. Okla. Agr. Col. Ext. C. 405, 8 p. 1945. 275.29 Ok41C
- 5649 NICHOLSON, W. D. Happy, healthy babies. Okla. Agr. Col. Ext. C. 406, 14 p. 1945. 275.29 Ok41C
- 5650 FLOOD, F. Living happily with others. Okla. Agr. Col. Ext. C. 407, 8 p. 1945? 275.29 Ok41C
- 5651 CHAFFIN, W. Lime for Oklahoma soils. Okla. Agr. Col. Ext. C. 408, 8 p. 1945. 275.29 Ok41C
- 5652 FLOOD, F. Keep the family well. Okla. Agr. Col. Ext. C. 409, 7 p. 1945. 275.29 Ok41C
- 5653 CHAFFIN, W. Peanuts in Oklahoma. Okla. Agr. Col. Ext. C. 410, 11 p. 1945. 275.29 Ok41C
- 5654 CHAFFIN, W. Hybrid corn in Oklahoma. Okla. Agr. Col. Ext. C. 411, 14 p. 1945. 275.29 Ok41C
- 5655 CHAFFIN, W. A soil improvement program for Oklahoma. Okla. Agr. Col. Ext. C. 412, 44 p. 1945? 275.29 Ok41C

Oregon State College, Federal Cooperative Extension Service, Corvallis

- 5656 CASE, L. A., and ONSDORFF, T. Home food preservation by canning and salting. Oreg. State Col. Ext. B. 642, 24 p. 1944. 275.29 Or32B

- 5657 LUTZ, L. A. Renovating innerspring cushions. Oreg. State Col. Ext. B. 643, 8 p. 1944. 275.29 Or32B
- 5658 BENNION, N. L. Management of turkey breeding stock. Oreg. State Col. Ext. B. 644, 28 p. 1944. 275.29 Or32B
- 5659 MACK, M. C., and ARNEY, H. G. A simple method of ironing a shirt. Oreg. State Col. Ext. B. 645, 8 p. 1945. 275.29 Or32B
- 5660 MACK, M. C. A kitchen wood box. Oreg. State Col. Ext. B. 646, 4 p. 1945. 275.29 Or32B
- 5661 MACK, M. C. The laundry cart. Oreg. State Col. Ext. B. 647, 2 p. 1945. 275.29 Or32B
- 5662 MACK, M. C. Kitchen utility wagon and lap table. Oreg. State Col. Ext. B. 648, 2 p. 1945. 275.29 Or32B
- 5663 MORE waste fats needed from Oregon homemakers in 1945: O.S.C. Extension Service helping organize rural collection campaign. Oreg. State Col. Ext. B. 649, 2 p. 1945. 275.29 Or32B
- 5664 MCWHORTER, O. T., JACKMAN, E. R., and KING, A. Orchard soil covers. Oreg. State Col. Ext. B. 650, 24 p. 1945. 275.29 Or32B
- 5665 COSBY, H. E. O.S.C. brooder houses. Oreg. State Col. Ext. B. 652, 16 p. 1945. 275.29 Or32B
- 5666 FARM opportunities in Washington County, Oregon, 1945. Oreg. State Col. Ext. B. 653, 12 p. 1945. 275.29 Or32B
- 5667 THOMAS, M. D., and others. Oregon's grain and hay crops, 1869-1944. Oreg. State Col. Ext. B. 654, 24 p. 1945. 275.29 Or32B
- L. R. Breithaupt, N. I. Nielsen, and E. Horrell, joint authors.
- U. S. Bureau of Agricultural Economics cooperating.
- 5668 MACK, M. C. Labor savers in the kitchen. Oreg. State Col. Ext. B. 655, 4 p. 1945. 275.29 Or32B
- 5669 THOMAS, M. D., and others. Oregon's small fruit crops, 1936-1944. Oreg. State Col. Ext. B. 656, 14 p. 1945. 275.29 Or32B
- L. R. Breithaupt, N. I. Nielsen, and E. Horrell, joint authors.
- U. S. Bureau of Agricultural Economics cooperating.
- 5670 OREGON farmers, do you need boys like this? Oreg. State Col. Ext. C. 438, 4 p. 1944? 275.29 Or32C
- Victory Farm Volunteers.
- 5671 OREGON farmers need farm volunteers for all summer work. Oreg. State Col. Ext. C. 439, 6 p. 1944? 275.29 Or32C
- Victory Farm Volunteers.
- 5672 SHEEP, lambs, and wool: Oregon agricultural statistics, 1867 to 1944. Oreg. State Col. Ext. C. 440, 2 p., processed. 1944. 275.29 Or32C
- U. S. Bureau of Agricultural Economics cooperating.
- 5673 DYKEMA, P. W. World famous Christmas carols. Oreg. State Col. Ext. C. 442, 8 p., processed. 1944. 275.29 Or32C
- 5674 MORSE, R. W., MUTH, O. H., and WILSTER, G. H. Brucellosis (undulant fever): some common questions and answers. Oreg. State Col. Ext. C. 452, 8 p., processed. 1945. 275.29 Or32C
- 5675 MORSE, R. W., MUTH, O. H., and WILSTER, G. H. Brucellosis (undulant fever): brucellosis vaccination. Oreg. State Col. Ext. C. 453, 5 p., processed. 1945. 275.29 Or32C
- 5676 LUTZ, L. A. Home fire prevention. Oreg. State Col. Ext. HE 1806, 6 p., processed. 1944. 275.29 Or323H
- Demonstration methods.
- 5677 CASE, L. A. Outline of demonstration on planning the family food supply and vegetable cookery. Oreg. State Col. Ext. HE 1813, 3 p., processed. 1944. 275.29 Or323H
- 5678 CASE, L. A. The prevention of spoilage and accidents in home food preservation: guide for demonstration. Oreg. State Col. Ext. HE 1820, 3 p., processed. 1944. 275.29 Or323H



5679 CARE and use of 1944 national pressure cooker with dial gauge and gasket. Oreg. State Col. Ext. HE 1834, 2 p., processed. 1944. 275.29 Or323H

5680 TWELFTH annual meeting of Oregon Home Economics Extension Council, Oregon State College, Corvallis, Oregon, May 23 and 24, 1944. Oreg. State Col. Ext. HE 1841, 21 p., processed. 1944? 275.29 Or323H

5681 CASE, L. A. Food for mailing. Oreg. State Col. Ext. HE 1842, 11 p., processed. 1944. 275.29 Or323H

5682 CASE, L. A. Food for mailing: project leader's guide sheet. Oreg. State Col. Ext. HE 1843, 3 p., processed. 1944. 275.29 Or323H

5683 LANE, L. Conserve with the scrap bag: project leader guide sheet. Oreg. State Col. Ext. HE 1850, 2 p. 1944. 275.29 Or323H

5684 CARTER, M. M., and CASE, L. A. Winter salads and salad dressings. Oreg. State Col. Ext. HE 1853, 8 p., processed. 1944. 275.29 Or323H

5685 CARTER, M. M., and CASE, L. A. Winter salads and salad dressings: guide sheet for project leaders. Oreg. State Col. Ext. HE 1854, 3 p., processed. 1944. 275.29 Or323H

5686 CASE, L. A. Buffet meals and entertaining: project leader guide sheet. Oreg. State Col. Ext. HE 1856, 3 p., processed. 1944. 275.29 Or323H

5687 CASE, L. A. Sweet rolls and coffee cake made with yeast: guide sheet for project leaders. Oreg. State Col. Ext. HE 1858, 3 p., processed. 1944. 275.29 Or323H

5688 CARTER, M. Quick breads: guide sheet for project leaders. Oreg. State Col. Ext. HE 1873, 3 p., processed. 1944. 275.29 Or323H

5689 CASE, L. A. Oven meals: guide sheets for project leaders. Oreg. State Col. Ext. HE 1875, 3 p., processed. 1944. 275.29 Or323H

5690 LANE, L. Buy shoes that fit. Oreg. State Col. Ext. HE 1877, 5 p., processed. 1944. 275.29 Or323H

5691 CARTER, M. Recreation - through games for sidewalks and driveways. Oreg. State Col. Ext. HE 1878, 4 p., processed. 1944. 275.29 Or323H

5692 LUTZ, L. A. Conserving you. Oreg. State Col. Ext. HE 1882, 4 p., processed. 1945. 275.29 Or323H

Work management.

South Dakota State College of Agriculture, Extension Service, Brookings

5693 CULL now for a profitable poultry flock. S. Dak. State Col. Agr. Ext. War Food Ser. 3, poster. 1945? 275.29 So85W

Tennessee University, College of Agriculture, Agricultural Extension Service, Knoxville

5694 HENDRICKS, H. E. Buckwheat-crimson clover for grain and pasture. Tenn. Agr. Col. Ext. Leaflet 78, 8 p. 1945. 275.29 T25L

5695 HOW YOU can detassel corn and help with the battle for food production! Tenn. Agr. Col. Ext. Leaflet 79, 6 p. 1945. 275.29 T25L

Texas Agricultural and Mechanical College, Agricultural Extension Service, College Station

5696 BARNES, G. W., SMITH, A. L., and TURK, R. D. Control of the common stomach worms in cattle. Tex. Agr. Col. Ext. C-222, 8 p. 1945. 275.29 T312C

5697 HICKERSON, R. B. Time and work savers: small power mowers powered by air-cooled gasoline engines. Tex. Agr. Col. Ext. L-41, 1 p. 1945. 275.29 T313

5698 HICKERSON, R. B. Time and work savers: tractor post-hole digger. Tex. Agr. Col. Ext. L-42, 1 p. 1945. 275.29 T313

5699 HICKERSON, R. B. Time and work savers: baled hay elevators. Tex. Agr. Col. Ext. L-43, 1 p. 1945. 275.29 T313

5700 HICKERSON, R. B. Time and work savers: tractor buck rake. Tex. Agr. Col. Ext. L-44, 1 p. 1945. 275.29 T313

Washington State College, Extension Service, Pullman

5701 SNYDER, J. C. Strawberry growing in Washington. Wash. State Col. Ext. B. 246, rev., 24 p. 1945. 275.29 W27P

5702 WEBSTER, R. L. Beekeeping in Washington. Wash. State Col. Ext. B. 289, rev., 37 p. 1945. 275.29 W27P

5703 WEBSTER, C. F., and MILLER, R. N. Soil, plant, and moisture relationships. Wash. State Col. Ext. B. 321 (Wash. Irrig. Ser.), 4 p. 1945. 275.29 W27P

5704 SUGGESTIONS to prospective Yakima County settlers. Wash. State Col. Ext. B. 326, 10 p. 1945. 275.29 W27P

5705 SNYDER, J. C. Suggestions to raspberry pickers. Wash. State Col. Ext. C. 77, rev., 6 p. 1945. 275.29 W27C

5706 POND, E., and LICKLEY, H. F. Electric clothes drier. Wash. State Col. Ext. C. 93, 7 p. 1945. 275.29 W27C

West Virginia University, College of Agriculture, Agricultural Extension Service, Morgantown

5707 SHERWOOD, E. C., and BISHOP, C. F. Farm crop pest control guide for West Virginia. W. Va. Agr. Col. Ext. C. 325, rev., 59 p. 1945. 275.29 W522C

5708 CLARK, T. B., and HYRE, H. M. Poultry feeds and feeding. W. Va. Agr. Col. Ext. C. 340, 15 p. 1944. 275.29 W522C

Wisconsin University, College of Agriculture, Agricultural Extension Service, Madison

5709 AHLGREN, H. L., and GRABER, L. F. Safe-guarding new seedlings. Wis. Agr. Col. Ext. C. 300, rev., 8 p. 1945. 275.29 W75C

5710 COMBS, O. B. Freezing vegetables and fruits. Wis. Agr. Col. Ext. C. 357, 15 p. 1945. 275.29 W75C

5711 VEGETABLES in our meals. Wis. Agr. Col. Ext. C. 4H 43, 15 p. 1945. 275.29 W75Cf

5712- WISCONSIN 4H safety program. Wis. Agr. Col. Ext. C. 4H45, 7 p. 1945. 275.29 W75Cf

5713 JACKSON, H. C., and THOMSEN, L. C. Butter-making in the home. 3 p., processed. Wis. Agr. Col. Ext. Spec. C., rev., 1945. 275.29 W75S

5714 ONE PLANT showed the way; the story of L. R. Jones and his work in controlling cabbage yellows. 6 p., processed. Wis. Agr. Col. Ext. Spec. C., re-issued 1945. 275.29 W75S

5715 WITZEL, S. A. Wiring the farmstead for electricity. 18 p., processed. Wis. Agr. Col. Ext. Spec. C., rev., 1945. 275.29 W75S

5716 KUEHNER, C. L. Young farm orchards in Wisconsin - their planning, planting, and care. Wis. Agr. Col. Ext. Stencil C. 242, 18 p., processed. 1945. 275.29 W75B

#### BOOKS AND PAMPHLETS

Includes books and pamphlets on agriculture and closely related subjects, except war-restricted publications, not included in the foregoing sections, which have been added to the library during the preceding month. Numbered serial publications are listed in the section on Periodical and Serial Literature

#### AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

5717 \*ANGELINI, F. Prospettive autarchiche dell'agricoltura italiana. 224 p. Roma, Confederazione Fascista dei Lavoratori dell'Agricoltura, 1939. 281.176 An4

5718 ARNDT, H. W. The economic lessons of the nineteen-thirties. 314 p. London, Oxford U. Press, 1944. 280 Ar62

Includes the economic aspects of agriculture in several countries.



- 5719 AUSTRALIA. RURAL RECONSTRUCTION COMMISSION. Financial and economic reconstruction of farms; the Commission's fourth report... dated 28th day of August, 1944. 79 p. Canberra, Commonwealth Govt. Prtr., 1944? 281.9 Am72
- 5720 BASCH, A. A price for peace; the new Europe and world markets. 209 p. N. Y., Columbia U. Press, 1945. 280.17 B29P  
Contains references to agriculture.
- 5721 BOULDING, K. E. The economics of peace. 278 p. N. Y., Prentice-Hall, 1945. 280 B665E  
Contains references to agriculture for which the index should be consulted.
- 5722 BRAIBANT, M. L'Europe, espace vital de l'agriculture française. 21 p. Paris, 1941. (Conférences du groupe "Collaboration.") 281.174 B73
- 5723 BRAND, C. J. What economic system for America? 96 p. Washington, D. C., Printed by Judd & Detweiler, 1945. 280.12 B733  
References to agriculture under various economic systems.
- 5724 BROGAN, D. W. The American character. 168 p. N. Y., Knopf, 1945. 280.12 B783  
Passing references to the farmer.
- 5725 BULLOCK, E. H. Planning to-morrow's Britain? With a foreword by P. Abercrombie. 77 p. London, Muller, 1944. 98.5 B87  
Discusses the Scott, Uthwatt, and Barlow Reports.
- 5726 CANADA. BUREAU OF STATISTICS. Eighth census of Canada, 1941... volume II. Population by local subdivisions. 938 p. Ottawa, 1944. 253 C3338A  
Includes rural and urban population.
- 5727 CANADA. DEPT. OF AGRICULTURE. AGRICULTURAL SUPPLIES BOARD. Canadian agricultural program for 1945. 53 p. Ottawa, 1945. 281.13 C1650
- 5728 CHENEY, F. Cartels, combines and trusts: a selected list of references. 123 p., processed. Washington, U. S. Libr. Cong., Gen. Ref. and Bibliog. Div., 1944. 241.3 C24
- 5729 DITTMER, H. L'Europe peut récolter davantage; l'exemple de l'Allemagne. 39 p. Bruxelles, Maison Internationale d'Édition, n. d. 281.175 D63  
German agricultural and food production program.
- 5730 DOANE AGRICULTURAL SERVICE, ST. LOUIS. D.A.S. rural appraisal handbook; American rural appraisal system for real property; valuation methods for personal property. 1 v. St. Louis, 1944. 282.12 D65  
Includes farm and ranch appraisal.
- 5731 FINLETTER, T. K. Can representative government do the job? With a foreword by R. F. Wagner. 184 p. N. Y., Reynal & Hitchcock, 1945. 280.12 F493  
References to agricultural legislation mainly in the administration of Franklin D. Roosevelt.
- 5732 FLIESS, W. The economic reconstruction of Europe. With introduction by P. L. Yates. 64 p. London, Internatl. Pub. Co., 1944. 280.17 F64  
Suggests the creation of a European Agricultural Commission to control cultivation, market forecasting, and price policy, and to provide for the distribution of credit, the breaking-up of large estates, the improvement of agricultural education, and the encouragement of the cooperative system.
- 5733 GARCÍA CADENA, A. Unas ideas elementales sobre problemas colombianos; preocupaciones de un hombre de trabajo. 303 p. Bogotá, Editorial de la Librería Voluntad, S. A., 1943. 280.165 G16  
Consists chiefly of reprinted articles dealing with various problems of agriculture in Colombia.
- 5734 HEIDMANN, E. History of economic doctrines; an introduction to economic theory. 263 p. London, Oxford U. Press, 1945. Ref. 280 H363  
Scattered references to agriculture, land, and foreign trade.
- 5735 HUNTINGTON, E. Mainsprings of civilization. 660 p. N. Y., Wiley, 1945. Ref., p. 612-629. 278 H92M  
Physical environment and inheritance in their effects upon history. Includes diet and national character; agriculture, disease, and diet; and land hunger.
- 5736 INSTITUTE OF PACIFIC RELATIONS. 9th CONFERENCE, HOT SPRINGS, VA., 1945. Security in the Pacific; a preliminary report. 169 p. N. Y., Internatl. Secretariat, 1945. 280 In7209  
Ch. III, Economic Recovery and Progress in Pacific Countries, deals in part with relief and rehabilitation, agrarian reform, India's Bombay Plan, and trade.
- 5737 KINGDON, F. An uncommon man; Henry Wallace and 60 million jobs. 98 p. N. Y., Readers Press, 1945. 280.12 K58  
Includes a chapter on the Nation's farmer and Henry Wallace's farm program.
- 5738 KRAUS, H. International relief in action, 1914-1943. Selected records, with notes. 248 p. Scottdale, Pa., Herald Press, 1944. Ref., p. 234-246. 280 K86
- 5739 MICHIGAN. DEPT. OF CONSERVATION. A program to complete land type and farm-forest inventories for the State of Michigan. Rev. ed., 9 p., processed. Lansing, 1944. 282.041 M584
- 5740 MILLAR, G. Part-time countryman. 100 p. London, Faber, 1944. 281.2 M612
- 5741 MÜLLER-MINY, H. Die linksrheinischen gartenbaufluren der südlichen Kölner Bucht, im besonderen die des Vorgebirges, im Kartenbild. 64 p. Leipzig, Koehler, 1940. (Berichte zur Raumforschung und Raumordnung, Bd. 5) 281.175 M91  
Thesis - Köln.  
Contains sections on farming types and land use planning and taxation.
- 5742 OGILVIE, G. F. Managed currency. 27 p. Elko, Nev., Elko Independent, 1944. 284 O64  
Includes the relation of a managed currency to agriculture.
- 5743 PAPI, G. U. Introduction to post-war reconstruction programmes; income - nutrition - unemployment - monetary rehabilitation - reconstruction finance - economic planning. 265 p. Rome, Internatl. Inst. of Agr., 1944. 280 P19I
- 5744 PEABODY, E. M. Your farm, a blue print for the city man; with special section: A living from chickens, by J. Menkin. 64 p. N. Y., Harian Pubs., 1945. 31.3 P31  
Selection and management of the farm.
- 5745 PERU. MINISTERIO DE HACIENDA Y COMERCIO. DIRECCIÓN NACIONAL DE ESTADÍSTICA. Censo nacional de población y ocupación 1940; primer volumen; resúmenes generales. 673 p. Lima, 1944. 255.8 Es8C  
Statistics are given for the population engaged in agriculture.
- 5746 POWER, R. A., and KIVLIN, V. E. Practical farming. Rev. ed., 704 p. Eau Claire, Wis., Hale, 1944. 30.3 P87P
- 5747 RODENWALDT, E. Tropenhygiene. Ed. 2, enl., 152 p. Stuttgart, Ferdinand Enke Verlag, 1941. Ref. 449 R61  
Living conditions in the Tropics.
- 5748 SCHLIPF, J. A. Schlipf's praktisches handbuch der landwirtschaft. Ed. 29, rev., 499 p. Berlin, Parey, 1943. 30 Sch3P  
A manual of farming methods.
- 5749 SCHUYLER, R. L. The fall of the old colonial system, a study in British free trade 1770-1870. 344 p. London, Oxford U. Press, 1945. Ref., p. 327-336. 277.171 Sch8
- 5750 SHANNON, F. A. The farmer's last frontier: agriculture, 1860-1897. 434 p. N. Y., Farrar & Rinehart, 1945. (Econ. Hist. of the U. S., v. 5) 30.9 Sbl
- 5751 SOHN, F. La politique agraire et la bataille de la production en Allemagne. 47 p. Paris, Henri Darnaud, 1942. (Cahiers de la Rénovation Agricole, 2) 281.8 C11
- 5752 TOPSØE, H. Danmarks produktionsliv omkring 1935. 325 p. København, C. A. Reitzel, 1943. 280.173 T62  
Includes agricultural production.



5753 TOWN AND COUNTRY PLANNING ASSOCIATION. CONFERENCE, LONDON, 1943. Country towns in the future England...Ed. by S. Baron. 140 p. London, Faber, 1945. 281.29 T66

Contents: Country towns: their potentialities and needs by F. J. Osborn, J. Bulman, R. G. Roper, A. W. Collett, G. R. Bull, W. Johnson, with discussion by A. W. Ashby; Industrial estates in country towns: siting, layout, development, and administration, by R. L. Reiss, with discussion by T. A. L. Paton; Social amenities and the arts in country towns, by M. C. Glasgow, with discussion by B. C. Langton; Legislation required, by G. N. C. Swift, with discussion by G. R. Bull; and Resolutions adopted.

5754 UNITED NATIONS INFORMATION OFFICE. Research and postwar planning; bibliography - part XX. 60 p., processed. N. Y., 1945. 241.3 Un394

5755 UNITED NATIONS INFORMATION OFFICE. Research and postwar planning; survey of agencies; volume XVIII, Great Britain. unpag., processed. N. Y., 1944. 225 Un35

5756 U. S. BUREAU OF AGRICULTURAL ECONOMICS. DIVISION OF FARM MANAGEMENT AND COSTS. Managing a farm, a self-teaching course. 333 p. Washington, 1944. (U. S. War Dept. Ed. Manual EM-810) 152.237 M31

Written by S. E. Johnson, N. W. Johnson, M. R. Cooper, S. W. Mendum, and O. J. Scoville.

5757 U. S. CONGRESS. HOUSE. COMMITTEE ON FOREIGN AFFAIRS. Recognition of Italy as an ally. Hearings...79th Cong., 1st sess. pursuant to H. J. Res. 99, a joint resolution requesting the President to recognize Italy as an ally, and to extend lend-lease aid Apr. 11, 1945. 106 p. Washington, 1945.

5758 U. S. CONGRESS. SENATE. COMMITTEE ON APPROPRIATIONS. National War Agencies Appropriation Bill for 1946. Hearings...79th Cong., 1st sess. on H. R. 3368. 242 p. Washington, 1945.

Includes references to agricultural labor.

5759 U. S. CONGRESS. SENATE. COMMITTEE ON THE JUDICIARY. Cartels. Hearings...78th Cong., 2d sess. on S. 1476, May 23, 1944. 41 p. Washington, 1945.

"This bill later became S. 11, 79th Congress, introduced January 6, 1945."

5760 U. S. DEPT. OF AGRICULTURE. What is farming? 504 p. Washington, 1944. (U. S. War Dept. Ed. Manual EM-800) 152.237 W55

Includes kinds of farming, buildings and tools, planning and managing the farm, and getting started in agriculture.

5761 U. S. TARIFF COMMISSION. Cost of production of wool in 1943; an analysis of costs and income on sheep ranches in nine western States, as reported by the Farm Credit Administration for 1943, with corresponding data for 1940-42. 14 p., processed. Washington, 1944. 173 T17Cwc

5762 U. S. TARIFF COMMISSION. Economic controls and commercial policy in Venezuela. 27 p., processed. Washington, 1945. 173 T17Ecv

Includes agricultural and export subsidies, assistance to the coffee industry, price control, and rationing.

5763 U. S. TARIFF COMMISSION. Estimated costs of production of wool, sheep, and lambs in 1944 compared with costs in 1940-43. 6 p., processed. Washington, 1945. 173 T17Cwc

5764 U. S. TARIFF COMMISSION. Recent developments in the foreign trade of Chile. 81 p., processed. Washington, 1945. 173 T17rf

Includes trade in agricultural products.

5765 U. S. WAR MANPOWER COMMISSION. WOMEN'S ADVISORY COMMITTEE. Women in the postwar. 9 p., processed. Washington, 1945. 173.4 W193W

The Woman on the Farm, p. 7.

5766 WADHAM, S. M. The land and the nation. 100 p. Melbourne, Stockland Press, 1943. 281.1992 W111

Policy and problems of Australian agriculture.

5767 WEIL, F. J. Argentine riddle. 297 p. N. Y., Day, 1944. 280.161 W42

Issued in cooperation with the Latin American Economic Institute.

Contains considerable data on the latifundia.

5768 WHITE HOUSE CONFERENCE ON RURAL EDUCATION, WASHINGTON, 1944. The White House conference on rural education, October 3, 4, and 5, 1944. 272 p. Washington, Natl. Ed. Assoc. of the U. S., 1944. 275.9 W58

Suggested readings, p. 243-250.

Partial contents: Introductory remarks, by K. V. Wofford, p. 19-20; Opening the conference, by E. Roosevelt, p. 21; Background of the conference, by C. O. Williams, p. 22-28; Trouble at the crossroads, by H. A. Dawson, p. 29-42; Building the future of rural America, by M. D. Lincoln, p. 43-53; Better rural educational opportunities - a national need, by J. W. Studebaker, p. 54-58; The education of rural children and youth, by F. W. Dunn, p. 61-74; Building communities thru education, by C. W. Grace, p. 75-85; The rural child and the Children's Bureau, by K. Lenroot, p. 86-97; Panel discussion: Building rural schools and communities to cope with the problems of tomorrow, p. 98-114; Informal remarks, by F. D. Roosevelt, p. 115-117; Report of Group I: Education to meet the needs of rural children, K. V. Wofford, chairman, p. 121-128; Report of Group II: Education for community living in rural areas, C. W. Cyr, chairman, p. 129-137; Report of Group III: The scope of the rural-school program, H. V. McClusky, chairman, p. 138-145; Report of Group IV: Problems of the professional personnel for rural education, K. O. Broady, chairman, p. 146-152; Report of Group V: The organization and administration of rural education, J. E. Butterworth, chairman, p. 153-162; Report of Group VI: The rural educational plant and equipment, T. C. Holy, chairman, p. 165-171; Report of Group VII: Education of minority and special groups in rural areas, F. McCuiston, chairman, p. 172-180; Report of Group VIII: Special problems in providing instructional opportunities in rural schools, B. Morgan, chairman, p. 181-194; Report of Group IX: Paying for rural education, E. B. Norton, chairman, p. 195-204; Report of Group X: Rural education in the structure of democracy, D. E. Lindstrom, chairman, p. 205-215; Summary statements of the conference, by R. B. Jones and Mrs. R. Sayre, p. 216-226; Closing the conference, by E. Roosevelt, p. 227-228.

5769 WOOLBERT, R. G. Foreign affairs bibliography; a selected and annotated list of books on international relations 1932-1942. 705 p. N. Y., Council on Foreign Relat., 1945. 241.3 C832

The sections on economic factors contain material on agriculture.

#### AGRICULTURAL ENGINEERING

5770 GREAT BRITAIN. MINISTRY OF HEALTH. CENTRAL HOUSING ADVISORY COMMITTEE. Private enterprise housing. Report. 55 p. London, 1944. 296.2 F7922P

5771 NATIONAL FIRE PROTECTION ASSOCIATION. National fire codes for the prevention of dust explosions. 176 p. Boston, 1944. 296.69 N2113

5772 \*TIEMANN, A., and ROHE, P. Bau- und beschickung von silos für einsäuerung von grünfutter, rübenblatt und kartoffeln; eine anleitung für die praxis. Ed. 6, enl., 76 p. Berlin, Parey, 1943. 60.7 T44

#### AGRICULTURAL PRODUCTS: PROCESSING, DISTRIBUTION, AND STATISTICS

5773 FARNSWORTH, H. C., and TIMOSHENKO, V. P. World grain review and outlook, 1945; with a statistical appendix by R. H. Peirce. 319 p. Stanford U., Calif., Food Res. Inst., 1945. 59.9 L53

5774 \*HADERT, H. Rezeptbuch für die farben- und lackindustrie. v. 2, 195 p. Berlin, Otto Elsner Verlagsgesellschaft, 1944. 306 H11

Includes analysis of various vegetable oils.



5775 \*HERRMANN, R. Handbuch der landwirtschaftlichen versuchs- und untersuchungsmethodik (methodenbuch), herausgegeben vom Verband Deutscher Landwirtschaftlicher Untersuchungsanstalten in Verbindung mit dem Forschungsdienst (Reichsarbeitsgemeinschaften der Landwirtschaftswissenschaft). v. 3, 119 p. Neudamm, Neumann, 1941. 395 H43

Contents: Die untersuchung von futtermitteln; [1] Chemische untersuchung von futtermitteln, by P. E. Malkomesius, p. 1-38; [2] Mikroskopische und biologische untersuchung von futtermitteln, by G. Claus, p. 39-101.

5776 INTERNATIONAL BUSINESS CONFERENCE, RYE, N. Y., 1944. Final reports. 64 p. N. Y., 1945. 280.9 In894F

Includes section on Raw materials and foodstuffs, with topics: Extent and direction of government participation in production, processing, and distribution; Trade barriers and discrimination; National self-sufficiency; International standards of quality, weights and measures; Expansion of industrial utilization of raw materials; and Improved living standards.

5777 INTERNATIONAL RUBBER REGULATION COMMITTEE. The history of rubber regulation, 1934-1943. Ed. by Sir A. McFadyean. 239 p. London, Allen & Unwin, 1944. 286.378 In8

5778 MCCULLOCH, E. C. Disinfection and sterilization. Ed. 2, rev., 472 p. Phila., Lea & Febiger, 1945. 449.3 M13

Includes use of heat in pasteurization, cooking and canning; use of cold and dehydration in food protection; use of acids in food preservation.

5779 NATIONAL PUBLISHERS ASSOCIATION. Grade labeling and the consumer; an informative study. 98 p. N. Y., 1945. 280.3 N217

5780 \*NAUPERT, A. Werkstoffe des bekleidungsgewerbes. Ed. 2, 73 p. Leipzig, Teubner, 1943. (Teubners Berufs- und Fachbücherei, Hft. 64) 304 N22

Contains discussion of various fibers.

5781 \*POSER, K. Austauschstoffe für leder und ihre sachgemäße behandlung. 71 p. Berlin, Handwerker-Verlagshaus Hans Holzmann, 1941. (Schriftenreihe des Deutschen Schuhmachermeisters, Hft. 2) 303 P84

Includes rubber and wood as leather substitutes in the shoe industry.

5782 RIVAS, J. G. Fabricación de quesos. 214 p. Buenos Aires, Editorial Sudamericana, 1943. (Enciclopedia Agropecuaria Argentina 16) 44 R52

5783 TAYLOR, N. Cinchona in Java; the story of quinine. 87 p. N. Y., Greenberg, 1941. Ref., p. 80-84. 71.1 T21

Includes treatment of malaria and a discussion of Anopheles as vector.

5784 U. S. CONGRESS. HOUSE. COMMITTEE ON BANKING AND CURRENCY. Extension of Emergency Price Control Act. Hearings...78th Cong., 2d sess. on H. R. 4376...v. 1, Apr. 12, 13, 14, 17-21, 24-28, May 1, 2, 3, 4, and 5, 1944. 1297 p. Washington, 1944. 284.3 Un395

5785 U. S. CONGRESS. HOUSE. SPECIAL COMMITTEE TO INVESTIGATE EXECUTIVE AGENCIES. Hearings...79th Cong., 1st sess. pursuant to H. Res. 88...Pt. 2, Mar. 20, 21, 1945. Hearings on sugar allocations. Amendment No. 10 to 2d rev. RO3, dated March 15, 1945, Office of Price Administration. 937 p. Washington, 1945.

Topics include rationing; the 1945 Sugar Beet and Sugarcane Price Support Program; support prices on farm products; and the nutritive value of candy.

5786 U. S. CONGRESS. HOUSE. SPECIAL COMMITTEE TO INVESTIGATE FOOD SHORTAGES. Food shortages. Hearings...79th Cong., 1st sess. pursuant to H. Res. 195...Pt. 2. Sugar. 1022 p. Washington, 1945.

5787 U. S. CONGRESS. SENATE. COMMITTEE ON BANKING AND CURRENCY. To consolidate certain R. F. C. corporations. Hearing...79th Cong., 1st sess. on S. J. Res. 65...May 15, 1945. 13 p. Washington, 1945.

Rubber Reserve Company included.

5788 U. S. OFFICE OF PRICE ADMINISTRATION. The meat control program. 2 p., processed. Washington, 1945. 173.403 M46

5789 U. S. TARIFF COMMISSION. Economic controls and commercial policy in Bolivia. 23 p., processed. Washington, 1945. 173 T17Ec

Trade restrictions and price control included.

5790 U. S. TARIFF COMMISSION. Economic controls and commercial policy in Chile. 25 p., processed. Washington, 1945. 173 T17Ecc

Trade regulation, the work of the Junta de Exportación Agrícola, and price control are included.

5791 U. S. TARIFF COMMISSION. Economic controls and commercial policy in Colombia. 25 p., processed. Washington, 1945. 173 T17Ecco

Government aids to agriculture, rationing, and price and trade control.

5792 U. S. TARIFF COMMISSION. Economic controls and commercial policy in Ecuador. 25 p., processed. Washington, 1945. 173 T17Ece

Rationing, price control, and trade restrictions.

5793 U. S. TARIFF COMMISSION. Economic controls and commercial policy in Peru. 25 p., processed. Washington, 1945. 173 T17Ecp

Trade and price control and rationing.

5794 U. S. TARIFF COMMISSION. Economic controls and commercial policy in Uruguay. 27 p., processed. Washington, 1945. 173 T17Ecu

Trade and price control and rationing.

5795 U. S. TARIFF COMMISSION. Mining and manufacturing industries in Bolivia. 29 p., processed. Washington, 1945. 173 T17Mm

Textile, beverage, food processing, and other industries.

5796 U. S. TARIFF COMMISSION. Mining and manufacturing industries in Chile. 37 p., processed. Washington, 1945. 173 T17Mmc

Food processing, beverage, textile, and leather industries included.

5797 U. S. TARIFF COMMISSION. Mining and manufacturing industries in Colombia. 45 p., processed. Washington, 1945. 173 T17Mco

Includes the textile, leather, food processing, and beverage industries.

5798 U. S. TARIFF COMMISSION. Mining and manufacturing industries in Ecuador. 19 p., processed. Washington, 1945. 173 T17Mme

Includes the textile, leather, food processing, and beverage industries.

5799 U. S. TARIFF COMMISSION. Mining and manufacturing industries in Peru. 31 p., processed. Washington, 1945. 173 T17Mmp

Includes the food processing, leather, beverage, and textile industries.

5800 U. S. TARIFF COMMISSION. Mining and manufacturing industries in Uruguay. 23 p., processed. Washington, 1945. 173 T17Mmu

Includes the food processing, beverage, and textile industries.

5801 U. S. TARIFF COMMISSION. Mining and manufacturing industries in Venezuela. 31 p., processed. Washington, 1945. 173 T17Mmv

Includes the food processing, beverage, textile, and other industries.

5802 U. S. TARIFF COMMISSION. Recent developments in the foreign trade of Venezuela. 83 p., processed. Washington, 1945. 173 T17Rfv  
Agricultural products included.

#### ANIMAL INDUSTRY

5803 BEILBY, H. N. The Staffordshire Bull Terrier. 72 p. London, Blackie, 1943. 48 B39



5804 \*BRESSOU, C. Aide-mémoire d'ostéologie comparée des animaux domestiques. 103 p. Paris, Vigot, 1944. 444 B753

5805 BROWN, W. F. Retriever gun dogs; history, breed standards and training, upland game and waterfowl specialists. 143 p. N. Y., Barnes, 1945. 48 B81R

5806 CARABELLI, A. J. Horsemanship and horses; a selection of books exclusive of fiction published since 1900. 20 p. Washington, D. C., Washington Bridge Trails Assoc., 1945. 241 C17

5807 EAST, H. R. How to train dogs for the home, stage and moving pictures. 175 p. London, Pitman, 1944. 48 Ea7

5808 \*FAELLI, F. Animali da cortile. Ed. 4, rev. 495 p. Milano, Hoepli, 1939. 47 F12

5809 FARSHLER, E. R. Riding and training. 297 p. Louisville, Ky., Standard Printing Co., 1945. 42 F25R

5810 GOING, C. G. Dogs at war. 179 p. N. Y., Macmillan, 1945. 48 G56

5811 SHEEP and wool, from breeding to market for 4-H farmers. 98 p. Kansas City, Brown-White-Lowell Press, 1945. 45 Sh32

Contents: I. The history of sheep, by A. E. Darlow; II. The various breeds of sheep in America, by J. W. Sanders; III. Establishing a farm flock, by H. M. Briggs; IV. Sheep raising in America, by C. G. Elling; V. The care of sheep, by H. M. Briggs; VI. Housing and feeding sheep, by M. A. Alexander; VII. Marketing lambs and sheep, by H. M. Briggs; VIII. Wool - its care and preparation for market, by R. F. Cox; IX. Wool and the grading of wool, by M. A. Alexander; X. Parasites and diseases of sheep, by H. M. Briggs and K. S. Harmon; XI. Sheep on the western ranges, by J. A. Hill; XII. Farm cooperatives - who and what they are, by J. W. Sanders; XIII. The 4-H Clubs, by R. A. Turner.

5812 SMITH, C. W. The South African poultry book. 318 p. Cape Town, Central News Agency, 1944. 47 Sm53

5813 TOWNE, C. W., and WENTWORTH, E. N. Shepherd's empire. 364 p. Norman, U. of Okla. Press, 1945. Ref., p. 335-347. 45 T66

History of sheep grazing in the United States.

5814 \*WACKER, H. Bäuerliche viehwirtschaft; ein leitfaden der viehhaltung und fütterung für landwirtschaftsschulen und die praxis. 277 p. Berlin, Parey, 1943. 40 W11

5815 WALKER, J. F. Sheep breeding. 128 p. Chicago, Breeder Pubs., 1945. 45 W15S

5816 WYMAN, W. D. The wild horse of the West. 348 p. Caldwell, Idaho, Caxton, 1945. Ref. 42 W98

#### ENTOMOLOGY

5817 \*FÉDÉRATION FRANÇAISE DES SOCIÉTÉ DE SCIENCES NATURELLES. OFFICE CENTRAL DE FAUNISTIQUE. Faune de France. 38, 39, 40, 41, 42. Paris, Lechevalier, 1941-1943. 411 F273

Contents: 38. Coléoptères scarabéides, by R. Paulian, 239 p. Ref.; 39-40. Coléoptères carabiques. Pt. 1-2, by R. Jeannel, 1173 p.; 41. Coléoptères buprestides, by A. Théry, 221 p. Ref.; 42. Psocoptères, by A. Badonnel, 164 p.

Include new spp. and forms.

5818 \*HOMMELL, R. Apiculture. Ed. 5, 501 p. Paris, Baillière, 1942. (Encyclopédie Agricole) 424 H75

5819 MALLIS, A. Handbook of pest control; the behavior, life history, and control of household pests. 554 p. N. Y., MacNair-Dorland, 1945. 423 M292

5820 \*PORTEVIN, G. Ce qu'il faut savoir des insectes. III. Orthoptères - Hyménoptères - Diptères et insectes inférieurs. 255 p. Paris, Lechevalier, 1942. (Savoir en Histoire Naturelle IV) 422 P834

5821 ROWE, H. G. Starting right with bees; or, Beginner's hand book on bees. Originally written by H. G. Rowe, but largely rewritten with supplementary chapters, by E. R. Root. Ed. 7, 104 p. Medina, Ohio, A. E. Root Co., 1945. 424 R79

Ch. 9, Building Up Colonies; ch. 10, Food Chamber, and part of ch. 6 and ch. 19, by M. J. Deyell.

5822 \*SÉGUY, E. Études sur les mouches parasites. Tome II. calliphorides: calliphorines (suite), sarcophagines, et rhinophorines de l'Europe occidentale et méridionale. Recherches sur la morphologie et la distribution géographique des diptères à larves parasites. 436 p. Paris, Lechevalier, 1941. Ref., p. 391-412. (Encyclopédie Entomologique, sér. A 21) 428 Se3E

New spp. in: Sarcotachina; Sarcophaga; Blaesoxipha; Apodacra 2; Taxisgramma; Araba.

5823 VENEZUELA. MINISTERIO DE SANIDAD Y ASISTENCIA SOCIAL. DIVISIÓN DE MALARIOLOGÍA. Curso de malarilogía. 2 v. Maracay, 1944. 448 V552

Partial contents: Pt. II. Entomología, by P. Cova-García and A. Gabaldon; Pt. IX. Ingeniería antimalarica y control de mosquitos, by A. L. Berti.

#### FOOD AND HUMAN NUTRITION

5824 HEATH, A. Good food for children. 123 p. London, Faber, 1944. 389.25 H352Gf

5825 LAGER, M. The useful soybean: a plus factor in modern living. 295 p. N. Y., McGraw-Hill, 1945. 389.1 L13

5826 \*RUDOLPH, W. Die vitamine der hefe. Ed. 2, enl., 130 p. Stuttgart, Wissenschaftliche Verlagsgesellschaft, 1944. Ref., p. 122-130. 389.1 R83

5827 WILLIAMS, R. J. What to do about vitamins. 56 p. Norman, U. of Okla. Press, 1945. 389.1 W676

5828 WOHL, M. G., ed. Dietotherapy; clinical application of modern nutrition. 102 p. Phila., Saunders, 1945. 389.1 W52

#### FORESTRY

5829 BOERKER, R. H. D. Behold our green mansions, a book about American forests. 313 p. Chapel Hill, U. of N. C. Press, 1945. 99.61 B63B

5830 MATTIELLO, J. J. Protective and decorative coatings. 349 p. Washington, U. S. Off. of the Quartermaster Gen., 1945. 152.71 P94

Contains: Drying oils, by J. S. Long, p. 6-15; Naval stores as raw materials for the paint industry, by J. L. Boyer, p. 16-29; New derivatives of naval stores - rosin derivatives in the war, by F. G. Oswald, p. 30-41; New derivatives of naval stores - derivatives of rosin and other resins, by J. M. Schantz, p. 42-56.

5831 U. S. CONGRESS. HOUSE. COMMITTEE ON INTERSTATE AND FOREIGN COMMERCE. Brand names and newsprint. Hearings...79th Cong., 1st sess. pursuant to H. Res. 98 (78th Cong.) (Extended by H. Res. 93, 79th Cong.)...Pt. 1, newsprint, Mar. 5, 12, 19, Apr. 16, 17, and 23, 1945. 193 p. Washington, 1945.

Includes data on production and consumption of wood pulp, paper, and paper products, and newsprint allocations.

5832 \*VANSELOW, K. Einführung in die forstliche zuzachs- und ertragslehre. 155 p. Frankfurt a. M., Sauerländer, 1941. 99.46 V36E

5833 \*VORREITER, L. Handbuch für holzabfallwirtschaft. Ed. 2, rev. and enl., 519 p. Neudamm, Neumann, 1943. 99.75 V91

5834 \*WICHMANN, H. Maschinen und werkzeuge für die spangebende holzbearbeitung. 59 p. Berlin, Springer, 1940. (Werkstattbücher für Betriebsbeamte, Konstrukteure und Facharbeiter, Hft. 78) 99.77 W63

#### PLANT SCIENCE

5835 BETTER HOMES AND GARDENS. Vegetable garden guide. 27 p. n. p., Meredith, 1945. 91.15 B462

5836 CARPENTER, H. E. Flower heaven. 240 p. Phila., Dorrance & Co., 1945. 97 C22



- 5837 \*CHEVALIER, A. Les caféiers du globe. Fasc. II. Iconographie des caféiers sauvages et cultivés et des rubiacées prises pour des caféiers. 36 p., 158 plates. Paris, P. Lechevalier, 1942. (Encyclopédie Biologique XXII) 68.2 C423  
Coffea species, plates 1-117; Rubiaceae, plates 118-158.
- 5838 \*CIFERRI, R., and others. I cereali dell'Africa Italiana. I-II. Firenze, Regio Istituto Agronomico per l'Africa Italiana, 1939. Ref. (Biblioteca Agraria Coloniale) 59 C482  
I. I frumenti dell'Africa Orientale Italiana studiati su materiali originali, by R. Ciferri and G. R. Giglioli. 298 p.; II. Il teff (*Eragrostis teff*) cereale da panificazione dell'Africa Orientale montana, by R. Ciferri and I. Baldrati, con un'Appendice su le malattie crittogamiche, by E. Castellani and A. Cicccarone. 106 p.
- 5839 CULTIVO de frutales de gran rendimiento; palto, higuera, chirimoyo, papayo, frutilla, fresa, frambuesa, grosella, melones y sandías. Ed. 2, 131 p. Santiago de Chile, Ediciones Ercilla, 1942. (Manuales Ercilla) 93.23 C89
- 5840 DANIELS, M. H. Gardens as illustrated in prints, a picture book. Ed. 2, 27 p. N. Y., N. Y. Metrop. Mus. of Art, 1944. 90.51 N48
- 5841 DUQUE JARAMILLO, J. M. Botánica general colombiana. v. 2. Genética y geobotánica agrícolas. 273 p. Manizales, Imprenta del Departamento, 1944. 457.5 D92
- 5842 GILMAN, J. C. A manual of soil fungi. 392 p. Ames, Iowa, Collegiate Col. Press, 1945. Ref., p. 367-376. 462 G42
- 5843 IMPERIAL BUREAU OF PLANT BREEDING AND GENETICS. New and promising varieties of field and horticultural crops, recently described in the literature (6th issue). 30 p. Cambridge, Eng., 1945. 64.9 Im72N
- 5844 IMPERIAL MYCOLOGICAL INSTITUTE, KEW. Distribution maps of plant diseases. Nos. 79-80. Kew, Eng., 1945. 464.9 Im7
- 5845 KING, F. C. The compost gardener. 90 p. Kendal, Eng., Wilson, 1943. 91.15 K58  
Instructions for the cultivation of vegetables.
- 5846 \*KLAPP, E. Der Futterbau; ein Wegweiser für die Praxis. 141 p. Berlin, Parey, 1943. 60 K66
- 5847 \*KUCKUCK, H. Von der Wildpflanze zur Kulturpflanze, die Bedeutung der natürlichen und künstlichen Zuchtwahl für die Entstehung neuer Pflanzenrassen. Ed. 2, 70 p. Berlin, Metzner, 1943. 463.6 K95
- 5848 MARIL, L. Crack & crunch: nuts in fact and fancy. 64 p. N. Y., Coward-McCann, 1945. 94.6 M33
- 5849 \*MIEHE, H. Taschenbuch der Botanik. Erster teil. Morphologie, Anatomie, Fortpflanzung, Entwicklungsgeschichte, Physiologie. Bearbeitet von W. Mevius. Ed. 13, enl., 226 p. Leipzig, Thieme, 1944. 463 M58
- 5850 MORRIS, B. T. Tropical fruits grown in the Americas. 22 p., processed. Washington, Off. of the Coordinator of Inter-American Affairs, Res. Div., 1945. 173.3 In8T
- 5851 NATIONAL ROSTER OF SCIENTIFIC AND SPECIALIZED PERSONNEL. Handbook of description of specialized fields in plant pathology. 9 p., processed. Washington, D. C., 1945. 173.4 W193Nn
- 5852 PARKER, B. M. Plant factories. 36 p. Evanston, Ill., Row, Peterson and Co., 1944. (The Basic Science Education Series) 409.5 P22Pf
- 5853 \*PEYRE, P. Les abricotiers, indigènes & exotiques. 216 p. Paris, Jouve, 1943. 452.35 P46
- 5854 \*PEYRE, P. Les noisetiers & coudriers. 167 p. Paris, Jouve, 1943. 452.35 P46No
- 5855 \*PEYRE, P., and LANCOSME, E. Les noyers, indigènes & exotiques; histoire, légendes, littérature. 447 p. Paris, Jouve, 1941. Ref., p. 429-442. (Les Arbres & Fruits Oléagineux) 452.35 P46N
- 5856 \*PEYRE, P. Sur les marronniers, indigènes & exotiques. 225 p. Paris, Jouve, 1943. Ref., p. 209-222. (Série des Oléagineux) 452.35 P46M  
Aesculus, particularly A. hippocastanum.
- 5857 \*ROUEST, A. Le soja français. 48 p. Argenton, France, Langlois, 1942. 60.3 R752
- 5858 VERDOORN, F., ed. Plants and plant science in Latin America. 383 p. Waltham, Mass., Chronica Botanica, 1945. Ref. (A New Series of Plant Science Books, v. 16) 453 V58  
Articles in this book, except reprints, will be listed under subject in the Periodical Section of the September issue of this Bibliography.
- 5859 \*WEHNELT, B. Die Pflanzenpathologie der deutschen Romantik. 236 p. Bonn, Scheur, 1944. Ref., p. 209-231. 464 W42  
Thesis - Köln.
- 5860 WELCH, A. Plow not, weed not, and really enjoy your garden. 32 p. Canaan, N. H., The Author 1945. 91.15 W44
- 5861 YOUNGMAN, W. H. Our victory garden; a complete garden helper for Washington and nearby Virginia and Maryland. 64 p. Washington, D. C., Evening Star, 1945. 91.15 Y8

## SOILS AND FERTILIZERS

- 5862 \*DEMOLON, A. La dynamique du sol. Ed. 3, 387 p. Paris, Dunod, 1944. (Principes d'Agronomie, t. 1). 56 D39
- 5863 U. S. CONGRESS. HOUSE. COMMITTEE ON IRRIGATION AND RECLAMATION. Amending Reclamation Act to include logged or cut-over lands and swamp lands. Hearings...78th Cong., 2d sess. on H. R. 3787...Dec. 7, 1944. 23 p. Washington, 1945. 54 Un3
- 5864 U. S. CONGRESS. SENATE. COMMITTEE ON APPROPRIATIONS. Interior Department Appropriation Bill for 1946. Hearings...79th Cong., 1st sess. on H. R. 3024. 1182 p. Washington, 1945.  
Includes soil conservation, activities of the General Land Office, grazing and grazing lands, Indian affairs, national parks, and reclamation.

## MISCELLANEOUS

- 5865 BAIKOV, A. A. Twenty-five years of the Academy of Sciences of the U. S. S. R. 40 p. N. Y., Amer. Russian Inst., 1944. 511 AK15  
Research in various branches of science.
- 5866 BEEBE, W. The book of naturalists; an anthology of the best natural history. 499 p. N. Y., Knopf, 1945. 409 B39
- 5867 \*BRESSE, G. L'histoire naturelle pour tous. Zoologie. 269, 260 p. Paris, Baillière, n. d. 409 B74
- 5868 CARLSON, R. E. Outdoors indoors. 52 p. N. Y., Natl. Recreation Assoc., 1945. 409.5 N212  
Nature study for those confined indoors.
- 5869 DUPRE, H. Rarities in Lexington 1819-1826. 99 p. Lexington, Ky., Bur Press, 1945. Ref., p. 87-94. (Kentucky Monographs, No. 2) 120 R12
- 5870 HARRISON, R. The Rambler's book of wild life ... a fascinating description of fauna and flora. 90 p. Bognor Regis, Eng., Crowther, 1944. 409 H24
- 5871 \*HESSE, R., and DOFLEIN, F. Tierbau und tierleben in ihrem Zusammenhang betrachtet. Ed. 2, v. 2, 828 p. Jena, Fischer, 1943. 444 H45
- 5872 KENOYER, L. A., and GODDARD, H. N. General biology. Rev. ed., 653 p. N. Y., Harper, 1945. 442 K41
- 5873 \*KÜHN, A. Grundriss der allgemeinen Zoologie. Ed. 8, 278 p. Leipzig, Thieme, 1944. 411 K95
- 5874 UNGEWITTER, C., ed. Science and salvage; from the German "Verwertung des Wertlosen." 183 p. London, Lockwood, 1944. 388 Un32  
Has chapters on forest products and agricultural wastes.



5875 U. S. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. First supplemental Appropriation Bill for 1945. Hearings...78th Cong., 2d sess. 716 p. Washington, 1944. 148.9 Ap6

Includes statements on the need of additional funds for various activities of the Department of Agriculture.

5876 U. S. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. National War Agencies Appropriation Bill for 1946. Hearings...79th Cong., 1st sess. 1357 p. Washington, 1945.

Includes War Relocation Authority.

5877 U. S. TARIFF COMMISSION. Agricultural, pastoral, and forest industries in Chile. 47 p., processed. Washington, 1945. 173 T17Ag

5878 U. S. TARIFF COMMISSION. Agricultural, pastoral, and forest industries in Venezuela. 27 p., processed. Washington, 1945. 173 T17Agv

5879 WEIGERT, H. W., and STEFANSSON, V., eds. Compass of the world; a symposium on political geography. 466 p. N. Y., Macmillan, 1945. 278 W42  
Heartland, Grassland, and Farmland, by J. R. Smith, p. 148-160.



## PERIODICAL AND SERIAL LITERATURE

## PLANT SCIENCE

## GENERAL

- 5880 BECK, G. F. Ancient forest trees of the sagebrush area in central Washington. J. Forestry 43: 334-338. May 1945. 99.8 F768  
Study of the petrified flora.
- 5881 BERRY, E. M. The origin of land plants and four other papers. Johns Hopkins U. Studies Geol. No. 14, 194 p. Baltimore, 1945. 402.1 B45  
Contents: The beginnings and history of land plants, p. 9-90; Fossil floras from Ecuador, p. 93-150; The Weichselian stage in the Andean geosyncline, p. 151-170; Late tertiary fossil plants from eastern Colombia, p. 171-186; The genus *Linguifolium* of Arber, p. 187-190.
- 5882 C., F. C. More stories in plant names. Seed World 57(12): 34-35. June 15, 1945. 61.8 Se52
- 5883 CASEY, J. Wild flowers. Sheep and Goat Raiser 25(9): 37. June 1945. 45.8 Sh3
- 5884 CHINOY, J. J. A simple micro-macerator for plant analysis. Cur. Sci. [Bangalore], 14: 102-103. Apr. 1945. 475 Sci23
- 5885 DODGE, B. O. Some remarks on mycogenetic terminology. Mycology 37: 360-369. May/June 1945. 450 M99
- 5886 ESSON, J. G. America's public gardens; the New York Botanical Garden. Gard. Chron. Amer. 49: 184-185. July 1945. 80 G1632
- 5887 FISHER, G. M. State flowers--California poppy. Gard. Chron. Amer. 49: 168. June 1945. 80 G1632
- 5888 HOLDRIDGE, L. R. Botanical work of the Cinchona missions. Science 101: 638-639. June 22, 1945. 470 Sci2  
Clarifies the work of the Cinchona missions in South America as described by W. C. Steere (Bibliography of Agriculture item 14676), emphasizing the part played by the forestry profession.
- 5889 JUDKINS, W. P. A device for measuring Avena coleoptile curvature. Science 101: 568. June 1, 1945. 470 Sci2
- 5890 \*K. Das Saatgut einer Keimprobe unterziehen. Schweiz. Gart., No. 3, p. 87. Mar. 1945. 80 Sch93
- 5891 MARSH, R. W. Mycological contacts. Brit. Mycol. Soc. Trans. 28: 1-10. Apr. 1945. 451 B76  
Mycology and agricultural science; industrial and medical mycology; relation with other societies.
- 5892 SCHMIDT, M. G. Native plants of Siskiyou and Modoc Counties. Calif. Hort. Soc. J. 6: 217-222. Apr. 1945. 81 C1293
- 5893 SCHUBERT, B. G. Publication of Jacquin's Icones plantarum rariorum. Gray Herbarium, Harvard U., Contrib. No. 154, p. 3-23. June 15, 1945. 451 G792
- 5894 SCHULTZ, E. F. Notas sobre algunos aspectos agronomicos del Valle de Tafi. Tucuman. Estac. Expt. Agr. Rev. Indus. y Agr. 34: 92-94. Apr./June 1944. 9 T79  
Deciduous fruits and forage crops.
- 5895 SIMMONDS, A. Who was who? Roy. Hort. Soc. J. 70: 73-78. Mar. 1945. 84 L84J  
History of varietal naming of plants and the persons for whom they were named.
- 5896 SPECK, F. G., and DODGE, E. S. On the fable of Joe Pye, Indian herbalist, and Joe Pye weed. Sci. Monthly 61: 63-66. July 1945. 470 Sci23  
Legend of an Indian medicine-man and his cure for fever victims by use of *Eupatorium purpureum*.
- 5897 THOMSON, J. W., JR. Woodlots and wild flowers. Wis. Conserv. B. 10(5/6): 11-12. May/June 1945. 279.8 W752
- 5898 VAN REMLAR, M. The "U. S. Botanical Garden" again. Science 101: 678. June 29, 1945. 470 Sci2  
Past and present status of the Washington, D. C., National Botanical Garden.

- 5899 WOODWARD, C. H. New York Botanical Garden's fiftieth anniversary. Parks & Recreation 28: 149-153. May/June 1945. 99.8 P23
- 5900 YARIAN, N. C. Our wild orchids; what we can do to save them from extinction. Flower Grower 32: 301-302, 324-325. June 1945. 80 M72

## SYSTEMATIC AND GEOGRAPHIC BOTANY

## General

- 5901 ALLARD, H. A., and LEONARD, E. C. Plants collected on and around Mount Katahdin in Maine. Castanea 10: 46-53. June 1945. 450 So82
- 5902 \*BENOIST, R. Plantes récoltées en Equateur. Soc. Bot. de France B. 91: 97-100. (Cont.) 1944. 451 F84B
- 5903 CHAPMAN, H. L. R. Plants our boys will see in the Pacific area. Mich. Hort. Soc. Hort. News 11: 69. (Cont.) May 1945. 80 H7815
- 5904 DEGENER, O. Tropical plants the world around. II. N. Y. Bot. Gard. J. 46: 110-125. May 1945. 451 N48J
- 5905 EASTWOOD, A. The wild flower gardens of San Francisco in the 1890's. Leaflets West. Bot. 4: 153-156. May 21, 1945. 450 L47
- 5906 EIFRIG, C. W. G. Looking at plants in Florida. Amer. Bot. 51: 36-38. Apr. 1945. 450 Am33
- 5907 \*FEDCHENKO, B. A. Issledovatel'skiy flory Irana (The investigators of the flora of Iran). Bot. Zhur. S. S. S. R. (J. Bot. de l'U. R. S. S.) 30: 31-43. 1945. 451 R923
- 5908 FERNALD, M. L. Botanical specialties of the Seward Forest and adjacent areas of southeastern Virginia. Rhodora 47: 191-204. (Cont.) June 1945. 450 R34
- 5909 FERNALD, M. L. An incomplete Flora of Illinois. Rhodora 47: 204-219. June 1945. 450 R34  
A critique of G. N. Jones' Flora of Illinois.
- 5910 JUST, T. The proper designation of the vascular plants. Bot. Rev. 11: 299-309. June 1945. Ref. 450 B6527
- 5911 \*SENARATNA, J. E. Systematic notes on the flora of Ceylon. Ceylon J. Sci. Sect. A, Bot. 12: 161-168. Feb. 15, 1945. 451 P41

## Spermatophytes

- 5912 ALLARD, H. A. A second record for the paper birch, *Betula papyrifera*, in West Virginia. Castanea 10: 55-57. June 1945. 450 So82
- 5913 ALLARD, H. A. The spurred butterfly pea, *Centrosema virginianum*, in the District of Columbia area. Castanea 10: 33-35. June 1945. 450 So82
- 5914 AMMONS, N., and CORE, E. L. The hollies of West Virginia. Castanea 10: 57-60. June 1945. 450 So82  
*Nemopanthus mucronata*, *Ilex opaca*, *I. collina*, *I. montana*, and *I. verticillata*.
- 5915 \*BATHIE, H. P. DE LA. *Salvadoropsis* nouveau genre de celastracées de Madagascar. Soc. Bot. de France B. 91: 96-97. 1944. 451 F84B
- 5916 BEETLE, A. A. *Scirpus tuberosus* in California. Leaflets West. Bot. 4: 170. May 21, 1945. 450 L47
- 5917 BLAKE, S. F. Asteraceae described from Mexico and the southwestern United States by M. E. Jones, 1908-1935. U. S. Natl. Mus. Contrib. U. S. Natl. Herbarium 29: 117-137. 1945. 450 C76
- 5918 CAHEN, E. The duke's tea tree [*Lycium chinense*]. Roy. Hort. Soc. J. 70: 79-81. Mar. 1945. 84 L84J
- 5919 \*CAMUS, A. *Chloris humbertiana* A. Camus, espèce nouvelle de Madagascar. Soc. Bot. de France B. 91: 63-64. 1944. 451 B69
- 5920 \*CAMUS, A. Un nouvel hybride du genre *Bromus*. Soc. Bot. de France B. 91: 79-80. 1944. 451 F84B  
*xBromus guetrotii* (*B. sterilis* x *B. tectorum*).



- 5921 CARABIA, J. P. Notas sobre la nomenclatura de algunas palmas cubanas (Notes on the nomenclature of several Cuban palms). Caribbean Forester 6: 159-164, processed. Apr. 1945. 1.9622 T2C23
- 5922 CASTELLANOS, A. Bromeliaceae argentinae novae vel criticae. V. Lilloa 10: 445-467. Dec. 29, 1944. 450 L62  
French summary.
- 5923 CASTELLANOS, A. Contribución a la flora de San Luis. II. El guayacán [Caesalpinia melanocarpa] del Bajo de los Vélez. Lilloa 10: 433-444. Dec. 29, 1944. 450 L62  
French summary.
- 5924 CASTELLANOS, A. La especie de Ficus [F. maroma n. sp.] del noroeste argentino. Lilloa 10: 483-491. Dec. 29, 1944. 450 L62
- 5925 CASTELLANOS, A., and LELONG, H. V. Una nueva especie de Opuntia [O. schultzei]. Lilloa 10: 396-402. Dec. 29, 1944. 450 L62  
German summary.
- 5926 CASTELLANOS, A. Opuntia weberi Speg. var. dispar Castell. et Lelong. Lilloa 10: 469-470. Dec. 29, 1944. 450 L62  
Completion of technical description given in Kakteen-Jahrbuch 1: 51. 1936.
- 5927 CHEVALIER, A. Plantes adventices introduites par la guerre actuelle à Paris et aux environs. Soc. Bot. de France B. 91: 102-106. 1944. 451 F84B
- 5928 CLAUSEN, R. T., MORAN, R. V., and UHL, C. H. The taxonomy and cytology of Hasseanthus. Desert Plant Life 16: 69-83. May 1945. 450 D45
- 5929 CLOKEY, I. W. Notes on the flora of the Charleston Mountains, Clark County, Nevada. VI. Madroño 8: 56-61. Apr. 1945. 450 M26  
Includes Viola charlestonensis n. sp.
- 5930 CLUTE, W. N. The dwarf cornel [Cornus canadensis]. Amer. Bot. 51: 31-33. Apr. 1945. 450 Am33
- 5931 COMBER, H. F. Liliun cathayanum. Roy. Hort. Soc. J. 70: 78-79. Mar. 1945. 84 L64J
- 5932 COVAS, G., and SCHNACK, B. Una nueva especie de verbenácea del género Glandularia [G. hookeriana], de la flora argentina. Rev. Argentina de Agron. 12: 57-59. Mar. 20, 1945. 9 R327
- 5933 CUGNAC, A. DE, and CAMUS, A. Un x Festulolium expérimental nouveau: Festulolium colini--Lolium temulentum x Festuca pratensis. Soc. Bot. de France B. 91: 16-19. 1944. 451 F84B
- 5934 DAVIS, R. S. Dendrobium undulatum. Amer. Orchid. Soc. B. 14(1): 16. June 1, 1945. 80 Am329
- 5935 EASTWOOD, A. New varieties of two well-known Californian plants. Leaflets West. Bot. 4: 166-167. May 21, 1945. 450 L47  
Umbellularia californica var. fresnensis and Linanthus dichotomus var. meridianus.
- 5936 EWAN, J. Yuncus mertensianus and its austral limit segregate, J. duranii. Rhodora 47: 185-191. June 1945. 450 R34
- 5937 GAGNEPAIN, F. Tetrastigma (ampélidacées) nouveaux d'Indochine. Soc. Bot. de France B. 91: 32-36. 1944. 451 B69  
New genus in Vitaceae.
- 5938 GALWAY, D. The North American species of Smilacina. Amer. Midland Nat. 33: 644-666. May 1945. 410 M58
- 5939 GARNETT, C. S. Orchids in equatorial Brazil. Roy. Hort. Soc. J. 70: 48-52. Feb. 1945. 84 L84J
- 5940 GIRAUD, A. Sur une colonie de Saxifraga hirsuta L. (variété S. geum L.) aux abords de Pau. Soc. Bot. de France B. 91: 41-42. 1944. 451 B69
- 5941 GOULD, F. W. Notes on the genus Elymus. Madroño 8: 42-47. Apr. 1945. 450 M26
- 5942 GUILLAUMIN, A. Matériaux pour la flore de la Nouvelle-Calédonie. LXXXI-LXXXII. Soc. Bot. de France B. 91: 12-14, 42-47, 68-72. 1944. 451 B69  
LXXXI. Encore des espèces et localités nouvelles de rubiacées. 1-2. LXXXII. Sapotacées nouvelles. Includes n. spp. in Guettarda 4; Ixora; Morinda Psychotria 2; Chrysophyllum 3; Leptostylis; Planchonella; Tropolanthus.
- 5943 HARPER, R. M. Plantago cordata: a supplementary note. Castanea 10: 54. June 1945. 450 So82
- 5944 HARRIS, S. K. Plants of the Presidential Range. VI. The rush, lily, and orchis families. Appalachia, No. 99, p. 342-350. July 1945. 500 Ap4
- 5945 HASKIN, L. L. Poison parsnips. Amer. Bot. 51: 33-36. Apr. 1945. 450 Am33  
Includes nonpoisonous species of Umbelliferae.
- 5946 HOWELL, J. T. Carthamus in California. Leaflets West. Bot. 4: 161-163. May 21, 1945. 450 L47
- 5947 HOWELL, J. T. Marin County miscellany. III. Leaflets West. Bot. 4: 156-161. May 21, 1945. 450 L47
- 5948 HOWELL, J. T. Some noteworthy Californian plant collections. Leaflets West. Bot. 4: 168-170. May 21, 1945. 450 L47
- 5949 HOWELL, J. T. Studies in Rosaceae, tribe Potentilleae. Leaflets West. Bot. 4: 171-176. May 21, 1945. 450 L47  
1. A reconsideration of the genus Purpusia, 2. Synopsis of Potentilla subgen. Purpusia. 3. Nomenclatural transfers of Potentilla.
- 5950 HUNNEWELL, F. W. Geranium nepalense, var. thunbergii in Massachusetts. Rhodora 47: 219-220. June 1945. 450 R34
- 5951 HUTCHINSON, J. B. The cottons [Gossypium], of Puerto Rico. Puerto Rico U. J. Agr. 28: 35-42. Apr. 1944. 8 P832J
- 5952 HUTCHINSON, J. B., and MANNING, H. L. The sea island cottons. Empire J. Expt. Agr. 13: 80-92. Apr. 1945. 10 Em7  
History and characteristics of varieties of Gossypium barbadense.
- 5953 JONES, G. N. Malacomeles, a genus of Mexican and Guatemalan shrubs. Madroño 8: 33-39. Apr. 1945. 450 M26
- 5954 JONES, G. N. Sorbus andersoni, a new name for an Alaskan mountain-ash. Rhodora 47: 220. June 1945. 450 R34
- 5955 KRAPOVICKAS, A. Nota sobre el género Modiolastrum en la Argentina. Rev. Argentina de Agron. 12: 38-44. Mar. 20, 1945. Ref. 9 R327
- 5956 LEGRAND, D. Contribución al conocimiento de tres árboles argentinos de la familia de las mirtáceas. Lilloa 10: 471-482. Dec. 29, 1944. 450 L62  
Eugenia pseudo-mato n. sp., E. mato, and Myrtus guili.
- 5957 LOURTEIG, A. Lythraceae Argentinae. Addenda. Lilloa 10: 388-394. Dec. 29, 1944. 450 L62  
German summary.
- 5958 MACDOUGALL, T. Notes on Pseudorhipsalis macrantha. Cactus and Succulent J. 17: 58-59. May 1945. 451 C11
- 5959 MASON, H. L., and STOCKWELL, W. P. A new pine [Pinus washoensis n. sp.] from Mount Rose, Nevada. Madroño 8: 61-63. Apr. 1945. 450 M26
- 5960 MOLDENKE, H. N. Contributions to the flora of extra-tropical South America. VI. Lilloa 10: 363-385. Dec. 29, 1944. 450 L62
- 5961 MOLDENKE, H. N. The known geographic distribution of the members of the Verbenaceae and Avicenniaceae. Supplement 3. Castanea 10: 35-46. June 1945. 450 So82
- 5962 MORTON, C. V. A genus new to North America. Leaflets West. Bot. 4: 164-165. May 21, 1945. 450 L47  
Dopatrium junceum collected at Biggs Rice Field Station, Butte County, Calif.
- 5963 MORTON, C. V. Mexican phanerogams described by M. E. Jones. U. S. Natl. Mus. Contrib. U. S. Natl. Herbarium 29: 87-116. 1945. 450 C76
- 5964 NELSON, A. Rocky Mountain herbarium studies. VI. Amer. J. Bot. 32: 284-290. May 1945. 450 Am36  
New spp. in: Betula; Calyptridium; Aconitum; Delphinium 4; Thlaspi 3; Lupinus; Amsonia; Senecio; Taraxacum.



5965 \*NORMAND, D. Note sur l'anatomie du bois du genre nouveau Okoubaka. Soc. Bot. de France B. 91: 20-25. 1944. 451 B69

5966 PARODI, L. R. Una nueva especie de Gramínea del genero Chloris [C. halophila] y sus relaciones con los Gymnopocon. Rev. Argentina de Agron. 12: 45-50. Mar. 20, 1945. 9 R327

5967 \*PELLEGRIN, F. Vigna (papilionées) de l'oubangui. Soc. Bot. de France B. 91: 73-75. 1944. 451 F84B

Includes n. spp.: V. tisserantii, V. oubanguensis.

5968 PORTER, C. L. The Elaeagnaceae of Wyoming. Wyo. U. Rocky Mountain Herb. Leaflet 11, 4 p., processed. Laramie, 1945. (Contrib. toward a Flora of Wyoming) 451 W99

5969 PORTER, C. L. The Linaceae of Wyoming. Wyo. U. Rocky Mountain Herb. Leaflet 10, 4 p., processed. Laramie, 1945. (Contrib. toward a Flora of Wyoming) 451 W99

5970 PORTER, C. L. The Zygophallaceae of Wyoming. Wyo. U. Rocky Mountain Herb. Leaflet 9, 2 p., processed. Laramie, 1945. (Contrib. toward a Flora of Wyoming) 451 W99

5971 \*ROZANOVA, M. A. K poznaniu nekotorykh vidov, podvidov i raznovidnostei v predele conspecies Rubus idaeus L. (On some species, subspecies and varieties within the conspecies Rubus idaeus L.). Bot. Zhur. S. S. S. R. (J. Bot. de l'U. R. S. S.) 30: 44-48. 1945. 451 R923

English summary.

5972 RUSH, E. Echeverias. Cactus and Succulent J. 17: 83-85. June 1945. 451 C11

5973 SANTOS BILONI, J. Las "Pavonia" de los alrededores de Bs. Aires. Suelo Argentino 4: 259-260. Apr. 1945. 9 Su2

5974 SCHEFTER, T. H. The introduction of Spartina alterniflora to Washington with oyster culture. Leaflets West. Bot. 4: 163-164. May 21, 1945. 450 L47

5975 SCHULTES, R. E. The genus Hevea in Colombia. Harvard U. Bot. Mus. Leaflet 12: 1-19. June 14, 1945. 451 H262

5976 \*SENAY, P. Le seneçon [Senecio] adventice de Mazamet. Soc. Bot. de France B. 91: 111-113. 1944. 451 F84B

5977 SMITH, L. B. Studies in the Begoniaceae. I. Gray Herbarium, Harvard U., Contrib. No. 154, p. 23-31. June 15, 1945. 451 G792  
A. Miscellaneous novelties. B. Begonia of Sessé and Mociño.

Includes n. spp. in Begonia 5.

5978 SMITH, L. B. Studies in the Bromeliaceae-XIII. Gray Herbarium, Harvard U., Contrib. No. 154, p. 32-39. June 15, 1945. 451 G792

Includes new spp. in Aechmea; Billbergia 2; Catopsis; Greigia; Tillandsia 3; Vriesia.

5979 SORIANO, A. Notas sobre quenopodiáceas argentinas. Rev. Argentina de Agron. 12: 51-56. Mar. 20, 1945. Ref. 9 R327

5980 SOUTH AFRICAN STANDARDS INSTITUTION. TIMBER SUB-COMMITTEE. A standard nomenclature for South African grown timbers. 'N standaardbenaming van houtsoorte in Suid-Afrika gekweek. So. African Forestry Assoc. J., No. 12, p. 60-70. Dec. 1944. 99.9 So82

5981 SOUZA NOVELO, N. Apuntes relativos a la flora de Yucatán. Sigal de Yucatán 6(64): 16-17, 21-25. Apr. 1945. 73.8 S183

5982 STEARN, W. T. The Welsh onion and the Ever-ready onion. Gard. Chron. Amer. 49: 191-192. July 1945. 80 G1632

Name of Allium cepa perutil (Ever-ready onion) for the present day Welsh onion, and A. fistulosum for the Welsh onion of the 18th and 19th centuries.

5983 THARP, B. C. Noteworthy plants of Texas. I. Three new species from Texas: Thamnosma aldrichii, Anemone edwardsiana, Hypoxis humilis. Amer. Midland Nat. 33: 667-673. May 1945. 410 M58

5984 THARP, B. C., and BARKLEY, F. A. Noteworthy plants of Texas. IV. Pedionelum Rydberg. Madroño 8: 48-56. Apr. 1945. 450 M26

Includes 3 n. spp.

5985 UNDERWOOD, J. K. The genus Carex in Tennessee. Amer. Midland Nat. 33: 613-643. May 1945. 410 M58

5986 VAN MELLE, P. J. Saxiflora No. 24: "Dryas suendermanni." Amer. Rock Gard. Soc. B. 3: 39-41. May/June 1945. 81 Am342

5987 VARGAS C., C. Two new species of Bomarea from Peru. Gray Herbarium, Harvard U., Contrib. No. 154, p. 39-40. June 15, 1945. 451 G792  
B. herrerae and B. densifolia.

#### Pteridophytes

5988 SHAVER, J. M. Some notes on Tennessee cliffbrakes, chainferns, and the American hart's-tongue. Tenn. Acad. Sci. J. 20: 174-202. Apr. 1945. 500 T26A

Five species in Polypodiaceae.

#### Bryophytes

5989 \*ABEYWICKRAMA, B. A. The structure and life history of Riccia Mitt. Ceylon J. Sci. Sect. A, Bot. 12: 145-153. Feb. 15, 1945. Ref. 451 P41

5990 \*JOVET-AST, S. Calypogeia mülleriana (Schffn.) K. Müller en France. Remarques sur les espèces voisines. Soc. Bot. de France B. 91: 37-41. 1944. 451 B69

#### Algae

5991 \*CHADEFAUD, M. Une euglène à sillon pré-vestibulaire ventral. Soc. Bot. de France B. 91: 115-117. 1944. 451 F84B

5992 DAWSON, E. Y. Notes on Pacific Coast marine algae. II. South. Calif. Acad. Sci. B. 44: 22-27. Jan./Apr. 1945. 500 So8

5993 TAYLOR, W. R. Pacific marine algae of the Allan Hancock expeditions to the Galapagos Islands. Allan Hancock Pacific Exped. Rpts., v. 12, 528 p. Los Angeles, Calif., 1945. Ref., p. 307-316. 409 H196

Includes 100 plates.

#### Fungi (Including Lichens)

5994 BISBY, G. R. Stachybotrys and Memnoniella. Brit. Mycol. Soc. Trans. 28: 11-12. Apr. 1945. 451 B76

5995 \*BOSE, S. R. Importance of anatomy in systematics of Polyporaceae. Indian Bot. Soc. J. 23: 153-157. Nov. 1944. 450 J821

5996 CASH, E. K. Some new species of fungi on Libocedrus. Mycologia 37: 311-317. May/June 1945. 450 M99

Parkia libocedri n.g., n. sp., Camaropycnis libocedri, n. g., n. sp., Tryblidiella macrospora n. sp. on L. decurrens.

5997 CHIU, W. F. The Russulaceae of Yunnan. Lloydia 8: 31-59. Mar. 1945. 442.8 L77

Includes n. spp.: Russula 3; Lactarius 5.

5998 COOK, M. T. Species of Synchronium in Louisiana. I. Descriptions of species found in the vicinity of Baton Rouge, including seven new species. Mycologia 37: 284-294. May/June 1945. 450 M99

5999 DIEHL, W. W. Thielavia terricola from cotton fabric and from soils. (Abs.) Phytopathology 35: 484. June 1945. 464.8 P56

6000 ELLIS, D. E., and GILL, L. S. A new Rhizogloeum [R. hypophyllum n. sp.] associated with Rhizogloeum pseudotsugae in the Southwest. Mycologia 37: 326-332. May/June 1945. 450 M99

6001 FISCHER, G. W., and HIRSCHHORN, E. Observations on certain species of Ustilago on Hilaria, Stenotaphrum, and Muhlenbergia. Mycologia 37: 318-325. May/June 1945. 450 M99

6002 HIRSCHHORN, E. Two new species of the Tilletiaceae from Argentina. Mycologia 37: 278-283. May/June 1945. 450 M99

T. phalaridis, Glomosporium amaranthi.



6003 LONG, W. H. Notes on four eastern species of Gymnosporangium. Wash. Acad. Sci. J. 35: 182-188. June 15, 1945. 500 W276J

G. claviceps, G. nidus-avis, G. effusum, and G. juniperi-virginianae.

6004 \*LOPES, J. P. Contribuição para o estudo dos basidiomicetas portuguesas. III. Brotéria 14: 5-13. Feb. 1, 1945. 410 B79C

6005 MARTINEZ, A. Nota sobre el basidiomiceto Collybia costesi. Rev. Argentina de Agron. 12: 12-16. Mar. 20, 1945. 9 R327

6006 \*MITRA, A. K. Melanopsamma ranjanii sp. nov.: a new parasite of Selaginella. Indian Bot. Soc. J. 23: 158-163. Nov. 1944. 450 J821

6007 \*PADWICK, G. W. The future of mycological research in India. Cur. Sci. [Bangalore] 14: 85-88. Apr. 1945. 475 Sci23

6008 PALMER, E. L. Some common mushrooms. Nature Mag. 38: 305-312. June/July 1945. 409.6 N214

6009 \*REZENDE-PINTO, M. C. DE. Hymeniales de Portugal. Brotéria 14: 26-42. (Cont.) Feb. 1, 1945. 410 B79C

6010 SEEVER, F. J. Photographs and descriptions of cup-fungi. XXXIX. The genus Godronia and its allies. Mycologia 37: 333-359. May/June 1945. 450 M99

6011 SNELL, W. H. Notes on boletes. VII. Mycologia 37: 374-388. May/June 1945. 450 M99

6012 \*TAVARES, C. DAS N. Líquenes da Serra da Estrêla (Contribuição para o seu estudo). Brotéria 14: 14-25. (To be cont.) Feb. 1, 1945. 410 B79C

6013 THIRUMALACHAR, M. J. Some noteworthy rusts. I. Mycologia 37: 295-310. May/June 1945. 450 M99

Includes Acervulopsisora n. g.; Puccinia 3 n. spp.

6014 WEBSTER, H. N. Mushrooms of the woods. Horticulture 23: 279. June 1, 1945. 80 H787

6015 WOODWARD, H. R. Brief notes on fungi. II. N. and S. Dak. Hort. 18: 88, 96. June 1945. 81 N817

6016 \*ZOGG, H. Zur systematik einiger pilze inklusive flechtenpilze mit langgestreckten fruchtkörpern. Schweiz. Bot. Gesell. Ber. 54: 591-603. Dec. 1944. 451 Sch9

Reprint.

Hysterium pulicariae, Arthonia cinnabarina, Opegrapha atra, and Graphis scripta.

6017 ZUNDEL, G. L. Notes on a proposed new genus and four new species of the Ustilaginales. Mycologia 37: 370-373. May/June 1945. 450 M99

Whetzelia n. g.; new spp. in: Ustilago 2; Urocystis; Entyloma.

## PATHOLOGY

### General

6018 ALTSTATT, G. E. Diseases of small grains in central Texas. Plant Dis. Rptr. 29: 362-363, processed. Apr. 22, 1945. 1.9 P69P

6019 BAIN, D. C. A wilt disease of Crotalaria and notes on some other diseases in Mississippi and Louisiana. Plant Dis. Rptr. 29: 406-408, processed. May 7, 1945. 1.9 P69P

6020 BEILMANN, A. P. A quarter century of cavity work [tree surgery]. Trees [Santa Monica] 6(2): 10-11. Apr. 1945. 99.8 W52

6021 BLODGETT, E. C., and SCHULTZ, H. K. Observations on unusual bean disease symptoms. Plant Dis. Rptr. 29: 429-432, processed. May 15, 1945. 1.9 P69P

6022 \*BLUMER, S. Absterbeerscheinungen an apfelbäumen. Schweiz. Z. f. Obst- u. Weinbau 54: 184-185. May 12, 1945. 80 Sch9

6023 \*BLUMER, S. Bormangel oder frostschaaden? Schweiz. Z. f. Obst- u. Weinbau 54: 113-116. Mar. 31, 1945. 80 Sch9

6024 BOWERS, J. L. Tomato varieties and lines tested for resistance to southern stem blight. Miss. Farm Res. [Miss. Sta.] 8(5): 8. May 1945. 100 M69M1

6025 BRAUN, A. J. Diseases of wheat and rye in northeastern Ohio. Plant Dis. Rptr. 29: 356-357, processed. Apr. 22, 1945. 1.9 P69P

6026 BRETZ, T. W. Diseases observed on ornamentals in Missouri greenhouses. Plant Dis. Rptr. 29: 347-349, processed. Apr. 15, 1945. 1.9 P69P

6027 BRETZ, T. W. Diseases of winter grains in Missouri. Plant Dis. Rptr. 29: 260-261, processed. Apr. 22, 1945. 1.9 P69P

6028 BROEN, M. Causas que provocan el "degeneramiento" de los bulbos que interesan a los floricultores. Suelo Argentino 4: 236-237, 269. Apr. 1945. 9 Su2

6029 BROMLEY, S. W. What about our trees? The hurricane of September 14, 1944. Arborist's News 10: 43-44. June 1945. 99.8 Ar14

6030 CAMP, A. F. Report on "quick decline" inspection in California. Citrus Indus. 26(6): 5, 8. June 1945. 80 C49

6031 CASSELL, R. C. Fusarium rots and other storage diseases of potatoes in New York. Plant Dis. Rptr. 29: 337-342, processed. Apr. 15, 1945. 1.9 P69P

6032 CASSELL, R. C. Vegetable and fruit storage diseases in New York. Summary of the 1944-1945 storage season. Plant Dis. Rptr. 29: 450-463, processed. May 1945. 1.9 P69P

6033 \*CHOWDHURY, S. Principles of plant pathology. Allahabad Farmer 18: 119-169. July 1944. 22 AL5

6034 COLHOUN, J. The prevention of seed-borne diseases of flax. III. The dusting, short wet and fixation methods of seed disinfection in relation to storage of the seed. Ann. Appl. Biol. 32: 34-37. Feb. 1945. 442.8 An72

6035 CONNORS, C. H. Birds get your fruit? Home Gard. 5(6): 98, 100, 102. June 1945. 80 H756

6036 COTTAM, C. Eelgrass conditions along the Atlantic seaboard of North America [since occurrence of wasting disease in 1930]. Plant Dis. Rptr. 29: 302-310, processed. Apr. 7, 1945. 1.9 P69P

6037 COX, C. E., and JEFFERS, W. F. Pre-storage treatments for seed sweetpotatoes. (Abs.) Phytopathology 35: 483-484. June 1945. 464.8 P56

6038 CUMMINGS, M. B. Two raspberry enemies [rust and raspberry cane borer]. New England Homestead 118(12): 2-3. June 23, 1945. 6 N442

6039 DINOCK, A. W. How to make Bordeaux mixture. Amer. Rose Mag. 6: 198. May/June 1945. 80 Am327A

6040 FORBES, I. L., and MILLS, P. J. Department of plant pathology [Report on sugarcane diseases]. Sugar B. 23: 141-142. June 15, 1945. 65.9 Am32

6041 FOSTER, H. H. Preliminary report on certain tomato lines, selections and varieties, under observation at the Mississippi Truck Crops Branch Station. Plant Dis. Rptr. 29: 396-400, processed. May 7, 1945. 1.9 P69P

Tests of tomatoes for disease resistance.

6042 FOSTER, H. H. Preliminary report on the resistance to disease of tomato lines and varieties under observation at Crystal Springs. Miss. Farm Res. [Miss. Sta.] 8(4): 8. Apr. 1945. 100 M69M1

6043 GINSBURG, J. M. What kind of lime should be used for preventing arsenical spray injury. N. J. State Hort. Soc. Hort. News 26: 1715, 1718. May 1945. 81 N46

6044 GOENAGA, A. Notes on diseases of tobacco observed in Puerto Rico during the 1944-45 season. Plant Dis. Rptr. 29: 311-314, processed. Apr. 7, 1945. 1.9 P69P

6045 GOTTILIEB, D. A comparison of the agar plate and test-tube-dilution methods for the preliminary evaluation of fungicides. (Abs.) Phytopathology 35: 485. June 1945. 464.8 P56

6046 HEUBERGER, J. W. Freezing injury to peas in Delaware. Plant Dis. Rptr. 29: 384-386, processed. May 1, 1945. 1.9 P69P



- 6047 HEUBERGER, J. W., and MANNS, T. F. New organic fungicides in the control of tomato and potato diseases. (Abs.) *Phytopathology* 35: 485. June 1945. 464.8 P56
- 6048 HOYMAN, W. G. Diseases of winter vegetables in the Salt River and Yuma Valleys of Arizona. *Plant Dis. Rptr.* 29: 445-446, processed. May 22, 1945. 1.9 P69P
- 6049 JEFFERS, W. F., and COX, C. E. The value of several fungicides as sweetpotato seed and sprout treatments. (Abs.) *Phytopathology* 35: 486. June 1945. 464.8 P56
- 6050 JOHNSTON, C. O. Environmental conditions and wheat diseases in Kansas and Oklahoma. *Plant Dis. Rptr.* 29: 425-427, processed. May 15, 1945. 1.9 P69P
- 6051 KOCH, L. W., and MURWIN, H. F. The hybrid corn industry in Ontario: pathological and other problems. *Empire J. Expt. Agr.* 13: 100-111. Apr. 1945. 10 Em7
- 6052 \*KOSHY, T. A. Some diseases of fruit trees and their control. *Allahabad Farmer* 17: 233-238. Nov. 1943. 22 AL5
- 6053 LARSE, H. W. Early spring incidence of cereal diseases in Oklahoma. *Plant Dis. Rptr.* 29: 323-325, processed. Apr. 7, 1945. 1.9 P69P
- 6054 LE GRICE, E. B. Common pests and diseases of roses. *Gard. Illus.* 64: 589. June 1945. 80 G169
- 6055 LEHMAN, S. G. Treat cotton seed. *Res. and Farming [N. C. Sta., Prog. Rpt. 3(3): 5. Apr. 1945. 100 N81R*
- 6056 MCCLELLAN, W. D., and STUART, N. W. The use of Easter lily bulb scales for evaluating fungicides. (Abs.) *Phytopathology* 35: 488. June 1945. 464.8 P56
- 6057 MANNS, T. F., and PHILLIPS, C. E. A red leaf disease of field and sweet corn. (Abs.) *Phytopathology* 35: 487. June 1945. 464.8 P56  
Cause undetermined.
- 6058 MARSH, P. B. Salts as antidotes to copper in its toxicity to fungi. (Abs.) *Phytopathology* 35: 487-488. June 1945. 464.8 P56
- 6059 MARTIN, W. J. Chlorosis in seedlings of *Hevea brasiliensis*. (Abs.) *Phytopathology* 35: 487. June 1945. 464.8 P56
- 6060 MARTYN, E. B. Coconut diseases in Jamaica (II). *Trop. Agr. [Trinidad]* 22: 69-76. Apr. 1945. 26 T734
- Diseases affecting the leaves, crown, and stem.
- 6061 MASSEY, L. M. Fermate tests for control of black spot of roses. *Amer. Rose Mag.* 7, 1. e. 6: 142-145. Mar./Apr. 1945. 80 Am327A
- 6062 \*MEYER, A. Ueber einige zusammenhänge zwischen witterung und kirschenente in der nordwestschweiz. *Schweiz. Z. f. Obst- u. Weinbau* 54: 155-159, 191-197. Apr. 28, May 26, 1945. 80 Sch9
- 6063 MIX, A. J. Diseases of vegetables in northern New Jersey. *Plant Dis. Rptr.* 29: 346-347, processed. Apr. 15, 1945. 1.9 P69P
- 6064 MOSLEY, F. O. Use of calomel on onions for disease control. *Nature [London]* 155: 544-545. May 5, 1945. 472 N21
- 6065 NAVARRO CARDONA, A. Enfermedades de la papa. *Mex. Ofic. Fitosanít. Fitófilo* 3(6): 3-7. Nov./Dec. 1944. 421 F55
- 6066 NIXON, E. L. The application of chemistry to crop production. *Guide Post* 22(5): 3-5, 7. May 1945. 75.8 G94
- Chemical spraying, particularly to control potato diseases.
- 6067 OLIVER, R. S. Dusting or spraying to control leaf-spot and leaf-hoppers is an important step in growing more peanuts per acre. *Peanut J. and Nut World* 24(8): 30. June 1945. 77.8 P313
- 6068 \*PADWICK, G. W. Baluchistan sulphur for plant diseases. *Indian Farming* 5: 518-519. Nov. 1944. 22 In283
- 6069 \*PALTÍ, J. Diseases of fodder crops and their control. (In Hebrew.) *Hassadeh* 25: 240-242. Apr. 1945. 26 H27
- 6070 \*PEYER, E. Frostscheiden und die Behandlung der frostgeschädigten reben. *Schweiz. Z. f. Obst- u. Weinbau* 54: 185-186. May 12, 1945. 80 Sch9
- 6071 PRINCE, A. E. Diseases on cabbage and lettuce in South Carolina. *Plant Dis. Rptr.* 29: 401-402, processed. May 7, 1945. 1.9 P69P
- 6072 REINKING, O. A. Diseases of roselle fiber plants in El Salvador. *Plant Dis. Rptr.* 29: 411-414, processed. May 7, 1945. 1.9 P69P
- 6073 REINKING, O. A. Preliminary studies of abacá diseases in Panama. *Plant Dis. Rptr.* 29: 390-393, processed. May 1, 1945. 1.9 P69P
- 6074 REINKING, O. A. Report on cinchona diseases in Guatemala. *Plant Dis. Rptr.* 29: 432-439, processed. May 15, 1945. 1.9 P69P
- 6075 RIKER, A. J. Some possibilities for developing resistance to disease in trees. *Amer. Nurseryman* 81(12): 5-7. June 15, 1945. 80 Am371
- 6076 \*RUBBER RESEARCH SCHEME, CEYLON. The treatment of brown bast. *Rubber Res. Scheme, Ceylon. Advisory C. 24, 4 p. Agalawatta, Ceylon, 1944. 78.9 R826*
- 6077 SLAGG, C. M. Leaf rust and other diseases on wheat in Nebraska. *Plant Dis. Rptr.* 29: 361-362, processed. Apr. 22, 1945. 1.9 P69P
- 6078 SNYDER, W. C., MIDDLETON, J. T., and BODINE, E. W. Pea diseases in the Imperial Valley. *Seed World* 57(11): 12, 14. June 1, 1945. 61.8 Se52
- 6079 STONE, G. M. Condition of the tomato plant crop in south Georgia. *Plant Dis. Rptr.* 29: 400-401, processed. May 7, 1945. 1.9 P69P  
Survey shows light disease infection.
- 6080 T., L. A. Algunas enfermedades y plagas del tomate. *Guatemala. Dir. Gen. de Agr. Rev. Agr. (ser. 2) 1: 239-240. Feb. 1945. 8 G934*
- 6081 \*THUN, R. Ueber die wirkung borhaltiger rückstände zur bekämpfung der herz- und trockenfäule. *Bodenk. u. Pflanzenernähr.* 36: 32-37. 1945. 384 Z343A
- Borax and various industrial boron compounds tested in experiments with sugar beets and table beets.
- 6082 TIDD, J. S. Wheat and barley diseases in southern Illinois. *Plant Dis. Rptr.* 29: 357-359, processed. Apr. 22, 1945. 1.9 P69P
- 6083 TINDALE, G. B. Storage of grapefruit; emulsions prevent shrivelling and wilting; more experimenting needed with fungicides. *Citrus News* 21: 57, 59. Apr. 30, 1945. 80 O494
- 6084 VESTAL, E. F. Diseases of wheat and other small grains in southwestern Iowa. *Plant Dis. Rptr.* 29: 359-360, processed. Apr. 22, 1945. 1.9 P69P
- 6085 WALKER, M. N. Galls on the roots of citron-watermelon hybrids. *Phytopathology* 35: 480-482. June 1945. 464.8 P56
- 6086 WILDON, C. E. Stunt of dahlias. *Hort. News* 11: 77. June 1945. 80 H7815
- Diseases Caused by Fungi
- 6087 ALTSTATT, G. E. Crown rust [Puccinia coronata] of oats in the Coastal Bend region of Texas. *Plant Dis. Rptr.* 29: 354, processed. Apr. 22, 1945. 1.9 P69P
- 6088 \*BIRAGHI, A. Damage apparently caused by Sclerotinia observed on salad crops in Italy. *Internat. Inst. Agr. Internat. Rev. Agr.* 35: 49M-53M. July/Aug. 1944. 241 In82A
- 6089 BURKE, O. D. Foliage coverage. *Guide Post* 22(5): 18-19, 23. May 1945. 75.8 G94  
Spraying to control early and late blight of potatoes.
- 6090 CROSS, W. E. Informaciones relacionadas con la lucha contra el "carbón" de la caña de azúcar. *Tucumán. Estac. Expt. Agr. Rev. Indus. y Agr.* 34: 45-91. Apr./June 1944. 9 T79
- 6091 DOSDALL, L. Botrytis convoluta causes winter rhizome rot. *Amer. Iris Soc. B.* 97, p. 11-16. May 1945. 81 Am39



- 6092 ELLIOTT, C., and JENKINS, M. T. Helminthosporium turcicum leaf blight of corn. (Abs.) Phytopathology 35: 485. June 1945. 464.8 P56
- 6093 FLETCHER, D. G. Observations on rusts and other conditions affecting small grains in the central and southern Plains region. Plant Dis. Rptr. 29: 422-424, processed. May 15, 1945. 1.9 P69P
- 6094 FRASER, H. Clubroot disease; one of the most common troubles of Brassica crops. Gard. Illus. 64: 596. June 1945. 80 G169
- 6095 FRESA, R. "Podredumbre morena" [Sclerotinia fruticola] de los durazneros y ciruelos en el delta del Paraná. Rev. Argentina de Agron. 12: 22-25. Mar. 20, 1945. 410 R327  
English summary.
- 6096 FREZAL. Comment réduire les exigences en soufre de la lutte contre l'oidium. Algeria. Dir. de l'Agr. Docs. et Renseign. Agr. B. 114, 12 p. Algiers, 1945. 24 AL34
- 6097 GREGORY, P. H. The dispersion of air-borne spores. Brit. Mycol. Soc. Trans. 28: 26-72. Apr. 1945. Ref. 451 B76
- 6098 HANSEN, H. N., and THOMAS, H. E. Diseases of Fremontia. Madroño 8: 39-42. Apr. 1945. 450 M26  
Includes disease caused by Septoria angularis n. sp.
- 6099 HANSING, E. D., HEYNE, E. G., and MELCHERS, L. E. Studies on smut-resistant oats for Kansas. Amer. Soc. Agron. J. 37: 499-508. June 1945. 4 Am34P
- 6100 HARDISON, J. R. Specialization in Erysiphe graminis for pathogenicity on wild and cultivated grasses outside the tribe Hordeae. Phytopathology 35: 394-405. June 1945. 464.8 P56
- 6101 HEUSSI, G. Erneute rotbrennerschaden im jahre 1944 in den reben der Bündner Herrschaft. Schweiz. Z. f. Obst- u. Weinbau 54: 100-104. Mar. 17, 1945. 80 Sch9
- 6102 HOUSTON, B. R. Culture types and pathogenicity of isolates of Corticium solani. Phytopathology 35: 371-393. June 1945. Ref. 464.8 P56
- 6103 IMLE, E. P., and STEVENSON, J. A. Periconia blight of the Hevea rubber tree. (Abs.) Phytopathology 35: 486. June 1945. 464.8 P56
- 6104 JENKINS, A. E., FORSELL, M. J., and BOYLE, L. W. Elsinoë piri discovered on apple and pear in western Washington and Oregon. (Abs.) Phytopathology 35: 486. June 1945. 464.8 P56
- 6105 KIMMEY, J. W. The seasonal development and the defoliating effect of Cronartium ribicola on naturally infected Ribes roezli and R. nevadense. Phytopathology 35: 406-416. June 1945. 464.8 P56
- 6106 KINCAID, G. C. Control de "la mancha" o "Phytophthora infestans" de la papa en Costa Rica. Inst. de Defensa del Café de Costa Rica. Rev. 15: 94-101. Feb. 1945. 68.28 C82
- 6107 LEFEBVRE, C. L., and SHERWIN, H. S. Races of Helminthosporium turcicum. (Abs.) Phytopathology 35: 487. June 1945. 464.8 P56
- 6108 \*LEVADOUX, L. Le brenner (Pseudopeziza tracheiphila Müll.-Thurg.). Off. Internatl. du Vin. B. 17: 43-54. May/Dec. 1944. 390.8 B87
- 6109 LING, L. Aerial hosts of Puccinia graminis in China. Phytopathology 35: 417-420. June 1945. 464.8 P56  
Examination of herbarium specimens of Berberis and Mahonia.
- 6110 LING, L., and TAI, M. C. On the specialization of Bremia lactucae on Compositae. Brit. Mycol. Soc. Trans. 28: 16-25. Apr. 1945. 451 B76
- 6111 \*LÜTHI, E. Ergebnis der versuche zur bekämpfung der Gloeosporium-fruchtfäule an den kir-schen 1944. Schweiz. Z. f. Obst- u. Weinbau 54: 177-184. May 12, 1945. 80 Sch9
- 6112 LYLE, E. W. Root rot [Phymatotrichum omnivorum] of roses. Amer. Rose Mag. 6: 194-196. May/June 1945. 80 Am327A
- 6113 MCCUBBIN, W. A. Observations on lima-bean scab [Elsinoë phaseoli] in Puerto Rico. (Abs.) Phytopathology 35: 488. June 1945. 464.8 P56
- 6114 MACHACEK, J. E. Late blight of potatoes. Line Elevator Farm Serv. C. 8, 4 p. Winnipeg, n. d. 59.9 L64  
Expanded ed. of Seedtime and Harvest, No. 120, May 17, 1945.
- 6115 MCMARTIN, A. Sugarcane smut [Ustilago scitaminea]: reappearance in Natal. So. African Sugar J. 29: 55, 57. Feb. 1945. 65.8 So8
- 6116 MELHUS, I. E. Late blight forecasting service. Phytopathology 35: 463-479. June 1945. 464.8 P56  
Results of investigations for combatting late blight of potato on a regional basis.
- 6117 MOORE, M. H. A note on medlar cluster-cup rust (Gymnosporangium confusum Flowr.) in Kent in 1943 and 1944. Brit. Mycol. Soc. Trans. 28: 13-15. Apr. 1945. 451 B76
- 6118 OLIVE, L. S., BAIN, D. C., and LEFEBVRE, C. L. A leafspot of cowpea and soybean, caused by a new species of Helminthosporium. (Abs.) Phytopathology 35: 488. June 1945. 464.8 P56
- 6119 POMERLEAU, R. La maladie hollandaise de l'orme. Forêt Québécoise 9: 377. May/June 1945. 99.8 F79
- 6120 PONTIS, R. E. Phytophthora capsici en frutos de zapallito de tronco [Cucurbita maxima]. Rev. Argentina de Agron. 12: 17-21. Mar. 20, 1945. 410 R327
- 6121 POTATO blights now controllable. Food Packer 26(7): 68, 70. June 1945. 286.83 C165  
Control of early and late blight with Dithane (disodium ethylene bisdithiocarbamate).
- 6122 PRINCE, A. E. Corn ear rots in South Carolina in 1944. Plant Dis. Rptr. 29: 349-350, processed. Apr. 15, 1945. 1.9 P69P
- 6123 PRINCE, A. E. Fungi isolated from peanuts collected in South Carolina in 1944. Plant Dis. Rptr. 29: 367-368, processed. Apr. 22, 1945. 1.9 P69P
- 6124 PRINCE, A. E. Further survey for tobacco downy mildew in South Carolina. Plant Dis. Rptr. 29: 390, processed. May 1, 1945. 1.9 P69P
- 6125 PUGSLEY, A. T. Breeding for bunt resistance in Australian wheats. Austral. Inst. Agr. Sci. J. 11: 28-34. Mar. 1945. 23 Au74
- 6126 \*RAJAN, M. R. D., and AIYAPPA, K. M. Leaf-fall and fruit-rot disease [Phytophthora palmivora] of oranges. Indian Farming 5: 512-513. Nov. 1944. 22 In283
- 6127 REDDICK, D., and PETERSON, L. C. Blight immune potatoes. Potato World 14(5): 1-3, processed. May 1945. 286.83 P84
- 6128 RODENHISER, H. A., and HOLTON, C. S. Distribution of races of Tilletia foetida and T. caries in relation to the wheat improvement program in the United States. (Abs.) Phytopathology 35: 488-489. June 1945. 464.8 P56
- 6129 \*RUBBER RESEARCH SCHEME, CEYLON. Oidium leaf disease [of Hevea]. Rubber Res. Scheme, Ceylon. Advisory C. 22, sup. 2, 1 p. Agalawatta, Ceylon, 1944. 78.9 R826
- 6130 STONE, G. M., and WILSON, C. Late blight of potatoes in Baldwin County, Alabama, in 1945. Plant Dis. Rptr. 29: 378-381, processed. May 1, 1945. 1.9 P69P
- 6131 TAPKE, V. F. Occurrence and distribution of physiologic races of Ustilago hordei in the United States. (Abs.) Phytopathology 35: 489. June 1945. 464.8 P56
- 6132 TAYLOR, R. E., and WESTON, W. A. R. D. Seed disinfection. VI. Stripe smut of rye. J. Agr. Sci. [London], 35: 116-118. Apr. 1945. 10 J822
- 6133 TERVET, I. W. Leaf rust on winter wheat in Minnesota and South Dakota. Plant Dis. Rptr. 29: 424-425, processed. May 15, 1945. 1.9 P69P
- 6134 THAXTER, K. Scab in a Connecticut violet collection, with notes on varietal reaction. Plant Dis. Rptr. 29: 410-411, processed. May 7, 1945. 1.9 P69P



6135 TINT, H. Studies in the Fusarium damping-off of conifers I-II. *Phytopathology* 35: 421-429, 440-457. June 1945. Ref. 464.8 P56

I. The comparative virulence of certain Fusaria.  
II. Relation of age of host, pH, and some nutritional factors to the pathogenicity of Fusarium.

6136 VITORIA, E. R., and CERESA, M. C. D. Eficacia de los tratamientos antiperonosporicos a base de sales de cobre, en la provincia de Mendoza. *Rev. Argentina de Agron.* 12: 30-37. Mar. 20, 1945. 9 R327

Control of downy mildew of grape.

6137 WATSON, R. D. Oat rust in Winter Garden area of Texas. *Plant Dis. Rptr.* 29: 355-356, processed. Apr. 22, 1945. 1.9 P69P

6138 WESTON, W. A. R. D. Brown rot [Sclerotinia fructigena] of apples. *Gt. Brit. Min. Agr. Agriculture* 52: 135-137. June 1945. 10 G79J

6139 WILSON, C. A Diplodia associated with concealed damage in peanuts. *Phytopathology* 35: 480. June 1945. 464.8 P56

Tentatively identified as *D. theobromae*.

6140 WRIGHT, P. H. Red-leaf blight of rhubarb. *Saskatchewan Farmer* 36(10): 8. May 15, 1945. 7 Sa74

6141 ZAUMEXER, W. J., and GOLDSWORTHY, M. C. Control of bean rust by fungicide dusting and spraying. (Abs.) *Phytopathology* 35: 489. June 1945. 464.8 P56

#### Diseases Caused by Bacteria

6142 \*ASTHANA, R. P., and MAHMUD, K. A. A new bacterial leaf-spot on Piper betle. *Cur. Sci. [Bangalore]* 14: 73. Mar. 1945. 275 Sci23

Provisionally named *Bacillus betle*.

6143 COM, D. M. Scab and neck rot of gladiolus. *Wis. Hort.* 35: 234. May/June 1945. 80 W752

Caused by *Bacterium marginatum*.

6144 DAINES, R. H. Bacterial spot [Xanthomonas pruni] of peaches. *N. J. Agr. Expt. Sta. Plant Dis. Notes* 22: 17-20, processed. May 1945. 464.9 N46P

6145 DODGE, N. N. A green Goliath meets its desert David. *Nat. Hist.* 54: 260-263, 290. June 1945. 500 N483J

Bacterial disease of *Cereus giganteus*, transmitted by *Cactobrosis fernaldalis*.

6146 ERIKSON, D. Certain aspects of resistance of plum trees to bacterial canker. Part I. Some biochemical characteristics of *Pseudomonas morsprunorum* (Wormald) and related phytopathogenic bacteria. *Ann. Appl. Biol.* 32: 44-52. Feb. 1945. 442.8 An72

6147 JOHNSON, A. G., ROBERT, A. L., and CASH, L. Further studies on bacterial leaf blight and stalk rot of corn. (Abs.) *Phytopathology* 35: 486-487. June 1945. 464.8 P56

*Pseudomonas alboprecipitans*.

6148 KREUTZER, W. A., HENDERSON, W. J., and LANE, G. H. The comparative effectiveness of certain cutting knife treatments in the control of ring rot of potatoes. *Amer. Potato J.* 22: 127-133. May 1945. 75.8 P842

6149 LEFEBVRE, C. L., and SHERWIN, H. S. Observations on the bacterial canker of cowpea. (Abs.) *Phytopathology* 35: 487. June 1945. 464.8 P56

*Xanthomonas vignicola*.

6150 STEVENSON, E. C., and MITCHELL, J. W. Bacteriostatic and bactericidal properties of 2, 4-dichlorophenoxyacetic acid. *Science* 101: 642-644. June 22, 1945. 470 Sci2

6151 WAGER, A. Bacterial wilt [Bacterium solanacearum] in bringals [eggplants] and tomatoes. *Farmer [Pietermaritzburg]* 34(21): 10. May 25, 1945. 24 F227

6152 WHITE, P. R. Metastatic (graft) tumors of bacteria-free crown-galls on *Vinca rosea*. *Amer. J. Bot.* 32: 237-241. May 1945. 450 Am36

#### Viruses and Virus Diseases

6153 BAWDEN, F. C., and KASSANIS, B. The suppression of one plant virus by another. *Ann. Appl. Biol.* 32: 52-57. Feb. 1945. 442.8 An72

6154 BEILMANN, A. P. Phloem necrosis—a serious threat to the elm. *Mo. Bot. Gard. B.* 33: 128-130. June 1945. 451 M69B

6155 BRIERLEY, P. Viruses described primarily on ornamental or miscellaneous plants. II. Plant Dis. Rptr. Sup. 158, p. 168-200, processed. May 15, 1945. 1.9 P69P

6156 COIT, J. E. A major factor in depreciation of citrus orchards. *Calif. Citrog.* 30: 254-255. June 1945. 80 Cl25

Virus diseases spread by infected budwood.

6157 CROWFOOT, D., and SCHMIDT, G. M. J. X-ray crystallographic measurements on a single crystal of a tobacco necrosis virus derivative. *Nature [London]* 155: 504-505. Apr. 28, 1945. 472 N21

6158 DOOLITTLE, S. P., and THOMPSON, R. C. Artificial transmission of the virus of big vein of lettuce. (Abs.) *Phytopathology* 35: 484. June 1945. 464.8 P56

6159 DYMOND, G. C. Compost to control virus diseases: Uba cane freed of streak infection after three years. *Farmer's Weekly [Bloemfontein]* 69: 84-85. Mar. 28, 1945. 24 F225

6160 JOHNSTON, S., CATION, D., and BOYER, C. A. Blueberry stunt disease. *Mich. Agr. Expt. Sta. Q. R.* 27: 409-412. May 1945. 100 M58S

A virus disease.

6161 LEBEAU, F. J., and WALKER, J. C. Turnip mosaic viruses. *J. Agr. Res.* 70: 347-364. June 1, 1945. 1 Ag84J

6162 MCKINNEY, H. H. Virus of cucumber mosaic withstands desiccation in leaf tissue. (Abs.) *Phytopathology* 35: 488. June 1945. 464.8 P56

6163 RICHARDS, B. L., and RHOADS, A. S. The problem of virus diseases in stone fruits in Utah. *Farm & Home Sci. [Utah Sta.]* 6(2): 12-14. June 1945. 100 UtlF

6164 SWINGLE, R. U., MEYER, B. S., and MAY, C. Phloem necrosis research during 1944. (Abs.) *Phytopathology* 35: 489. June 1945. 464.8 P56

Resistance of elm to phloem necrosis.

6165 WALKER, J. C., LEBEAU, F. J., and POUND, G. S. Viruses associated with cabbage mosaic. *J. Agr. Res.* 70: 379-404. June 15, 1945. 1 Ag84J

6166 WATSON, R. D. Aster yellows and its insect vector in Texas. *Plant Dis. Rptr.* 29: 317-319, processed. Apr. 7, 1945. 1.9 P69P

Disease transmitted from weeds to carrots by *Macrostelus divinus*.

6167 WILLIAMS, R. C., and WYCKOFF, R. W. G. Electron shadow micrography of the tobacco mosaic virus protein. *Science* 101: 594-596. June 8, 1945. 470 Sci2

#### Diseases Caused by Nematodes

6168 ELLENBY, C. Control of the potato-root eelworm *Heterodera rostochiensis* Wollenweber, by allyl isothiocyanate. *Nature [London]* 155: 544. May 5, 1945. 472 N21

6169 KNECHT, W. J. Pest trouble with gloxinias and begonias. I. Begonian 12: 104-106. June 1945. 96.511 B39

Control of nematode diseases.

#### ECOLOGY

6170 \*GAUME, R. Etude sur la végétation de la forêt d'Argonne II. - L'aulnaie. *Soc. Bot. de France B.* 91: 64-67. 1944. 451 B69

6171 \*GORODKOV, B. M. Uchenie o suktsessii i klinakse v geobotanike (Plant succession and climax theory in geobotany). *Priroda* 33(3): 36-44. 1944. 410 P933

6172 \*KOCH, W. Pflanzensoziologie und wald. Schweiz. Z. f. Forstw. 95: 266-276, 299-304. Sept./Oct. 1944. 99.8 Sch9



6173 \*KURTH, A. Die waldbauliche rolle und be-handlung der buche auf pflanzensoziologischer grund-lage. Schweiz. Z. f. Forstw. 96: 98-110. May/June 1945. 99.8 Sch9

6174 \*LYPA, A. L. Tundrovo-vysokogornaia forma sibirskoi eli na ūzhnom Urale (A tundra-altitudinal form of *Picea obovata* Loeb. at the southern Urale). Priroda 33(2): 65. 1944. 410 P933

6175. R., O. W. H. Plants as soil indicators. Farmers' Gaz. [Dublin] 103: 264. May 5, 1945. 10 F221

6176 SMITH, J. H. N., JR. Forest associations of British Honduras. II-III. Caribbean Forester 6: 45-70, 131-158, processed. Jan., Apr. 1945. 1.9622 T2C23

6177 \*SOCHAVA, V. B. Prichiny bezles'ia gol'tsov Vostochnoi Sibiri i v Priamur'e (Woodless tracts of East Siberia and Near Amur, and what their cause is). Priroda 33(2): 63-65. 1944. 410 P933 Ecological factors involved.

6178 \*SUKACHEV, V. N. O printsipakh geneticheskoi klassifikatsii v biotsenologii (On principles of genetic classification in biocenology). Zhur. Obshch. Biol. 5: 213-227. 1944. 442.8 Z6

English summary.

6179 \*VASIL'EV, B. N. Neskol'ko slov k voprosu o proiskhozhenii taigi (A few words concerning the origin of "taiga"). Priroda 33(3): 71-72. 1944. 410 P933

Taiga, a vast forest region of Siberia, north of the tundra.

#### MORPHOLOGY, ANATOMY, AND CYTOLOGY

6180 ADDICOTT, F. T. The anatomy of leaf ab-scission and experimental defoliation in guayule. Amer. J. Bot. 32: 250-256. May 1945. 450 Am36

6181 \*ASANA, J. J., and ADATIA, R. D. The chromosome numbers in the family Anonaceae. Cur. Sci. [Bangalore] 14: 74-75. Mar. 1945. 475 Sci23

6182 \*BOUVRAIN, G. Nouveau mode de réduction massive du nombre des convergents. Soc. Bot. de France B. 91: 80-85. 1944. 451 F84B

Continuation of a previous study in anatomy of leaves of *Bryonia dioica*.

6183 CASTELLANOS, A. Los tubérculos radicu-lares del aliso (*Alnus jorullensis* H. B. K. var *spachii* Regel). Lilloa 10: 413-416. Dec. 29, 1944. 450 L62

English summary.

6184 \*CRÉTÉ, P. A propos de la strophiole du *Chelidonium majus* L. Soc. Bot. de France B. 91: 86-88. 1944. 451 F84B

6185 \*CRÉTÉ, P. Polyembryonie chez l'*Actinidia chinensis* Planch. Soc. Bot. de France B. 91: 89-91. 1944. 451 F84B

6186 CROVETTO, R. M. Monstruosidades en com-puestas. Lilloa 10: 417-432. Dec. 29, 1945. 450 L62

English summary.

6187 \*DATTA, R. M. On the description of the inflorescence of *Ricinus communis* Linn. Sci. and Cult. 10: 451-452. Apr. 1945. 470 Sci24

6188 \*DEHAY, C. L'appareil libéro-ligneux foliaire des tillacées. Soc. Bot. de France B. 91: 27-29. 1944. 451 B69

6189 DRECHSLER, C. Organization and germina-tion of oospores in several species of *Pythium*. (Abs.) Phytopathology 35: 484-485. June 1945. 464.8 P56

6190 DREW, K. M. A hitherto undescribed form of adult axis in the genus *Batrachospermum*. Nature [London] 155: 608. May 19, 1945. 472 N21

6191 \*DUGHI, R. Sur le vacuome de l'élément fongique des phycolichens. Soc. Bot. de France B. 91: 53-57. 1944. 451 B69

6192 EPSTEIN, W. A water method for rapid demonstration of mitotic division in *Allium cepa* root tips. Biol. Rev. 7(1): 21-22. Mar. 1945. 442.8 B5225

6193 \*FOURCROY, M. L'arc extra-ligneux dans la racine du *Tradescantia virginica*. Soc. Bot. de France B. 91: 86-88. 1944. 451 F84B

6194 \*HOLLANDE, A. C., and HOLLANDE, G. Ob-servations sur la structure cytologique de quelques cyanophycées. Soc. Bot. de France B. 91: 61-63. 1944. 451 B69

6195 \*HURL-PY, G. Sur la germination des spores de *Gymnogramme calomelanos* et sur la culture de ses prothalles en milieu aseptique. Soc. Bot. de France B. 91: 49-50. 1944. 451 B69

6196 \*IYENGAR, M. O. P., and SUBRAHMANYAN, R. On reduction division and auxospore-formation in *Cyclotella meneghiniana* Kütz. Indian Bot. Soc. J. 23: 125-152. Nov. 1944. Ref. 450 J821

6197 \*KOZO-POLJANSKIĬ, B. M. Proiskhozhenie tsvetka *Cruciferae* v teratologicheskoi osveshchenii; teratologiya tsvetka i novye voprosy ego teorii. III. (Development of flower in *Cruciferae* as viewed from the standpoint of teratology; teratology of the flower and new problems in its theory). Bot. Zhur. S. S. S. R. (J. Bot. de l'U. R. S. S.) 30: 14-30. 1945. 451 R923

6198 \*MEITES, M. Existence d'un processus normal de blocage mitotique dans les méristèmes. Soc. Bot. de France B. 91: 3-6. 1944. 451 F84B

Experiments with *Lupinus albus* and *Allium sativum*.

6199 \*PARROT, A. G. Observations sur la chute des fruits du lierre *Hedera helix* L. Soc. Bot. de France B. 91: 94-96. 1944. 451 F84B

6200 PRIESTLEY, J. H. Observations on spiral grain in timber. Amer. J. Bot. 32: 277-284. May 1945. 450 Am36

6201 RANDOLPH, L. F. Embryo culture of iris seed. Amer. Iris Soc. B. 97, p. 33-45. May 1945. 81 Am39

6202 \*RAO, V. S. Development of the embryo-sac in the *Convolvulaceae*. Indian Bot. Soc. J. 23: 164-169. Nov. 1944. 450 J821

6203 \*REILHES, R. Sur les poils absorbants. Soc. Bot. de France B. 91: 106-108. 1944. 451 F84B

Root hairs.

6204 SEMMENS, C. *Pythium de baryanum*. Mi-croscope and Ent. Monthly 5: 257-264. 1945. 440.8 M584

Structure and life history, with microphotographs.

6205 \*SENARATNA, J. E. Bisexual flowers in the manioc, *Manihot esculenta* Crantz (M. utilisissima Pohl). Ceylon. J. Sci. Sect. A, Bot. 12: 169. Feb. 15, 1945. 451 P41

6206 SPRINGER, M. E. A morphologic study of the genus *Monoblepharella*. Amer. J. Bot. 32: 259-269. May 1945. 450 Am36

6207 \*SUBRAHMANYAN, R. On somatic division, reduction division, auxospore-formation and sex differentiation in *Navicula halophila* (Grunow) Cleve. Cur. Sci. [Bangalore] 14: 75-77. Mar. 1945. 475 Sci23

6208 \*SUBRAMANIAM, M. K., and RANGANATHAN, B. Mitosis during budding in *Saccharomyces cerevisiae*. Cur. Sci. [Bangalore] 14: 78-79. Mar. 1945. 475 Sci23

6209 TIEMANN, H. D. Spiral fibrils in *Nerine fothergillii*. Further examination with polarized light. Lilloa 10: 405-412. Dec. 29, 1944. Ref. 450 L62

6210 \*TUMMEL, J. M. A propos de grosses souches d'ombellifères. Soc. Bot. de France B. 91: 6-9. 1944. 451 F84B

A. Les racines. B. Les tiges.

6211 WOLF, W. Notes on foliar dimorphism in *Quercus nigra* L. Amer. Midland Nat. 33: 794. May 1945. 410 M58

#### GENETICS

6212 CLARKE, C. M. Comments on genetics. Amer. Peony Soc. B. 97, p. 6-9. Mar. 1945. 81 Am38B



- 6213 DOMINGO, W. E. Flowerless castor-bean plants. *J. Hered.* 36: 116-120. Apr. 1945. 442.8 Am3
- 6214 HUTCHINS, P. The work of the plant-breeder. *Agr. Ireland* 3: 60-61. May 1945. 10.5 Ag8
- 6215 LANGHAM, D. G. Genetics of sesame. *J. Hered.* 36: 135-142. May 1945. 442.8 Am3
- 6216 MARTIN, J. H. Breeding sorghums for social objectives. *J. Hered.* 36: 99-106. Apr. 1945. 442.8 Am3
- 6217 PERRY, H. S. The Ca gene as a means of reducing contamination of sweet corn. *J. Hered.* 36: 131-134. May 1945. 442.8 Am3
- 6218 PHILP, J. Research justifying time and trouble; great progress in wattle [*Acacia*] genetics investigation. *Farmer [Pietermaritzburg]* 34(20): 1, 16. May 18, 1945. 24 F227
- 6219 \*SALTYKOVSKY, M. I., and SAPRYGUINA, E. S. A method of increasing winteriness in wheats. *Acad. des Sci. de l'U. R. S. S. Compt. Rend.* 45: 349-352. Dec. 20, 1944. 511 P444
- Hardiness of hybrids as determined from an analysis of the  $F_3$  and  $F_4$  material.
- 6220 SCHREINER, R. Diploid iris characters transmitted to tetraploid iris. *Amer. Iris Soc. B.* 97, p. 25-31. May 1945. 81 Am39

## PHYSIOLOGY

- 6221 AITKEN, Y., and HAUGHTON, J. M. The species *Pisum sativum* in relation to Australian agriculture. *Austral. Inst. Agr. Sci. J.* 11: 35-40. Mar. 1945. 23 Au74
- 6222 \*ANDRÉN, F. Nytt om betningsmedel. *Försök och Forskning* 2: 54-55. Apr. 1945. 11 F77
- Effect of fungicides on the germination of cereals.
- 6223 BARRONS, K. C., and MCLEAN, D. M. A study of the causes of low germination of radish seed crops. *Mich. Agr. Expt. Sta. Q. B.* 27: 398-408. May 1945. 100 M585
- 6224 BEECHER, F. S. Light and composition of media as factors inducing sporulation in strains of *Alternaria solani*. (Abs.) *Phytopathology* 35: 483. June 1945. 464.8 P56
- 6225 \*BERKNER, F. Der massenaufbau der pflanze im wurzel-, stengel- und blattwerk und die aufnahme und verteilung des stickstoffes innerhalb des pflanzlichen organismus unter dem einfluss steigender stickstoffgaben, nachgewiesen an einigen zwischenfrüchten. *Bodenk. u. Pflanzenernähr.* 34: 20-59. 1944. 384 Z343A
- 6226 BHARGAVA, K. S. Physiological studies on some members of the family Saprolegniaceae. IV. Carbohydrate requirements. *Lloydia* 8: 60-67. Mar. 1945. Ref. 442.8 L77
- 6227 BLACKMAN, G. E. A comparison of certain plant-growth substances with other selective herbicides. *Nature [London]* 155: 500-501. Apr. 28, 1945. 472 N21
- 6228 BOYNTON, D., and COMPTON, O. C. Leaf analysis in estimating the potassium, magnesium, and nitrogen needs of fruit trees. *Soil Sci.* 59: 339-351. May 1945. 56.8 So3
- 6229 BRADY, N. C., and COLWELL, W. E. Yield and quality of large-seeded type peanuts as affected by potassium and certain combinations of potassium, magnesium, and calcium. *Amer. Soc. Agron. J.* 37: 429-442. June 1945. 4 Am34P
- 6230 BRANNON, M. A., and SELL, H. M. The effect of indole-3-acetic acid on the dry weight of *Chlorella pyrenoidosa*. *Amer. J. Bot.* 32: 257-258. May 1945. 450 Am36
- 6231 \*CASTAN, R. Diversité des réactions d'inhibition entre bourgeons parmi les variétés de pois. *Soc. Bot. de France B.* 91: 10-11. 1944. 451 B69
- 6232 COCHRANE, V. W. The effect of artificial light on germination of urediospores of *Phragmidium mucronatum* (Fr.) Schlecht. *Phytopathology* 35: 458-452. June 1945. 464.8 P56
- 6233 COLWELL, W. E., and BRADY, N. C. The effect of calcium on yield and quality of large-seeded type peanuts. *Amer. Soc. Agron. J.* 37: 413-428. June 1945. 4 Am34P
- 6234 \*DE SILVA, B. L. T. A contribution to the life history of *Gloriosa superba*, L. *Ceylon J. Sci. Sect. A, Bot.* 12: 154-159. Feb. 15, 1945. 451 P41
- 6235 DRUMMOND, W. C. Chlorosis as affected by environment and disease. Part II. *Begonian* 12: 114-115. June 1945. 96.511 B39
- 6236 \*DUSSEAU, A. Anomalies de germination du pollen chez deux hybrides amphidiploïdes de *Nicotiana*. *Soc. Bot. de France B.* 91: 59-60. 1944. 451 B69
- 6237 ELLIS, H. G. Frost resistance [of grain and flax] tested. *Family Herald and Weekly Star* 76(25): 17. June 20, 1945. 7 F21
- 6238 \*ETTER, H. Ueber die unterscheidung nordschweizerischer stiel- und traubeneichen nach vegetativen merkmalen. *Schweiz. Z. f. Forstw.* 95: 237-246. July/Aug. 1944. 99.8 Sch9
- Quercus robur* and *Q. petraea*.
- 6239 FARDON, J. C., MAYNARD, SISTER M. T., and McDOWELL, SISTER M. M. A. A modified *Helianthus* test. I-III. *Growth* 9: 195-227. June 1945. 442.8 G91
- I. Comparative elongation rates employing two methods of applying the growth factors. II. The effect of pH in certain media on the zone of cell elongation in the hypocotyl of *Helianthus annuus*. III. The effect of different concentrations of indole-3-acetic acid on cell elongation of the hypocotyl of *Helianthus annuus* seedlings.
- 6240 GOPINATH, D. M. Cleistogamy in some of the flowers of *Caesalpinia indica* L. *Cur. Sci. [Bangalore]* 14: 74. Mar. 1945. 475 Sci23
- 6241 HEALY, A. J. *Nassella tussock* (*Nassella trichotoma* (Nees.) Hack.) field studies and their agricultural significance. *New Zeal. Dept. Sci. and Indus. Res. B.* 91, 90 p. Wellington, 1945. 330.9 N48B
- 6242 HOLDSWORTH, M. A comparative study of onion varieties in relation to bolting and yield when grown from sets. *Ann. Appl. Biol.* 32: 22-34. Feb. 1945. 442.8 An72
- 6243 HOPKINS, E. F., PAGÁN, V., and RAMÍREZ SILVA, F. J. Iron and manganese in relation to plant growth and its importance in Puerto Rico. *Puerto Rico U. J. Agr.* 28: 43-101. Apr. 1944. 8 P832J
- 6244 HUMPHRIES, E. C. Physiological and biochemical researches in cacao in 1943-44. *Trop. Agr. [Trinidad]* 22: 66-68. Apr. 1945. 26 T734
- 6245 \*IMSHENETSKII, A. A. Razlozhenie tsel-lulozy bakteriyami (Cellulose decomposition by bacteria). *Priroda* 33(2): 36-48. 1944. 410 P933
- 6246 IRISH, C. F. Aeration of tree roots. *Trees [Santa Monica]* 6(2): 9, 16-17. Apr. 1945. 99.8 W52
- 6247 JONES, R. F., and BAKER, H. G. Effect of adrenaline solutions on oat roots. *Nature [London]* 155: 544. May 8, 1945. 472 N21
- 6248 JUDKINS, W. P. The extraction of auxin from tomato fruit. *Amer. J. Bot.* 32: 242-249. May 1945. 450 Am36
- 6249 \*KASERER, H. Gipsmehl, das samen-treibmittel der zucker- und futterrüben und anderer pflanzen. *Bodenk. u. Pflanzenernähr.* 26: 74-92. 1945. 384 Z343A
- 6250 \*KEESE, H. Ueber den einfluss verschiedener wasser- und kaliversorgung auf die eiseisbildung im hafer. *Bodenk. u. Pflanzenernähr.* 36: 1-9. 1945. 384 Z343A
- 6251 \*KHOLODNYI, N. G. Dvadtsat' piat' let fiziologii rastenii na Ukraine (Twenty five years of plant physiology at the Ukraine 25th anniversary of the Ukrainian Academy of Sciences). *Bot. Zhur. S. S. S. R. (J. Bot. de l'U. R. S. S.)* 30: 3-13. 1945. 451 R923



6252 KRAMER, P. J. Absorption of water by plants. Bot. Rev. 11: 310-355. June 1945. Ref. 450 B6527

6253 LAYCOCK, D. H., and DALE, W. T. Preliminary investigations into the function of the endotrophic mycorrhiza of *Theobroma cacao* L. Trop. Agr. [Trinidad], 22: 77-80. Apr. 1945. 26 T734

6254 \*LÜDECKE, H., and others. Gefäßversuche mit borhaltigen heimischen roh- und abfallstoffen zur bekämpfung der herz- und trockenfäule der zuckerrübe. Bodenk. u. Pflanzenernähr. 34: 59-101. 1944. 384 Z343A

K. Sammet, G. Wimmer, and E. Pfeil, joint authors.

6255 MCCOLLAM, M. E. Leaf analysis for better crops. Calif. Cult. 92: 281, 290. May 26, 1945. 6 C12

6256 MCCOOL, M. M. Use of sodium cyanide for the eradication of undesirable plants. Boyce Thompson Inst. Contrib. 13: 473-477. Apr./June 1945. 451 B69

6257 MANN, H. H., and BARNES, T. W. The competition between barley and certain weeds under controlled conditions. Ann. Appl. Biol. 32: 15-22. Feb. 1945. 442.8 An72

Root space and effect of nitrogen.

6258 MANOS, E. The effect of heteroauxin on the growth of *Chlorella*. Biol. Rev. 7(1): 11-15. Mar. 1945. 442.8 B5225

6259 MIDDLETON, G. K., and others. The behavior of four varieties of peanuts as affected by calcium and potassium variables. Amer. Soc. Agron. J. 37: 443-457. June 1945. 4 Am34P

W. E. Colwell, N. C. Brady, and E. F. Schultz Jr., joint authors.

6260 MURNEEK, A. E., and WITWER, S. H. "Hormone" sprays for greenhouse grown tomatoes. Market Growers J. 74(6): 9, 36, 39, 42. June 1945. 6 M34

6261 NEWCOMER, E. H. Colchicine as a growth stimulator. Science 101: 677-678. June 29, 1945. 470 Sc12

6262 NUTMAN, P. S., THORNTON, H. G., and QUASTEL, J. H. Inhibition of plant growth by 2: 4-dichlorophenoxyacetic acid and other plant-growth substances. Nature [London], 155: 498-500. Apr. 28, 1945. 472 N21

6263 \*OBATON, F. Sur l'anthèse de deux *Salix* S. cinerea et S. polymorpha. Soc. Bot. de France B. 91: 77-78. 1944. 451 F84B

6264 \*OPITZ, K. Über das aneignungsvermögen und das düngedürfnis einiger kulturpflanzen für phosphorsäure. Bodenk. u. Pflanzenernähr. 35: 58-71. 1944. 384 Z343A

6265 PIZER, N. H., and DOWNES, W. F. Iron deficiency in glasshouse tomatoes. Gt. Brit. Min. Agr. Agriculture 52: 120-122. June 1945. 10 G79J

6266 \*PROKOFIEV, A. A. On the synthesis of rubber by plants. III. Photosynthesis of rubber formation in plants. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 45: 307-309. Dec. 10, 1944. 511 P444

6267 REESE, E., and REESE, L. The effects of carcinogens on growth of fungus hyphae. Growth 9: 177-187. June 1945. 442.8 G91

6268 ROBERTSON, R. N., and TURNER, J. S. Studies in the metabolism of plant cells. 3. The effects of cyanide on the accumulation of potassium chloride and on respiration; the nature of the salt respiration. Austral. J. Expt. Biol. and Med. Sci. 23: 63-73. Mar. 1945. 442.8 Au7

6269 \*RUBIN, A., and others. O periodichnosti nekotorykh professov v rastenii, ee prichinakh i fiziologicheskoi znachenii (Periodicity of certain processes in plants). Biokhimiia 10: 54-67. 1945. 385 B523

E. Artsikhivskaja, N. S. Spiridonova, and O. T. Lutikova, joint authors.

English summary.

6270 \*SAMMET, K. Wirkung borhaltiger rückstände in sandkultur bei der bekämpfung der herz- und trockenfäule der zuckerrübe. Bodenk. u. Pflanzenernähr. 36: 27-32. 1945. 384 Z343A

6271 \*SCHARRER, K., and SCHREIBER, R. Ueber die wirkung des magnesiums auf den eiweiss- und fetteertrag der sonnenblume (*Helianthus annuus* L.). Bodenk. u. Pflanzenernähr. 34: 301-310. 1944. 384 Z343A

6272 \*SCHARRER, K., and SCHREIBER, R. Ueber die wirkung kombinierter kalium- und magnesiumgaben auf ertrag und eiweissgehalt von Westerwoldischem weidelgrass (*Lolium multiflorum* var. *westerwoldicum*). Bodenk. u. Pflanzenernähr. 34: 293-301. 1944. 384 Z343A

6273 \*SCHARRER, K., and SCHREIBER, R. Die wirkung kombinierter kalium- und magnesiumernährung auf den eiweissertrag von rispenhirse (*Panicum miliaceum*). Bodenk. u. Pflanzenernähr. 36: 41-53. 1945. 384 Z343A

6274 \*SCHMALFUSS, K. Zur kenntnis der stickstoffernährung der runkelrüben. Bodenk. u. Pflanzenernähr. 36: 10-26. 1945. 384 Z343A

6275 \*SELIBER, G. L. Geterotrofiyni sposob pitaniia avtotrofiynkh organizmov (Heterotrophic mode of nourishment of autotrophic organisms). Priroda 33(5): 45-51. 1944. 410 P933

In plant nutrition.

6276 SHANK, D. B. Effects of phosphorus, nitrogen, and soil moisture on top-root ratios of inbred and hybrid maize. J. Agr. Res. 70: 365-377. June 1, 1945. 1 Ag84J

6277 \*SHCHERBAKOV, A. P. O kolichestve i raspredelenii nekotorykh fermentov v organakh i tkaniakh (Quantity and distribution of some enzymes in pea seedlings). Biokhimiia 10: 68-78. 1945. 385 B523

English summary.

6278 SHIRLEY, H. L. Reproduction of upland conifers in the Lake States as affected by root competition and light. Amer. Midland Nat. 33: 537-612. May 1945. 410 M58

6279 SINNOTT, E. W. The relation of cell division to growth rate in cucurbit fruits. Growth 9: 189-194. June 1945. 442.8 G91

6280 SLADE, R. E., TEMPLEMAN, W. G., and SEXTON, W. A. Plant-growth substances as selective weed-killers. Nature [London], 155: 497-498. Apr. 28, 1945. 472 N21

6281 SMITH, P. F. Auxin in leaves and its inhibitory effect on bud growth in guayule. Amer. J. Bot. 32: 270-276. May 1945. 450 Am36

6282 THOMAS, W. Present status of diagnosis of mineral requirements of plants by means of leaf analysis. Soil Sci. 59: 353-374. May 1945. Ref., p. 371-374. 56.8 So3

6283 THORNTON, N. C. Importance of oxygen supply in secondary dormancy and its relation to the inhibiting mechanism regulating dormancy. Boyce Thompson Inst. Contrib. 13: 487-500. Apr./June 1945. Ref. 451 B69

6284 TILT, J. Effect of temperature and time of sowing on the growth of flax in the field. Austral. Inst. Agr. Sci. J. 11: 41-44. Mar. 1945. 23 Au74

6285 \*VOLK, A. Einfluss der ernährung auf wurzeldruck, blutung und guttation. Bodenk. u. Pflanzenernähr. 35: 190-204. 1944. 384 Z343A

6286 WALP, R. L. Physiological effect of DDT upon potato plants. Gray Mem. Bot. Assoc. J. 11(4): 6-7, processed. Apr. 1945. 451 G793

6287 WHITE, H. E. Sprays by airplane; hormones to hold fruit applied in Northwest by this method. East. Fruit Grower 8(3): 4, 20, 29. May 1945. 80 Ea73

Experiments with use of Stop Drop, an oil emulsion type spray.

6288 \*WINIGER, A. Biene und obstatbau. Schweiz. Bienen-Ztg. 67: 545. Dec. 1944. 424.8 Sch9

6289 WINOKUR, M. Photosynthetic bacteria. Biol. Rev. 7(1): 6-11. Mar. 1945. 442.8 B5225

6290 WITHROW, A. P. Delay in flowering of Cordova mums by artificial light. Florists' Rev. 96(2481): 15-16. June 14, 1945. 80 W41



6291 \*ZHDANOVA, L. P. Effect of alkalinization of soil on the intensity of photosynthesis in different species of cotton. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 45: 353-356. Dec. 20, 1944. 511 P444

## BIOCHEMISTRY

6292 \*AUGIER, J. La répartition du mannoglycérate de sodium chez les floridées. Soc. Bot. de France B. 91: 92-94. 1944. 451 F84B

6293 CAVALLITTO, C. J., BAILEY, J. H., and BUCK, J. S. The antibacterial principle of *Allium sativum*. III. Its precursor and "essential oil of garlic." Amer. Chem. Soc. J. 67: 1032-1034. June 1945. 381 Am33J

6294 CAVALLITTO, C. J., BAILEY, J. H., and KIRCHNER, F. K. The antibacterial principle of *Arctium minus*. I. Amer. Chem. Soc. J. 67: 948-950. June 1945. 381 Am33J

6295 \*CHOLLET, M. M. Données biochimiques sur les campanules alpestres. Soc. Bot. de France B. 91: 113-114. 1944. 451 F84B

6296 COMMON, R. H. Application of the chemiluminescence test for haematin to plant tissues. Nature [London] 155: 604. May 19, 1945. 472 N21  
Experiments with *Triticum hybridum*.

6297 CORRIE, F. E. Some elements of plants and animals. 2. Calcium in plant nutrition. Fert., Feed Stuffs and Farm Supplies J. 31: 319, 321. June 6, 1945. 57.8 F413

6298 \*CUGNAC, A. DE, and BELVAL, H. Sur les affinités des genres *Agrostis* et *Apera* d'après leur constitution glucidique. Soc. Bot. de France B. 91: 1-3. 1944. 451 F84B

6299 \*LECAT, P. L'acide déhydroascorbique chez quelques phanérogames. Soc. Bot. de France B. 91: 59. 1944. 451 B69

6300 LOCKWOOD, L. B., and REEVES, M. D. Some factors affecting the production of itaconic acid by *Aspergillus terreus*. Arch. Biochem. 6: 455-469. May 1945. 381 Ar2

6301 MIROV, N. T. Effect of the crown on the composition of oleoresins in pines. J. Forestry 43: 345-348. May 1945. 99.8 F768

6302 \*OPARIN, A. I., and KADEN, S. B. Prevrascheniia beta-amilazy v prorashtushchikh semenakh psheinitsey (Changes of beta-amylase in wheat seedlings). Biokhimiia 10: 25-36. 1945. 385 B523  
English summary.

6303 STODDART, L. A. Chemical composition of wheatgrass *Agropyron spicatum*, and its response to season. Farm & Home Sci. [Utah Sta.] 6(2): 5, 15. June 1945. 100 U41F

6304 TSENG, C. K. The terminology of seaweed colloids. Science 101: 597-602. June 15, 1945. 470 Sc12

Classification of agar-agar and other extracts.

6305 WHITTENBERGER, R. T., BRICE, B. A., and COPLEY, J. J. Distribution of rubber in *Cryptostegia* as a factor in its recovery. India Rubber World 112: 319-323. June 1945. 305.8 In2

## SILVICULTURE

6306 BRUCE, D., and COURT, A. Trees for the Aleutians. Geog. Rev. 35: 418-423. July 1945. 500 Am35G

Account of progress in reforestation since 1805.

6307 \*GARLAND, E. A. Experiments in alternating husbandry in Sind. Indian Farming 5: 495-498. Nov. 1944. 22 In283

Possibility of growing trees in a system of crop rotation.

6308 \*JÄGER, L. Das wiedereinbringen der buche in die nadelholzbestände des forstbezirkes St. Gallen. Schweiz. Z. f. Forstw. 96: 39-45. Feb. 1945. 99.8 Sch9

6309 MULLOY, G. A., and CUNNINGHAM, G. C. Planning a planted forest. Forestry Chron. 21: 127-129. June 1945. 99.8 F7623

Deals chiefly with spacing of trees.

6310 ROBERTSON, W. M. Some observations on silvicultural methods. Canada. Forest Serv. Silv. Res. Note 75, 18 p., processed. Ottawa, 1945. 99.9 C16Re

6311 W., J. From a woodman's diary. / Country Life [London] 97: 769. May 4, 1945. 80 C83

Work in a forest nursery, January to March.

6312 \*WECK, Beitrag zur frage: zuwachsleistung und witterung. Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., No. 1, p. 60-64. Mar. 1944. 99.8 F775

6313 \*WINKLER, O. Die aufforstungen im mittle-ren Taminatal [Switzerland]. Schweiz. Z. f. Forstw. 96: 83-91. Apr. 1945. 99.8 Sch9

## FIELD CROPS

Includes articles on general agronomy and on crop varieties, breeding, cultural practices, and yield.

## General

6314 DUNHAM, R. S. New varieties [of small grains and flax] and their distribution [in Minnesota]. Northwest School News 29(4): 3. Apr./May 1945. 6 N8125

6315 ESCOBAR, A. Plantas competidoras. Agr. Mex. 61(1): 1-2. Jan. 1945. 8 Ag8

Rotation and labor requirements of field crops.

6316 \*KATZ, A. Seasonal directions regarding falha. (In Hebrew.) Hassadeh 25: 213-214. Apr. 1945. 26 H27

A system of crop management.

6317 SHULTZ, W. O. Crops for winter. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 89, 1. e. 90, 2 p. Pretoria, 1945. 24 So82Pa

## Cereals

6318 ATKINS, I. M., and REID, D. A. Westar wheat; a new variety. Farm and Ranch 64(6): 24. June 1945. 6 T31

6319 COFFMAN, F. A., and others. Improvement and distribution of spring-sown red oats. Amer. Soc. Agron. J. 37: 479-498. June 1945. Ref. 4 Am34P

E. G. Heyne, C. O. Johnston, H. Stevens, and H. C. Murphy, joint authors.

6320 DUNHAM, R. S. Early and late seeding of grain. Northwest School News 29(4): 2-3. Apr./May 1945. 6 N8125

6321 FLETCHER, D. G. Warm, dry weather needed in Southwest. Grain & Feed Rev. 34(10): 12. June 1945. 280.28 C78

Crop and rust conditions in grain producing area.

6322 HENNING, P. D. Cereal varieties for winter rainfall area. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 115, 2 p. Pretoria, 1945. 24 So82Pa

6323 HEPLER, J. R. Popcorn. New England Homestead 118(10): 4. May 26, 1945. 6 N442

6324 HUBER, L. L. Thin stands of corn produce bigger ears but lower yields than thicker plantings. Sci. Farmer [Pa. Sta.], 1945, p. 10. 100 P381

6325 \*HURWITZ, S. The cultivation of the "winter some" [sorghum] in Palestine. (In Hebrew.) Hassadeh 25: 262-263. May 1945. 26 H27

6326 KERLE, W. D. Broom millet production. Agr. Gaz. N. S. Wales 56: 197-200. (To be cont.) May 1, 1945. 23 N472

6327 \*KOZHUKHOV, I. Rezervy povysheniia urozhainosti kukuruzy [Methods of increasing the yields of maize]. Sovkhoz. Proizvod. 5(1/2): 33-36. Jan./Feb. 1945. 20 So85



6328 \*LAPIN, M. Iz praktiki peredovykh kolkhozov po agrotekhnike ozimnykh kul'tur [Agricultural technique for winter cereal crops as practiced on the leading collective farms]. *Sotsialist. Sel'sk. Khoz* 16(1/2): 37-45. Jan./Feb. 1945. 281.8 So73

6329 LOWERY, J. C. Grain sorghum is a promising crop. *This Month in Rural Ala.*, June 1945, p. 6. 6 T34

6330 \*LYSENKO, T. Kul'tura ozimnykh v stepi Sibiri [Cultivation of winter crops in the Siberian steppe]. *Sotsialist. Sel'sk. Khoz* 15(11/12): 43-55. Nov./Dec. 1944. 281.8 So73  
Wheat and rye.

Also in *Sovkhoz. Proizvod.* 4(10/11): 16-27. Oct./Nov. 1944. 20 So85

6331 \*NANDI, H. K. Rice in Assam. *Indian Farming* 5: 505-508. Nov. 1944. 22 In283

6332 NIVEN, L. A. Arkansas corn yield tests. *Prog. Farmer, Miss.-Ark.-La. Ed.* 60(7): 45. July 1945. 6 So81

6333 \*PONOMARENKO, F. Vozobnovit' sorta neospafushchikhsia pshenits [To renew the cultivation of nonshattering wheat varieties]. *Sovkhoz. Proizvod.* 5(1/2): 40. Jan./Feb. 1945. 20 So85  
"Gordeiforme 010, 0189"

6334 PUTNAM, H. O. Minnesota wheat varieties. *Minn. Seed Grower* 18(3): 4. June 1945. 61.8 M66

6335 RICKARD, J. A. The new sorghum belt [the Coastal Bend area of south Texas]. *Farm and Ranch* 64(6): 8. June 1945. 6 T31

6336 ROHDE, E. S. Peculiarities of maize. *Field* 185: 474. May 12, 1945. 10 F45

6337 \*VAIDYA, V. G. Improvement in the yield of paddy. *Indian Farming* 5: 449-453. Oct. 1944. 22 In283

6338 WOODWARD, R. W. How new varieties of small grains are produced. *Farm & Home Sci. [Utah Sta.]* 6(2): 6-7, 16. June 1945. 100 UtlF

#### Fiber Crops

6339 CASTRUCCIO, L. El cultivo del cañamo en la Provincia de Mendoza. Mendoza (Prov.). *Dir. de Indus. y Fomento Agr. B. Agr.* 12: 271-290. (Concl.) June/Sept. 1944. 9 M52B

6340 \*K. Anbau von flachs--eigene leinwand. *Schweiz. Gart., No. 4*, p. 115-116. Apr. 1945. 30 Sch93

6341 LIGER, P. La culture du chanvre en Italie. *Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc.* 15: 77-78. Apr. 1945. 80 F9482

6342 \*MOROZOV, G. O sevooborotakh v khlopkovodcheskikh kolkhozakh [Concerning crop rotations on the cotton-growing collective farms]. *Sotsialist. Sel'sk. Khoz* 16(1/2): 55-58. Jan./Feb. 1945. 281.8 So73

6343 NEELY, J. W., and BRAIN, S. G. Cotton varieties in the Yazoo-Mississippi Delta. *Miss. Farm Res. [Miss. Sta.]* 8(4): 4-5. Apr. 1945. 100 M69M1

6344 STUCKER, G. Ceiba, king of tropic tree-dom. *Nature Mag.* 38: 321-323, 332. June/July 1945. 409.6 N214

6345 THEUNE J., J. El cultivo del lino en el Departamento de San Vicente de Tagua-Tagua. *Campe-sino [Santiago, Chile]* 77: 134-135. Mar. 1945. 9.3 Sol2

#### Forage Crops and Grasses

6346 \*AHARONOVITCH, I. Summer hay crops. (In Hebrew.) *Hassadeh* 25: 219. Apr. 1945. 26 H27

6347 AHLGREN, H. L., and WERNER, G. M. Bigger grazing acres. *Capper's Farmer* 56(7): 13, 19. July 1945. 6 M693

6348 ALBAUGH, R., and JONES, B. How's your grass? *West. Livestock J.* 23(39): 18-19, 46-47. June 15, 1945. 6 F2278

Range forage plants.

6349 ALEXANDER, M. A. Rotation grazing for more pasture days. *Midwest Wool Growers News* 14(7): 7. June 1945. 45.8 M58

6350 ANDRADE, B. M. DE. Pastagens. V. Refórma e rotaçáo das pastagens. *Rev. dos Criadores* 16(4): 21, 23-24. Apr. 1945. 43.8 R32

6351 ARAMBARRI, D. Consideraciones sobre la siembra de la alfalfa. *Argentina. Dir. de Ganad. B. de Ganad.* 1(3): 20-22. Dec. 1944. 49 B86

6352 ARBOUR, M. B. Doubled yields, tripled herd [from growing Singletary pea]. *Prog. Farmer, Miss.-Ark.-La. Ed.* 60(6): 43. June 1945. 6 So81

6353 BENNETT, H. W. Pastures respond to mowing with higher yields, better, more nutritious herbage. *Miss. Farm Res. [Miss. Sta.]* 8(4): 1-2, 7. Apr. 1945. 100 M69M1

6354 BENNETT, H. W. Sorghums for silage and syrup. *South. Agr.* 75(6): 15. June 1945. 6 So83

6355 BISWELL, H. H. Forest grazing research studies to improve management. *Forest Farmer* 4(8): 6. May 1945. 99.8 F7692

6356 BRACKEN, L. O. Manganese bur clover in Alabama. *South Agr.* 75(7): 15. July 1945. 6 So83

6357 BRYAN, A. B. The advantages of pearl millet. *South. Agr.* 75(6): 16. June 1945. 6 So83

6358 BURTON, G. W. Dallis grass seed sources. *Amer. Soc. Agron. J.* 37: 458-468. June 1945. 4 Am34P

Seed from U. S. and foreign sources tested to determine causes of poor seed.

6359 COSTELLO, D. F. Know your range grasses and plants. Kentucky bluegrass (*Poa pratensis*). *Westerner* 8(5): 17-20. June 1945. 49 W522

6360 CULBERTSON, R. E. El mejoramiento de los pastos en Colombia. *Rev. Nac. de Agr. [Bogotá]* 38 (485): 23-24. Jan. 1945. 9.4 R32

6361 CULBERTSON, R. E. Reed Canary grass (*Phalaris arundinacea*). *Rev. Nac. de Agr. [Bogotá]* 38 (485): 33-34. Jan. 1945. 9.4 R32

6362 FRIANT, R. J. Pastures; their production, care and management. *W. Va. Dept. Agr. Market B., Spec. Dairy Ed.*, June 1945, p. 5-6. 2 W522W

6363 GONZALEZ DE COUTO, A. Ya viene la destructiva sequia. *Retiro Azucarero* 1(2): 26-29. Sept. 1944. 65.8 R31

Drought resistance of Para grass.

6364 \*HURWITZ, S. Summaries and prospects of fodder farming. (In Hebrew.) *Hassadeh* 25: 216-218. Apr. 1945. 26 H27

6365 LESPÉRANCE, R. Sauvons au moins toute la richesse de nos pâturages. *Terre de Chez Nous* 17 (35): 10, 18. June 1945. 7 T27

6366 MONTREUIL, J. E. C'est déjà le temps des foins. *Terre de Chez Nous* 17(36): 9, 18. June 13, 1945. 7 T27

6367 MOORE, H. I. Grassland. *Young Farmer* 13: 59-60. May/June 1945. 10 Y8

6368 NORGAAARD, U. J. Hints for alfalfa seed production. *Dakota-Farmer* 65(12): 12. June 23, 1945. 6 D14

6369 OSBORN, B. Grazing capacities of Grand Prairie ranges. *Cattleman* 32(1): 17-18, 58. June 1945. 49 C29

6370 OWENS, J. S. Ladino clover. *New England Homestead* 118(11): 4, 10. June 9, 1945. 6 N442

6371 P., F. C. Pasture [lespedeza] for bees and cows. *Amer. Bee J.* 85: 196. June 1945. 424.8 Am3

6372 PENN, R. E. Grasses demand proper treatment [through grazing]. *Farmer-Stockman* 58(6): 216, 219. June 1945. 6 Ok45

6373 \*REISS, A. Instructions on fodder crops. (In Hebrew.) *Hassadeh* 25: 214-216. Apr. 1945. 26 H27

6374 ROBERTSON, J. H. Range reseeding [with *Poa ampla*]. *Natl. Wool Grower* 35(6): 14. June 1945. 45.8 N21N



6375 ROE, J. While the heat's on pastures. *Successful Farming* 43(7): 24, 60-61. July 1945. 6 Sul2

6376 SEVERSON, H. Blue lupine makes good. *South. Agr.* 75(7): 8-9, 17. July 1945. 6 So83

6377 STURKIE, D. G. Alfalfa promising. *This Month in Rural Ala.*, July 1945, p. 5. 6 T34

6378 W., J. W. Testing out brome grass. *Rural New-Yorker* 104: 318. June 16, 1945. 6 R88

6379 WATSON, D. J., and RUSSELL, E. J. The Rothamsted experiments on mangolds, 1876-1940. Part III. Causes of variation of yield. *Empire J. Expt. Agr.* 13: 61-79. Apr. 1945. 10 Em7

6380 WILLIAMSON, J. T. 'Tis kudzu mowing time. *This Month in Rural Ala.*, June 1945, p. 8. 6 T34

6381 WOODWARD, L. H. Planning the hay crop. *Rural New-Yorker* 114: 293, 301. June 2, 1945. 6 R88

6382 \*YANOVSKY, J. On grazing in the falha fields. (In Hebrew.) *Hassadeh* 25: 289-290. May 1945. 26 H27

#### Oil Crops

6383 COCKERELL, W. P. The red sunflower. *Calif. Gard.* 36(2): 1. June 1945. 80 Cl27  
Comparison of the 1945 varieties with the first one found in 1910.

6384 DIAZ ROMERO, E. Cultivo del maní. *Agro-nomía, Habana*, 5: 84-91. May 1945. 8 C893

6385 DILLCOCK, F. Soybean growing in Canada. *Soybean Digest* 5(8): 8-9. June 1945. 60.38 So9

6386 POGGENDORFF, W. H. The production of linseed in New South Wales. *Agr. Gaz. N. S. Wales* 56: 191-194. May 1, 1945. 23 N472

#### Sugar Crops

6387 ARCENEUX, G., and HEBERT, L. P. Results of sugarcane variety tests in Louisiana during 1944. *Sugar B.* 23: 143-149. June 15, 1945. 65.9 Am32

6388 ASHLEY, T. E. C. P. 29-119 and C. O. 290 lead in sugarcane test. *Miss. Farm Res.* [Miss. Sta.], 8(5): 7. May 1945. 100 M69M1

6389 DUNCKELMAN, P. H., and EDGERTON, C. W. Report on cooperative tests with the hot water treatment of sugarcane. *Sugar B.* 23: 138-141. June 15, 1945. 65.9 Am32

6390 GOUAUX, C. B. Sugar cane test fields--season of 1944. *Sugar B.* 23: 150-155. June 15, 1945. 65.9 Am32

#### Tobacco

6391 CULTIVO del tabaco. Retiro Azucarero 1(3): 27-29, 31. Oct. 1944. 65.8 R31

Tobacco culture in Vuelta Abajo, Cuba.

6392 \*PAL, B. P., and RAO, T. N. Does acclimatized cigarette tobacco seed deteriorate? *Indian Farming* 5: 516-517. Nov. 1944. 22 In283

6393 STINSON, F. A. Preliminary cropping studies with flue-cured tobacco. *Canada. Expt. Farms. Tobacco Div. Lighter* 15(2): 16-20, processed. May 1945. Ref. 286.89 Cl6

Effect of rotation on quality and yield.

#### HORTICULTURE

Includes articles on general horticulture, and on varieties, breeding, cultural practices, and yield.

#### General

6394 \*ANLIKER, J. Vermehrung der obstarten und anderer gewächse durch stecklinge und ableger. *Schweiz. Z. f. Obst- u. Weinbau* 54: 58-60, 104-109. Feb. 17, Mar. 17, 1945. 80 Sch9

6395 \*BERGER, F. Ein kleiner kniff beim propfen. *Schweiz. Gart.*, No. 2, p. 48-49. Feb. 1945. 80 Sch93

6396 BLAKE, M. A. Some effects on plants of the early spring season of 1945. *N. J. State Hort. Soc. Hort. News* 26: 1712-1714. May 1945. 81 N46

6397 COOPER, W. C., and STOUTMYER, V. T. Propagación vegetativa de plantas tropicales. I. *Hacienda* 40: 286-288. June 1945. 6 H11

6398 DUMSER, D. W. Garden making on a hillside. *Amer. Home* 34(2): 40-41. July 1945. 80 Am313

6399 \*H., R. Hinweise zur aussaat ins frühbeet. *Schweiz. Gart.*, No. 3, p. 88-89. Mar. 1945. 80 Sch93

6400 HEWITT, G. Gardens for the blind. *Gard. Chron.* 117: 230. May 26, 1945. 80 G162

Garden Club for the Blind organized in England.

6401 HOLMAN, R. L. Farming without dirt; hydroponics permits farmers to produce bumper crops even when it doesn't rain. *Forbes* 55(11): 17. June 1, 1945. 280.8 F74

6402 JONES, L. H. Revealing study of plant bands. *Horticulture* 23: 316. June 15, 1945. 80 H787

Square, bottomless containers for seedlings.

6403 \*K., F. Ein wink für die herrichtung der frühbeetkästen im hausgarten. *Schweiz. Gart.*, No. 3, p. 89. Mar. 1945. 80 Sch93

6404 MULLER, H. Approved schools as a valuable source of skilled gardeners. *Gard. Chron.* 117: 255. June 9, 1945. 80 G162

6405 REBOUR, H. La grande misère de notre enseignement horticole. *Fruits et Primeurs de l'Afrique du Nord*, Ed. Maroc. 15: 68-69. Apr. 1945. 80 F9482

6406 \*SCHMID, H. Die baumschulenkontrolle 1934-1944. *Schweiz. Z. f. Obst- u. Weinbau* 54: 207-210, 214. June 9, 1945. 80 Sch9

6407 SHEWELL-COOPER, W. E. Winning the peace--horticulturally. *Field* 185: 422. Apr. 28, 1945. 10 F45

Postwar horticulture in Great Britain.

#### Fruits--General

6408 GRAVES, H. A. Pembina farm proves fruits will produce. *Dakota-Farmer* 65(12): 5. June 23, 1945. 6 D14

A fruit farm in Pembina County, N. Dak.

6409 SOUTHWICK, L. Midsummer in the orchard. *Rural New-Yorker* 104: 317, 319. (To be cont.) June 16, 1945. 6 R88

#### Fruits--Citrus and Subtropical

6410 \*FAWCETT, W. Thinning out and treatment of banana suckers. (In Hebrew.) *Hassadeh* 25: 225-226. Apr. 1945. 26 H27

6411 \*HAYES, W. B. Some neglected Indian citrus fruits. *Allahabad Farmer* 17: 225-228. Nov. 1943. 22 AL5

6412 JOHNSTON, J. C. Fundamentals of pruning. *Citrus Leaves* 25(6): 18, 22, 24. June 1945. 80 C492

6413 JULIEN, J. H. Propagation of the bread fruit (*Artocarpus incisa*) by the solar propagator. *Rev. Agr. de l'île Maurice* 24(1): 31-33. Jan./Feb. 1945. 24 M44

6414 \*LÓPEZ GÓMEZ, P. Palmera datilera. *Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg.*, v. 37, No. 1, 8 p. Madrid, 1945. 15 H68

6415 MOORE, E. C. Citrus nursery stock. *Citrus Leaves* 25(6): 29. June 1945. 80 C492

6416 \*OPPENHEIMER, H. Summaries about tropical and subtropical fruit trees in 1942/43 and 1943/44. (In Hebrew.) *Hassadeh* 25: 228-229. (Cont.) Apr. 1945. 26 H27

6417 SMITH, R. J. Should large lemon trees be pruned down? *Calif. Cult.* 92: 338-339. June 23, 1945. 6 Cl2



- 6418 STEPHENS, S. E. Banana culture in tropical Queensland. Queensland Agr. J. 60: 137-153. Mar. 1945. 23 Q33
- 6419 \*YOFFE, I. Testing the maturity of oranges. (In Hebrew.) Hassadeh 25: 226-228. Apr. 1945. 26 H27

#### Fruits--Deciduous

- 6420 BLAKE, M. A. What is the date of full bloom of the Stayman apple? N. J. State Hort. Soc. Hort. News 26: 1716, 1719. May 1945. 81 N46
- 6421 BLAKE, M. A. What is the normal date of bloom of the Elberta peach at New Brunswick? N. J. State Hort. Soc. Hort. News 26: 1716. May 1945. 81 N46
- 6422 \*BRYNER, W. Zum formieren der hochstamm- und pyramidenkrone. Schweiz. Z. f. Obst- u. Weinbau 54: 55-58. Feb. 17, 1945. 80 Sch9
- Pruning of apples and pears.
- 6423 BURKHOLDER, C. L. 1944 experiences with thinning peach bloom. Ind. Hort. Soc. Trans. (1944) 84: 42-46. 81 In2
- 6424 BURKHOLDER, H. Those old apple varieties. Ohio Farmer 195(12): 9. June 16, 1945. 6 Oh3
- 6425 CUNIN, G. La taille des arbres à fruits à noyaux. Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 80-81. Apr. 1945. 80 F9482
- 6426 DORSEY, M. J. Producing and handling the peach crop. Ind. Hort. Soc. Trans. (1944) 84: 46-49. 81 In2
- 6427 \*FRITZSCHE, R., and KOEHL, F. Befruchtungsversuche mit der Fellenbergswetschge. Schweiz. Z. f. Obst- u. Weinbau 54: 44-46. Feb. 3, 1945. 80 Sch9
- 6428 \*FRITZSCHE, R. Das blühen und die befruchtung unserer obstbäume. Schweiz. Z. f. Obst- u. Weinbau 54: 140-143. Apr. 1945. 80 Sch9
- 6429 GOURLEY, J. H. Some trends in the orchard industry [replacement of old apple trees]. Ind. Hort. Soc. Trans. (1944) 84: 89-95. 81 In2
- 6430 \*JOHANSSON, E. Ett sort- och grundstam-försök med äpple 1 Danmark [A variety- and seedling-experiment with apples in Denmark]. Försök och Forskning 2: 57-58. Apr. 1945. 11 F77
- 6431 \*PICAZA, J. El cultivo del manzano. XXIX-XXXI. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 37, No. 4, 12 p. Madrid, 1945. 15 H68
- 6432 RAGGI, C. A. Breves notas sobre la instalación y primeros cuidados culturales y sanitarios de un monte duraznero. Suelo Argentino 4: 257-258. Apr. 1945. 9 Su2
- 6433 REBOUR, H. Revue de la littérature sur l'incompatibilité entre sujet et greffon des arbres poutiers (abricotier, amandier, cerisier, pêcher, poirier, pommier, prunier) par G. K. Argles. Imp. Bur. Hort. Tech. Commun. 9. Résumé, adapté et commenté. Algeria. Dir. de l'Agr. Docs. et Renseign. Agr. B. 113, 49 p. Algiers, 1945. 24 AL34

- 6434 \*S., P. Die frühbirne "Stuttgarter geiss-hirtle." Schweiz. Gart., No. 2, p. 47-48. Feb. 1945. 80 Sch93
- 6435 SHAW, J. K. The green McIntosh [apple] problem. New England Homestead 118(11): 8-9. June 9, 1945. 6 N442

Causes of poorly colored fruit.

- 6436 SIMMONDS, A. The origin of apple 'Ellison's Orange.' Roy. Hort. Soc. J. 70: 150-151. May 1945. 84 L84J
- 6437 SLATE, G. L. Too many fruits spoil the crop; thinning the young apple and peach crop now will mean better quality. Home Gard. 5(6): 63-66. June 1945. 80 H756
- 6438 SNYDER, J. C. When is an old [apple] tree old? It depends on how you prune and care for it. Better Fruit 39(12): 7. June 1945. 80 B46

- 6439 SOUTHWICK, L. How to care for dwarf apple trees. Flower Grower 32: 305, 327. June 1945. 80 M72
- 6440 STEELMAN, C. H., JR. Apples can be June budded. N. J. State Hort. Soc. Hort. News 26: 1720. May 1945. 81 N46

- 6441 TERRY, H. B. Planting the commercial orchard. Farming in So. Africa 20: 245-248, 258. Apr. 1945. 24 So842

- 6442 U. S. PATENT OFFICE. Plant patent No. 658. Etter, A. F. Crab apple tree. 1 p., 1 col. pl. Patented June 5, 1945. 156.65 P69

- 6443 VAN AMBURG, W. World's largest d'Anjou [pear] orchard at White Salmon [Washington]. Better Fruit 39(11): 8-9, 13. May 1945. 80 B46

- 6444 WARDS, H. C. A. Apples are a side-line in Italy. Orchardist New Zeal. 18(3): 7-9. Mar. 5, 1945. 80 Or19

Apple-growing in Italy and in New Zealand compared.

#### Fruits--Small

- 6445 COLLYER, L. V. Growing small fruits in your victory garden. Scoharie Co. Dairies Co-op. News 1(12): 2, 10. May 1945. 280.28 Sch6
- 6446 DEMPSEY, P. W. Bramble fruits. New England Homestead 118(10): 4. May 26, 1945. 6 N442
- 6447 \*FRITZSCHE, R. Der rebblihet. Schweiz. Z. f. Obst- u. Weinbau 54: 215-217. June 9, 1945. 80 Sch9
- 6448 \*HUBER, H. Die erste laubarbeit (erlesen, wilden, ausbrechen). Schweiz. Z. f. Obst- u. Weinbau 54: 171. Apr. 28, 1945. 80 Sch9
- Grape pruning.
- 6449 JUDKINS, W. P. Let's grow berries in our backyard. Mich. Hort. Soc. Hort. News 11: 73-74. June 1945. 80 H7815
- 6450 LATIMER, L. P. How strawberries grow. New England Homestead 118(10): 8-9. May 26, 1945. 6 N442
- 6451 \*PEYER, E. Die klonenauslese, ein mittel zur verbesserung der qualität unserer weine und die rentabilität des rebbaus. Schweiz. Z. f. Obst- u. Weinbau 54: 29-33. Jan. 20, 1945. 80 Sch9
- 6452 \*PEYER, E. Der stand der direktträgerfrage in der Schweiz. Schweiz. Z. f. Obst- u. Weinbau 54: 118-124, 131-133. Mar. 31, Apr. 14, 1945. 80 Sch9
- Grape varieties and propagation.
- 6453 \*SIMHA. Thinning-out trial with Muscat de Hambourg grafted on B41. (In Hebrew.) Hassadeh 25: 270-272. May 1945. 26 H27
- 6454 WRIGHT, P. More vitamins; rose bushes, fruit plants. Saskatchewan Farmer 36(12): 3. June 15, 1945. 7 Sa74

#### Nuts

- 6455 MCGILLIVRAY, K. D. Pruning the almond. Agr. Gaz. N. S. Wales 56: 205-208. May 1, 1945. 23 N472

#### Ornamental Plants

- 6456 ADAMS, C. D. Outstanding iris. Wis. Hort. 35: 238-239. May/June 1945. 80 W752
- 6457 ALTON, MRS. C. F. Texas at last will have school of floriculture [at Texas Agricultural and Mechanical College]. South. Florist and Nurseryman 58(14): 5-6. June 29, 1945. 80 So86
- 6458 \*AMMANN, G. Ist das "natürliche" ein formersatz? Schweiz. Gart., No. 2, p. 33-38. Feb. 1945. 80 Sch93
- Types of landscape gardening.
- 6459 ANDERSON, A. W. Brown's Superb Blush [rose]. Gard. Chron. Amer. 49: 156, 168. June 1945. 80 G1632
- 6460 ANDERSON, A. W. The story of the sweet pea. Gard. Chron. Amer. 49: 159. June 1945. 80 G1632



- 6461 ANDERSON, MRS. H. J. *Dianthus* (pinks) worth while. *Canad. Hort. & Home Mag. Floral Ed.* 68: 146. June 1945. 80 C16F
- 6462 ARLAND, F. L. Growing the trailing arbutus [*Epigaea repens*]. *N. Y. Bot. Gard. J.* 46: 102-109. May 1945. 451 N48J
- 6463 ARNOLD, R. C. *Cattleya luteola*. *Orchid Rev.* 53: 59-60. May/June 1945. 80 Orl5
- 6464 AUTEN, E., JR. Requirements for a good commercial cut flower. *Amer. Peony Soc. B.* 97, p. 22-25. Mar. 1945. 81 Am38B
- 6465 B., D. M. Free-flowering rock plants. *Pop. Gard.* 47: 109. June 2, 1945. 80 G1622
- 6466 BABB, MRS. E. G. *Dryas suendermanni* in Maine. *Amer. Rock Gard. Soc. B.* 3: 42. May/June 1945. 81 Am342
- 6467 BALL, MRS. F. L. The ginkgo tree. *Home Acres*, June 1945, p. 25. 4 W84
- 6468 BALTHIS, F. K. The devil's tongue; *Hydrosme rivieri*. *Gard. Chron. Amer.* 49: 153. June 1945. 80 G1632
- 6469 BAUDERS, E. M. Propagating African violets. *Horticulture* 23: 290. June 1, 1945. 80 H787
- 6470 \*BAUMANN, E. Ein kleiner wohngarten. *Schweiz. Gart.*, No. 3, p. 67-74. Mar. 1945. 80 Sch93
- 6471 BEALE, J. H. New shrubs from bits and pieces [of cuttings]. *Home Gard.* 5(6): 44-48. June 1945. 80 H756
- 6472 BERTSCHLER, F. L. Texan previews postwar trends in landscaping--Our travelled service men will bring back ideas. *South. Florist and Nurseryman* 58 (14): 7. June 29, 1945. 80 So86
- 6473 BLACKWELL, R. C. Native plants worth domesticating. *Gard. Club Amer.*, ser. 9, No. 12, p. 52-54. June 1945. 90.32 G16
- 6474 BLAIR, W. D. Choice Callunas. *Amer. Rock Gard. Soc. B.* 3: 38. May/June 1945. 81 Am342
- 6475 \*BOLLI, Die "wachablume vom Mississippi" [*Magnolia tripetala*]. *Schweiz. Gart.*, No. 2, p. 43. Feb. 1945. 80 Sch93
- 6476 BROMLEY, S. W. Trees as living monuments. *Parks & Recreation* 28: 127-129. May/June 1945. 99.8 P23
- 6477 BURKE, E. Summer care of roses. *Home Acres*, June 1945, p. 27-28. 4 W84
- 6478 CABOT, MRS. S. Northwhile [hardy] shrubs. *Home Acres*, June 1945, p. 24. 4 W84
- 6479 CALVIN, R. H. How to cut a rose. *Calif. Gard.* 36(2): 6, 8. June 1945. 80 C127
- 6480 CAMERON, MRS. E. L. You can grow African violets. *Gard. Gossip* 20(6): 9-10. June 1945. 80 G1625
- 6481 CASEY, J. Victory vegetable blossoms. *Sheep and Goat Raiser* 25(9): 38-39. June 1945. 45.8 Sh3
- 6482 CASSEBEER, F. W. Indestructible iris. *Country Book Mag.* 5(1): 73-81. Summer 1945. 6 C836
- 6483 CASSEBEER, F. W. Watch your gladiolus grow. *Home Gard.* 5(6): 18-20. June 1945. 80 H756
- 6484 CHADWICK, L. C. *Philadelphus virginialis*. *Amer. Nurseryman* 81(12): 26. June 15, 1945. 80 Am371
- 6485 \*CHRISTINE. Vom fenster-, balcon- und dachgarten. *Schweiz. Gart.*, No. 4, p. 118-120. Apr. 1945. 80 Sch93
- Lattice covered with moss used for a foundation.
- 6486 CLARK, A. M. *B. x gilsoni*. *Begonian* 12: 108-109. June 1945. 96.511 B39
- 6487 \*CLEMATIS, das schönste rankenwerk. *Schweiz. Gart.*, No. 2, p. 39-41. Feb. 1945. 80 Sch93
- 6488 COOMBS, S. V. Alaskan flowers for our gardens. *Gard. Chron. Amer.* 49: 166-167. June 1945. 80 G1632
- 6489 COOPER, E. *Coelogyne tomentosa*. *Orchid Rev.* 53: 58-59. May/June 1945. 80 Orl5
- 6490 COOPER, E. *Eria globifera*. *Orchid Rev.* 53: 74-76. May/June 1945. 80 Orl5
- 6491 \*CORREYON, A. *Dianthus alpinus* L. (Alpen-nelke). *Schweiz. Gart.*, No. 4, p. 102-103. Apr. 1945. 80 Sch93
- 6492 CRONK, L. M. Preserving cut flowers. *Home Gard.* 5(6): 102-103. June 1945. 80 H756
- 6493 CURTIS, A. E. How to keep oriental poppies happy. *Flower Grower* 32: 353. July 1945. 80 M72
- 6494 D., M. L. Flower seeds to sow in summer. *Pop. Gard.* 47: 109. June 2, 1945. 80 G1622
- 6495 DAVIS, J. C. P. M. Florists' flowers. III. Sweet peas. *Roy. Hort. Soc. J.* 70: 128-131. May 1945. 84 L84J
- 6496 DEPETRIS, V. R. *Anthuriums*. *Mich. Hort. Soc. Hort. News* 11: 76. June 1945. 80 H7815
- 6497 DOUGLAS, G. Pink parade [iris]. *Flower Grower* 32: 308-309, 330. June 1945. 80 M72
- 6498 DOWNER, H. E. Historical sketches: fuchsias. *Gard. Chron. Amer.* 49: 164-165. June 1945. 80 G1632
- 6499 DOWNER, H. E. Plant for permanence--sweet bay [*Magnolia virginiana*]. *Flower Grower* 32: 349. July 1945. 80 M72
- 6500 DOWNER, H. E. Plant for permanence--the Japanese rose. *Flower Grower* 32: 335. June 1945. 80 M72
- 6501 DUNSCOMB, MRS. R. J. Summer care of scented geraniums. *Back to Eden* 11(11): 3. June 1945. 80 B12
- 6502 EDMUNDS, F. All good rose gardens need hybrid perpetuals. *Home Gard.* 5(6): 34-38. June 1945. 80 H756
- 6503 \*EGGER, R. Neue blumen. *Schweiz. Gart.*, No. 4, p. 120-122. Apr. 1945. 80 Sch93
- 6504 EVERETT, T. H. Grow your own hard-to-get perennials. *Home Gard.* 5(6): 39-42. June 1945. 80 H756
- 6505 EVERETT, T. H. Plant portraits [*Moricondia sonchifolia*; *Alocasia watsoniana*]. *Gard. Chron. Amer.* 49: 160-161. June 1945. 80 G1632
- 6506 FAIRBURN, D. C. Home-grown gardenias. *Mo. Bot. Gard. B.* 33: 123-128. June 1945. 451 M69B
- 6507 \*FIRMIN, F. Der baum als mächtiger blumenstrauß. *Schweiz. Gart.*, No. 2, p. 46-47. Feb. 1945. 80 Sch93
- 6508 FOSTER, H. L. A scree in Connecticut. *Amer. Rock Gard. Soc. B.* 3: 37-38. May/June 1945. 81 Am342
- 6509 FOX, H. M. Some *Indigoferas*. *Hort. Soc. N. Y., Monthly B.* 16(6): 8-9. June 1945. 81 N482M
- 6510 FURNISS, G. B. The *Primula*. *Begonian* 12: 103, 124, 138. June, July 1945. 96.511 B39
- 6511 \*GIGER, M. Eine hübsche, kleine wildtulpe (*Tulipa dasystemon*). *Schweiz. Gart.*, No. 2, p. 38-39. Feb. 10, 1945. 80 Sch93
- 6512 \*GIGER, M. *Triteleia uniflora* Lindl. *Schweiz. Gart.*, No. 2, p. 44. Feb. 1945. 80 Sch93
- 6513 \*GRAYSON, E. C. Summer plantings for bulb beds. *Home Gard.* 5(6): 67-69. June 1945. 80 H756
- 6514 GREEN, E. E. Unusual plants [shrubs] for the Midwest. *Amer. Nurseryman* 81(11): 7-8. June 1, 1945. 80 Am371
- 6515 HAGERMAN, L. W. Lilacs and their culture. Part II. *Parks & Recreation* 28: 143-144. May/June 1945. 99.8 P23
- 6516 HAWKES, A. D. Orchids [*Zeuxine strateumata*] in the dooryard. *Nature Mag.* 38: 326. June/July 1945. 409.6 N214
- 6517 HAWTREY, R. Bearded iris in Argentina. *Amer. Iris Soc. B.* 97, p. 16-20. May 1945. 81 Am39
- 6518 HENDERSON, G. The hepatica. *Back to Eden* 11(11): 1. June 1945. 80 B12



- 6519 \*HEROLD, R. Für treiberei erprobte Clematis. Schweiz. Gart., No. 3, p. 82. Mar. 1945. 80 Sch93
- 6520 \*HEROLD, R. Maiblumentreiberei im zimmer. Schweiz. Gart., No. 3, p. 81-82. Mar. 1945. 80 Sch93
- 6521 \*HEROLD, R. Polystichum angulare prolifera. Schweiz. Gart., No. 4, p. 103-106. Apr. 1945. 80 Sch93
- 6522 \*HEROLD, R. Scolopendrium vulgare, die hirschzunge. Schweiz. Gart., No. 2, p. 41-42. Feb. 1945. 80 Sch93
- 6523 HEUER, G. J. Some suggestions for home gladiolus growers. Minn. Hort. 73: 83, 85. June 1945. 81 M66
- 6524 HILL, H. M. Reblooming iris. Amer. Iris Soc. B. 97, p. 21-24. May 1945. 81 Am39
- 6525 HOTBLACK, H. S. Florists' flowers. II. Delphiniums. Roy. Hort. Soc. J. 70: 42-47. Feb. 1945. 84 L84J
- 6526 HUNKIN, J. W. The making of Lanarth Garden. Roy. Hort. Soc. J. 70: 63-72, 104-106, 132-135. Mar.-May 1945. 84 L84J
- 6527 HUTTENLOCHER, F. An easy way to use short-stemmed flowers. Better Homes & Gardens 23 (11): 60. July 1945. 80 F9424
- Flower arrangement.
- 6528 INGALLS, N. M. The feather-geranium [Chenopodium botrys]. Flower Grower 32: 375. July 1945. 80 M72
- 6529 INGALLS, N. M. The pleasing Gillenia. Flower Grower 32: 367. July 1945. 80 M72
- 6530 INGRAM, C. Rock roses [Cistus spp.]. Calif. Hort. Soc. J. 6: 227-229. Apr. 1945. 81 Cl293
- 6531 \*J., M. Die mistel [Viscum album]. Schweiz. Gart., No. 2, p. 42-43. Feb. 1945. 80 Sch93
- 6532 JOHNSON, A. T. Arctostaphylos manzanita. Roy. Hort. Soc. J. 70: 52-53. Feb. 1945. 84 L84J
- 6533 JOZANI, J. M. Especies más convenientes para arbolar calles y avenidas. Suelo Argentino 4: 262-263, 269. Apr. 1945. 9 Su2
- 6534 \*K. Mammillaria plumosa (Web. 1898). Schweiz. Gart., No. 4, p. 110. Apr. 1945. 80 Sch93
- 6535 \*K. Mammillarien. Schweiz. Gart., No. 4, p. 107-109. Apr. 1945. 80 Sch93
- 6536 \*K., R. K. Die kätzchenweiden mehr beachten! Schweiz. Gart., No. 3, p. 79. Mar. 1945. 80 Sch9
- 6537 KALLEVANG, MRS. E. J. A garden in the shade. Wis. Hort. 35: 240-241. May/June 1945. 80 W752
- 6538 KING, MRS. F. Plan for a country garden. Home Acres, June 1945, p. 6-9. 4 W84
- 6539 KISTNER, R. G. China's contribution to the flower arranger. Gard. Gossip 20(6): 9. June 1945. 80 G1625
- 6540 KRAUSS, H. K. Cane-stemmed begonias suitable for training into tree form. Gard. Chron. Amer. 49: 155-156. June 1945. 80 G1632
- 6541 LAMMERTS, W. E. Four new roses released for trial. Amer. Rose Mag. 6: 197. May/June 1945. 80 Am327A
- 6542 LAWRENCE, M. Orchid culture in the Northwest. Northwest Gard. 13(4): 6-7. (Cont.) June 1945. 80 N813
- 6543 LEMMON, R. S. More rock plants -- from cuttings -- by division -- or why not from seed? Home Gard. 5(6): 86-88. June 1945. 80 H756
- 6544 LESLIE, W. R. Summer care of ornamentals. Country Guide 64(6): 32. June 1945. 7 G76
- 6545 LINES, J. Master grower's series--seedlings for beginners. Amer. Orchid Soc. B. 14(1): 10-15. June 1, 1945. 80 Am329
- 6546 LITTLE, R. D. My hobby is iris. Canad. Hort. & Home Mag. Floral Ed. 68: 145. June 1945. 80 Cl6F
- 6547 LOWREY, J. H. Roses in the Southeast. Amer. Rose Mag. 6: 199-200. May/June 1945. 80 Am327A
- 6548 MCFARLAND, J. H. The greatest French rose originator [Joseph Pernet-Ducher]. Flower Grower 32: 303-304. June 1945. 80 M72
- 6549 MCLEOD, L. Summer borders ablaze with bloom. Canad. Hort. & Home Mag. Floral Ed. 68: 143. June 1945. 80 Cl6F
- 6550 MAGNOLIAS. Calif. Hort. Soc. J. 6: 238-246. Apr. 1945. 81 Cl293
- From a panel discussion under direction of H. M. Butterfield.
- 6551 MICKO, MRS. J. G. You can grow delphiniums. Minn. Hort. 73: 88-89. June 1945. 81 M66
- 6552 MOOTS, F. E. Double peonies in cut flower arrangements. Amer. Peony Soc. B. 97, p. 14-15. Mar. 1945. 81 Am38B
- 6553 MOWBRAY, G. ST. L. Orchids at Kew and some recollections. Orchid Rev. 53: 76-78. May/June 1945. 80 Or15
- 6554 \*N., E. Vorgartenprobleme. Schweiz. Gart., No. 3, p. 76-79. Mar. 1945. 80 Sch9
- 6555 NIEMEIER, MRS. J. Chrysanthemums in clay soil. Horticulture 23: 292. June 1, 1945. 80 H787
- 6556 ORTLOFF, H. S. Some gardens are made to be stepped on. Home Gard. 5(6): 30-32. June 1945. 80 H756
- Plant spaces between flagstones.
- 6557 PEARCE, W. Roadside design and planting. Gard. Chron. 117: 242-243. June 2, 1945. 80 G162
- 6558 PLACE, R. M. Choosing summer phloxes. Mich. Hort. Soc. Hort. News 11: 62, 65. May 1945. 80 H7815
- 6559 \*RANFT, E. Salix (weide). Schweiz. Gart., No. 4, p. 106-107. Apr. 1945. 80 Sch93
- 6560 \*REINHOLD, R. Echinopsis--seeigel-kaktus. Schweiz. Gart., No. 3, p. 82-84. Mar. 1945. 80 Sch93
- 6561 RIES, V. H. Window shelf plants. Mich. Hort. Soc. Hort. News 11: 72. May 1945. 80 H7815
- 6562 ROBER, E. E. Enthusiasm spreads for variegated geraniums; century old tricolor leaved types are still to be found. Gard. Chron. Amer. 49: 180-181. July 1945. 80 G1632
- 6563 ROBERSON, F. K. Problem spots [in gardens] tax ingenuity. Northwest Gard. 12(4): 4-5. June 1945. 80 N813
- 6564 RUNYAN, C. R. One man's iris. Gard. Club Amer. B., ser. 9, No. 12, p. 23-25. June 1945. 90.32 G16
- 6565 \*S. Ficus, der gummibaum, als zimmerpflanze. Schweiz. Gart., No. 3, p. 90-91. Mar. 1945. 80 Sch93
- 6566 SAXON, S. Training in public parks. Gard. Chron. 117: 230-231. May 26, 1945. 80 G162
- 6567 SCANLON, E. H. Trees as monuments. Trees [Santa Monica] 6(2): 18. Apr. 1945. 99.8 W52
- 6568 \*SCHMIDT, E. Dornicum, eine feine frühlingeschnittblume. Schweiz. Gart., No. 3, p. 79-80. Mar. 1945. 80 Sch93
- 6569 \*SCHMIDT, E. Wir säen und pikieren die ersten blumen. Schweiz. Gart., No. 2, p. 44-46. Feb. 1945. 80 Sch93
- 6570 SCHWEINFURTH, C. A striking novelty in Odontoglossum [O. tigroides]. Amer. Orchid Soc. B. 14: 22-24. June 1, 1945. 80 Am329
- 6571 SEARLES, M. Don't throw away your azalia plants. Minn. Hort. 73: 89-90. June 1945. 81 M66
- 6572 SEVERSON, H. New lawn grasses. Seed World 57(11): 8-10. June 1, 1945. 61.8 Se52
- 6573 SHEELY, C. E. Gladiolus. Mich. Hort. Soc. Hort. News 11: 67. May 1945. 80 H7815
- 6574 SIERRA, M. S. DE. Jardinería. Guatemala. Dir. Gen. de Agr. Rev. Agr. (ser.2) 1: 244-250. Feb. 1945. 8 G934
- 6575 SMITH, A. G., JR. Pruning evergreens. Gard. Gossip 20(6): 12. June 1945. 80 G1625



- 6576 SMITH, K. D. The best of the bearded iris. House and Gard. [Greenwich, Conn.] 88(1): 59, 88, 90, 92. July 1945. 80 H81
- 6577 SMITH, K. D. Judges' Symposium for 1945. Amer. Iris Soc. B. 97, p. 3-9. May 1945. 81 Am39
- 6578 STEFFEK, E. F. Growing cattail gayfeather [Liatris pycnostachya]. Nature Mag. 38: 304. June/July 1945. 409.6 N214
- 6579 SWALES, D. E. The spring wild-flower garden. Macdonald Col. J. 5(9): 24-25. May 1945. 101 M144
- 6580 T., G. C. A pageant of tree and shrub blossoms. Country Life [London] 97: 732-733. Apr. 7, 1945. 80 C83
- 6581 TAYLOR, G. C. Beauty for late summer [gladiolus varieties]. Country Life [London] 97: 822-824. May 11, 1945. 80 C83
- 6582 TEUSCHER, H. Full value from the window box. Horticulture 23: 277-278. June 1, 1945. 80 H787
- 6583 TEARP, M. F. Consider the blues. Amer. Iris Soc. B. 97, p. 31-32. May 1945. 81 Am39
- 6584 TEWING, W. E. When you start growing wildflowers in the shade. Home Gard. 5(6): 14-17. June 1945. 80 H756
- 6585 TONGG, R. C. Let's plant your house. Hawaii Farm and Home 8(6): 6-7. June 1945. 25 H3191
- 6586 VAN RENSSELAER, M. Beach strawberry [Fragaria chiloensis; as an ornamental ground-cover. Parks & Recreation 28: 154-156. May/June 1945. 99.8 P23
- 6587 VAN RENSSELAER, M. Cultivation of the Matilija poppy. Calif. Hort. Soc. J. 6: 223-226. Apr. 1945. 81 C1293
- 6588 VASSEUR, L. If your clematis fails to thrive. Horticulture 23: 280. June 1, 1945. 80 H787
- 6589 WALL, G. M. Rural beautification for Nova Scotia. Family Herald and Weekly Star 76(20): 6. May 16, 1945. 7 F21
- 6590 WALTERS, F. W. Western roses. Amer. Rose Mag. 7, 1. e. 6(5): 165-166. Mar./Apr. 1945. 80 Am327A
- 6591 WELLS, J. B. Border carnations. Gard. Chron. 117: 239-240. June 2, 1945. 80 G162
- 6592 WHITE, C. J. Succulents in Australia. Cactus and Succulent J. 17: 60-63. May 1945. 451 C11
- From S. E. C. Magazine.
- 6593 WHITE, R. P. Landscaping, home builder's sales aid. South. Florist and Nurseryman 58(9): 9. May 25, 1945. 80 S886
- 6594 WICKS, A. T. Take hydrangea cuttings. Pop. Gard. 47: 133. June 23, 1945. 80 G1622
- 6595 WILSON, H. VAN P. Hold that border line! Home Gard. 5(6): 27-29. June 1945. 80 H756
- Planning replacements for waning perennials.
- 6596 WILSON, H. VAN P. Phlox, plant of the hour. House and Gard. [Greenwich, Conn.] 88(1): 60-61, 86. July 1945. 80 H81
- 6597 WINKLER, C. B. Chrysanthemum culture. Calif. Gard. 36(2): 2, 6. June 1945. 80 C127
- 6598 WISTER, J. C. What's ahead? A discussion of some future needs for the advance of ornamental horticulture. Parks & Recreation 28: 145-149. May/June 1945. 99.8 P23
- 6599 WITROCK, G. L. The interesting dahlia. Organic Gard. 7(1): 10-14. June 1945. 56.8 Or3
- 6600 WOOD, C. W. Some ornamental plants you should know. Amer. Nurseryman 81(12): 13-14. June 15, 1945. 80 Am371
- 6601 WOOD, C. W. These perennials bloom all summer. Flower Grower 32: 306-307, 326-327. June 1945. 80 M72
- 6602 WRIGHT, P. H. Super hardy lilies for the prairies. Family Herald and Weekly Star 76(23): 6. June 6, 1945. 7 F21
- 6603 WYMAN, D. Hemlocks. Home Gard. 5(6): 21-24. June 1945. 80 H756
- 6604 WYMAN, D. The viburnums. Gard. Club Amer. B., ser. 9, No. 12, p. 49-52. June 1945. 90.32 G16
- Vegetables and Truck Crops (Including Potatoes)
- 6605 \*A., H. The vernalization method in vegetable growing in Russia. (In Hebrew.) Hassadeh 25: 223-224. Apr. 1945. 26 H27
- 6606 AGUIRRE, E. F. El cultivo de la papa. Fomento [monthly] 2(17): 19-20. Mar. 1945. 8 F734
- 6607 ANDERSON, W. S. Planting time of sweet-potatoes important factor. Miss. Farm Res. [Miss. Sta.] 8(4): 8. Apr. 1945. 100 M69M1
- 6608 ANDERSON, W. S. Sweetpotato plant production in Mississippi. Miss. Farm Res. [Miss. Sta.] 8(5): 3-5. May 1945. 100 M69M1
- 6609 ANDERSON, W. S., BROWN, O. A., and RAN-DOLPH, J. W. Twin-row planting of sweetpotatoes tested in the field in Laurel area. Miss. Farm Res. [Miss. Sta.] 8(4): 7. Apr. 1945. 100 M69M1
- 6610 B., W. The art in successional market growing of vegetables. Smallholder 73(1835): 11. May 18, 1945. 10 Sml
- 6611 \*BELVAL, H. L'amélioration du topinambour. Soc. Bot. de France B. 91: 108-111. 1944. 451 F84B
- 6612 BEWLEY, W. F. Ideal conditions for outdoor tomatoes. Smallholder 73(1833): 9. May 4, 1945. 10 Sml
- 6613 BLACKWOOD, B. B. Grow a vegetable garden for late summer. Farmer-Stockman 58: 194. June 1945. 6 Ok45
- 6614 BLACKWOOD, B. B. Short season vegetables are best now. Farmer-Stockman 58: 244. July 1945. 6 Ok45
- 6615 BOSWELL, V. R. Breeding new varieties of vegetables by public and private agencies. Natl. League Wholesale Fresh Fruit and Veg. Distributors. Off. Proc. (1945) 53: 53-82. 287 N214
- 6616 BROWN, B. E. "Lost" potato acres. Guide Post 22(5): 26-28. May 1945. 75.8 G94
- Acres reported as planted but not harvested.
- 6617 BROWN, F. C. Dwarf and bush tomatoes. Roy. Hort. Soc. J. 70: 81-83. Mar. 1945. 84 L84J
- 6618 CASTELLS SALAS, M. En los huertos caseros cada cual debe utilizar el terreno que tenga disponible. Cuba. Min. de Agr. Rev. (ser. 4) 28(1): 4-8, 75-76. (To be cont.) Jan./Mar. 1945. 8 Ag88Re
- 6619 CAULIFLOWER, a forgotten crop. Market Growers J. 74(6): 5, 27, 30. June 1945. Ref. 6 M34
- 6620 CUMMINGS, M. B. Peas and sweet corn. New England Homestead 118(11): 2. June 9, 1945. 6 N442
- 6621 CUMMINGS, M. B. Variety gardens become victory gardens. New England Homestead 118(10): 8. May 26, 1945. 6 N442
- 6622 CURRENCE, T. M. Should tomato plants be pruned and staked? Minn. Hort. 73: 84-85. June 1945. 81 M66
- 6623 D., W. Success with tomatoes depends on starting in the right way. Pop. Gard. 47: 123. June 16, 1945. 80 C1622
- 6624 DAVIS, V. H. Victory gardens. Ohio Farm Bur. News 24(11): 27. June 1945. 6 Oh34
- 6625 DEMPSEY, P. W. Vegetables need water. New England Homestead 118(10): 7. May 26, 1945. 6 N442
- 6626 \*ETTINGER, J., and SELINGER, E. Directions on vegetable growing in the spring. (In Hebrew.) Hassadeh 25: 221-222. Apr. 1945. 26 H27
- 6627 F. Planting time for the brussels sprouts. Pop. Gard. 47: 93. May 19, 1945. 80 G1622
- 6628 \*FERNÁNDEZ DE LA FUENTE, V. Alcaucil o alcachofa. Cynara scolymus L. (familia de las compuestas). Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 37, No. 6, 8 p. Madrid, 1945. 15 H68



- 6629 FRAZIER, W. A., and others. F<sub>1</sub> tomato seed--possible use in Hawaii for heavy yields and disease resistance. *Hawaii Farm and Home* 8(5): 28, 33. May 1945. 25 H3191
- K. Kikuta, J. S. McFarlane, J. W. Hendrix, M. Matsuura, S. Tachibana, and J. Boyd, joint authors.
- 6630 G., A. V. Lettuces all the year round. *Pop. Gard.* 47: 83. May 12, 1945. 80 G1622
- 6631 GILES, W. F. Sweet or sugar corn. *Roy. Hort. Soc. J.* 70: 54-56. Feb. 1945. 84 L84J
- 6632 \*"HAZER'A" COMPANY. Carrots of the Nantes variety from seeds grown in Palestine. (In Hebrew.) *Hassadeh* 25: 265-267. May 1945. 26 H27
- 6633 HERNANDEZ, V. El boniato es tan importante para la alimentación humana como en la de los animales. *Cuba. Min. de Agr. Rev. (ser. 4)* 28(1): 41-47. Jan./Mar. 1945. 8 Ag88Re
- Culture of sweetpotato in Cuba.
- 6634 \*HERNANDEZ ROBREDO, L. La col forrajera caballar, arborea o gallega. *Surco [Madrid]* 4(36): 23-26. Feb. 1945. 15 Su7
- 6635 HOLT, W. B. Hope for decaying squashes. *Calif. Cult.* 92: 356. June 23, 1945. 6 C12
- Control of damage "directly related to prevalence of moisture."
- 6636 HUBBARD, MRS. W. A. Tomato culture. *New Agr.* 27(8): 8. May 1945. 66.8 Su32
- 6637 JESSEN, L. S. Tomato drama, act 3 [hand pollenization project, University of Hawaii]. *Hawaii Farm and Home* 8(6): 48-49. June 1945. 25 H3191
- 6638 KERR, J. A. Navy bean production in Queensland. *Queensland Agr. J.* 60: 133-136. Mar. 1945. 23 Q33
- 6639 KIPLINGER, D. C. Be careful when transplanting [young vegetable crops]. *Farm and Dairy [Salem, Ohio]* 31(40): 9. June 2, 1945. 6 F2279
- 6640 KRAUS, J. E. Influence of certain factors on second growth on russet Burbank potatoes. *Amer. Potato J.* 22: 134-142. May 1945. 75.8 F842
- Environmental conditions and cultural practices.
- 6641 LECRONE, F. For independence, plant a fall garden soon. *Farmer-Stockman* 58: 221, 232. July 1945. 6 Ok45
- 6642 LE ROUX, J. C., and VAN ELDEN, H. Basic principles of vegetable production. *Union So. Africa. Dept. Agr. and Forestry. B.* 255 (Hort. Ser. 9), p. 3-10. 1945. 24 So84P
- 6643 \*LEVY, F. Cauliflower and its development. (In Hebrew.) *Hassadeh* 25: 222-223. Apr. 1945. 26 H27
- 6644 LINDSAY, D. R. Growing head lettuce in western [North] Carolina. *Farmers Fed. News* 25(10): 9. June 1945. 28.28 F225
- 6645 LOEST, F. C. Control of vegetable diseases by dusting or spraying. *Union So. Africa. Dept. Agr. and Forestry. B.* 255 (Hort. Ser. 9), p. 100-104. 1945. 24 So84P
- 6646 M., E. Asparagus is easily raised from seed. *Pop. Gard.* 47: 99. May 26, 1945. 80 G1622
- 6647 MACPHERSON, N. J. Glasshouse lettuce trials in Lancashire. *Ct. Brit. Min. Agr. Agriculture* 52: 117-120. June 1945. 10 G79J
- 6648 MAGRUDER, R., and WESTER, R. E. Two new bush limas--a preview. *South. Seedsman* 8(6): 54. June 1945. 61.8 So8
- 6649 THE MOST important vegetables. *Union So. Africa. Dept. Agr. and Forestry. B.* 255 (Hort. Ser. 9), p. 16-80. 1945. 24 So84P
- Notes on the culture of numerous vegetables by H. B. Terry, E. F. Malan, P. F. Malan, M. R. V. Reincke, E. M. Nyenhuis, J. C. Le Roux, and G. Terry.
- 6650 OSORIO, L. H. Haba (Vicia faba). *Vida Rural* 6(69): 17. Apr. 1945. 9.4 V66
- 6651 PEARSON, J. Following through on victory gardens [in Washington, D. C.]. *Seed World* 57(11): 16. June 1, 1945. 61.8 Se52
- 6652 QUACKENBUSH, A. Gardening in Connecticut. *Conn. Circle* 8(5): 32-33. May 1945. 280.8 C7632
- Sweet corn and tomato culture.
- 6653 RETIEF, D. F. The production of potatoes in the lowveld. *Farming in So. Africa* 20: 232-234. Apr. 1945. 24 So842
- 6654 ROCKWELL, F. F. Plan and plant now for full winter shelves; timing is the secret of success with late season vegetables. *Home Gard.* 5(6): 79, 81-82. June 1945. 80 H756
- 6655 S., V. A dual-purpose spinach. *Pop. Gard.* 47: 99. May 26, 1945. 80 G1622
- 6656 SAMUEL, G., and McDERMOTT, N. Potato demonstration plots at the Midland Agricultural College. *Ct. Brit. Min. Agr. Agriculture* 52: 127-130. June 1945. 10 G79J
- 6657 \*SETH, L. N. Cultivation of mushrooms in Burma. *Indian Farming* 5: 520-521. Nov. 1944. 22 In283
- 6658 SHEWELL-COOPER, W. E. Bulk growing of runner beans. *Field* 185: 474. May 12, 1945. 10 F45
- 6659 SHEWELL-COOPER, W. E. Swedes as a standby. *New Health* 20(5): 24. May 1945. 449.8 N45
- 6660 SMITH, R. W. Hints for the victory gardener. 31. Soy beans. 32. Sorrel. *Organic Gard.* 7(1): 22-23; (2): 23-25. June, July 1945. 56.8 Or3
- 6661 THONE, F. Vegetables without soil. *Sci. News Let.* 47: 378-379. June 16, 1945. 470 Sci24
- Grown for U. S. troops on Ascension Island.
- 6662 TIEDJENS, V. A. Sweet potato yields can be increased in New Jersey. *N. J. State Hort. Soc. Hort. News* 26: 1709, 1711. May 1945. 81 N46
- 6663 TINCKER, M. A. H., and others. The production of onion sets. *Roy. Hort. Soc. J.* 70: 135-141. May 1945. 84 L84J
- F. C. Brown, O. V. S. Heath, and M. Holdsworth, joint authors.
- 6664 TOMALIN, T. E. Beans for the winter store. *Pop. Gard.* 47: 92. May 19, 1945. 80 G1622
- 6665 TOMALIN, T. E. Celery and leeks for the winter should be planted during June. *Pop. Gard.* 47: 124. June 16, 1945. 80 G1622
- 6666 TOMALIN, T. E. Grow cucumbers and melons in greenhouse and frame. *Pop. Gard.* 47: 82. May 12, 1945. 80 G1622
- 6667 TOMALIN, T. E. Grow fruits in your frame; cucumbers and melons for amateurs. *Pop. Gard.* 47: 114. June 9, 1945. 80 G1622
- 6668 TOMALIN, T. E. Home grown tomatoes. *Pop. Gard.* 47: 100. May 26, 1945. 80 G1622
- 6669 TOMALIN, T. E. Plant now for winter; make sure of kale and sprouting broccoli. *Pop. Gard.* 47: 131. June 23, 1945. 80 G1622
- 6670 V., E. Vegetables for the shady border. *Pop. Gard.* 47: 92. May 19, 1945. 80 G1622
- 6671 VEGETABLE-sowing chart for the Union. *Union So. Africa. Dept. Agr. and Forestry. B.* 255 (Hort. Ser. 9), p. 113-114. 1945. 24 So84P
- 6672 \*W. Frühkartoffeln vorkennen. *Schweiz. Gart., No. 4*, p. 115. Apr. 1945. 80 Sch93
- 6673 W., S. B. Your outdoor tomato crop. *Gard. Illus.* 64: 594. June 1945. 80 G169
- 6674 WELCH, J. H. Cantaloupes in the offing as another [Lower Rio Grande] Valley crop. *Tex. Farming and Citric.* 21(2): 5, 16. June 1945. 80 T31
- 6675 \*Z. Des kleingärtners kartoffelacker. *Schweiz. Gart., No. 4*, p. 112-113. Apr. 1945. 80 Sch93
- 6676 \*ZIPFORA S. The growing of spring tomatoes in our settlement. (In Hebrew.) *Hassadeh* 25: 267-269. May 1945. 26 H27

## WEEDS AND POISONOUS PLANTS

- 6677 ANDREWS, F. W. Water plants in the Gezira canals. A study of aquatic plants and their control in the canals of the Gezira cotton area (Anglo-Egyptian Sudan). *Ann. Appl. Biol.* 32: 1-14. Feb. 1945. 442.8 An72
- 6678 ARNST, A. Fighting fern without fire. *Soil Conserv.* 10: 268-270. June 1945. 1.6 So3S



- 6679 BRUNER, S. C., and OCHOA, L. Los marabusa-  
les probablemente cubren más de treinta mil caballe-  
rias de terreno—casi un millón de acres. Cuba. Min.  
de Agr. Rev. (ser. 4) 28(1): 17-21. Jan./Mar. 1945.  
8 Ag88Re  
Dichrostachys glomerata (Cailliea glomerata) as a  
weed.
- 6680 CLUTE, W. N. The encroaching trees.  
Amer. Bot. 51: 38-41. Apr. 1945. 450 Am33  
Trees as weeds.
- 6681 FOSTER, J. E. Plants poisonous to live-  
stock. Res. and Farming [N. C. Sta.] Prog. Rpt.  
3(3): 10-12. Apr. 1945. 100 N81R
- 6682 HOLMGREN, A. H. Two poisonous milkweeds.  
Farm & Home Sci. [Utah Sta.] 6(2): 11-12. June 1945.  
100 UtilF  
Asclepias galioides and A. labriformis.
- 6683 \*KUMAR, L. S. S. Flowering plants which  
attack economic crops. III. Loranthus. Indian  
Farming 5: 460-462. Oct. 1944. 22 In283
- 6684 LARSON, A. H. Chemicals in weed control.  
Greenkeepers' Rptr. 13(3): 5-7. May/June 1945.  
50.18 G83
- 6685 MOORE, E. C. Observations of non-tillage-  
weed spray program in citrus orchards in Tulare  
County. Citrus Leaves 25(6): 30-31. June 1945.  
80 C492
- 6686 MOORE, E. C. Weed control in citrus or-  
chards. Calif. Cult. 92: 310-311. June 9, 1945.  
6 Cl2
- 6687 \*MURATOV, M. Spособ bor'by s padalifsei  
podsolnechnika. Kolkhoz. Proizvod., No. 10, p. 20.  
Oct. 1944. 281.8 K83  
Method of controlling sunflower as a weed in millet  
fields in the Kolkhoz "im. Dmitrova" in the Rostov-  
skii region.
- 6688 ROSS, J. C. Control of weeds and postal  
notices [as a reminder of the Weeds Act]. Union So.  
Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity  
Ser. 4, 2 p. Pretoria, 1944. 24 So82Pa
- 6689 ROSS, J. C. Weed control - a task demand-  
ing continual care. Farmer [Pietermaritzburg] 33  
(10): 8. Mar. 10, 1944. 24 F227
- 6690 SNYDER, K. M. Weeds no more. Chemurg.  
Digest 4: 188-189. June 15, 1945. 381 N213Na  
Chemicals as herbicides.
- 6691 TOWLE, D. S. The town with no poison ivy.  
Amer. Home 34(1): 23. June 1945. 80 Am313  
Ammate (ammonium sulfamate) used in control of  
poison-ivy at Durham, N. H.
- 6692 W., S. B. Keep the lawn weed-free. Pop.  
Gard. 47: 126. June 16, 1945. 80 G1622
- 6693 WHITE, C. T. Bulbous oat grass [Arrhena-  
therium elatius var. bulbosum, or onion couch, a pos-  
sible weed pest. Queensland Agr. J. 60: 154. Mar.  
1945. 23 Q33
- MISCELLANEOUS ECONOMIC PLANTS  
(Drug, Dye, Rubber, etc.)
- 6694 ALMANZA OCAMPO, B. Observaciones sobre  
el cultivo del piréto en la sierra. Vida Agr. 22:  
209, 211. Mar. 1945. 9.8 V66
- 6695 BARLOW, R. A modern herbal. III-V. Or-  
ganic Gard. 7(2): 10-13. July 1945. 56.8 Or3  
III. Parsley. IV. Sage. V. Rue.
- 6696 \*BRUDIN, I. Vodianoï orekh v Chkalovskoi  
oblasti (Trapa natans in the Chkalov district).  
Priroda 33(3): 72. 1944. 410 P983  
Conservation advocated for economic uses.
- 6697 CAMARGO, R. DE. O envenenamento do pró-  
prio meio pelo cafeeiro. São Paulo. Supt. dos Serv.  
do Café. B. 20(215): 28-34. Jan. 1945. 68.29 Sa63  
Coffee culture, including soil relationship and  
shading, especially by Inga edulis.
- 6698 CHEESMAN, E. E. Field experiments in  
cacao research, 1943-44. Trop. Agr. [Trinidad] 22:  
64-66. Apr. 1945. 26 T734
- 6699 \*CHOPRA, I. C., and others. Pyrethrum in  
Kashmir. Cur. Sci. [Bangalore] 14: 104-105. Apr.  
1945. 475 Sci23  
M. L. Dhar, K. L. Handa, M. Habibullah, and N. P.  
Assa, joint authors.
- 6700 CLARK, D. Do you know the elderbush?  
Organic Gard. 7(1): 20-21. June 1945. 56.8 Or3
- 6701 EWING, C. O., and STITT, A. Cascara sa-  
grada [Rhamnus purshiana] berries, an adulterant of  
buckthorn [R. cathartica] berries. N. F. VII. Amer.  
Pharm. Assoc. J. Sci. Ed. 34: 174-175. June 1945.  
396.9 Am33J
- 6702 FEDERER, W. T. Studies on sample size  
and number of replicates for guayule investigations.  
Amer. Soc. Agron. J. 37: 469-478. June 1945.  
4 Am34P
- 6703 GATTEFOSSE, J. Quelques lilacées utiles  
en médecine populaire ou dans l'industrie pharma-  
centique. Fruits et Primeurs de l'Afrique du Nord,  
Ed. Maroc. 15: 82-83. Apr. 1945. 80 F9482
- 6704 GUTIERREZ, G. Poda del cafeto. Café de  
El Salvador 14: 425-428. Mar. 1944. 68.28 Cl12
- 6705 GUTIERREZ, G. Regularización de la som-  
bra. Café de El Salvador 15: 109-113. Mar. 1945.  
68.28 Cl12
- 6706 HATFIELD, S. A contradictory tree--the  
inconsistent mesquite. Cattleman 32(1): 20, 59.  
June 1945. 49 C29
- 6707 HENAO JARAMILLO, J. Sombrio para el café.  
Café de Nicaragua 1(5): 33-36. Mar. 1945.  
68.28 Cl14  
From the Revista, Instituto Nacional del Café, Ve-  
nezuela.
- 6708 HILL, D. D. Some hop problems [in breed-  
ing for yield and quality]. Hopper 2(3): 4. June  
1945. 70.8 H77
- 6709 INSTITUTO TÉCNICO AGRÍCOLA HENEQUENERO.  
Plantas medicinales de Yucatán. Fomento [monthly]  
2(13): 7-8, 23; (14): 16, 25; (15): 9-10, 22; (16):  
11-12. Nov., Dec. 1944, Jan., Feb. 1945. 8 F734
- 6710 JANG, C. S. Present status of studies on  
Chinese anti-malarial drugs. Chinese Med. J. 62:  
185-192. Apr./June 1944. 448.8 C44  
Dichroa febrifuga studied as antimalarial.
- 6711 LE ROUX, J. C. Tung tree cultivation.  
Farmer [Pietermaritzburg] 34(20): 10; (21): 6. May  
18, 25, 1945. 24 F227
- 6712 \*LEUCOS. Plantas medicinales. La gayuba  
[Arctostaphylos uva-ursi]. Surco [Madrid] 4(36):  
12-13. Feb. 1945. 15 Su7
- 6713 LOWMAN, M. S., and KELLY, J. W. Camphor  
from camphor basil (Ocimum kilimandscharicum Guerke).  
Amer. Pharm. Assoc. J. Sci. Ed. 34: 153-162. June  
1945. 396.9 Am33J
- 6714 \*MAS-GUINDAL, J. Árboles cultivados y ap-  
licaciones poco conocidas. Spain. Min. de Agr. Secc.  
de Pub., Prensa y Propag. Hojas Divulg., v. 37, No. 5,  
12 p. Madrid, 1945. 15 H68
- 6715 MAYNE, W. W. De los caracteres en el  
desarrollo y fructificación del Coffea arábica L.  
bajo las condiciones de la India del Sur. Inst. de  
Defensa del Café de Costa Rica. Rev. 15: 80-85. Feb.  
1945. 68.28 C82
- 6716 MILLER, MRS. J. Let's grow herbs. Minn.  
Hort. 73: 94. June 1945. 81 M66
- 6717 MOLFINO, J. F. La "digital" insustituible  
medicamento cardiotónico. Chacra 15(174): 70-71,  
85. Apr. 1945. 9 C34
- 6718 \*MORALES ARJONA, E. El cultivo del aza-  
frán y sus aplicaciones. Spain. Min. de Agr. Secc.  
de Pub., Prensa y Propag. Hojas Divulg., v. 37, No.  
8, 16 p. (To be cont.) Madrid, 1945. 15 H68
- 6719 \*MÜLLER, J. Die ersten oelkürbisse in der  
Schweiz. Schweiz. Gart., No. 4, p. 112-113. Apr.  
1945. 80 Sch93
- 6720 NEWTON, L. Agar-agar and its supply.  
Endeavour 4: 69-74. Apr. 1945. 472 En2
- 6721 \*OESCHGER, J. Kulturerfolge mit sub-  
tropischen nutzpflanzen im Tessin. Schweiz. Gart.,  
No. 3, p. 84-85. Mar. 1945. 80 Sch93



6722 \*RUBBER RESEARCH SCHEME, CEYLON. Uniformity in the nomenclature of clones and clonal seedlings. Rubber Res. Scheme, Ceylon. Advisory C. 23, 2 p. Agalwatta, Ceylon, 1944. 78.9 R826  
In describing Hevea planting material.

6723 SAMANIAGO DÁVILA, J. Introducción al cultivo de plantas insecticidas en la República Mexicana. Mex. Ofic. Fitosanit. Fitófilo 3(6): 3-7. Nov./Dec. 1944. 421 F55

6724 SCHULTZ, E. F. La oiticica ("Licania rigida" Benth.). Tucumán. Estac. Expt. Agr. Rev. Indus. y Agr. 34: 95. Apr./June 1944. 9 T79

6725 SIERRA S., A. Semilleros y almacigas. Rev. Cafetal. de Guatemala 1(4/5): 65-70. (Concl.) Mar./Apr. 1945. 68.28 R322

6726 SORENSSEN, H. G. Colombia's plantation rubber program. Agr. in the Americas 5: 106-108, 114-115. June 1945. 1 F752A

Hevea plantings in Urabá region.

6727 TORREND, C. Produção do agar-agar. Charcas e Quintais 71: 332. Mar. 15, 1945. 9.2 C34

6728 URIBE URIBE, L. Árboles de sombrio de los cafetales en Colombia (Coffee shade trees in Colombia). Caribbean Forester 6: 82-84, processed. Oct. 1944/Jan. 1945. 1.9622 T2C23

In Spanish and English.

6729 \*VERGHESE, G. T., and KALE, G. T. Rubber yielding plants. Sci. and Cult. 10: 433-441. Apr. 1945. 475 Sci24

6730 VIEGAS, G. P. Culturas acessórias na fazenda de café. São Paulo. Supt. dos Serv. do Café. B. 20(215): 20-27. (Cont.) Jan. 1945. 68.29 Sa63

6731 WATTS, C. E. Cascara. Amer. Bee J. 85: 197. June 1945. 424.8 Am3

6732 WRIGHT, H. J. Excellent herbs. Calif. Hort. Soc. J. 6: 230-237. Apr. 1945. 81 C1293

## SOILS AND FERTILIZERS

### SOIL SCIENCE

#### Soil Physics

6733 \*ARZT, T. Verdunstungsmessungen an böden mit einem neuen gerät. Bodenk. u. Pflanzenernähr. 35: 107-170. 1944. 384 Z343A

6734 CHILDS, E. C. The water table, equipotentials, and streamlines in drained land: III. Soil Sci. 59: 405-415. May 1945. 56.8 So3

6735 \*DURANTE, D. Azioni dello zolfo e del gesso sulla permeabilità del terreno. Ital. Agr. 80: 19-23. Jan. 1943. 16 It1

6736 ESCOBAR, A. Entarquinamiento. Agr. Mex. 61(1): 29-30. Jan. 1945. 8 Ag8

Application of clay to sandy soils by means of irrigation with water heavily charged with clay.

6737 GRIM, R. E., and CUTHBERT, F. L. Some clay-water properties of certain clay minerals. Ill. Geol. Survey. Rpt. Invest. 103, 15 p. Urbana, 1945. 406 IL6R

6738 \*HEINRICH, F. Zur wirkung des ätzkalks auf die wasserführung des sandbodens. Bodenk. u. Pflanzenernähr. 34: 102-117. 1944. 384 Z343A

6739 KENWORTHY, A. L. Cup conductance, field and laboratory calibration of tensiometers employing inexpensive porous cups. Soil Sci. 59: 397-404. May 1945. 56.8 So3

Apparatus for measuring soil moisture.

6740 WAIN, J. L. This "water table" business. Farmers Weekly [London] 22(23): 27. June 8, 1945. 10 F2226

Behavior of soil moisture.

#### Soil Chemistry and Mineralogy

6741 BOHSTEDT, G. Trace minerals from soil. Hord's Dairyman 90: 374. July 10, 1945. 44.8 H65  
Importance of trace elements in animal nutrition.

6742 \*BRICCOLI-BATI, M. La composizione chimica del suolo ed il glutine. Ital. Agr. 78: 546-548. July 1941. 16 It1

6743 DAVIS, L. E. Theories of base-exchange equilibriums. Soil Sci. 59: 379-395. May 1945. 56.8 So3

6744 DEGER, E. El análisis de tierra agrícola. Café de Nicaragua 1(7): 37-38, 39. May 1945. 68.28 C114

6745 \*EHRENBERG, P. Chlorionenwirkung bei der kalidüngung der kartoffeln. Bodenk. u. Pflanzenernähr. 34: 253-292. 1944. Ref. 384 Z343A

6746 \*EHRENBERG, P. Untersuchungen über das vorhandensein von aufnehmbarer phosphorsäure auf wiesenland in verschiedenen bodenschichten nach feld- und gefässversuchen und nach dem keimpflanzenverfahren von Neubauer. II. Bodenk. u. Pflanzenernähr. 34: 240-253. 1944. 384 Z343A

6747 FITTS, J. W. Nebraska 1944 soil studies. Com. Fert. 70(5): 24-26, 28, 38-39. May 1945. 57.8 C73

6748 \*FROMEL, W. Über lösungsanomalien bei huminsäuren. Bodenk. u. Pflanzenernähr. 36: 92-104. 1945. 384 Z343A

6749 \*GOLENKIN, E. Eine neue methode der vorbereitung organischer substanzen für die bestimmung von phosphor auf kolorimetrischen wege. Bodenk. u. Pflanzenernähr. 36: 104-109. 1945. 384 Z343A

6750 \*HERRMANN, R., HOFMANN, A., and LEDERLE, P. Messen der mit den laktatverfahren erhaltenen phosphorsäure-molybdänblaufärbungen im Zeiss-phosphorsäuremessgerät. Bodenk. u. Pflanzenernähr. 34: 344-346. 1944. 384 Z343A

6751 \*HERRMANN, R., and LEDERLE, P. Zusammengefasste arbeitsvorschrift zur bestimmung der phosphorsäure und des kaliums in den nach H. Riehm erhaltenen laktatbodenauszügen auf einem von uns ausgearbeiteten kolorimetrischen und geänderten flammenphotometrischen wege. Bodenk. u. Pflanzenernähr. 34: 1-20. 1944. 384 Z343A

6752 \*JODL, R. Röntgenographische untersuchungen über die wasserbindungsverhältnisse der humusbestandteile lignin, huminsäure und kalziumhumat. Bodenk. u. Pflanzenernähr. 34: 170-174. 1944. 384 Z343A

6753 \*JODL, R. Röntgenographische untersuchungen über natriumhumat. Bodenk. u. Pflanzenernähr. 35: 222-228. 1945. 384 Z343A

6754 JOHNS, H. D. Tests of Illinois soils. Ill. Agr. 48: 7. May 1945. 6 IL6

6755 KIPLINGER, D. C. The importance of testing soils. Canad. Florist 40: 184. (Concl.) June 5, 1945. 80 C163

6756 MCCOOL, M. M. Agronomic relationships of sodium cyanide. Boyce Thompson Inst. Contrib. 13: 455-461. Apr./June 1945. 451 B69

Effect of sodium cyanide on pH of soils, on formation of nitrate nitrogen and ferrous iron in soils, and on the loss of hydrocyanic acid when it is added to soils.

6757 MCGEORGE, W. T. The pH of soil separates. Soil Sci. 59: 375-378. May 1945. 56.8 So3

6758 \*MITSCHERLICH, E. A. Über die festlegung der phosphorsäure im boden. Bodenk. u. Pflanzenernähr. 34: 209-213. 1944. 384 Z343A

6759 \*NILSSON, F., LAMM, R., and JOHANSSON, E. Jordanalys och trädgårdsodling [Soil analysis and gardening]. Försök och Forskning 2: 55-56. Apr. 1945. 11 F77

Analysis of soils to determine fertilizer needs.

6760 \*OKÁČ, A. Polarographische gesamtalkalibestimmung in böden. Bodenk. u. Pflanzenernähr. 36: 37-41. 1945. 384 Z343A

6761 \*RIEHM, H. Flammenphotometrische kaliumbestimmung im laktatextrakt ohne ausfällung des kalziums. Bodenk. u. Pflanzenernähr. 36: 109-120. 1945. 384 Z343A

Includes investigations with soil extracts.



- 6762 \*RINCKLEBEN, P. Der magnesiagehalt in böden des mittleren Ostens. Bodenk. u. Pflanzen-ernähr. 34: 321-343. 1944. Ref. 384 Z343A
- 6763 \*SCHARRER, K., and SCHREIBER, R. Modellversuche über den einfluss von chlor-ionen auf die aufnehmbarkeit der phosphorsäure durch keimpflanzen. Bodenk. u. Pflanzenernähr. 34: 310-321. 1944. 384 Z343A

#### Soil Biology

- 6764 \*BOROWSKY, J. Bacteria utilizing atmospheric nitrogen. (In Hebrew.) Hassadeh 25: 239-240. Apr. 1945. 26 H27
- 6765 HARRIS, G. C. M. Chemical changes in beech litter due to infection by Marasmius peronatus (Bolt.) Fr. Ann. Appl. Biol. 32: 38-39. Feb. 1945. 442.8 An72
- 6766 \*STAMPA, G. The different methods, particularly microbiological, employed in determining soil requirements in fertilizer elements. Internatl. Inst. Agr. Internatl. Rev. Agr. 35: 118T-131T. July/Aug. 1944. 241 In82A
- 6767 SWABY, R. J. Do legumes excrete nitrogenous compounds? Austral. Inst. Agr. Sci. J. 11(1): 23-28. Mar. 1945. 23 Au74

#### Soil-Plant Relationships and Soil Requirements

- 6768 ASKEW, H. O. A case of combined potassium and boron deficiencies in grapes. Better Crops with Plant Food 29(5): 21-24, 44-46. May 1945. 6 B46
- 6769 BEAR, F. E. Alfalfa - the aristocrat. Better Crops with Plant Food 29(5): 6-10, 43. May 1945. 6 B46

#### Soil and fertilizer relationships and requirements.

- 6770 BEAR, F. E. The soil puts its mark on mankind. Amer. Fert. 102(11): 7-9, 30. June 2, 1945. 57.8 Am3

#### Relation between quality of the soil and the health of plants and animals.

- 6771 DRULLARD P., E. Terrenos apropiados para semilleros de café. Café de Nicaragua 1(5): 41. Mar. 1945. 68.28 C114
- 6772 \*GERICKE, S. Aufnahme und ausnutzung der düngerphosphorsäure durch unsere kulturpflanzen. Bodenk. u. Pflanzenernähr. 36: 53-62. 1945. 384 Z343A

- 6773 \*KANNENBERG, H. Über der wirkung der verdichtung des bodens im zusammenhang mit dem grundwasserstand auf den aufwuchs von haanf. Bodenk. u. Pflanzenernähr. 35: 205-215. 1945. 384 Z343A

- 6774 LEONARD, O. A. Field and laboratory studies on influence of soil aeration on cotton root growth. Miss. Farm Res. [Miss. Sta.] 8(4): 3. Apr. 1945. 100 M69M1

- 6775 \*NEUBAUER, H., and NEUBAUER, E. Veränderungen der wurzellöslichkeit von kalium und phosphor im boden durch das erhitzen der böden und durch deren behandlung mit humat. Bodenk. u. Pflanzenernähr. 34: 142-153. 1944. 384 Z343A

- 6776 \*NICOLAISEN, W., and TITZK, W. Untersuchungen über den gehalt von stoppelfrüchten an phosphorsäure und kali und den entzug dieser nährstoffe. Bodenk. u. Pflanzenernähr. 35: 1-22. 1944. 384 Z343A

#### Measurement of the uptake of nutrients from the soil by plants.

- 6777 \*RAUTERBERG, E. Die bestimmung der konstanten A, c und b in der ertragsgleichung von Mitscherlich. Bodenk. u. Pflanzenernähr. 35: 171-190. 1944. 384 Z343A

#### Mathematical expression of the effect of growth factors (fertilizers) on the yield of plants.

- 6778 \*SCHARRER, K., and SCHREIBER, R. Nährstoffansprüche der rispenhirse (Panicum miliaceum) an stickstoff und phosphorsäure. Bodenk. u. Pflanzenernähr. 35: 215-222. 1945. 384 Z343A

#### Soil Genesis, Formation, Classification, and Mapping

- 6779 ALBAREDA HERRERA, J. M. Sobre el estudio de los suelos españoles. Estudios Geograficos 4: 255-266. May 1943. 56.24 AL1
- Photoprint copy.

- 6780 BECK, V. S. Bore out the truth with a soil auger. Farm and Ranch 64(6): 10-11. June 1945. 6 T31

- 6781 CALLAGHER, P. H. Some aspects of soil classification. Irish Forestry 2(1): 5-11. May 1945. 99.8 Ir4

- 6782 \*KUBIENA, W. Beiträge zur bodenentwicklungslehre: der kalksteinbraunlehm (Terra fusca) als glied der entwicklungsreihe der mitteleuropäischen Rendsina. Bodenk. u. Pflanzenernähr. 35: 22-45. 1944. 384 Z343A

- 6783 MARTIN, W. S. Estructura del suelo. Inst. de Defensa del Café de Costa Rica. Rev. 15: 151-163. Mar. 1945. 68.28 C82

- 6784 \*NEUGEBAUER, V. Entstehung von bodenkrankheiten unter berücksichtigung bodenbildender prozesse auf jungdiluvialen hochflächen. Bodenk. u. Pflanzenernähr. 35: 86-107. 1944. 384 Z343A

- 6785 PABLO DUQUE, J. El suelo. Café de El Salvador 15: 103-106. Mar. 1945. 68.28 C112

#### Soil biology; soil genesis and classification.

- 6786 STOBBE, P. C., and AALUND, H. Soil survey of the Woodstock area, New Brunswick. Canada. Dept. Agr. Tech. B. 48, 62 p. Ottawa, 1944. 7 C16T
- Colored map in pocket.

#### SOIL MANAGEMENT

- 6787 BAKER, C. E. The influence of soil management on apple tree roots. Ind. Hort. Soc. Trans. (1944) 84: 60-64. 81 In2

- 6788 BARLEY, H. D. Healthy land - healthy stock. Poultry World 76: 265. June 8, 1945. 47.8 P8682

- 6789 GOURLEY, J. H. Orchard soil management. Ind. Hort. Soc. Trans. (1944) 84: 53-60. 81 In2

- 6790 MANN, T. The floor of the orchard. Farmers Weekly [London] 22(23): 26. June 8, 1945. 10 F2226

#### Advantages of grassed or cultivated soils for orchards.

- 6791 PITNER, J. Soil management on heavy clay or buckshot soil. Miss. Farm Res. [Miss. Sta.] 8(4): 3, 6. Apr. 1945. 100 M69M1

- 6792 RUHNKE, G. N. Soil management, a factor in livestock production. Ontario Milk Prod. 21(1): 17. June 1945. 44.8 On8

#### Soil Fertility

- 6794 ALBRECHT, W. A. Animals recognize good soil treatment. Berkshire News 10(8): 7-8. June 1945. 46.8 B454

- 6795 ALBRECHT, W. A. How long do the effects of fertilizer last? Better Crops with Plant Food 29(5): 11-13, 48-49. May 1945. 6 B46

- 6796 AMARGOS, J. L. La fertilización del maní. Agronomía [Habana] 5: 91-92. May 1945. 8 C893

- 6797 AUTEN, J. T. Response of shortleaf and pitch pines to soil amendments and fertilizers in newly established nurseries in the Central States. J. Agr. Res. 70: 405-426. June 15, 1945. 1 Ag84J

- 6798 \*B., A. La fumure de la betterave sucrière. Génie Rural et Elect. Rurale 37: 9, 11. July 1944. 58.8 Au8

- 6799 \*BOGUSLAWSKI, E. VON. Versuche zur ackerbaulichen verwertung von kupfer-mergelabgängen in der Bunzlauer heide. Bodenk. u. Pflanzenernähr. 35: 299-335. 1945. 384 Z343A



6800 BURCH, C. S. Returning poor land to productivity through grasses. Impl. & Tractor 60(12): 25, 38, 42. June 16, 1945. 58.8 W41

6801 CHADWICK, L. C. Feed your shade trees. Amer. Forests 51: 302-303. June 1945. 99.8 F762  
Fertilizing trees.

6802 CUMINGS, R. W. Applying experimental work to cotton farming. Better Crops with Plant Food 29(5): 14-16, 46-48. May 1945. 6 B46  
Chiefly on fertilizing.

6803 D'ETIGNY, J. Tendencias modernas de la agricultura. Rev. Nac. de Agr. [Bogotá] 38(485): 44-47. Jan. 1945. 9.4 R32  
Chiefly soil fertility and its management.

6804 ELLENWOOD, C. W., and FRYMAN, C. Peach orchard grown in sod. Ohio. Agr. Expt. Sta. Bimo. B. 30: 93-95. May/June 1945. 100 Oh3S

6805 EMSLIE, L. Humus and water in manured soils. Marit. Farmer and Co-op. Dairyman 50(18): 27. June 19, 1945. 7 C77

Effects of manuring on humus and moisture content.

6806 FOLLETT-SMITH, R. R. Natural humus and artificial fertilisers. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1943: 21-23. 65.9 B775

Discussion, p. 24-25.

Fertilizers for sugarcane.

6807 FULTON, M. D., BIRKETT, L. S., and FOLLETT-SMITH, R. R. An index of relative fertility of cane fields. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1943: 84-85. 65.9 B775

6808 \*GERICKE, S. Ergebnisse langjähriger fruchtfolge-düngungsversuche. Bodenk. u. Pflanzenernähr. 34: 194-208. 1944. Ref. 384 Z343A

6809 \*GERICKE, S. Die wirkung verschiedener wachstumsfaktoren auf die ertragsleistung deutscher wiesen. Bodenk. u. Pflanzenernähr. 34: 213-239. 1944. Ref. 384 Z343A

Effects of soil, climate, and fertilizers.

6810 HIGGINS, L. A. Milk cows build their soils. Prog. Farmer, Miss.-Ark.-La. Ed. 60(6): 43. June 1945. 6 So81

Dairy farming contributes to soil fertility.

6811 HOWARD, SIR A. Farming hand in hand with nature. Organic Gard. 7(1): 8-9. June 1945. 56.8 Or3

Use of compost and other organic materials to restore fertility to the soil.

6812 HUTCHESON, H. E. The livestock farmer and soil conservation. Va. Agr. Col. Ext. Div. News 27(8): 3-4. June 1945. 275.29 V81E

Livestock farming promotes soil fertility.

6813 LUSH, R. H. Improve grassland for better livestock. Soil Conserv. 10: 272-274. June 1945. 1.6 So3S

Fertilizing hay and grasslands.

6814 MATEUS, L. El mejoramiento de las tierras por medio de la siembra de abonos verdes. Agr. Mex. 61(2): 21-22. Feb. 1945. 8 Ag8

6815 \*MERTENS, F. Über den einfluss einer gesteigerten-stickstoffdüngung auf den ertrag und die konservierungstauglichkeit der grünen bohne. Bodenk. u. Pflanzenernähr. 34: 175-194. 1944. Ref. 384 Z343A

6816 \*NEHRING, K., RZYMKOWSKI, P., and SCHÜTTE, J. Über den einfluss der stickstoffdüngung, insbesondere zusätzlicher, später N-gaben auf den ertrag und die zusammensetzung von ölisaaten. Bodenk. u. Pflanzenernähr. 35: 247-270. 1945. 384 Z343A

6817 NORRIS, R. E. Fertilizer needs of Florida citrus groves. Citrus Mag. 7(10): 14. June 1945. 80 C498

6818 OBERHOLZER, P. C. J. Soil fertility in irrigated land; precautions against deterioration and methods of improvement. Farmer's Weekly [Bloemfontein], 69: 153. Apr. 4, 1945. 24 F225

6819 OWEN, E. C., SNOW, D., and THOM, C. L. The effect of borax dressings on the growth and yield of field beans (Vicia faba L.). J. Agr. Sci. 35: 119-122. Apr. 1945. 10 J822

6820 \*P., T. V. A note on the green manuring of replanted coffee. Planters' Chron. 40: 152. May 15, 1945. 22 P963

6821 PITNER, J. Fertilizer after winter legumes for cotton production. Miss. Farm Res. [Miss. Sta.] 8(4): 2. Apr. 1945. 100 M69M1

6822 PITNER, J. Value of winter legumes tested at Delta station. Miss. Farm Res. [Miss. Sta.] 8(4): 3, 6. Apr. 1945. 100 M69M1  
Value as fertilizer.

6823 \*PODLIPENKO, F. Agrotehnika na stakhanovskikh uchastkakh [Agricultural technique on the "stakhanovite" plots]. Sovkhoz. Proizvod. 4(10/11): 28-29. Oct./Nov. 1944. 20 So85

Improvement of the podzolic soils in the vegetable-growing districts of the Leningrad area.

6824 REYNOLDS, E. B. Are Texas soils deficient? Farm and Ranch 64(6): 30. June 1945. 6 T31

6825 RICHARDSON, H. B., and MINGES, P. A. Sweet corn plus nitrogen. Pacific Rural Press, South. Ed. 149: 375. June 9, 1945. 6 P112A

6826 RODALE, J. I. Chemicals are complicated. Organic Gard. 7(2): 4-6. July 1945. 56.8 Or3

Ill effects on soil and plants of misuse of chemical fertilizers.

6827 ROGERS, W. S., and RAPTOPOULOS, T. Cover crops for fruit plantations. I. Short term leys. J. Pomol. and Hort. Sci. 21: 120-139. Apr. 1945. 80 J825

6828 \*SAUERLANDT, W. Fragen der humuswirtschaft. Bodenk. u. Pflanzenernähr. 35: 45-58. 1944. 384 Z343A

6829 \*SCHARRER, K., and SCHREIBER, R. Gefäßversuche über die wirkung verschiedener phosphorsäuredünger auf alkalischen böden. Bodenk. u. Pflanzenernähr. 35: 71-86. 1944. 384 Z343A

6830 \*SCHMITT, L., and HASPER, E. Wirkstoffe und biologisch-dynamische wirtschaftsweise. II. Bodenk. u. Pflanzenernähr. 34: 129-142. 1944. 384 Z343A

6831 SEALE, C. C. Growth measurements on sugar cane for the rapid determination of fertilizer requirements. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1943: 91-92. 65.9 B775

Discussion, p. 93-96.

6832 SERVISS, G. Where do we go with nitrogen? Amer. Agr. 142: 267. June 16, 1945. 6 Am3

Economic and other factors affecting farm use of nitrogen fertilizers.

6833 SMITH, J. L. Crotalaria makes good cover crop. Fla. Grower 53(6): 6. June 1945. 80 F6622

6834 SMITH, R. B. Fertilizer experiences [with peonies]. Amer. Peony Soc. B. 97, p. 20-21. Mar. 1945. 81 Am38B

6835 TYSON, J. Higher grain production with fertilization in the Upper Peninsula of Michigan. Mich. Agr. Expt. Sta. Q. B. 27: 390-397. May 1945. 100 M58S

6836 VANDERFORD, H. B. Why brown loam terrace soils respond to potash. Better Crops with Plant Food 29(5): 17-20, 49-50. May 1945. 6 B46

6837 WILLOUGHBY, L. E. Stubble burning. Kans. State Col. Ext. Neighborhood Leader, May 1945, p. 2-3. 275.29 K13N

Stubble when plowed under increases fertility of the soil.

#### Soil Tilth and Tillage

6838 BAKER, C. E. Mulching the peach orchard. Ind. Hort. Soc. Trans. (1944) 84: 49-53. 81 In2

6839 D. Mulching destroys weeds and makes the plants grow. Pop. Gard. 47: 125. June 16, 1945. 80 G1622

6840 FARNHAM, R. B. The facts about summer mulching. Home Gard. 5(6): 8-13. June 1945. 80 H756

6841 GONZÁLEZ DE COUTO, A. Para qué aramos la tierra? Retiro Azucarero 1(3): 23-24. Oct. 1944. 65.8 R31



- 6842 GREGG, O. I. Mulch produces more vegetables. Mich. Potato Growers Exch. 25(9): 4. July 1, 1945. 75.8 M56
- 6843 LEMMON, R. S. Strawberry bedclothes [mulches] for summer days and nights. Home Gard. 5(6): 43. June 1945. 80 H756
- 6844 MORRIS, F. W. Straw mulch gets results. Amer. Agr. 142: 266. June 16, 1945. 6 Am3
- 6845 RODALE, J. I. Rock mulches. Organic Gard. 7(1): 4-7. June 1945. 56.8 Or3
- 6846 THERON, J. J. Put your hand to the plough. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 6, 2 p. Pretoria, 1944. 24 So82Pa
- Plowing.
- 6847 TURNER, P. E. Progress in tillage methods on sugar estates in Trinidad - the results of some tillage experiments. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1943: 34-48. 65.9 B775
- Discussion, p. 48-50.
- 6848 WOODBURN, R. Preventing erosion losses of soil with mulch from winter cover crops. Miss. Farm Res. [Miss. Sta.] 8(4): 2. Apr. 1945. 100 M69M1
- Drainage, Irrigation, Water Supply, and Flood Control
- 6849 \*ANLIKER, O. Kulturland, dem see abgerungen. Schweiz. Z. f. Forstw. 95: 411-415. Dec. 1944. 99.8 Sch9
- 6850 \*BARAEV, A. Snegozaderzhanie v usloviiakh fagovostoka [Snow conservation under conditions of the South-East]. So'tsialist. Sel'sk. Khoz. 15 (11/12): 56-58. Nov./Dec. 1944. 281.8 So73
- 6851 BINGHAM, G. H. Border method of irrigation. Mont. Farmer 32(19): 6. June 1, 1945. 6 M764
- 6852 BRACKEN, L. O. Ditching low land. South. Agr. 75(7): 12. July 1945. 6 So83
- 6853 \*CALFAS, P. L'aménagement du Haut-Rhone français. Realisations concernant la navigation et l'irrigation. Génie Civil 116: 45-46. (Concl.) Jan. 20, 1940. 290.8 G29
- 6854 \*CANALINI, G. La bonifica integrale nel sistema del nuovo Codice Civile. Ital. Agr. 78: 647-656. Sept. 1941. 16 It1
- Irrigation, drainage, and other forms of land improvement.
- 6855 CASTLE, C. V. Irrigating pastures in Los Angeles County. Calif. Dairyman 25(8): 20. May 26, 1945. 44.8 C12
- 6856 DUYCK, L. H. Irrigation a farm necessity. Fla. Grower 53(6): 9, 13. June 1945. 80 F6622
- 6857 EMERSON, A. W. Concrete for permanent irrigation structures. Concrete 53(6): 2-5. June 1945. 299.8 C743
- 6858 FOOTE, F. J. Lemon orchard management investigations. Calif. Citrog. 30: 232, 233. June 1945. 80 C125
- Irrigation and fertilizing.
- 6859 \*FRIEDMANN, G. Attualità delle progettazioni fertirrigue. Ital. Agr. 79: 259-263. May 1942. 16 It1
- 6860 \*FRIEDMANN, G. Economia montana fertirrigua; impianti per vallate. Ital. Agr. 80: 513-521. Oct./Nov./Dec. 1943. 16 It1
- 6861 \*FRIEDMANN, G. Impianti idroelettrici e fertirrigazione. Ital. Agr. 78: 533-537. July 1941. 16 It1
- 6862 GERBER, W. D. Water resources of Illinois. West. Soc. Engin. J. 50: 61-73. June 1945. 290.9 W522
- 6863 \*GIRARDIN, G. L'irrigation souterraine par remontée du plan d'eau. Génie Rural et Elect. Rurale 37: 4-5. Sept./Oct./Nov. 1944. 58.8 Au8
- 6864 \*H., P. C. Metodos de irrigación en el oeste norteamericano. Surco [Madrid] 4(36): 14-17. Feb. 1945. 15 Su7
- 6865 ISRAELSEN, O. W., MAUGHAN, J. H., and SOUTH, G. P. Mutual irrigation companies - their activities, problems and performance. Farm & Home Sci. [Utah Sta.] 6(2): 8-9. June 1945. 100 UtlF
- 6866 JENKINS, J. M., and JONES, J. W. Results of experiments with rice in Louisiana. Rice J. 48(5): 24-26. May 1945. 59.8 R36
- Irrigation.
- 6867 JOHNSTON, J. C. Citrus irrigation. Citrus Leaves 25(6): 10-11. June 1945. 80 C492
- 6868 LARSON, V. E. Heading into man-made drought. Ariz. Farmer 24(12): 1, 26. June 16, 1945. 6 Ar44
- Over-use of irrigation water in Arizona and projects to supply additional water.
- 6869 LAVERTY, F. B. Correlating flood control and water supply, Los Angeles coastal plain. Amer. Soc. Civ. Engin. Proc. 71: 831-848. June 1945. 290.9 Am3P
- 6870 \*LIMAYE, D. G. Water finding in the Decan. Indian Farming 5: 456-458. Oct. 1944. 22 In283
- Location of underground water.
- 6871 LLOYD, M. F. R. Irrigation and labor saving machinery. New Agr. 27(8): 11. May 1945. 66.8 Su32
- Irrigation practices.
- 6872 NEAL, O. R. Water storage in the surface soil. Soil Conserv. 10: 274-277. June 1945. 1.6 So3S
- Importance of certain soil moisture constants in connection with irrigation.
- 6873 ORTIZ GARMENDIA, J. Aguadas, forrajes y ganaderia en el Norte Chico. Campesino [Santiago, Chile], 77: 199-200. Apr. 1945. 9.3 Sol2
- Importance of water and its conservation.
- 6874 ORTON, C. R. Water! New Agr. 27(8): 10. May 1945. 66.8 Su32
- Importance of water supply to agriculture.
- 6875 OVERHOLT, V. Farm ponds. Land Let., ser. 5, p. 1. June 1945. 279.8 L22L
- 6876 PACKARD, W. E. The Central Valley Project. New Repub. 113(1): 14-16. (Cont.) July 2, 1945. 280.8 N
- Emphasizes importance of the project for irrigation.
- 6877 RICKER, C. C. Water management for food production and security. Agr. Engin. 26: 246, 248. June 1945. 58.8 Ag83
- 6878 ROY, J. B. Les terres noires du sud-ouest du Quebec. B. des Agr. 46(6): 8-11. June 1945. 7 B872
- Necessity for drainage of the black lands.
- 6879 ST. JACQUES, E. C. Sprinkler systems for cranberries. Cranberries 10(2): 10-11. June 1945. 80 C852
- 6880 SOUTHWICK, R. W. Citrus irrigation in the coastal district of Ventura County [Calif.]. Calif. Citrog. 30: 233. June 1945. 80 C125
- 6881 SPENCER, J. W. Watersheds and water yields of Colorado. Green Thumb 2(4): 1-6. July/Aug. 1945. 80 G82
- 6882 STRUCKMAN, R. P. Missouri River Basin plan. Mont. Farmer 32(21): 1, 21. July 1, 1945. 6 M764
- Importance of the project for increased development of irrigation.
- 6883 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1943. Pt. 13, Snake River Basin. U. S. Geol. Survey. Water-Supply Paper 983, 233 p. Washington, 1945. 407 G29W
- 6884 \*VITTORANGELI, R. La irrigazione potente strumento autarchico. Ital. Agr. 78: 99-103. Feb. 1941. 16 It1
- 6885 WALKER, J. Tree planting near dugouts and dams. Canada. Dept. Agr. P. 629, rev., 15 p. Ottawa, 1945. 7 C16C
- Planting to protect water supply in farm ponds and reservoirs.



6886 WOOLEY, J. C. Planning the farm for water management. Impl. & Tractor 60(11): 29, 44. June 2, 1945. 58.8 W41

#### Erosion and Erosion Control

6887 BENNETT, H. H. Answering an SOS from South Africa. Land Policy Rev. 8(2): 27-30. Summer 1945. 1 Ec7La

Soil erosion in the Union of South Africa.

6888 BENTON, R. J. Plant citrus on the contour. Agr. Gaz. N. S. Wales 56: 208-209. May 1, 1945. 23 N472

6889 BROHARD, E. Federal Reserve sponsorship of soil conservation in Ohio. Farm and Dairy [Salem, Ohio] 31(43): 6. June 23, 1945. 6 F2279

6890 CAMPBELL, D. A. Soil-conservation studies applied to farming in Hawke's Bay. Pt. I - Investigations into run-off and soil loss. New Zeal. J. Sci. and Technol., Sect. A, Agr. 26: 301-332. Apr. 1945. 514 N48A

6891 CARREKER, J. R., and HENDRICKSON, B. H. Summer soil losses are worst. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(6): 11, 43. June 1945. 6 P945G

6892 CONOVER, D. S. Conserving soil and water. Canad. Countryman 34(12): 3, 34-35. June 9, 1945. 7 C833

6893 DANIEL, H. A. Wise land use and practical conservation. Farm and Ranch 64(6): 19, 20. June 1945. 6 T31

6894 EBERLE, H. F. Green bulwarks against the dust menace; tree regeneration at Broken Hill [Australia]. Country Life [Sydney] 56(38): 16, 13. 286.85 Sy2

6895 \*GIVEON, H. The problem of erosion in the hills. (In Hebrew.) Hassadeh 25: 284-286. Apr. 1945. 26 H27

6896 GOHL, C. R. Drift sand reclamation and coast stabilisation in the south western districts of the Cape Province. So. African Forestry Assoc. J., No. 12, p. 4-18. 1944. 99.9 So82

6897 HECKER, H. E. Teamwork in conservation. Ohio Farm Bur. News 24(11): 15. June 1945. 6 Oh34

6898 HERBERT, F. W. Soil conservation in California. California 35(6): 20, 28-29. June 1945. 280.8 C12

6899 HERTSLET, J. Nations last as long as their top-soil. Home and Country [Durban] 4(47): 11. Apr. 1945. 281.28 H754

Soil erosion.

6900 \*HESKE, F. Einsatz zielbewusster walderhaltung im kampf gegen die austrocknung Afrikas. Z. f. Weltforstw. 11(1/3): 3-20. Jan./Mar. 1944. 99.9 Z35

Influence of deforestation on desiccation of the soil, soil erosion, and the phenomenon of river capture in Africa. Reforestation and conservation will correct these tendencies.

6901 HUFSTEDLER, C. It takes the complete program. Farm and Ranch 64(6): 5. June 1945. 6 T31

Soil conservation.

6902 KEDLEC, G. C. Work unit conservationist is a busy man. Dakota Farmer 65(12): 15, 16. June 23, 1945. 6 D14

Soil conservation.

6903 KING, N. Underground reservoir. Hawaii Farm and Home 8(6): 35. June 1945. 25 H3191

Contour farming.

6904 \*L., E. Causes et dangers de l'érosion du sol dans les régions arides ou semi-arides. Modes de culture qui y remédient. Génie Civil 116: 229-231. Apr. 6, 1940. 290.8 G29

6905 LANDIS, L. It pays to farm well. Banking 37(12): 55. June 1945. 284.8 Am3

Bankers' interest in soil conservation.

6906 MCWHORTER, G. E. Her life blood runs white. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(6): 11. June 1945. 6 P945G

Soil conservation in Putnam County, Ga.

6907 MICHENER, R. T., and WILSON, T. I. Effects of torrential rain near Heppner, Oregon. Northwest Sci. 19: 31-33. May 1945. 470 N81

Relation of strip cropping to erosion and runoff.

6908 NEATBY, K. W. The old, old story. Seed-time & Harvest, No. 122, 1 p. June 14, 1945. 7 Se3

Soil drifting in Canada.

6909 NETO, J. A., and BORGONOV, M. O terraceamento no combate á erosão. Rev. do Algodão 10(98): 4-8. Mar. 1945. 72.8 R322

6910 NIXON, W. M. Growing peanuts the conservation way. Soil Conserv. 10: 271-272. June 1945. 1.6 So3S

6911 PEREZ ARBELAEZ, E. Defendamos el suelo. Arboles 2: 187-189. Mar. 1945. 99.8 Ar16

6912 PESCOFF, E. E. In search of a protective plant against soil erosion. Stock and Land 35(15): 2. Apr. 11, 1945. 49 St63

6913 RICHARDSON, T. C. Saving and serving the soil. Farmer-Stockman 58: 243, 251. July 1945. 6 Ok45

Soil conservation and improvement.

6914 SCOTT, J. D. South Africa in greater danger than any country. Farmer [Pietermaritzburg] 33(12): 14. Mar. 24, 1944. 24 F227

Danger from soil erosion.

6915 SMITH, W. F. Postwar opportunities in land terracing and related construction work. Agr. Engin. 26: 239-241. June 1945. 58.8 Ag83

6916 STEELE, C. F. Black blizzards are a menace. Family Herald and Weekly Star 76(24): 13. June 13, 1945. 7 F21

Dust storms.

6917 WOODBURN, R. A comparison of erosion losses after turning under legumes and non-legumes. Agr. Engin. 26: 247-248. June 1945. 58.8 Ag83

6918 WOODBURN, R. Legumes save the soil even after turning. Miss. Farm Res. [Miss. Sta.] 8(5): 1, 2. May 1945. 100 M69M1

Effects on soil erosion.

#### Sanitation

6919 CLAYTON, E. E., and others. Chemical soil treatments for disease and weed control in tobacco plant beds. (Abs.) Phytopathology 35: 483. June 1945. 464.8 P56

J. G. Gaines, T. E. Smith, and T. W. Graham, joint authors.

6920 GREAT BRITAIN. MINISTRY OF AGRICULTURE AND FISHERIES. Soil sterilization. Gt. Brit. Min. Agr. and Fisheries. Advisory Leaflet 319, 8 p. London, 1945. 10 G79La

6921 JACKS, H. Soil disinfection. II. Preliminary report on control of damping-off. New Zeal. J. Sci. and Technol. Sect. A, Agr. 26: 357-358. Apr. 1945. 514 N48A

6922 MCCOOL, M. M. Effect of sodium cyanide on number of fungi, bacteria, and Actinomyces in soil and its value in the control of damping off of seedlings, nematodes, and cabbage root worm. Boyce Thompson Inst. Contrib. 13: 463-472. Apr./June 1945. 451 B69

#### MATERIALS FOR SOIL IMPROVEMENT

6923 BOWLES, O., and TUCKER, E. M. Trends in consumption and prices of chemical raw materials and fertilizers. U. S. Bur. Mines. Inform. C. 7320, 27 p., processed. Washington, 1945. 156.61 C49

Developments in the United States from 1910 to 1943. Statistics of boron materials, potash, phosphate rock, nitrogen, and agricultural liming materials.

6924 CHAPMAN, C. J. Plow-sole fertilizing on the average farm. Com. Fert. 70(6): 29-30, 32-33, 43-45. June 1945. 57.8 C73

6925 DUFFY, D. J. The humus versus fertilizer controversy. Estate Mag. 45: 126-128. May 1945. 10 Es8



6926 LISONI ROJAS, M. Breves consideraciones sobre abonos. Ecuador. Primera Zona. Cam. de Agr. Rev. 7: 161-164. Mar. 1945. 9.5 Ec96

6927 SCARSETH, G. D. A democracy looks to its soil. Ohio Farm Bur. News 24(11): 16. June 1945. 6 Oh34

Discussion of a fertilizer program and policy. Also in Hoosier Farmer 30(6): 9, 16. June 1945. 280.82 H76

6928 STEENKAMP, J. L. Purchase of organic fertilizers. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 3, 2 p. Pretoria, 1944. 24 So32Pa

#### Primary Materials

6929 HUIDOBRO, J. G. Las tortas y afrechos oleaginosos empleados como abonos. Campesino [Santiago, Chile], 77: 202-203. Apr. 1945. 9.3 Sol2

6930 KINNARD, V. Kara-Tau's billion tons of phosphate rock. Foreign Com. Weekly 19(10): 14-15, 48. June 2, 1945. 157.54 F763

Deposits in central Soviet Asia.

6931 MCCOOL, M. M. Fertilizer value of sodium cyanide. Boyce Thompson Inst. Contrib. 13: 479-485. Apr./June 1945. 451 B69

6932 \*THUN, R. Über das wirkungsverhältnis verschiedener kalidünger. 2. Gefäßversuche. Bodenk. u. Pflanzenernähr. 34: 117-128. 1944. 384 Z343A

6933 W., S. B. Lack of potash accounts for many failures - is it the cause of yours? Pop. Gard. 47: 114. June 9, 1945. 80 G1622

Different kinds of potash fertilizers.

#### Secondary and Minor Element Materials

6934 \*KLUMPP, E. Kupfer als spurenelement in waldboden. I. Z. f. Weltforstw. 11: 212-223. Apr./Sept. 1944. 99.9 Z35

Copper deficiency in soils and plants.

#### Mixed Fertilizers and Fertilizer Technology

6935 BAYLOR, H. [Address to the National Fertilizer Association, 1945.] Com. Fert. 70(6): 19-20, 25, 42-43. June 1945. 57.8 C73

Developments in the fertilizer industry.

6936 HARDESTY, J. O., YEE, J. Y., and LOVE, K. S. Moisture relations of mixed fertilizers, influence of nitrogenous materials. Indus. and Engin. Chem., Indus. Ed. 37: 567-573. June 1945. 381 J825

#### Mineral Soil Amendments

6937 \*B., A. La fumure des prairies. Génie Rural et Elect. Rurale 37: 9. Sept./Oct./Nov. 1944. 58.8 Au8

Value of slag as a fertilizer.

6938 \*KAPPEN, H., and HOFFMANN, E. Über den zusammenhang zwischen basengehalt und düngewirkung der hochhofenschlacken (Hüttenkalke). I. Bodenk. u. Pflanzenernähr. 34: 153-170. 1944. 384 Z343A

Part II, in v. 36, 1945, p. 63-74, has a third author, R. W. Beling.

6939 PEREIRA, A. L. Valor da calagem. Curo Branco 10(8): 11. Dec. 1944. 72.8 Ou7

#### Manures and Composts

6940 \*ACHARYA, C. N. Cattle wastes in India. Indian Farming 5: 470-471. Oct. 1944. 22 In283

Farmyard manure.

6941 BONILLA A., G. Ensayos del procedimiento Indore modificado. Inst. de Defensa del Café de Costa Rica. Rev. 15: 102-114, 176-187. Feb.-Mar. 1945. 68.28 C82

Preparation of compost.

6942 \*CHOWDHURY, S. Manures and manuring. Ch. III. Farm manures. Allahabad Farmer 17: 251-268. (Cont.) Nov. 1943. 22 AL5

6943 \*DRAGHETTI, A. Il problema della fissazione totalitaria dell'azoto ammoniacale del letame e delle urine di stalla durante la loro conservazione e il loro impiego in campagna. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 22 (1/2): 3-25. Mar./June 1942. 16 N92

6944 \*GERICKE, S. Die bedeutung der ernterückstände für den humushaushalt des bodens. 1. Bodenk. u. Pflanzenernähr. 35: 229-247. 1945. Ref. 384 Z343A

6945 GONZALEZ, A. DE J. La cachaza como abono para la caña y los pastos. Cuba. Min. de Agr. Rev. 28(1): 92. Jan./Feb./Mar. 1945. 8 Ag88Re

6946 H. Composting for small garden and allotment. Pop. Gard. 47:133. June 23, 1945. 80 G1622

6947 HOWARD, SIR A. Calidad del humus. Inst. de Defensa del Café de Costa Rica. Rev. 15: 78-79. Feb. 1945. 68.28 C82

Importance of quality of humus; preparation of compost.

6948 KLEIN, G. T. Expansion of poultry industry makes tons of fertilizer available at no added cost. Growers Peanut Coop. GPC News 3(5): 3. May 1945. 280.28 G112

Poultry manure as fertilizer.

6949 KRIEL, H. T. The use of Karoo manure in vegetable production. Union So. Africa. Dept. Agr. and Forestry. B. 255 (Hort. Ser. 9), p. 11-15. 1945. 24 So84P

6950 MCKENNA, P. J. "Why" and "how" of compost. Country Book Mag. 5: 3-7. Summer 1945. 6 C836

6951 OSSE, L. Estrumeiras. Parte II - Vantagens proporcionadas. Rev. dos Criadores 16(4): 31-32. Apr. 1945. 43.8 R32

6952 PETERSON, H. B., and COOK, M. E. Farm manure - an example of its conservation and utilization. Utah Farmer 64(21): 6. June 25, 1945. 6 D45

6953 \*SMIRNOV, N. O nakoplenii organicheskikh udobrenii i iskusstvennom navoze [Concerning the accumulation of organic fertilizers and artificial manure]. Kolkhoz. Proizvod., No. 11/12, p. 29. Nov./Dec. 1944. 281.8 K83

6954 SURRIDGE, H. R. How to make a compost heap or manure from garden rubbish. Fiji. Dept. Agr. Agr. J. 16(1): 6-7. Mar. 1945. 25 F47Ag

6955 SWINNERTON, A. A. Peat in Canada. Canad. Geog. J. 31(1): 18-29. July 1945. 470 G162

6956 TURK, L. M. The effect of sawdust on plant growth. Flower Grower 32: 355. July 1945. 80 M72

6957 TURNILL, L. C. Keep manure covered. Farmer & Stock-Breeder 59: 817. May 22, 1945. 10 F228

Care of poultry manure.

#### FORESTRY

##### FOREST ECONOMICS AND POLICY

6958 \*BAVIER, B. Die bedeutung von ausgleichsbeitragen für die nutzung von schlägen in entlegenen gebirgswaldungen und deren ueberführung in die nachkriegszeit, als massnahme der bergbauernhilfe. Schweiz. Z. f. Forstw. 95: 404-410. Dec. 1944. 99.8 Sch9

War subsidies to increase wood production in forest communities in Switzerland.

6959 \*BLANKMEISTER, J. Mensch und natur; ein grundproblem der deutschen waldwirtschaft und waldwirtschaftslehre. Z. f. Weltforstw. 11: 176-211. Apr./Sept. 1944. 99.9 Z35

Summaries in English and French.



6960 FRANCIS, S. H. Notes on forest settlements on leased crown lands in the Province of Quebec. *Forestry Chron.* 21: 109-113. June 1945. 99.8 F7623

6961 MACDONALD, G. B. Acquiring State forests. *Iowa Conserv.* 4: 137, 142. June 15, 1945. 279 Io92

6962 MINCKLER, L. S. Reforestation in land use: governing principles. *Land Policy Rev.* 8(2): 3-8. Summer 1945. 1 Ec7La

6963 PRIAULX, A. M. "Back-forty" Paul Bunyans. How Snohomish County, Washington, backwoodsmen are giving cooperative farm forestry a new and profitable meaning. *Amer. Forests* 51: 272-273, 307-308. June 1945. 99.8 F762

6964 \*TIMLER, F. K. Die wirtschaft der waldländer an der Südgineaküste; ein beitrage zur wirtschaftsgeographie des tropischen urwaldes. *Z. f. Weltforstw.* 11: 128-175. Apr./Sept. 1944. 99.9 Z35  
Summaries in English and French.

6965 WATTS, L. F. America tomorrow - a land without trees. *Mag. Digest* 30(6): 107-110. June 1945. 110 M27

6966 WILLIAMSON, A. H. Comments on Canadian timber control as affecting home consumption and prices. *Austral. Timber J.* 11: 121-122, 125. Apr. 1945. (Madison Sub-Branch Libr.)

#### Legislation

6967 \*HUBER, A. Waldbesitzverhältnisse in den Freibergen. *Schweiz. Z. f. Forstw.* 96: 30-38. Feb. 1945. 99.8 Sch9

Swiss legislation concerning forest ownership.

6968 \*KR., C. Wen trifft die kautionspflicht für wiederaufforstung? *Schweiz. Z. f. Forstw.* 96: 18-20. Jan. 1945. 99.8 Sch9

Discussion of legislation in Switzerland in regard to the reforestation of a quarry.

#### Prices

6969 \*SORNAY, J. Réglementation forestière; arrêté du 21 décembre 1943 fixant et codifiant les prix des produits d'exploitations forestières et de scieries. *Soc. Forest. de Franche Comté et Provs. de l'Est B. Trimest.* 24: 178-186. Mar. 1944. 99.9 Sol4

#### FOREST DESCRIPTION AND RESOURCES

6970 \*AARTSEN, J. P. VAN. Products of African woodlands. *Internatl. Inst. Agr. Internatl. Rev. Agr.* 34: 421T-441T. Nov./Dec. 1943. 241 In82A

6971 BRUNDAGE, R. C. Our remarkable Hoosier hardwoods. *Amer. Forests* 51: 278-283. June 1945. 99.8 F762

Forest resources of Indiana.

6972 \*BUCHHOLZ, E. Die holzüberschussgebiete des osteuropäischen raumes. *Z. f. Weltforstw.* 11: 95-128. Apr./Sept. 1944. 99.9 Z35

Summaries in English and French.

Forest resources and industries of European Russia.

6973 DEEN, J. L. The second mile up is forested. *Amer. Forests* 51: 284-287, 308, 310. June 1945. 99.8 F762

Forest resources of Colorado.

6974 GONZALEZ DE COUZO, A. Una gran herencia agraria y una necesidad nacional. *Retiro Azucarero* 1(2): 24-25. Sept. 1944. 65.8 R31

Forestry in Cuba.

6975 \*HEITMANN, F. Statistische grundlagen der forstlichen verhältnisse Asiens; zur forst- und holzwirtschaftsstatistik der Türkei. *Z. f. Weltforstw.* 11: 283-293. Apr./Sept. 1944. 99.9 Z35

Summaries in English and French.

First of a projected series of articles on forest statistics of Asiatic countries.

6976 HORN, E. F. South America's forests; though unrivaled in extent and variety, they remain an unknown factor in meeting postwar demands for wood. *Amer. Forests* 51: 267-268. June 1945. 99.8 F762

6977 \*ITALY. ISTITUTO CENTRALE DI STATISTICA. Compartimento dell'Emilia, Provincia di Modena. *Italy. Ist. Cent. di Statist. Catasto Forest.* 38, 32 p. Roma, 1940. 99.73 It1

6978 \*JASINSKI, R. Puszcza Bialowieska (Der Urwald von Bialowieza). *Schweiz. Z. f. Forstw.* 95: 261-266. Sept. 1944. 99.8 Sch9

6979 JOHNSON, D. The West Coast forest picture. *Miss. Val. Lumberman* 76(23): 9. June 8, 1945. 99.81 M69

Also in *Calif. Lumber Merchant* 24(1): 6. July 1, 1945. 99.81 C12

6980 \*KUSTER, A. Die waldvegetation im Puschlav. *Schweiz. Z. f. Forstw.* 96: 1-12. Jan. 1945. 99.8 Sch9

6981 LEITCH, G. B. Tasmanian timber supplies. *Austral. Timber J.* 11: 113, 127. Apr. 1945. (Madison Sub-Branch Libr.)

6982 PETRIE, S. M. Nisbet's observations on Irish forestry in year 1904. *Irish Forestry* 2 (1): 12-18. May 1945. 99.8 Ir4

6983 PULP & Paper Industry. North American review number, v. 19, No. 5, 168 p. May 1945. 302.8 P11

Gives information on timber resources of the United States by region, Canada, Alaska, and the rest of the world; on wood pulp and paper and on paperboard. Includes numerous statistical tables.

6984 \*R., P. L'exploitation des forêts coloniales françaises. *Génie Civil* 116: 362-363. June 1, 1940. 290.8 G29

6985 \*RUBNER, K. Das waldbild des europäischen ostraums. (Abs.) *Forstwiss. Centbl. u. Tharandter Forstl. Jahrb.*, 1944, No. 1, p. 32-34. Mar. 1944. 99.8 F775

6986 S., W. L. Timber in Southern Rhodesia. *Wood* 10: 133. June 1945. 99.82 W855

6987 SCHIFFINO, J. Riqueza forestal dominicana. *Dominican Repub. Sec. de Estado de Agr., Indus., y Trab. Rev. de Agr.* 35: 242-246. Nov./Dec. 1944. 8 R323

6988 \*TANNER, H. Die forstlichen verhältnisse im kanton St. Gallen. *Schweiz. Z. f. Forstw.* 95: 193-232. July/Aug. 1944. 99.8 Sch9

6989 \*WOBST, A. Der plenter-schutzwald im Riesengebirge. (Abs.) *Forstwiss. Centbl. u. Tharandter Forstl. Jahrb.*, 1944, No. 1, p. 46-47. Mar. 1944. 99.8 F775

#### Individual Genera and Species

6990 COLLINGWOOD, G. H. Alligator juniper, *Juniperus pachyphloea*, Torrey. *Amer. Forests* 51: 290-291. June 1945. 99.8 F762

6991 CRANE, J. C. The Royal palm in Cuba. *Agr. in the Americas* 5: 109-111, 115. June 1945. 1 F752A

Gives uses of the tree.

6992 HOWARD, A. L. The horse-chestnut tree (*Aesculus hippocastanum*). *Nature [London]* 155: 521-522. Apr. 28, 1945. 472 N21

6993 O'BEIRNE, M. Notes on Eucalyptus species at Avondale, Co. Wicklow. *Irish Forestry* 2 (1): 23-26. May 1945. 99.8 Ir4

6994 WHEELER, W. Black locust posts. *Horticulture* 23: 293. June 1, 1945. 80 H787  
Value of black locusts for posts and as a soil improver.

#### FOREST ADMINISTRATION AND MANAGEMENT

6995 CAMERON, D. R. Forest management and its cost. *Canada Lumberman* 65(11): 12-14. June 1, 1945. 99.81 C16

6996 CANADA. FOREST SERVICE. Outline for a working plan. *Canada. Forest Serv. Silv. Leaflet* 21, 2 p., processed. Ottawa, 1945. 99.9 C16S

6997 HAYES, E. Tree farming. *Miss. Val. Lumberman* 76(23): 16-17. June 8, 1945. 99.81 M69



6998 \*HEGER, A. Aufbau und leistung von natur-nahen waldern im osten und ihre forstwirtschaftliche behandlung. (Abs.) Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., 1944, No. 1, p. 34-35. Mar. 1944. 99.8 F775

6999 PARLOW, A. E. Working circle methods advocated for interior. Brit. Columbia Lumberman 29 (6): 54, 56, 58. June 1945. 99.81 B77

Plan for Kamloops Forest District, British Columbia.

7000 ROBERTSON, W. M. Succession cutting in pine. Canada. Forest Serv. Silv. Res. Note 74, 8 p., processed. Ottawa, 1945. 99.9 C16Re

7001 STEINHAMER, S. A Norwegian engineer looks at Canada. Forests & Outdoors, June 1945, p. 147-148. 99.8 C15

Forest management.

#### Administration

7002 \*RUEDI, K. Zur frage der organisation des untern forstdienstes. Schweiz. Z. f. Forstw. 96: 12-16. Jan. 1945. 99.8 Sch9

#### Farm Woodlands

7003 BRACKEN, L. O. Returns from forestry. Country Gent. 115(6): 27. June 1945. 6 C833

7004 CHRISTIE, A. H. Wartime forest-farmer. Amer. Forests 51: 294, 312. June 1945. 99.8 F762

7005 COONS, MRS. F. Planning a shelterbelt. Mont. Farmer 32(19): 5. June 1, 1945. 6 M764

7006 DEAN, F. W. Farm woods protection - methods of culture. Farm and Dairy [Salem, Ohio] 31(43): 2. June 22, 1945. 6 F2279

7007 DEBERTI, M. J. The farm woodlot - a big asset. Pa. Farmer 132: 321. June 9, 1945. 6 P383

7008 EBERLY, N. Four pulpwood field days.

Pa. Farmer 132: 248-249. June 23, 1945. 6 P383

7009 ELLIOTT, J. Pulpwood - patriotic and profitable. Prog. Farmer, Ky.-Tenn. Ed. 60(7): 20. July 1945. 6 P945K

Importance of farm woodlands as supply source.

7010 GONZALEZ, A. Montes de abrigo: su importancia. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 64-65. Nov. 1944. 49 B86

7011 KELLER, J. W. Shelterbelts in the Great Plains. Soil Conserv. 10: 259-263. June 1945. 1.6 So3S

7012 MARRITT, I. C. Regulating privately owned woodlands. Farmer's Mag. 42 (6): 71-72. June 1945. 7 C165

7013 RUSSELL, J. A. Reforest that old pasture. Country Book Mag. 5(1): 86-87. Summer 1945. 6 C836

7014 SAYERS, W. B. Foresters aid State farmers. W. Va. Conserv. 9(3): 17. June 1945. 279.8 W524

#### Mensuration

7015 CORNWALL, G. F. Historical research uncovers forgotten [Abernethy] log rule. Timberman 46(8): 59-60. June 1945. 99.81 T484

#### FOREST PROTECTION AND DAMAGE

Articles on diseases of trees are listed under Pathology in the Plant Science section; articles on forest insects in the Entomology section.

#### Fire

7016 \*BAVIER, B. Der waldbrand am Calanda im August/September 1943. Schweiz. Z. f. Forstw. 95: 291-298. Oct. 1944. 99.8 Sch9

7017 GREGG, E. E. Suggestion for forest fire suppression. (Abridgment.) Pulp and Paper Mag. Canada 46: 543, 545. June 1945. 302.8 P96

7018 MAIN, R. The forest's appeal [for protection from fire]. Brit. Columbia Lumberman 29(6): 116-116. June 1945. 99.81 B77

7019 MISSOURI. CONSERVATION COMMISSION. Forest fire control on private lands. Mo. Conserv. Comn. B. 4, 14 p. Jefferson City, 1944. 279.9 M69

7020 MOONEY, O. V. Mountain fires. Irish Forestry 2(1): 19-23. May 1945. 99.8 Ir4

7021 MULLINS, C. E. Official figures show fewer fires during spring. W. Va. Conserv. 9(3): 4, 18. June 1945. 279.8 W524

7022 \*PERRIG, K. A. Zum waldbrand im Riedernhorn- und Aletschgebiet. Schweiz. Z. f. Forstw. 95: 257-260. Sept. 1944. 99.8 Sch9

7023 ROWLAND, C. A., JR. Adapting Army equipment to forest-fire fighting. Mech. Engin. [New York] 67: 437-441. July 1945. 291.9 Am3J

7024 SAMPSON, E. S. Lookout! Appalachia (n. s.) 10: 396-400. June 1945. 500 Ap4

Experiences of a woman lookout in the White Mountain National Forest.

7025 \*WINKLER, O. Erfahrungen und lehren aus der waldbrandkatastrophe am Calanda bei Chur, August/September 1943. Schweiz. Z. f. Forstw. 95: 386-404. Dec. 1944. 99.8 Sch9

#### Meteorological Injuries

7026 \*ROSENFELD, W. Erforschung der bruchkatastrophen in den Ostschlesischen Beskiden in der zeit von 1875-1942. Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., 1944, No. 1, p. 1-31. Mar. 1944. 99.8 F775

#### SILVICULTURE

See Items 6306-6313

#### LUMBERING

7027 GUNDERSON, G. K. Western loggers and millmen in Burma. West Coast Lumberman 72(6): 84-86, 88. June 1945. 99.81 W52

Work of U. S. Army engineer forestry units.

7028 JOHNSON, D. West Coast lumber picture: nearly one-third of Nation's lumber comes from area now practicing conservation. Wood Construct. 31(12): 9. June 15, 1945. (Madison Sub-Branch Lib.)

7029 MOORE, S. S. 50 years a'lumbering; recollections and reminiscences of veteran Maritime lumberman [Charles H. Read]. Canada Lumberman 65(11): 15, 42. June 1, 1945. 99.81 C16

7030 PHILLIPS, E. Little known lumber fronts. Timberman 46(8): 52-53, 76, 78. June 1945. 99.81 T484

Work of the 800th Forestry Engineer Company, chiefly in Italy.

#### Equipment

7031 DEAS, S. P. Power saws in southern woods. South. Power and Indus. 63(7): 66-67. July 1945. 291.8 So8

7032 PLACE, H. M. Tires and timber. Timberman 46(8): 82, 84, 86. June 1945. 99.81 T484

Tires for logging trucks.

#### Logging

7033 CORKUM, B. War in the woods. Natl. Safety News 51(6): 14-15, 60, 62, 64. June 1945. 449.8 N212

Safety program of Brown Company Woods Department.

7034 GRANTHAM, J. B. Recovery of forest waste. Timberman 46(8): 56-58, 80. (To be cont.) June 1945. 99.81 T484

7035 HARRISON, F. A. A cooperative logging camp in Quebec. Forestry Chron. 21: 137-138. June 1945. 99.8 F7623

7036 STOVALL, C. Raising a spar tree. Timberman 46(8): 100. June 1945. 99.81 T484

#### Lumber Industry

7037 GLASS, J. O. Industrial lumber market lumber buyers need long experience, unless given necessary assistance and aids by dealers. Wood Construct. 31(12): 10. June 15, 1945. (Madison Sub-Branch Lib.)



Sawmills

- 7038 SALONEN, V. Suggests method of reducing waste in sawing lumber. West Coast Lumberman 72(6): 63-64. June 1945. 99.81 W52

WOOD TECHNOLOGY

- 7039 HESS, R. W. The Yale collection of woods. Yale U. School Forestry. Trop. Woods, No. 82, p. 14-17. June 1, 1945. 99.08 YLTr

Chemical and Physical Properties

- 7040 BURNETT, R. S., and MERRIFIELD, A. L. Controlling moisture content in wood and glued test samples; inexpensive means developed for block and shear-test samples used to evaluate water-resistant glues. Mech. Engin. [New York] 67: 475-476. July 1945. 291.9 Am3J
- 7041 \*D. F. Essais de poteaux en bois pour lignes électriques. Génie Civil 116: 391-393. June 22/29, 1940. 290.8 G29
- 7042 LEWIS, H. F. Lignin - an economic liability or a chemical asset. Chem. and Engin. News 23: 1074-1080. June 25, 1945. 331 J825N
- 7043 THOMAS, B. B. The isolation and analysis of hemicellulose fractions from aspen holocellulose. Paper Indus. and Paper World 27: 374-378, 382. June 1945. 302.8 P1923
- 7044 WASLEY, W. L. The wetting of wood in various liquids and its relation to adhesion. Wood Prod. 50(6): 22, 24, 26. June 1945. 99.82 V856

Preservative Treatment

- 7045 BURNER, J. C. Treated fence posts last longer. Oreg. Farmer 68: 303. June 7, 1945. 6 Or32
- 7046 WHITNEY, D. J. Common woods for fence posts. Calif. Cult. 92: 305, 325. June 9, 1945. 6 C12
- Suitable varieties and methods of treating.
- 7047 YOUNG, R. S., and PINKNEY, E. T. Determination of sodium fluosilicate in timber preserving solutions. So. African Chem. Inst. J. 28: 10-11. Jan. 1945. 385 So84

FOREST PRODUCTS

- 7048 ARIES, R. S. Science expands uses for forest products; waste products supply vast sources of important raw material. Timber Topics 8(1): 1, 2, 4. May/June 1945. 99.81 T486
- 7049 COMPTON, W. The South has a third major crop. South. Lumber J. 49(6): 30. June 1945. 99.81 So8
- Possibilities for increased utilization of wood. Also in Paper Mill News 24(68): 160, 162. June 16, 1945. 302.8 P195
- 7050 HEERMANCE, E. L. Realizing on New England's forest resources. Chemurg. Digest 4: 196. June 15, 1945. 381 N213Na
- Aims of the Northeastern Wood Utilization Council.
- 7051 PERRY, T. A. Adhesives for wood. Plastics [Chicago] 3(1): 38-40, 42, 149-150. July 1945. 309.8 P696
- 7052 PHILLIPS, F. T. The post-war millwork mind. Wood Prod. 50(6): 28, 30. June 1945. 99.92 V856
- 7053 SIMPKINS, L. G. Plastics and the wood-working industry. Inst. Plastics Indus. Trans. 1944: 222-225. 309.9 In72
- 7054 SNOW, C. F. F. Home-grown telegraph poles. Country Life [London] 97: 864-865. May 18, 1945. 80 C83
- 7055 TROWBRIDGE, T. Use of modern coated abrasives in woodworking industries. Mech. Engin. [New York] 67: 387-391. June 1945. 291.9 Am3J
- 7056 WIDIC, F. J. Wood goes to war. Wood Working Digest 47(6): 27-28, 30, 32, 34, 36, 38, 40, 42. June 1945. (Madison Sub-Branch Libr.)
- Use of wood in aircraft.

- 7057 WILSON, S. F. Mining timber in use. Wood 10: 115-119. May 1945. 99.82 W855
- 7058 WILSON, S. E. Mining timbers, supply and demand. Wood 10: 136-138. June 1945. 99.82 W855

Barrels, Boxes, and Crates

- 7059 HARDY, W. L., and BRINSON, C. F. X-able box highlights packing list. Plane Facts 3(7): 7-9. July 1945. (Madison Sub-Branch Libr.)
- Interchangeable wooden boxes for overseas shipment of Army communications materiel.
- 7060 PLASTICS in cooperage; successful experiment provides new and promising post-war application. Brit. Plastics 17: 264-266. June 1945. 309.8 B76

Charcoal

- 7061 INGOLS, H. A. Carbon from pine mill waste. Farm and Ranch 64(6): 13. June 1945. 6 T31
- 7062 RUBBO, R., and MILANS, J. La fabricación de carbón de leña en hornos abiertos. Uruguay. Min. de Canad. y Agr. B. Inform. 2: 157. (Concl.) Mar. 22, 1945. 9.9 G15B

Naval Stores

- 7063 FORS, A. J. Aprovechamiento de la resina del pino. Cuba. Min de Agr. Rev. 28(1): 86-87. Jan./Mar. 1945. 8 Ag88Re
- 7064 MCCULLEY, R. D. Which trees should we cup? AT-FA J. 7(9): 15. June 1945. 309.8 Am3
- 7065 OSTROM, C. E. Gum yields affected by quantity of acid applied to streak. AT-FA J. 7(9): 6-7. June 1945. 309.8 Am3
- 7066 RANKIN, K. L. Greek "naval stores" - during enemy regime; ruthless German and Italian operations resulted in loss and damage to this industry. Foreign Com. Weekly 19(11): 6-7. June 9, 1945. 157.54 F763
- Based on report from commercial attaché.
- 7067 \*WIENHAUS, H. Untersuchungen an terpeninen und holzextrakten unserer nadelbäume. (Abs.) Forstwiss. Centbl. u. Tharandter Forst. Jahrb., 1944, No. 1, p. 35-37. Mar. 1944. 99.8 F775

Plastics

- 7068 BAKER, D. H. Improved woods by use of synthetic resins. Pacific Plastics 3 (6): 34. June 1945. 309.8 P12
- 7069 JACKSON, D. T. Some applications of pulp and paper in the plastics industry. Paper Trade J. 120(TAPPI Sect.): 257-262. June 28, 1945. 302.8 P196
- 7070 MOSHER, R. H. Pulp-synthetic resin combination products. II. Paper-base laminates and saturated papers. Paper Mill News 68(26): 16, 18, 20, 22. July 7, 1945. 302.8 P195
- 7071 SCHWARTZ, S. L., PEW, J. C., and MEYER, H. R. Pulp for pulp-reinforced plastics. (Abridgment.) Paper Indus. and Paper World 27: 446, 448. June 1945. 302.8 P1923

Pulp and Paper

- 7072 BARKER, H. T. The development of weather-proof solid fiber board. (Abridgment.) Paper Indus. and Paper World 27: 442, 444, 446. June 1945. 302.8 P1923
- 7073 BETTENDORF, H. J. Paperboard and paperboard boxes - a history. Fibre Containers 30(5): 18, 20, 25-26, 30, 32, 37-38, 40; (6): 30, 35-36, 38, 40. (To be cont.) May, June 1945. 286.8 F44
- 7074 GOODWILL, F. C. Bleaching of mechanical pulp with sodium peroxide - plant operation and use of pulp. Paper Mill News 68(25): 18. June 23, 1945. 302.8 P195
- 7075 THE GREATER use of poplar [for pulp]. Paper Mill News 68(26): 12, 14, 25. June 30, 1945. 302.8 P195
- Report of round table discussion led by H. P. Baldwin.



7076 HEPTING, G. H. Decay and staining of southern pine pulpwood. Paper Indus. and Paper World 27: 379-382. June 1945. 302.8 P1923

Effects of decay and blue stain on character of pulp and recommended practices to reduce losses.

7077 HILL, E. H. Alkaline pulping with and without pump circulation. (Abridgment.) Paper Indus. and Paper World 27: 448, 450. June 1945. 302.8 P1923

7078 KEMMERER, B. Pulp data gathered in forest inventory. Ed. & Pub. 78(28): 44. July 7, 1945. 238.28 Ed4

7079 MAGILL, D. G. Fiber cans and containers for post-war. Paper Trade J. 120(TAPPI Sect.): 263-265. June 28, 1945. 302.8 P196

7080 NORRIS, F. H. Paper and paper making. Chapter VII. Mechanical wood pulp. World's Paper Trade Rev. 123: 1383-1384, 1388. June 15, 1945. 302.8 W89

7081 RITTER, G. A. The defibrator-chemipulper; further progress in the manufacture of semi-chemical pulps for paper and paperboard. Pulp and Paper Mag. Canada 46: 528-532. June 1945. 302.8 P96

7082 SHALLCROSS, R. WPB programming of pulp, paper. Paper Mill News 68(26): 10-11. June 30, 1945. 302.8 P195

7083 SIMMONS, R. H. Paper testing and printing. Paper Trade J. 120 (TAPPI Sect.): 235-238. June 14, 1945. 302.8 P196

7084 WELLS, S. D. The use of sulphur in various forms in the manufacture of paper pulp. Pulp and Paper Mag. Canada 46: 533-537. June 1945. 302.8 P96

#### Tanning Materials

7085 \*HUBER, B. Die deckung des gerbstoffbedarfes im kriege. (Abs.) Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., 1944, No. 1, p. 40-43. Mar. 1944. 99.8 F775

7086 PITTAM, W. The extraction of tannin from waste western hemlock bark. Paper Trade J. 120 (TAPPI Sect.): 240-244. June 14, 1945. 302.8 P196

#### Veneers and Plywood

7087 BOOTH, F. L. Manufacturing curved veneered products. Veneers and Plywood 39(6): 10, 12, 14, 16. June 1945. 99.82 V55

7088 CARLE, A. B. Factors which affect plywood quality. Veneers and Plywood 39(6): 26, 28. June 1945. 99.82 V55

7089 HYLER, J. E. Producing figured veneer. Veneers and Plywood 39(6): 18, 20. June 1945. 99.82 V55

7090 MOSHER, F. D. Industrial plywood, its use and its future. Purchasing 18(3): 85-86, 320. Mar. 1945. 280.8 P972

7091 SLIFKO, C. W. Veneer and plywood in greater demand. Wood Prod. 50 (6): 38, 40, 42, 44. June 1945. 99.82 V856

7092 WESTERBROOK, F. A. Specific uses of phenolic and urea resin adhesives. Wood Working Digest 47(6): 47-48, 50, 52, 54, 56, 58, 62. June 1945. (Madison Sub-Branch Lib.)

Adhesives for use in plywood and the wood-working industry.

7093 WILKINS, W. B. Molding by low pressure. Plastics [Chicago] 3(1): 102, 104, 106, 146-148. July 1945. 309.8 P696

#### Wood as Fuel

7094 \*B., C. Les carburants de remplacement nationaux: bois, charbon de bois, carbonite, tourbe. Génie Civil 116: 50-51. Jan. 20, 1940. 290.8 G29

7095 SCHAPHORST, W. F. The value of scrap wood for fuel. Crown 34(6): 23, 25. June 1945. 389.8 C88

7096 TELFORD, C. J. Some practical pointers on burning sawmill waste material. South. Lumber J. 49(6): 54. June 1945. 99.81 So8

#### MISCELLANEOUS

7097 CONNECTICUT FOREST AND PARK ASSOCIATION. Town forests. Conn. Forest and Park Assoc. P. 44, 15 p. New Haven, 1945. 99.9 C76Pu

7098 ELLSWORTH, H. Need of forest research. West Coast Lumberman 72(6): 92, 94. June 1945. 99.81 W52

7099 PÉREZ ARBELAEZ, E. Mas sobre bosques nacionales. Vida Rural 6(69): 5. Apr. 1945. 9.4 V66

#### Engineering

7100 \*HESS, E. Generelle wegnetze. (Abs.) Schweiz. Z. f. Forstw. 96: 110-122. May/June 1945. 99.8 Sch9

Discussion on planning forest roads in Switzerland. 7101 \*KNUCHEL, H. Über bestandeskarten und bestandsprofile. Schweiz. Z. f. Forstw. 95: 373-383. Nov. 1944. 99.3 Sch9

7102 \*KREBS, E. Grundsätzliches zum waldstrassenbau. Schweiz. Z. f. Forstw. 95: 312-319. Oct. 1944. 99.8 Sch9

7103 PARSONS, H. H. Mapping and identifying timber stands by aerial observation. Canada Lumberman 65(12): 16-18. June 15, 1945. 99.81 C16

7104 \*SCHMUZIGER, H. Entwicklung des strassen-netzes in den waldungen der ortsgemeinden von Oberriet. Schweiz. Z. f. Forstw. 95: 232-237. July/Aug. 1944. 99.8 Sch9

#### Forest Influences

7105 HARBORD, E. Trees make farming possible. Young Farmer 13: 56-58. May/June 1945. 10 Y8  
Indirect contributions of forests.

#### ANIMAL INDUSTRY

##### BREEDS AND BREEDING

7106 \*GÖTZE, R. Über die zukunft der künstlichen besamung der haustiere werden taten entscheiden - nicht worte. Deut. Tierärztl. Wchnschr. 51: 49-52. Jan. 30, 1943. 41.8 D482

7107 HUGHES, E. H. Sires of known ancestry. Pacific Rural Press, South. Ed. 149: 394. June 9, 1945. 6 P112A

Also in West. Livestock J. 23(38): 58. June 15, 1945 (6 F2278) with title: Purebred sires.

7108 HULTZ, F. S. Lessons in animal breeding. I. The determiners of heredity. Sheep and Goat Raiser 25(9): 17, 56. (To be cont.) June 1945. 45.8 Sh3

This magazine is "re-running these articles."

7109 NESS, A. R. The application of the principles of heredity to the improvement of our pure bred live stock. Macdonald Col. J. 5(9): 13-15. May 1945. 101 M144

7110 POWDER, H. C. Breeding animals cannot transmit qualities they do not have; like begets like. Ranchman 5(2): 20. June 1945. 49 R15

#### FEEDS AND FEEDING

7111 \*A. Von der gesundheit unserer tiere. Schweiz. Milchztg. 71: 30. Jan. 26, 1945. 44.8 Sch92

The need for vitamin D.

7112 \*AXELSSON, J. Kvaliteten hos 1944 års höskörd. The quality of the hay crop of 1944. Lantmannen 29: 301-303. Mar. 31, 1945. 11 L234  
In Sweden.

7113 BOHSTEDT, G. Brown hay. Hoard's Dairyman 90: 374. July 10, 1945. 44.8 H65

Nutritive value.

7114 BOTHA, J. P. Utilization of surplus grass. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 5, 2 p. Pretoria, 1944. 24 So82Pa  
Veld grass for hay and compost.



## VETERINARY MEDICINE

- 7115 CLIFFE, A. E. The scientific feeding of animals. Milling and Feed 26(5): 8-9. May 1945. 298.8 C162
- 7116 CRAMPTON, E. W. Animal nutrition - a challenge to the food chemist. Amer. Assoc. Cereal Chem. Trans. 3: 147-157. May 1945. Ref. 59.9 Am3T
- 7117 EUDALY, E. R. Cotton meal holds the key to livestock feeding. Cotton Res. Cong. Proc. (1944) 5: 101-103. 72.9 C825
- 7118 HAYDEN, C. C., and others. Molasses treatment for meadow-crop silage. Ohio Agr. Expt. Sta. Bimo. B. 30: 102-108. May/June 1945. 100 Oh3S  
A. E. Perkins, C. F. Monroe, W. E. Krauss, C. E. Knoop, and R. G. Washburn, joint authors.
- 7119 HEWITT, A. C. T. Weeping willows [Salix babylonica] for shade - feed - timber. Victoria. Dept. Agr. J. 43: 155-156. Apr. 1945. 23 V66J  
Deals chiefly with value of willow leaves and twigs as feed for stock.
- 7120 JOHNSTON, J. B. Nutritional factors in livestock feeding. South. Stockman 5(7): 44, 47. (To be cont.) July 1945. 49 So33
- 7121 KELLY, J. T. Water requirements of farm animals. Victoria. Dept. Agr. J. 43: 158-159. Apr. 1945. 23 V66J
- 7122 \*KOEESTLER, G. Einiges über nähr- und futterhefe. Schweiz. Milchztg. 71: 35-36. Jan. 30, 1945. 44.8 Sch92
- 7123 MCCONNELL, O. E. Old West lives again in LU projects. Soil Conserv. 10: 264-267. June 1945. 1.6 So3S  
Common grazing areas.
- 7124 MONROE, C. F., and others. Phosphoric-acid treatment for meadow-crop silages. Ohio Agr. Expt. Sta. Bimo. B. 30: 96-102. May/June 1945. 100 Oh3S  
C. C. Hayden, A. E. Perkins, W. E. Krauss, C. E. Knoop, and R. G. Washburn, joint authors.  
Includes feeding trials.
- 7125 MURRAY, J. Feeding value declines if hay crop grows too mature. Farm and Ranch Rev. 41(6): 5, 19. June 1945. 7 F223
- 7126 PERKINS, A. E., and others. The relation of dry matter to quality in meadow-crop silage. Ohio Agr. Expt. Sta. Bimo. B. 30: 108-114. May/June 1945. 100 Oh3S  
C. C. Hayden, C. F. Monroe, W. E. Krauss, and R. G. Washburn, joint authors.  
Includes five analytical tables.
- 7127 RUSSELL, F. C. "Trace" elements and animal health. Past. Rev. 55: 350-351. May 16, 1945. 23 Au75
- 7128 SARVIS, J. T. Make hay while the protein is high! Dakota Farmer 65(11): 1, 6-7, 9. June 9, 1945. 6 DL4
- 7129 SUPPLEE, G. C., and others. The varying requirement for choline for normal metabolism of proteins (casein, lactalbumin, and soy protein) with particular reference to the hepaticorenal syndrome. J. Dairy Sci. 28: 435-453. June 1945. 44.8 J822  
L. S. Gall, J. F. Gaul, L. C. Babcock, and E. G. Nohle, joint authors.
- 7130 \*TASSI, L. Critiche e proposte alle attuali disposizioni legislative sul sangue alimentare. Azione Vet. 12: 88-90. Apr. 1943. 41.8 Az3
- 7131 TUSTIN, E. B. Salt in wartime feeding of livestock. New England Homestead 118(12): 5. June 23, 1945. 6 N442
- 7132 TUSTIN, E. B., JR. Salting grass silage. Country Book Mag. 5(1): 62-65. Summer 1945. 6 C836
- 7133 VAN RENSBURG, J. A. Nutrition in animal husbandry. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 71, 2 p. Pretoria, 1944. 24 So82Pa
- 7134 WOODWARD, T. E. Keeping silage. Hoard's Dairyman 90: 367. July 10, 1945. 44.8 H65  
Preparation.
- 7135 \*BESANA, A. La radiestesias in veterinaria (radio-attività nel campo veterinario-zootecnico). Azione Vet. 10: 42-47. Jan. 30, 1941. 41.8 Az3
- 7136 BRYCE, D. Penicillin. Calif. Dairyman 25(9): 12, 14. June 9, 1945. 44.8 C12  
Veticillin (veterinary penicillin).
- 7137 BYRD, H. C. The Maryland plan of veterinary service. Amer. Vet. Med. Assoc. J. 107: 1-2. July 1945. 41.8 Am3
- 7138 CENTRAL VETERINARY SOCIETY. Sulphonamides in general veterinary practice. Vet. Rec. 57: 245-248. (Concl. 7) May 26, 1945. 41.8 V641
- 7139 CHAMBERLAIN, W. E. Tetanus. Tasmanian Farmer 8(5): 12. Feb. 1945. 23 T186
- 7140 \*DAS, N. B. Immunity against disease. Indian Farming 5: 467-469. Oct. 1944. 22 In283
- 7141 DAVIDSON, W. B. Nutritional deficiency diseases, their sources and effects. Canad. J. Compar. Med. 9: 155-162. June 1945. 41.8 C162
- 7142 DE ROPP, R. S. Comparison of the immunising value in guinea-pigs of living avirulent Brucella abortus vaccines, strains 45(20) and s. 19. J. Compar. Path. and Ther. 55: 70-84. Jan. 1945. 41.8 J82
- 7143 DE ROPP, R. S. The propagation of Brucella abortus in the mouse. J. Compar. Path. and Ther. 55: 85-92. Jan. 1945. 41.8 J82  
Includes evaluation of mice for purpose of comparing degree of virulence of different strains.
- 7144 FETHERS, G. Immunisation of animals against diseases. Past. Rev. 55: 236-247. (To be cont.) May 16, 1945. 23 Au75
- 7145 FIELD, H. I., and SMITH, H. W. The coagulase test for staphylococci. J. Compar. Path. and Ther. 55: 63-69. Jan. 1945. 41.8 J82
- 7146 GENTRY, R. F. Small animal euthanasia. Vet. Med. 40: 248-249. July 1945. 41.8 M69
- 7147 GORRIE, C. J. R. Human cases of anthrax show necessity for vigilance in Australia. Stock and Land 35(15): 3. Apr. 11, 1945. 49 St63
- 7148 GREAT BRITAIN. MINISTRY OF AGRICULTURE AND FISHERIES. Anthrax. Gt. Brit. Min. Agr. and Fisheries. Advisory Leaflet 74, 2 p. London, 1945. 10 G79La
- 7149 GREEN, D. F. Some newer chemotherapeutic agents. North Amer. Vet. 26: 407-414. July 1945. Ref. 41.8 N812  
Includes discussion of penicillin and DDT.
- 7150 HABERMANN, R. T. Weekly "salting" with phenothiazine to control parasites. Vet. Med. 40: 231-234. July 1945. 41.8 M69
- 7151 KIRK, H. The use and misuse of sulphonamides. Vet. Rec. 57: 245. May 26, 1945. 41.8 V641
- 7152 \*KOSENKO, M. Zameniteli biopreparatov [Substitutes for biochemical preparations]. Sovkhoz. Proizvod. 4(10/11): 14-15. Oct./Nov. 1944. 20 So85
- 7153 \*LIGURE, S. M. "Lisicerina" nella disinfezione aftosa. Azione Vet. 12: 54. Feb. 1943. 41.8 Az3
- 7154 \*MANZI, E. La cura dell'actinomicosi coi sulfamidici. Azione Vet. 12: 187-188. June 1943. 41.8 Az3
- 7155 \*MATHESON, D. C. An analysis of records of cases and case-material submitted for laboratory examination from January, 1914, to December, 1939. Indian Vet. J. 21: 293-302. Mar. 1945. 41.8 In2  
Records at the Royal (Dick) Veterinary College, Edinburgh.
- 7156 MAYO, N. S. Reminiscences. V. Vet. Med. 40: 224-225. July 1945. 41.8 M69  
Nelson S. Mayo's recollections of his veterinary practice and veterinarians he has known.
- 7157 \*OJEMANN, J. G. Die Chinureuminfiltrationstherapie der Lahmheiten. Deut. Tierärztl. Wchnschr. 51: 11-13. Jan. 2, 1945. 41.8 D482  
Quinine and urea hydrochloride.



- 7158 \*OPPERMANN, T. Der wert des tierversuches für die diagnose der ansteckenden blutarmut der einbufer. Deut. Tierärztl. Wchnschr. 51: 21-26. Jan. 16, 1943. 41.8 D482
- 7159 \*ORLOV, E. S. Kitogam konferentsii po brutsellëzu [Concerning the results of the conference on brucellosis]. Veterinariia 21(1): 8-11. Jan. 1944. 41.8 V6426
- Vsesoiuznaia Konferentsiia po Brutsellëzu Sel'sko-khoziaistvennykh Zhivotnykh held Dec. 7-10, 1943.
- 7160 \*PLIASHKEVICH, A. I. O rabote zoovetseti Gorokhovetskogo raiona, Ivanovskoi oblasti [Concerning the work of the veterinary service of the Gorokhovets district of the Ivanov region]. Veterinariia 21(1): 5. Jan. 1944. 41.8 V6426
- 7161 QUIN, A. H. Rabies on the rampage. Successful Farming 43(7): 23, 62-63. July 1945. 6 Jul2
- 7162 \*RAY, H. N. Protozoa affecting the health of domesticated animals in India. Sci. and Cult. 10(10, sup.): 1-2. Apr. 1945. 475 Sci24
- 7163 RISER, W. H. Penicillin in veterinary medicine. North Amer. Vet. 26: 415-418, 424. July 1945. 41.8 N812
- 7164 \*SARWAR, M. M. Some observations on Strongyloides papillosus from Indian ruminants. Indian Vet. J. 21: 318-320. Mar. 1945. 41.8 In2
- 7165 \*SEBELIUS, H., and NYSTROM, A. G. Skadliga bestandsdelar i fodermiddel [Noxious ingredients in feed]. Lantmannen 29: 388-389. Apr. 28, 1945. 11 L234
- 7166 \*SEELEMAN, Die chemotherapeutische wirkung von Eubasinum, Globucid, Tibatin und Pyrimin bei verschiedenen streptokokkeninfektionen im tierexperiment. Deut. Tierärztl. Wchnschr. 51: 41-45. Jan. 30, 1943. 41.8 D482
- 7167 \*SICHIVAYA. Zoovetrabotniki Gurdzhaanskogo raiona, Gruzinskoi SSR, v bor'be za zdorovoe stado. Veterinariia 21(1): 4. Jan. 1944. 41.8 V6426
- Discusses the veterinary workers' responsibilities for the efficient care and sanitation of livestock in the kolkhoz, Bakradze, in Georgian S. S. R.
- 7168 SINGH, R. K. Cutaneous filariasis. Roy. Army Vet. Corps. J. 16: 193-194. May 1945. 41.8 G79
- 7169 SMITH, H. C., and HOWELL, D. E. Blood transfusion as a treatment for anaplasmosis. Vet. Med. 40: 228-230. July 1945. 41.8 M69
- 7170 \*SOTNIKOV, E. A. Bolezn' Aueski [Aujeszky's disease]. Veterinariia 21(1): 26-27. Jan. 1944. 41.8 V6426
- 7171 \*SPITSYN, N. A. Poluchenie protivosibirskoi zavernoii syvorotki ot loshadei i baranov metodom giperimmunizatsii sibirskimi vaktsinnymi shtammami "STI" [Obtaining antimalignant anthrax serum from horses and rams by the method of hyperimmunization with anthrax vaccines of "STI"]. Veterinariia 21(1): 22-24. Jan. 1944. 41.8 V6426
- 7172 \*SPORRI, H. Physiologische wirkungen der weiblichen sexualhormone. Schweiz. Arch. f. Tierheilk. 86: 449-462, 499-508. Nov., Dec. 1944. Ref. 41.8 Sch9
- 7173 SUPPLEE, G. C., and others. A comparison of choline, betaine and dimethylaminoethanol in the prevention of the hepato-renal syndrome. J. Dairy Sci. 28: 455-465. June 1945. 44.8 J822
- J. F. Caul, L. S. Gall, E. A. Prill, L. C. Babcock, and E. G. Nohle, joint authors.
- 7174 \*TRAUTMANN, A. Über die motorik des dickdarmes bei haussäugetieren. Deut. Tierärztl. Wchnschr. 51: 87-89. Feb. 27, 1943. 41.8 D482
- 7175 \*ULENDEEV, A. I. Kak zoovetrabotniki Ial'chikovskogo raiona, Chuvashskoi ASSR, boritsia za sokhranenie skota [How the veterinary workers of the Ial'chikov region, Chuvash ASSR, are struggling for the preservation of livestock]. Veterinariia 21(1): 6. Jan. 1944. 41.8 V6426
- 7176 WAGNON, K. A., and HART, G. H. Durango root (Datisca glomerata) poisoning of range stock. Amer. Vet. Med. Assoc. J. 107: 3-5. July 1945. 41.8 Am3

- 7177 \*WIRTH, D. Spirochätenartige gebilde im blut. Deut. Tierärztl. Wchnschr. 51: 135. Mar. 27, 1943. 41.8 D482
- 7178 \*WITTE, J. Spirochätenartige gebilde im blut von gesundem und krankem geflügel sowie anderer tierarten. Deut. Tierärztl. Wchnschr. 51: 45-46. Jan. 30, 1943. 41.8 D482
- 7179 \*WYSSMANN, E. Rückblick auf vergiftungsfälle bei tieren. Schweiz. Arch. f. Tierheilk. 87: 142-154, 222-233. Apr., June 1945. Ref. 41.8 Sch9

## MISCELLANEOUS

- 7180 ELLIS, J. W. Missouri's improvement program. Milking Shorthorn J. 26(5, 1. e. 6): 31. June 1945. 43.8 M59
- Concerns registered livestock shows and sales.
- 7181 FLOWERS, P. Most Southern colleges offer courses in animal husbandry. South. Stockman 5(7): 14-15. July 1945. 49 So83
- 7182 FUGATE, R. Hints on coyote trapping. Pacific Coop. Wool Grower, No. 144, 1. e. 145, p. 4. June 1945. 45.8 P11
- 7183 FULLER, J. G. About animal husbandry. Wis. Country Mag. 38(5): 5, 28. Feb. 1945. 276.8 St9
- 7184 GAY, C. W. Importance of being a good judge. Shorthorn World 30(6): 10-11. May 25, 1945. 43.8 Sh8
- 7185 GLEWEN, L. E., and MARTH, E. H. Little International; past and present. Wis. Country Mag. 38(5): 11. Feb. 1945. 276.8 St9
- 7186 HARRIS, L. D. The beautiful little pests. Amer. Cattle Prod. 27(1): 22. June 1945. 49 P94
- Magpies as predators.
- 7187 \*KETZ. Ein beitrag zur erfassung von tierquälereien bei der schlachtviehbeförderung. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 32-33. Apr. 24, 1943. 41.8 D482
- 7188 LONGSDORF, H. E. Report of predator control program in Burlington County (N. J.). Amer. Field 143: 507. June 30, 1945. 41.0 Am3
- 7189 \*MULLER, J. Ein streifzug durch ehemals polnische und sowjetrussische schlachthofanlagen. Deut. Tierärztl. Wchnschr. 51: 19-20, 98-99, 141. Jan. 2, Feb. 27, Mar. 27, 1943. 41.8 D482
- 7190 PHILLIPS, R. W., JOHNSON, R. G., and MOYER, R. T. The livestock of China. U. S. Dept. State. P. 2249 (Far East. Ser. 9), 174 p. Washington, 1945. Ref. 150.1 L75
- 7191 \*PILLAY, M. V. South Indian slaughter houses and their present condition. Indian Vet. J. 21: 373-376. Mar. 1945. 41.8 In2
- 7192 \*ROMANELLI, V. Il consorzio per la tutela sanitaria del bestiame nella Provincia di Cueno. Azione Vet. 12: 161-174. June 1943. 41.8 Az3
- Livestock sanitation service in Cueno Province, Italy.
- 7193 \*VEERARAGHAVAN, D. Livestock improvement and the Government of India Plan. Indian Vet. J. 21: 302-309. (To be cont.) Mar. 1945. 41.8 In2
- Formulated by "a special committee convened under the Indian Economical Agricultural Research."

## CATTLE

## Breeds and Breeding

- 7194 \*ANDRES, J. Alte und neue erkenntnisse über die unfruchtbarkeit des weiblichen rindes. Schweiz. Arch. f. Tierheilk. 87: 1-14. Jan. 1945. 41.8 Sch9
- 7195 \*ANTONIUS, O. Beobachtungen an rindern in Schönbrunn. V. Über Zebus. Zool. Gart. (n. s.) 15: 185-213. 1944. 41.0 Z724
- 7196 BERTHAUME, J. An outstanding record. Canad. Ayrshire Rev. 26: 76-77. June 1945. 43.8 Ay72
- 7197 BLACKMAN, C. L. Breeding co-ops build better dairy herds. Ohio Farm Bur. News 24(11): 14, 36. June 1945. 6 Oh34
- Concerning artificial insemination.



7198 BOWLING, G. A. An American tragedy, the college dairy herd. Jersey B. 64: 820, 854, 856-858. June 20, 1945. 43.8 J48

Discussion of maintenance of several breeds.

7199 BROWN, R. K. Quick and straight to the point; annual A[merican] J[ersey] C[attle] C[lub] meeting. Jersey B. 64: 816-818. June 20, 1945. 43.8 J48

Includes scale of points for classification of Jersey cows.

7200 COPELAND, L. The family cow [Jersey]. South. Agr. 75(7): 12. July 1945. 6 So83

7201 CRANWORTH, L. Advantages claimed for Red Polls; evolution of dual-purpose breed in Britain. Primary Prod. [Sydney] 22(22): 11. June 1, 1945. 23 P93

7202 CRAWFORD, F. W. The Ardgay Zaras and Montbletton Lady Idas. Aberdeen-Angus J. 26(11): 80-82. June 1945. 43.8 Ab3

7203 DAY, D. I. An ideal Indiana farm. Milk-ling Shorthorn J. 26(5, 1. e. 6): 30. June 1945. 43.8 M59

7204 DONALD, H. P., and EL ITRIBY, A. A. Herd size and its genetical significance in pedigree cattle breeding. J. Agr. Sci. [London] 35: 84-94. Apr. 1945. 10 J822

7205 DONALD, H. P. Strategy is lacking in [beef] cattle breeding. Country Life [Sydney] 56(40, Cattle sup.): 11. Apr. 20, 1945. 286.85 Sy2

7206 GARBRECHT, F. Apuntes geográficos de un normandista. Rev. Nac. de Agr. [Bogotá] 58(486): 19-20. Feb. 1945. 9.4 R32

Adaptation of livestock and its application to the Normandy cattle in Colombia.

7207 GARIS, E. DE. Fewer Guernsey young stock... conditions among the Island herds. Farmer & Stock-Breeder 59: 839. May 29, 1945. 10 F228

7208 GOETTLER, B. Seven bulls provide service for 8,000 cows. Prairie Farmer, Ill. Ed. 117(12): 24. June 9, 1945. 6 P883B

Artificial insemination cooperative.

7209 KNOX, R. G. What is the significance of 'family' classification in Shorthorn breeding. Shorthorn News 6(2): 7-8. June 1945. 43.8 Sh85

7210 LAING, J. A. Observations on the survival time of the spermatozoa in the genital tract of the cow and its relation to fertility. J. Agr. Sci. [London] 35: 72-83. Apr. 1945. 10 J822

7211 LAING, J. A. Some factors in the aetiology and diagnosis of bovine infertility. Vet. Rec. 57: 275-279. June 9, 1945. 41.8 V641

Discussion, p. 279-280.

7212 MINTER, C. British [beef cattle] breeders never wavered. Country Life [Sydney] 56(40, Cattle sup.): 26. Apr. 20, 1945. 286.85 Sy2

7213 MONTGOMERY, J. T. The livestock breeding program. U. S. Off. Indian Aff. Indians at Work 13(1): 11-14. May/June 1945. 156.5 In23

Discusses mainly cattle.

7214 MORRISON, S. R. Impartial discussion of the trend to hornless cattle. Plantation Stockman 2(10): 10, 20. June 1945. 49 P69

Mainly concerns Polled Hereford.

7215 OLMSTEAD, R. H. Artificial breeding. Flour & Feed 46(1): 32. June 1945. 298.8 F66

Establishment of cooperatives for breeding dairy cattle.

7216 ORTEGA, P. M. La raza de ganado normando es un legítimo orgullo del país. Rev. Nac. de Agr. [Bogotá] 58(485): 15-17, 21. Jan. 1945. 9.4 R32

7217 RICE, V. A. The science of breeding; selection of dairy cattle. South. Stockman 5(7): 24, 26-29. July 1945. 49 So83

7218 RICHARDSON, T. C. Swisher sets the pace. Farmer-Stockman 58: 198-199. June 1945. 6 Ok45

Jersey cattle in Swisher Co., Tex.

7219 SALISBURY, G. W. Brown Swiss bulls selected. Brown Swiss B. 23(12): 11-12. June 1945. 42.8 B81

Exportation to Greece to improve dairy cattle.

7220 SCHNEIDER, G. The Ayrshire breed of dairy cattle. Ranchman 5(2): 34. June 1945. 49 R15

7221 SHEPHERD, T. L. Herefords and the post-war world. Canad. Hereford Digest 3(2): 20, 35. June 1945. 43.8 C164

7222 WATSON, S. Britain contributes six great breeds to world herds. Farmer and Settler 40(13): 6. Apr. 27, 1945. 23 F226

7223 ZANDERS, J. Fecundación artificial aplicada a los bovinos. Ecuador. Primera Zona. Cám. de Agr. Rev. 7: 179-184. (To be cont.) Mar. 1945. 9.5 Ec96

#### Feeds and Feeding

7224 BOHSTEDT, G. Grain on pasture. Hoard's Dairyman 90: 329. June 10, 1945. 44.8 H65

7225 CONNELL, W. E., and others. Potatoes for cattle fattening. Flour & Feed 46(1): 34. June 1945. 298.8 F66

L. E. Washburn, R. C. Tom, E. M. Mervine, and J. T. Strate, joint authors.

7226 \*DHARMANI, L. C. Fuzzy American cotton seed as a safe cattle feed. Indian Farming 5: 459. Oct. 1944. 22 In283

7227 DOOLIN, R. J. Grain feeding of beef cattle; trials at Myall Downs [Station, North Star, N. S. W.]. Country Life [Sydney] 56(40, Cattle sup.): 30. Apr. 20, 1945. 286.85 Sy2

7228 HODGSON, R. E., and DAHLBERG, A. C. Important estudio sobre el problema de los pastos en Costa Rica; capítulo de la industria lechera de Costa Rica. Rev. de Agr. [Costa Rica] 17: 203, 205-206, 208-210. May 1945. 8 Es1

7229 \*HOSTETTLER, H. Der einfluss der silage-fütterung auf die beschaffenheit der milch. (Abs.) Schweiz. Chem. Ztg. 28: 76. Feb. 20, 1945. 385 T22

7230 HUFFMAN, C. F. Nutritive value of roughage for dairy cattle. (Abs.) Milk Dealer 34(9): 130. June 1945. 44.8 M595

7231 KAUFMANN, O. W., and SHAW, J. C. The use of simplified diets in the study of the fat metabolism of the mammary gland. J. Dairy Sci. 28: 467-472. June 1945. 44.8 J822

Study of carbohydrate in diets.

7232 KNOTT, C. B., and PETERSEN, W. E. Studies of the carbohydrate metabolism of mammary gland tissue in vitro. I. Production and utilization of various carbohydrate substances. J. Dairy Sci. 28: 415-429. June 1945. Ref. 44.8 J822

7233 \*KRUPSKI, A. Mangelerscheinungen des rindes auf unseren hochweiden. Schweiz. Arch. f. Tierheilk. 86: 509-513. Dec. 1944. 41.8 Sch9

Lack of phosphorus.

7234 \*LUTZ, J. Zweckmassige fütterung unter besonderer berucksichtigung der gesunderhaltung des rindviehes. Schweiz. Milchztg. 71: 40-41. Feb. 2, 1945. 44.8 Sch92

7235 MCPHAIL, M. C., and WATSON, W. P. Helpful hints on the feeding of dairy cattle during the pasture season. Ontario. Dept. Agr. Ext. C. 70, 8 p. Toronto, 1945. 275.29 On8

7236 MEANS, R. H. Urea added to sorghum silage increases value. Miss. Farm Res. [Miss. Sta.] 8(5): 7. May 1945. 100 M69M1

Beef cattle.

7237 MOORE, L. A., and COTTER, J. W. The relationship between a low carotene intake and urinary excretion of ascorbic acid in dairy cattle. J. Dairy Sci. 28: 495-506. June 1945. Ref. 44.8 J822

7238 SALT essential to cattle health. By "Gulkah." Past. Rev. 55: 348-349. May 16, 1945. 23 Au75

7239 TURK, K. L. Emergency feed crops. Dairy-men's League News 29(13): 6. June 19, 1945. 44.8 D1432

7240 VAN WYK, H. P. D., and VERBEEK, W. A. Wheat as grazing for fattening oxen. Farming in So. Africa 20: 235-238. Apr. 1945. 24 So842



7241 WOLBERG, F. B. Good roughages essential. Washcoegg 23(1): 4, 27. June 1945. 47.8 W27  
For high milk production.

#### Veterinary Medicine

7242 \*ALTARA, I. Sull'azione curativa degli estratti fetali nella ninfomania delle bovine. Azione Vet. 10: 15-17. Jan. 15, 1941. 41.8 Az3

7243 \*ANDRES. Durchführung und beurteilung der intrakutanen tuberkulinprobe im staatlichen verfahren zur bekämpfung der rindertuberkulose. Schweiz. Arch. f. Tierheilk. 87: 119-136. Apr. 1945. 41.8 Sch9

7244 \*ARKHANGEL'SKIĬ, I. I. Klinika i patologicheskaja anatomija diplokokkovoi infektsii u teliat [Clinical and pathological anatomy of diplococcal infection in calves]. Veterinarifa 21(1): 16-18. Jan. 1944. 41.8 V6426

7245 BAILEY, J. When invasion comes. Hoard's Dairyman 90: 319, 335. June 10, 1945. 44.8 H65  
Control of white scours.

7246 \*BRONNIMANN, R. Beitrag zur kenntnis der gasbranderkrankungen des rindes in der Schweiz. Schweiz. Arch. f. Tierheilk. 86: 403-421. Oct. 1944. 41.8 Sch9

7247 BRYAN, C. S. Comments on how to handle the mastitis problem. J. Milk Technol. 8: 157-161. May/June 1945. 44.8 J824

7248 BRYAN, C. S., CUNKELMAN, J. W., and YOUNG, F. W. Recent advances in mastitis control. Mich. Agr. Expt. Sta. Q. B. 27: 382-385. May 1945. 100 M585

7249 C., C. Rise and decline in the cow's milk yield. Farmers' Gaz. [Dublin] 103: 302-303. May 26, 1945. 10 F221

7250 CACERES Y MARTINEZ, A. R. Curso do ganado vacuno; principales enfermedades del ganado. IV-V. Fomento [monthly] 2(16): 15-16; (17): 11-12, 18. Feb., Mar. 1945. 8 F734

7251 CASTLE, C. V. Calf scours. Nulaid News 23(2): 11. May 1945. 47.8 N917

7252 CAVE, R. A. Controlling calf scours. Farmer [St. Paul], Dak. Ed. 63(8): 7. Apr. 21, 1945. 6 F2211D

7253 \*COHRS, P. Sektionsbefund und pathogenese der kohlanämie des rindes. Deut. Tierärztl. Wchnschr. 51: 67-69. Feb. 13, 1943. 41.8 D482

7254 CONN, G. H. There is no satisfactory defense for the blood test for Bang's disease. Holstein-Friesian World 42: 1066, 1078, 1082. July 7, 1945. 43.8 H742

7255 EDWARDS, S. J., DE ROPP, R. S., and MCLEOD, D. H. A study of the immunological properties and infectivity of Brucella abortus strain 45/20, McEwen, in cattle. Vet. Rec. 57: 259-265. June 2, 1945. 41.8 V641

7256 \*FEDRIGO, G. La ruminocentesi nei bovini. Azione Vet. 12: 17-19. Jan. 1943. 41.8 Az3  
Bloat.

7257 \*FLÜCKIGER, G. Neuzeitliches über die staatliche bekämpfung des rinderabortus Bang. Schweiz. Arch. f. Tierheilk. 87: 181-188. May 1945. 41.8 Sch9

7258 FOLEY, E. J., LEE, S. W., and EPSTEIN, J. A. The effect of penicillin on staphylococci and streptococci commonly associated with bovine mastitis. J. Milk Technol. 8: 129-133. May/June 1945. Ref. 44.8 J824

7259 \*GADOLA, A. Alcune osservazioni sulle manifestazioni cutanee della peste bovina. Azione Vet. 12: 20-25. Jan. 1943. 41.8 Az3

7260 \*GALLINA, L. Importanza della gravidanza e della relativa diagnosi nella bovina. Azione Vet. 12: 137-148. May 1943. 41.8 Az3

7261 GUNDERSON, N. O., and ANDERSON, C. W. Car a differential germ test with a leucocyte count be used in the control of mastitis? J. Milk Technol. 8: 147-152. May/June 1945. 44.8 J824

7262 HARWOOD, P. D., GUTHRIE, J. E., and PREBLE, N. A. Phenothiazine-salt mixtures for the control of gastro-intestinal parasites of beef cattle on pasture. Tenn. Acad. Sci. J. 20: 159-173. Apr. 1945. Ref. 500 T25A

7263 \*HAUSER, H. Zwei neurologische fälle von aktinomykose beim rind. (Großhirn, fazialis.) Schweiz. Arch. f. Tierheilk. 87: 51-56. Feb. 1945. 41.8 Sch9

7264 HENDERSHOTT, R. A. New Jersey and United States Department of Agriculture cooperative program for brucellosis control. Moos 5(11): 8-9, 18-19. June 1945. 44.8 M78  
In cattle.

7265 HOPSON, G. H. Mastitis control. Skagit Co-op. Dairyman 22(10): 5, 8, 17, 20. June 1945. 280.28 Sk1

7266 IOWA VETERINARY MEDICAL ASSOCIATION. Teat injuries, sterility and methods of treatment...Cattle Disease Forum. Iowa Vet. 16(4): 10-13. (Cont.) July/Aug. 1945. 41.8 Io9

7267 JONES, I. R. Acidophilus milk for calf scours. Hoard's Dairyman 90: 375. July 10, 1945. 44.8 H65

7268 \*KASTLI, P., and RITTER, P. Die erkennung von abortus Bang-infektionen bei der hygienischen kontrolle der konsummilch. Schweiz. Milchtg. 71: 155-156. Apr. 20, 1945. 44.8 Sch92

7269 \*KARSTEN. Wie bekämpft man z.Z. den abortus-Bang und die rindertuberkulose? Deut. Tierärztl. Wchnschr. 51: 26-31. Jan. 16, 1943. 41.8 D482

7270 KIRKPATRICK, M. G. Give dairy calves phenothiazine and salt? Guernsey Breeders' J. 67: 1241, 1261. June 15, 1945. 43.8 G93

Phenothiazine mixed in salt as an anthelmintic.

7271 MASSEY, R. Calving: six facts to remember. Farmer & Stock-Breeder 59: 889. June 5, 1945. 10 F228

7272 \*MESSERLI, W. Ein beitrag zur fazialisparese beim rind. Schweiz. Arch. f. Tierheilk. 87: 45-50. Feb. 1945. 41.8 Sch9

7273 MESSMORE, H. L. Acetonemia with trismus in a cow. Vet. Med. 40: 246. July 1945. 41.8 M69

7274 \*MEGRETE E ITUARTE, J. B. C. Algunas observaciones acerca de la pasteurellosis. Cuba. Min. de Agr. Rev. 27(28): 74-85. Nov./Dec. 1944. 8 Ag88Re

In cattle.

7275 \*NIGG, M. Beobachtungen aus der praxis über funktion des linken ovars beim rind. Schweiz. Arch. f. Tierheilk. 86: 434-436. Oct. 1944. 41.8 Sch9

7276 \*NOGIN, T. G. A-gipovitaminov krupnogo rogatogo skota i ponosy novorozhdennykh teliat [Hypovitaminosis A in large horned cattle and diarrhea of new-born calves]. Veterinarifa 21(1): 38-40. Jan. 1944. 41.8 V6426

7277 PALMER, C. C., KAKAVAS, J. C., and BIDDLE, E. S. Bovine mastitis caused by a corynebacterium not previously described. North Amer. Vet. 26: 401-404. July 1945. 41.8 N812

7278 \*RAO, B. M. Is it a case of latent haemorrhagic septicaemia? Indian Vet. J. 21: 355-356. Mar. 1945. 41.8 In2

Appearance of the disease after vaccination.

7279 REID, J. T., HUFFMAN, C. F., and DUNCAN, C. W. Poikilocytosis in dairy cattle. Arch. Path. 39: 351-357. June 1945. 448.3 Ar26

7280 ROACH, R. W., and HIGNETT, S. L. Chemotherapy in the treatment of chronic contagious mastitis in cattle. II. Vet. J. 101: 99-108. (Concl.) May 1945. Ref. 41.8 V643

7281 \*ROSENBERGER, G. Kohlanämie des rindes. (Abs.) Deut. Tierärztl. Wchnschr. 51: 63-67. Feb. 13, 1943. 41.8 D482

7282 SANDERSON, C. J. Mastitis; scourge of the dairying industry. Land [Sydney], No. 1748, p. 11. June 1, 1945. 23 L22  
Control.



- 7283 \*SCHMID, G. Die impfung von kühnen mit abortus Bang-vakzine buck 19. Schweiz. Arch. f. Tierheilk. 87: 188-191. May 1945. 41.8 Sch9
- 7284 \*SHERSTOBOEV, K. N. O bakteriofagoterapii i profilaktike kolibatsillizatsii i paratifa teliat i dizeniterii porosiats [Concerning bacteriophage-therapy and prophylaxis of colibacillosis, paratyphoid of calves and dysentery of baby pigs]. Veterinariia 21 (1): 14-16. Jan. 1944. 41.8 V6426
- 7285 SLANETZ, L. W., and ALLEN, F. E. Treatment of bovine mastitis with penicillin. Amer. Vet. Med. Assoc. J. 107: 18-20. July 1945. 41.8 Am3
- 7286 SMITH, P. T. Bovine obstetrical work. North Amer. Vet. 26: 405-406. July 1945. 41.8 N812
- 7287 SPIELMAN, A. A., and others. Should calves be fed vitamin pills? Guernsey Breeders' J. 68: 9-10, 22. July 1, 1945. 43.8 G93
- J. K. Loosli, C. L. Norton, and K. L. Turk, joint authors.  
In relation to scours.
- 7288 STEELE, J. Treating udder troubles. Farming News and North Brit. Agr. 97(23): 6. June 1, 1945. 10 N82
- Control of mastitis in cattle.
- 7289 SWETT, W. W. Mammary gland development in calves. Amer. Dairy Cattle Club. Herd Builder 5(6): 1-2, processed. June 25, 1945. 43.9 Am323H
- 7290 TISCHHAUSER, L. A. An effective treatment for foot rot in cattle. North Amer. Vet. 26: 396, 398. July 1945. 41.8 N812
- 7291 \*UBERTINI, G. L'immunizzazione attiva dei bovini verso il virus dell'afta a mezzo del vaccino di Waldmann e Köbe. Azione Vet. 9: 154-160. Apr. 1940. 41.8 Az3
- 7292 WAY, C., and JAUNCEY, O. Present-day knowledge applied to the control of mastitis; a practical plan used at The Hedge, Pine Plains, N. Y. Fort Dodge Bio-Chem. Rev. 16(1): 3-7. Spring 1945. 41.8 F772
- Dairy farm.
- 7293 \*WEISCHER, F., and HOLLE, A. H. Wesen und ursachen der "krampfgekeit" des rindes (Multiple sklerose?). Deut. Tierärztl. Wchnschr. 51: 135-136. Mar. 27, 1943. 41.8 D482
- 7294 WELCH, H. Hardware disease of cattle. Mont. Farmer 32(20): 17. June 15, 1945. 6 M764
- 7295 \*WILSON, F. D. Foreign body in the mammary gland of a cow. Indian Vet. J. 21: 360-361. Mar. 1945. 41.8 In2
- 7296 WRIGHT, J. G., and ARTHUR, G. H. Observations on infertility in a dairy herd with special reference to Trichomonas foetus infection. J. Compar. Path. and Ther. 55: 49-62. Jan. 1945. 41.8 J82
- 7297 \*WYSSMANN, E. Einige beobachtungen über vorhauterkrankungen beim zuchtstier. Schweiz. Arch. f. Tierheilk. 87: 15-20. Jan. 1945. 41.8 Sch9
- 7298 \*WYSSMANN, E. Zur frage der enteritis crouposa beim rind. Schweiz. Arch. f. Tierheilk. 86: 473-483. Nov. 1944. 41.8 Sch9
- 7299 \*ZHIRKOVA, Z. E., and SURNACHEV, A. V. Prichiny zaboilevaniia i otkhoda teliat [Causes of disease and death of calves]. Veterinariia 21(1): 44. Jan. 1944. 41.8 V6426
- Miscellaneous
- 7300 BECKER, R. B. Summer care steadies milk output. Fla. Grower 53(6): 17. June 1945. 80 F6622
- 7301 BISSON, J. E. Why not de-horn? Macdonald Col. J. 5(9): 9. May 1945. 101 M144
- 7302 BORLAND, A. A. Herd demonstrates efficient dairying; provides answers to numerous problems. Sci. Farmer [Pa. Sta.] 1945, p. 4-6. 100 P381
- Sup. 2 to Pa. Agr. Expt. Sta. B. 464.
- 7303 BRAYER, H. O. Cattle in New Mexico. Amer. Cattle Prod. 27(1): 8-10, 21. June 1945. 49 P94
- 7304 BURNS, J. C. Fitting for show and sale. Shorthorn World 30(7): 3, 15-18. June 10, 1945. 43.8 Sh8
- 7305 DAY, G. E. Fat and favour. Shorthorn News 6(2): 9. June 1945. 43.8 Sh85
- In relation to shows and sales.
- 7306 FORBES, R. C. Northerner looks at the South, finds sound [beef] cattle business. South. Stockman 5(7): 50. July 1945. 49 So83
- 7307 GUILBERT, H. R., and McDONALD, A. An experiment on [beef] cattle grading. Calif. Cattleman, June 1945, p. 10-13. 43.8 C12
- 7308 JOYCE, E. B. Mixed grill for cattlemen. Past. Rev. 55: 349-350. May 16, 1945. 23 Au75
- Notes on raising cattle in Queensland.
- 7309 MANN, A. I. Produce milk and cream of high quality. Conn. Milk, Prod., Assoc. B. 27(310): 8. June 1945. 44.9 C768
- 7310 MARULANDA CAICEDO, L. Instrucciones de lecheria. Arboles 2: 192-194. Mar. 1945. 99.8 Ar16
- 7311 NASH, H. Cow testing and milk yields. Irish Agr. and Creamery Rev. (n. s.) 14(137): 7-9. May 1945. 44.8 C866
- 7312 NETTO, F. A. Bases para o fomento da pecuaria leiteira, e o problema do leite. São Paulo (State). Dept. da Prod. Anim. B. de Indús. Anim. (n. s.) 7(3/4): 50-56. July/Oct. 1944. 49 R324
- 7313 PARKIN, I. E. Managed milking. Certified Milk 20(229): 3, 18. May 1945. 44.8 C33
- 7314 PREWETT, L. P. Machine milking methods. Austral. Milk & Dairy Prod. J. 12(4): 35. Apr. 1945. 44.8 Au72
- 7315 SANDERS, P. D. The beef cattle empire of America. South. Planter 106(6): 12-13. June 1945. 6 So89
- The future of the South in the beef cattle industry.
- 7316 SEATH, D. M. A midday lunch for bossie. Prog. Farmer, Miss.-Ark.-La. Ed. 60(7): 20. July 1945. 6 So81
- Effect of high temperature on dairy cattle and their care.
- 7317 SMITH, V. R., and PETERSEN, W. E. Negative pressure and nursing by calves. J. Dairy Sci. 28: 431-433. June 1945. 44.8 J822
- Investigations in connection with the study of the fundamentals of mechanical milking.
- 7318 STOVER, R. L. Eight-point dairy program. Kans. State Col. Ext. Neighborhood Leader, May 1945, p. 1-2. 275.29 K13N
- 7319 VANSANT, W. R. A record on every cow. Ariz. Farmer 24(12): 8, 12. June 16, 1945. 6 Ar44
- 7320 WHITE, A. H. Dairy herd improvement in Canada. Canad. Dairy and Ice Cream J. 24(6): 37-38, 40, 42. (To be cont.) June 1945. 44.8 C162
- Program of cow testing as basis of improvement.
- 7321 WILLIAMS, G. A. Make [dairy] cows comfortable on hot days. Farmers Guide 101(13): 4. July 1, 1945. 6 In2
- DOGS AND CATS
- Breeds and Breeding
- 7322 CHOATE, E. Color markings and ticking on Sealties. Dog World 30(7): 88. July 1945. 18.8 D672
- Sealyham Terrier.
- 7323 CREUTZ, E. A study of Cocker breeding within related families to produce a distinct hereditary strain. Dog World 30(7): 46-49. (Concl.) July 1945. 48.8 D672
- 7324 FOSTER, J. C., JR. Breeding lore of dogs. Amer. Field 143: 510-513. June 30, 1945. 410 Am3
- 7325 J., W. Be slow to use your own studs. Dog World 30(7): 4. July 1945. 48.8 D672
- 7326 J., W. Scottie coat. Dog World 30(7): 86. July 1945. 48.8 D672
- 7327 JORDAN, MRS. F. Specific program for improving the breeding of dogs. Dog World 30(7): 26, 34. July 1945. 48.8 D672
- Cocker Spaniel Club of Southern California,



- 7328 SAWYER, M. J. Dachsphunds, gait. Dog World 30(7): 65. July 1945. 48.8 D672  
Reprinted from English Dog World.
- 7329 SMITH, A. C. The Curly Retriever. Field 185: 429. Apr. 28, 1945. 10 F45
- 7330 SMITH, A. C. Sheepdogs that work. Field 185: 483. May 12, 1945. 10 F45  
The Collie.
- 7331 STUART, J. Up or down in size? Dog World 30(7): 74. July 1945. 48.8 D672  
Doberman Pinscher.
- 7332 YEATES, C. What to do if you have to send your cat or kitten on a journey. All-Pets Mag. 16 (13): 31-33. June 1945. 48.8 AL5  
Sending cats to stud.

#### Feeds and Feeding

- 7333 ALLISON, J. B., and ANDERSON, J. A. The relation between absorbed nitrogen, nitrogen balance and biological value of proteins in adult dogs. J. Nutr. 29: 413-420. June 1945. 389.8 J82

#### Veterinary Medicine

- 7334 BECKMAN, C. H. Sexual hormones in the treatment of prostatitis and neoplasms of aged dogs. Vet. Med. 40: 235-237. July 1945. 41.8 M69
- 7335 COOPER, T. V., and MOORE, B. Pasteurella septica infection of a cat-bite wound. Lancet (London) 248: 753-754. June 16, 1945. 448.8 L22
- 7336 DANBY, D. C. E. Lameness in a dog due to a foreign body. Roy. Army Vet. Corps. J. 16: 191-192. May 1945. 41.8 G79
- 7337 DAVIDSON, O. G. Penicillin therapy in a case of secondary canine distemper. Vet. Med. 40: 250-251. July 1945. 41.8 M69
- 7338 \*GIEHL, J. Fremdkörper in der orbitalhöhle bei hunden. Deut. Tierärztl. Wchnschr. 51: 136-137. Mar. 27, 1943. 41.8 D482
- 7339 HOFFBAUER, F. W., DUCCI, H., and EMMONS, R. E. Serial peritoneoscopic examinations as a means of studying experimental liver damage in dogs. Soc. Expt. Biol. and Med. Proc. 59: 77-81. May 1945. 442.9 Sol
- 7340 HOGG, A. H. Three cases of ovarian abnormality in the bitch. Vet. Rec. 57: 248-249. May 26, 1945. 41.8 V641  
Diagnoses of tumor and cyst.
- 7341 HUEPER, W. C. Aortic abnormalities in dogs used for experimental purposes. Arch. Path. 39: 375-380. June 1945. Ref., p. 375. 448.8 Ar26
- 7342 KASEL, E. W. Tissue transplantation. Allied Vet. 16(3): 7. May/June 1945. 41.8 AL5  
Surgical method used on the penis of a dog.
- 7343 KHUEN, E. C. Canine distemper immunization. Amer. Vet. Med. Assoc. J. 106: 6-9. July 1945. 41.8 Am3
- 7344 MCMAHON, F. D. Silent rabies. Amer. Vet. Med. Assoc. J. 107: 22. July 1945. 41.8 Am3  
In dogs.
- 7345 \*MUKERJI, A. Preliminary report on canine coccidiosis and its treatment. Indian Vet. J. 21: 316-318. Mar. 1945. 41.8 In2
- 7346 SCHLOTTHAUER, C. F. Some methods for the control of rabies and distemper among dogs. Iowa Vet. 16(4): 5-9. 32. July/Aug. 1945. 41.8 Io9
- 7347 SCHLOTTHAUER, C. F. Unusual causes of death among dogs. North Amer. Vet. 26: 419-420. July 1945. 41.8 N821  
Due to injuries.
- 7348 SCHNELLE, G. B., and JONES, T. C. Dirofilaria immitis in the eye and in an interdigital cyst. Amer. Vet. Med. Assoc. J. 107: 14-15. July 1945. 41.8 Am3  
Of dogs.
- 7349 \*SHETTY, K. S. Caesarian section in a bitch. Indian Vet. J. 21: 356. Mar. 1945. 41.8 In2

- 7350 SHORE, R., HOLT, J. P., and KNOEFEL, P. K. Determination of cardiac output in the dog by the Fick procedure. Amer. J. Physiol. 143: 709-714. May 1945. 447.8 Am3
- 7351 \*SPÜHLER, V. Über kongenitale, zerebellare ataxie mit gleichzeitiger affektion der grosshirnrinde bei Felis domestica. Schweiz. Arch. f. Tierheilk. 86: 422-434, 463-473. (Concl.) Oct., Nov. 1944. Ref. 41.8 Sch9
- 7352 \*ULLRICH, K. Klinischer beitrage zur pyometra der hunden. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 21-26. Apr. 24, 1943. 41.8 D482
- 7353 WOOD, K. David and dawns. Country Guide 64(6): 42-43. June 1945. 7 G76  
Treatment of sore feet and training.

#### Miscellaneous

- 7354 BENGSTON, B. Cats earn their keep. Country Book Mag. 5(1): 47-49. Summer 1945. 6 C836
- 7355 \*PESCE, P. A. Le origini del cane. Azione Vet. 9: 144-145. Apr. 1940. 41.8 Az3
- 7356 SMITH, A. C. Notice your dog. Field 185: 455. May 5, 1945. 10 F45

#### HORSES AND MULES

##### Breeds and Breeding

- 7357 ALI, PRINCE M. The Arabs also have Arabian horses. Horse Lover 10(1): 2, 13-14. June/July 1945. 42.8 H7852
- 7358 BEARY, E. The case of the small breeder. Field 185: 471. May 12, 1945. 10 F45  
Horse breeder.
- 7359 BERMAN, J. Best "all-around" horse. Thoroughbred 4(14): 15, 40. June 1945. 42.8 T393
- 7360 \*GÖTZE, R. Zur frage der natürlichen paarung und der künstlichen besamung in der pferdezucht. Deut. Tierärztl. Wchnschr. 51: 83-87. Feb. 27, 1943. 41.8 D482
- 7361 HARRIS, A. W. Providence preserves the Arabian horse. West. Livestock J. 23(38): 17. June 15, 1945. 6 F2278
- 7362 HELLBUSCH, C. E. H. S. Bissell's Corralitos ranch steps to the front rank as home of top quality Quarter Horses. N. Mex. Stockman 10(6): 32-33. June 1945. 49 N462
- 7363 NORTON, D. M. The Palomino horse; his history. Horse Lover 10(1): 10, 28. June/July 1945. 42.8 H7852
- 7364 OSWALD, A. L. Giants and pigmies...matings of Shires and Shetlands. Jersey B. 64: 740, 782, 784. June 5, 1945. 43.8 J48
- 7365 WILLIAMS, W. L. Comments on the case of "Jamie." Vet. Med. 40: 246-248. July 1945. 41.8 M69  
Fertility in a horse and its general application.

#### Veterinary Medicine

- 7366 \*ALEKSANDROV, N. A. Gnoinye paraproktity (Festering paraproctitis). Veterinariia 21(1): 35-37. Jan. 1944. 41.8 V6426  
In horses.
- 7367 AUCHTERLONIE, L. The use of barium chloride intravenously: a case of enteritis in the horse. Vet. Rec. 57: 266-267. June 2, 1945. 41.8 V641
- 7368 BLOUNT, W. P., and JOHNSTON, J. H. Multiple phosphorus burns in horses. Roy. Army Vet. Corps. J. 16: 192. May 1945. 41.8 G79
- 7369 \*COHRS, P., and STREICH, W. Verknöcherung der rechten herzvorkammer beim pferde, die folge einer tuberkulösen hyperergischen myositis. Deut. Tierärztl. Wchnschr. 51: 92-95. Feb. 27, 1943. 41.8 D482
- 7370 FETHERS, G. Strangles in horses. Past. Rev. 55: 270-271. Apr. 16, 1945. 23 Au75
- 7371 \*GÖBEL, F. Fibrom in der linken schultergelenks- und oberarmgegend beim pferde. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 29-30. Apr. 24, 1943. 41.8 D482



- 7372 HALL, H. T. B. Ringworm in horses. Fiji Dept. Agr. Agr. J. 16(1): 12. Mar. 1945. 25 F47Ag
- 7373 JACKSON, B. Late news on the wobbler. Natl. Horseman 81(6): 66. June 1945. 42.8 N21
- 7374 \*JEZIERSKI, A. Ergebnisse der impfung mit einer neuen drusevakzine. Schweiz. Arch. f. Tierheilk. 87: 65-68. Feb. 1945. 41.8 Sch9
- 7375 \*KHOLE, D. B. Diagnosis and treatment of co-existent infections in equines. Indian Vet. J. 21: 357-358. Mar. 1945. 41.8 In2
- 7376 \*KRASIN, D. A. Terapevticheskie dozy krasnogo Streptotsida (Prontozila) Difa loshadei [Therapeutic doses of red Streptocide (Prontosil) for horses]. Veterinariia 21(1): 33-35. Jan. 1944. 41.8 V6426
- 7377 \*KUDRIAVTSEV, A. A. Gemogramma lozhadi (differentsial'naya tablitsa kletok beloi krvi) [Hemogram of a horse (differential table of the white blood cells)]. Veterinariia 21(1): 29-32. Jan. 1944. 41.8 V6426
- 7378 \*KÜST, and SCHAEZT, F. Die behandlung der endometritis bei pferd und rind mit einem Surfenjodgemisch. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 26-27. Apr. 24, 1943. 41.8 D482
- 7379 LAFORTUNE, J. G. La gourme. Forêt Québécoise 9: 379-380. May/June 1945. 99.8 F79
- 7380 \*LEEMANN, W., and KRUPSKI, A. Beobachtungen über schlundverstopfungen beim pferd durch rübenschmizel und futterzellulose. Schweiz. Arch. f. Tierheilk. 87: 175-180. May 1945. 41.8 Sch9
- 7381 \*LEUE, P. Schieferzähne. Deut. Tierärztl. Wchnschr. 51: 48-49. Jan. 30, 1943. 41.8 D482
- Dental surgery for uneven teeth of horses.
- 7382 \*MIKHEIL'SON, N. M. Ikhtiol i kreolin pri ostrom zheludochno-kishechnom katare u podsoynykh zherebiat [Ichthyol and creolin in acute gastrointestinal catarrh of suckling foals]. Veterinariia 21(1): 43. Jan. 1944. 41.8 V6426
- 7383 NICOL, G. Fistulous withers in horses. Victoria. Dept. Agr. J. 43: 162, 164. Apr. 1945. 23 V66J
- 7384 \*NOIRJEAN, P. L'hydrarthrose du grasset chez le poulain de la race des Franches-Montagnes. Schweiz. Arch. f. Tierheilk. 87: 163-174, 222-233. May, June 1945. Ref. 41.8 Sch9
- 7385 \*OPPERMANN, T., and OPPERMANN, M. Über die symptomatologie der chronischen und latenten form der ansteckenden blutarmut der einhufer. Deut. Tierärztl. Wchnschr. 51: 130-135. Mar. 27, 1943. 41.8 D482
- Limited to horses.
- 7386 \*RATHORE, G. S. A case of atypical anthrax in a mare. Indian Vet. J. 21: 359. Mar. 1945. 41.8 In2
- 7387 \*RUEGG, J. Altes aus der kolik-therapie. Schweiz. Arch. f. Tierheilk. 87: 26-29. Jan. 1945. 41.8 Sch9
- 7388 SANDERSON, C. J. Injuries to the coronet in the horse. Land [Sydney], No. 1745, p. 11, 20. May 11, 1945. 23 L22
- 7389 \*SASTRY, M. R. S. A case of biliary lithiasis in a horse. Indian Vet. J. 21: 350-353. Mar. 1945. 41.8 In2
- 7390 \*SCHELLHASE. Der rektale darmstich bei der behandlung der blähkolik der pferde. Deut. Tierärztl. Wchnschr. 51: 31-32. Jan. 16, 1943. 41.8 D482
- 7391 SEMTNER, W. K. Clinical use of penicillin; strangles of horses. Vet. Med. 40: 226-227. July 1945. 41.8 M69
- 7392 \*SZABUNIEWICZ, M., and ZIELINSKI, A. Die untersuchung der gliedmasse mittels hufhammerstiel bei lahmheiten der pferde. Schweiz. Arch. f. Tierheilk. 87: 20-26. Jan. 1945. 41.8 Sch9
- 7393 \*TROSHIKHIN, V. A. Krasnyi Streptotsid pri gnoinoi bronkhopnevmonii zherebiat [Red Streptocide in purulent bronchopneumonia in foals]. Veterinariia 21(1): 18. Jan. 1944. 41.8 V6426
- 7394 \*VÖLKER, R. Die dehydratation des hufödems durch Periston. Deut. Tierärztl. Wchnschr. 51: 89-91. Feb. 27, 1943. 41.8 D482
- Edema of the hoof in horses.
- 7395 \*WEISCHER, F. Wesen und ursachen der hufrehe des pferdes. Deut. Tierärztl. Wchnschr. 51: 69-71. Feb. 13, 1943. 41.8 D482
- 7396 \*ZELENENKO, G. S. O terapii infektsionno-go entsefalomielita [Concerning the therapy of infectious encephalomyelitis]. Veterinariia 21(1): 44-45. Jan. 1944. 41.8 V6426
- In horses.
- 7397 \*ZIETZSCHMANN, O. Wirbel- und rippenvariationen im brust-lenden-grenzgebiet beim pferde. Deut. Tierärztl. Wchnschr. 51: 81-83. Feb. 27, 1943. 41.8 D482
- Miscellaneous
- 7398 DENHARDT, B. The criollo horse of South America. Horse Lover 10(1): 8. June/July 1945. 42.8 H7852
- 7399 ELEAZER, J. M. Summer care of work stock. Prog. Farmer, Car.-Va. Ed. 60(7): 45. July 1945. 6 P945
- Horses and mules.
- 7400 FRY, H. S. Dobbin is not done yet. Country Guide 64(6): 9, 26-27. June 1945. 7 G76
- Chiefly concerning the draft horse and its present situation in Canada.
- 7401 HEWITT, A. S. The art of buying yearlings. East. Breeder 7(2): 11-12. July 1945. 49 V81
- 7402 HOLMES, G. A. There's still a place for the [draft] horse. Farmers Weekly [London] 22(22): 31. June 1, 1945. 10 F2226
- 7403 JOHNSTON, T. E. The slow gait and the rack. Horse Lover 10(1): 3, 8. June/July 1945. 42.8 H7852
- 7404 LAMOND, H. G. The stock horse. 7. Live Stock B., May 1, 1945, p. 2. 23 F222
- On training.
- 7405 LUND, C. How the Argentine sells yearlings. Blood-Horse 43: 938. June 30, 1945. 42.8 T392
- 7406 NORTON, D. M. California farms: a few of them. Blood-Horse 43: 865-866, 895-897. June 9, 16, 1945. 42.8 T392
- Hemet Stock Farm; Rancho San Vicente, Elobee Farm, and Circle S Ranch.
- 7407 \*TARANTINO, G. B. Allevamenti coloniali nell'impero. Azione Vet. 12: 37-40. Feb. 1943. 41.8 Az3
- Production of Italian horses and mules.
- POULTRY
- Breeds and Breeding
- 7408 AMSDEN, J. Evolution of a breeder's index. Mod. Poultry Keeping 52: 441. June 20, 1945. 47.8 Eg3
- 7409 BANTAM choice for domestics. By "Domesticus". Mod. Poultry Keeping 52: 426. June 13, 1945. 47.8 Eg3
- 7410 CAMPBELL, H. L. The rise, decline and recovery of the Magpie. Pigeon News 51(892): 4, 13. (To be cont.) July 1945. 47.8 P621
- 7411 COLLINSON, H. Looking up; more...general farmers are becoming accredited poultry breeders - and adopting higher standards for their flocks. Farmers Weekly [London] 22(23): 32. June 8, 1945. 10 F2226
- 7412 COOPER, M. Now! roll up your sleeves; there is a vast market for standard bred poultry. Poultry Press 31(17): 1-2. June 28, 1945. 47.8 P8643
- 7413 DENNY, J. The Cochins. Poultry Press 31(17): 1, 3. June 28, 1945. 47.8 P8643
- 7414 DRYDEN, H. Hen of the future. Nulaid News 23(2): 6-7, 22. May 1945. 47.8 N917
- 7415 HADLINGTON, E. Single pens best for breeding of poultry. Farmer and Settler 40(15): 16. May 11, 1945. 23 F226



- 7416 HALLETT, D. "Spot" pigeon an interesting bird. *All-Pets Mag.* 16(13): 51. June 1945. 48.8 AL5
- 7417 HENDERSON, R. Black Sumatras. *Poultry Press* 31(17): 1. June 28, 1945. 47.8 P8643
- 7418 HOWES, H. Duck fertility. *Mod. Poultry Keeping* 52: 392. May 30, 1945. 47.8 Eg3
- 7419 HOWES, H. Where the breeding birds are to come from. *Smallholder* 73(1834): 10-11. May 11, 1945. 10 Sm1
- 7420 HUTTON, J. Hen-reared [Bantam] chicks. *Poultry [London]* 96: 380. June 12, 1945. 47.8 P869
- 7421 HUTTON, J. Planned breeding [of Bantams]. *Poultry [London]* 96: 364. June 5, 1945. 47.8 P869
- 7422 JULL, M. A. Comparison of crossbreds and purebreds for broilers. *Peninsula Broiler J.* 5(4): 1-3. June 18, 1945. 47.8 P37
- 7423 KERR, W. M. Color inheritance in pigeons. *All-Pets Mag.* 16(13): 52. June 1945. 48.8 AL5
- 7424 MEYER, L. F. Light Brahmas. *Poultry Press* 31(16): 1. June 14, 1945. 47.8 P8643
- 7425 NEWMAN, T. Are the days of cross breeding numbered? *Mod. Poultry Keeping* 52: 392-393. May 30, 1945. 47.8 Eg3
- 7426 NOFTZGER, S. A. Partridge Rocks. *Poultry Press* 31(16): 1. June 14, 1945. 47.8 P8643
- 7427 PARKER, J. E. Relation of time of day of artificial insemination to fertility and hatchability of hens' eggs. *Poultry Sci.* 24: 314-317. July 1945. 47.8 Am33P
- 7428 POWELL-OWEN, W. Follow family groups. *Poultry World* 76: 269. June 8, 1945. 47.8 P8682
- 7429 POWELL-OWEN, W. Summer review of old stock. *Poultry World* 76: 260. June 1, 1945. 47.8 P8682
- Parent stock basis for judgment of offspring.
- 7430 RANKIN, W. B. Preparing for [Bantam] lawn shows. *All-Pets Mag.* 16(13): 42. June 1945. 48.8 AL5
- 7431 RITZHAUPT, L. H. Crested Bantams. *All-Pets Mag.* 16(13): 41-42. June 1945. 48.8 AL5
- Concerns mainly the Polish breeds.
- 7432 SCHROEDER, W. B. Development of the Carneau. *All-Pets Mag.* 16(13): 49-51. June 1945. 48.8 AL5
- A breed of pigeons.
- 7433 SELECTING Wyandotte Bantams. By "Observer." *Poultry World* 76: 284. June 15, 1945. 47.8 P8682
- 7434 STURGEON, R. H. The new Barred Plymouth Rock color standard. *Cackle and Crow* 27(8): 8. June 1945. 47.8 C11
- 7435 SWANSON, L. C. Training young Racing Homers. *All-Pets Mag.* 16(13): 53. June 1945. 48.8 AL5
- 7436 TAYLOR, G. H. Has bad food affected [Rhode Island] Red colour? War-time experiences of a Lincolnshire accredited breeder. *Poultry Farmer [London]* 112(2920): 3. June 8, 1945. 47.8 F312
- 7437 THAT'S a good Rhode [Island Red Bantam]. By "Observer." *Poultry World* 76: 272. June 8, 1945. 47.8 P8682
- 7438 TYPE makes the breed. By "Observer." *Poultry World* 76: 260. June 1, 1945. 47.8 P8682
- Bantam breeds.
- 7439 VONDELL, J. H. A study of four strains of broiler chicks. *U. S. Eggs & Poultry Mag.* 51: 269, 281. June 1945. 286.85 Eg3
- 7440 WATERS, N. F. The influence of inbreeding on egg weight. *Poultry Sci.* 24: 318-323. July 1945. 47.8 Am33P
- 7441 WATERS, N. F. The influence of inbreeding on hatchability. *Poultry Sci.* 24: 329-334. July 1945. 47.8 Am33P
- 7442 WILLIAMS, G. T. How not to improve stock. *Poultry [London]* 96: 387. June 19, 1945. 47.8 P869
- Feeds and Feeding
- 7443 ALEXANDER, A. K. S. Rearing change to growers...emphasises the need for protein when feeding baby chicks. *Farmer & Stock-Breeder* 59: 817. May 22, 1945. 10 F228
- 7444 ALMQUIST, H. J. Effective use of proteins in the nutrition of the chick. *Amer. Assoc. Cereal Chem. Trans.* 3: 158-168. May 1945. 59.9 Am3T
- 7445 BARLEY, H. D. Be cautious with maize. *Poultry World* 76: 277. June 15, 1945. 47.8 P8682
- 7446 BAYON, H. P. Fish waste stops egg eating. *Poultry Farmer [London]* 112(2919): 3. June 1, 1945. 47.8 F312
- 7447 CAMPBELL, J. A., and EMSLIE, A. R. G. Studies on the chick assay for vitamin D. III-IV. *Poultry Sci.* 24: 296-304. July 1945. 47.8 Am33P
- III. The variability of chicks and the estimation of error from replicated group data; IV. The reproducibility of five criteria of calcification.
- 7448 CRAVENS, W. W., MCGIBBON, W. H., and HALPIN, J. G. The value of certain supplements in practical chick rations containing adequate riboflavin. *Poultry Sci.* 24: 305-309. July 1945. 47.8 Am33P
- 7449 DURRELL, W. B. Avitaminosis "A" in poultry. *Canad. J. Compar. Med.* 9: 163-165. June 1945. 41.8 C162
- 7450 FOOD for the growers. By "Domesticus." *Mod. Poultry Keeping* 52: 406. June 6, 1945. 47.8 Eg3
- 7451 FRITZ, J. C., HOOPER, J. H., and MOORE, H. P. Calcification in the poult. *Poultry Sci.* 24: 324-328. July 1945. 47.8 Am33P
- Effectiveness of vitamin D.
- 7452 GRAU, C. R. Satisfying the amino acid requirements of poultry. *Feedstuffs* 17(26): 26-29. June 30, 1945. 286.81 F322
- 7453 GUTTERIDGE, H. S., and NOWOSAD, F. S. Pasture for poultry. *Canada. Dept. Agr. Farmer's B.* 128, 18 p. Ottawa, 1945. (P. 771) 7 C16F
- 7454 KLOSE, A. A., and FEVOLD, H. L. Nutritional value of yeast protein to the rat and the chick. *J. Nutr.* 29: 421-430. June 1945. 389.8 J82
- 7455 LEPKOVSKY, S., and others. The comparative requirements of chicks and turkey poult for pantothenic acid. *Poultry Sci.* 24: 335-339. July 1945. 47.8 Am33P
- F. H. Bird, F. H. Kratzer, and V. S. Asmundson, joint authors.
- 7456 LODGE, C. Stimulates those flagging appetites. *Poultry Farmer [London]* 112(2921): 6-7. June 15, 1945. 47.8 F312
- Includes general care.
- 7457 \*MACDONALD, A. J. Meat offals for poultry. *Indian Farming* 5: 509-511. Nov. 1944. 22 In283
- Other feed also discussed.
- 7458 MATTINGLY, J. P., and BIRD, H. R. Effect of heating, under various conditions, and of sprouting on the nutritive value of soybean oil meals and soybeans. *Poultry Sci.* 24: 344-352. July 1945. 47.8 Am33P
- 7459 NEWMAN, T. Animal feed. *Mod. Poultry Keeping* 52: 410. June 6, 1945. 47.8 Eg3
- Feeding chicks.
- 7460 PAYNE, L. F., CALDWELL, M. J., and HUGHES, J. S. Vitamin supplements for low grade alfalfa meal. *Poultry Sci.* 24: 375-377. July 1945. 47.8 Am33P
- 7461 PRATT, J. M., and BIELY, J. A note on the value of stickwater meal as a riboflavin supplement in poultry rations. *Poultry Sci.* 24: 377-379. July 1945. 47.8 Am33P
- 7462 QUICK, N. H. Pit: don't tub potato silage. *Poultry Farmer [London]* 112(2919): 6. June 1, 1945. 47.8 F312
- 7463 ROLF, A. F. Proper summer feeding brings profits. *Poultry & Rabbit Monthly* 13(6): 5-6, 12. June 1945. 47.8 P8654



7464 TAYLOR, M. W. Planned rations for the growing birds. *Mod. Poultry Keeping* 52: 446-447. June 20, 1945. 47.8 Eg3

7465 TURNILL, L. C. When goslings starve on grass. *Farmer & Stock-Breeder* 59: 781. May 15, 1945. 10 F228

#### Veterinary Medicine

7466 ASPLIN, F. D. Fowl paralysis: the infectivity of fowl tissue suspensions to baby chicks. *Poultry Sci.* 24: 379-381. July 1945. 47.8 Am33P

7467 BLAKEMORE, F. Further observations on the demonstration of an infective agent in the tissues of fowls affected with fowl paralysis (neurolymphomatosis). *J. Compar. Path. and Ther.* 55: 1-18. Jan. 1945. 41.8 J82

7468 BLAXLAND, J. D., and GORDON, R. F. Zinc phosphide poisoning in poultry. *Vet. J.* 101: 108-109. May 1945. 41.8 V643

7469 BOND, E. W. A convenient method for preparing graduated capillary serological pipettes for use in pullorum agglutination test. *Canad. J. Compar. Med.* 9: 166-167. June 1945. 41.8 C162

7470 C., T. B. The leucosis complex. *Rural New-Yorker* 104: 308. June 2, 1945. 6 R88

7471 CLINE, L. E. Fowl pox in turkeys can be serious. *Norbest Turkey News* 9(12): 1-3. June 1945. 47.38 N75

7472 \*GARINEI, V. Sull'azione protettiva del siero iperimmune contro il virus dell'epizootia dei polli 1940. *Soc. Ital. di Biol. Spear. B.* 18: 122-124. Mar./Apr. 1943. 442.8 Sol2

Disease caused by filtrable virus not yet classified but similar to Newcastle disease.

7473 GRAYSON, A. R. Treatment for roundworms in poultry. *Victoria. Dept. Agr. J.* 43: 160. Apr. 1945. 23 V66J

7474 HAMMOND, J. C. Sulfonamides in the control of fowl typhoid. *Poultry Sci.* 24: 382-384. July 1945. 47.8 Am33P

7475 HEALE, W. A solution of the mortality problem. *Poultry Farmer* [London] 112(2918): 3, 7. May 25, 1945. 47.8 F312

Breeding for disease resistance.

7476 HOFFMAN, H. A. Leukosis in turkeys. *Co-op. Poultryman* 10(6): 14. June 1945. 47.8 C782

7477 HORVATH, A. A. Toxicity of vetch seed for chickens. *Poultry Sci.* 24: 291-295. July 1945. 47.8 Am33P

7478 IVES, P. The Creeper fowl. *Cackle and Crow* 27(8): 9. June 1945. 47.8 C11

7479 LEHMAN, H. B. Worms in poultry. *Poultry & Rabbit Monthly* 13(6): 8, 12. June 1945. 47.8 P8654

7480 LEVINE, P. P. The avian leukosis complex. *U. S. Egg & Poultry Mag.* 51: 264-265. June 1945. 236.85 Eg3

7481 LODGE, C. How to handle chick troubles. *Poultry Farmer* [London] 112(2918): 6-7. May 25, 1945. 47.8 F312

Diseases and parasites.

7482 MCNEIL, E. Hexamitiasis. *Nulaid News* 23(2): 8. May 1945. 47.8 N917

7483 \*MAGNUSSON, H. Ett riskmoment vid tuberkulundersökningarna. *Lantmannen* 29: 373-374, 384. Apr. 21, 1945. 11 L234

Concerning tuberculosis in poultry and danger of transmission to swine and cattle.

7484 MANN, T. B. Chick rearing. I-IV. *J. Agr. Sci.* [London] 35: 95-115. Apr. 1945. 10 J822

I. The effect of diet on mortality with special reference to six-day disease; II. The bacterial syndrome arising from a diet which is conducive to six-day disease; III. The effect of diet on vitamin A, xanthophyll and carotene metabolism; IV. The mechanism of infection in six-day disease with special reference to intestinal putrefaction.

7485 MINER, M. L. Diseases of turkeys on the range. *Farm and Home Sci.* [Utah Sta.] 6(2): 1, 14-15. June 1945. 100 UtlF

7486 MISZURSKI, B., and others. Effect of x-rays on the transmissibility of fowl sarcoma in its nonfilterable phase. *Cancer Res.* 5: 422-425. July 1945. Ref. 448.8 C16

M. Pikowski, G. Goldhaber, and L. Doljanski, joint authors.

7487 MOREHOUSE, N. F. The occurrence of Haemoproteus sp. in the domesticated turkey. *Amer. Micros. Soc. Trans.* 64: 109-111. Apr. 1945. 440.9 Am33

7488 NELSON, N. M. Orbital deformity and visual impairment due to lopping of the comb in the chicken. *Anat. Rec.* 92: 77-79. May 1945. 447.8 An1

7489 \*PALLASKE, G. Enzootische Muskeldystrophie bei jungenten. *Deut. Tierärztl. Wchnschr.* 51: 124-130. Mar. 27, 1943. 41.8 D482

Young ducks.

7490 PARISH, A. J. Home doctoring. *Poultry World* 76: 277. June 15, 1945. 47.8 P8682

7491 QUIN, A. H. Laryngotracheitis in the fowl; a method of treatment. *Vet. J.* 101: 112-113. May 1945. 41.8 V643

7492 REINEKE, E. P., and TURNER, C. W. Toxicity of high dosages of thiourea alone and thiourea plus colloidal sulfur when fed to baby chicks. *Poultry Sci.* 24: 340-343. July 1945. 47.8 Am33P

7493 \*ROMBOLI, B. Sulla recente malattia del pollame in Toscana. *Azione Vet.* 10: 17-20. Jan. 15, 1941. 41.8 Az3

Probably caused by a virus similar to those causing laryngotracheitis, fowl pox, and fowl pest.

7494 SALT, F. J. Detection of zinc phosphide in poultry. *Vet. J.* 101: 111. May 1945. 41.8 V643

7495 SMITH, G. C. Technique for parathyroidectomy in pigeons. *Anat. Rec.* 92: 81-86. May 1945. 447.8 An1

7496 SMITH, H. C., MUNCE, T. W., and WILEY, L. E. Chemical capons. *Allied Vet.* 16(3): 11-12. May/June 1945. 41.8 AL5

Caponizing with stilbestrol pellets.

7497 SWALES, W. E. The control of acute coccidiosis of chicks. *Macdonald Col. J.* 5(9): 4-5. May 1945. 101 M144

7498 TOMEY, A. F. Crod; Liver; Oil; does not stop rickets in chicks. *Poultry Farmer* [London] 112(2921): 3. June 15, 1945. 47.8 F312

7499 VAN ROEKEL, H. Pullorum disease. *Flour & Feed* 46(1): 40. June 1945. 298.8 F66

7500 \*VIANELLO, G. Le attuali malattie infettive dei polli e dei conigli. *Azione Vet.* 10: 35-41. Jan. 30, 1941. 41.8 Az3

7501 \*VIANELLO, G. Proteggere a tempo i polli dalle malattie infettive. *Azione Vet.* 12: 105-107. Apr. 1943. 41.8 Az3

Laryngotracheitis, fowl cholera, and fowl pox.

7502 WARD, F. G. Disease free area is goal of poultrymen on Prince Edward Island. *Marit. Farmer and Co-op. Dairyman* 50(17): 6, 26. June 5, 1945. 7 C77

7503 WICKWARE, A. B. Case reports of relatively infrequent diseases observed at the poultry pathology laboratory. *Canad. J. Compar. Med.* 9: 151-154. June 1945. 41.8 C162

7504 WISSEMAN, C. L., JR. Morphology of the cysticeroid of the fowl tapeworm, *Raillietina cestillus* (Molin). *Amer. Micros. Soc. Trans.* 64: 145-150. Apr. 1945. 440.9 Am33

#### Miscellaneous

7505 A., M. Summer essentials. *Poultry World* 76: 272. June 8, 1945. 47.8 P8682



- 7506 AMSDEN, J. A breeder's shorthand. Mod. Poultry Keeping 52: 405. June 6, 1945. 47.8 Eg3  
Letters and symbols used in records.
- 7507 AME ALDERETE, A. La incubación artificial. II. Fomento [monthly] 2(16): 19, 25. Feb. 1945. 8 F734
- 7508 BANKS, E. Training, racing and breeding. Amer. Racing Pigeon News 61(5): 10-11. May 1945. 47.8 H75  
Suggestions as to care of pigeons.
- 7509 BARLEY, H. D. Best combination of all; cattle fit in well with poultry. Poultry World 76: 241. May 25, 1945. 47.8 P8682
- 7510 \*BERKMAN, J. The rotations of hatching at the end of the war. (In Hebrew.) Hassadeh 25: 277-279. May 1945. 26 H27
- 7511 BERNARD, R., and GENEST, P. Sulfonamides and egg-shell formation in the domestic fowl. Science 101: 617-618. June 15, 1945. 470 Sci2
- 7512 BIRTWISTLE, V. Pullets need special care when they are half way to maturity. Poultry [London] 96: 361-362. June 5, 1945. 47.8 P869
- 7513 BIRTWISTLE, V. Those vital third and fourth weeks. Poultry [London] 96: 377. June 12, 1945. 47.8 P869
- 7514 BLACKWELL, H. L. Common sense about stock sense. Mod. Poultry Keeping 52: 393. May 30, 1945. 47.8 Eg3
- 7515 BLACKWELL, H. L. Only one rat on this farm. Poultry Farmer [London] 112(2921): 7. June 15, 1945. 47.8 F312
- 7516 BOSO, C. M. Raising pullets for profit. South. Agr. 75(7): 32. July 1945. 6 So83  
General care.
- 7517 BRONKHORST, J. J. Uitsoek van nie-producerende henne. S. A. P. A. Poultry B. 8(86): 11. Nov. 1944. 47.8 So89  
Culling.
- 7518 BROOMHEAD, W. W. Eggs for the family. Poultry [London] 96: 392. June 19, 1945. 47.8 P869
- 7519 BROOMHEAD, W. W. Managing growing pullets now. Poultry [London] 96: 376. June 12, 1945. 47.8 P869
- 7520 BROOMHEAD, W. W. Preparing a fowl for show. Poultry [London] 96: 344. May 29, 1945. 47.8 P869
- 7521 BROOMHEAD, W. W. Rearing turkeys in a garden. Poultry [London] 96: 360. June 5, 1945. 47.8 P869
- 7522 BRUCE, W. H. Greater progress is forecast for Australia's poultry industry; new methods of housing...intensive system for layers. Farmer and Settler 40(15): 11-12. May 11, 1945. 23 F226
- 7523 CAN LAYERS be placed by handling? By "Rufus." Poultry [London] 96: 380. June 12, 1945. 47.8 P869  
Judging.
- 7524 CHARLES, T. B. Raising turkeys. Rural New-Yorker 104: 310. June 2, 1945. 6 R88
- 7525 CHARLES, T. B. Summer poultry management. Rural New-Yorker 104: 329. June 16, 1945. 6 R88
- 7526 CLINTON, H. F. Burnley egg-laying competition; final results, 1944-45. Victoria. Dept. Agr. J. 48: 167-170. Apr. 1945. 23 V66J
- 7527 COLLINSON, R. A Cornish home of hardy Wyandottes. Mod. Poultry Keeping 52: 392-393. May 30, 1945. 47.8 Eg3
- 7528 COLOUR guide to laying ability. By "Domesticus." Mod. Poultry Keeping 52: 370. May 23, 1945. 47.8 Eg3
- 7529 COONEY, W. T., and others. Battery and floor management practices for pullets and hens. Poultry Sci. 24: 310-313. July 1945. 47.8 Am33P  
C. E. Holmes, J. A. Harper, and H. E. Cosby, joint authors.
- 7530 FLOCK, M. V. More hatching eggs for summer and fall. Hatchery Tribune 19(7): 40. July 1945. 47.8 H28
- 7531 GI PIGEONS receive basic training in England. Amer. Racing Pigeon News 61(5): 1-4. May 1945. 47.8 H75
- 7532 GOGGIN, F. J. Urges local egg production to safeguard supply. Peninsula Broiler J. 5(4): 1. June 18, 1945. 47.8 P37  
Hatching eggs to supply the meat production industry.
- 7533 GRANGE, C. Because of the ration increases [in Great Britain] hatching should go on right through summer. Smallholder 73(1835): 12. May 18, 1945. 10 Sml
- 7534 H., H. Breaking up the duck breeding pens. Mod. Poultry Keeping 52: 428-429. June 13, 1945. 47.8 Eg3
- 7535 H., H. More should be made of "green goose" market. Mod. Poultry Keeping 52: 446-447. June 20, 1945. 47.8 Eg3  
Raising goslings.
- 7536 HAMMOND, R. E. Early moulters. Poultry World 76: 272. June 8, 1945. 47.8 P8682
- 7537 HARDISTY, H. Routine changes: frequent egg collection prevents broodiness. Poultry World 76: 241. May 25, 1945. 47.8 P8682
- 7538 HARDISTY, H. Healthy youngsters; handling soon reveals faults amongst the growers. Poultry World 76: 272. June 8, 1945. 47.8 P8682
- 7539 HARTOGENSIS, H. Accidental prosperity. South. Agr. 75(7): 9, 19. July 1945. 6 So83  
Description of a poultry farm.
- 7540 HENDERSON, D. This turkey business. Cackle and Crow 27(8): 10. Jun 8 1945. 47.8 C11
- 7541 HOWES, H. Ducks in summer. Mod. Poultry Keeping 52: 374. May 23, 1945. 47.8 Eg3  
Egg production.
- 7542 HOWES, H. I believe in letting forward pullets lay. Smallholder 73(1836): 12. May 25, 1945. 10 Sml
- 7543 HOWES, H. Intensive rearing beat for turkeys. Mod. Poultry Keeping 52: 447. June 20, 1945. 47.8 Eg3  
Care of poult.
- 7544 HOWES, H. This year calls for a longer duck hatching season. Mod. Poultry Keeping 52: 411-412. June 6, 1945. 47.8 Eg3
- 7545 HOWES, H. With further hints on goslings. Farming News and North Brit. Agr. 97(22): iii. May 25, 1945. 10 N82
- 7546 JEREMY, E. Method of health poultry farming; compost to restore natural soil conditions. Primary Prod. [Sydney] 22(22): 16. June 1, 1945. 23 P93
- 7547 JOHNSTONE, R. From back garden to pedigree farm. Mod. Poultry Keeping 52: 374-375. May 23, 1945. 47.8 Eg3
- 7548 KALMAN, M. R. Don't be frightened off turkeys. Poultry Farmer [London] 112(2919): 5. June 1, 1945. 47.8 F312
- 7549 KLEIN, G. T. Mayo's duck farm. New England Homestead 118(11): 16-17. June 9, 1945. 6 N442
- 7550 LEGGATE, J. Setting out folds. Poultry Farmer [London] 112(2919): 3. June 1, 1945. 47.8 F312  
Arrangement of roosting houses for poultry ranges.
- 7551 LODGE, C. Managing and feeding ducklings. Poultry Farmer [London] 112(2919): 6-7. June 1, 1945. 47.8 F312
- 7552 MOORE, A. C. Cockerels will be scarce this autumn. Poultry [London] 96: 374. June 12, 1945. 47.8 P869  
Purchasing cockerels.



- 7553 MOORE, A. C. Egg-farming prospects. Poultry [London] 96: 342. May 29, 1945. 47.8 P869
- 7554 MOORE, A. C. It pays you to check up on the growers. Poultry [London] 96: 358. June 5, 1945. 47.8 P869
- Pigmentation of skin and feathers.
- 7555 MOORE, A. C. Pigment means bloom. Poultry Farmer [London] 112(2919): 4. June 1, 1945. 47.8 F312
- In relation to culling.
- 7556 MOORE, A. C. Why turkeys will steal a nest. Poultry [London] 96: 390. June 19, 1945. 47.8 P869
- Suggestions for prevention.
- 7557 MOORE, F. E. Turkey improvement. Turkey World 20(6): 32-34. June 1945. 47.38 T84
- State plan series of the National Turkey Improvement Plan in Kentucky.
- 7558 NEWMAN, T. Cannibalism. Mod. Poultry Keeping 52: 447. June 20, 1945. 47.8 Eg3
- 7559 NEWMAN, T. Limitations to laying ability. Mod. Poultry Keeping 52: 431. June 13, 1945. 47.8 Eg3
- 7560 PARISH, A. J. Duckling management. Poultry World 76: 284. June 15, 1945. 47.8 P8682
- 7561 PARISH, A. J. Housing growers: pullets should perch at three months of age. Poultry World 76: 248. May 25, 1945. 47.8 P8682
- 7562 POWELL-OWEN, W. Culling the young chicks. Poultry World 76: 245. May 25, 1945. 47.8 P8682
- 7563 POWELL-OWEN, W. Rearability is important. Poultry World 76: 281. June 15, 1945. 47.8 P8682
- Record keeping.
- 7564 PRITCHETT, H. D. Detection and effects of improper slaughter in dressed poultry. Vet. Med. 40: 238-240. July 1945. 41.8 M69
- 7565 PUTTING utility into the standards. By "Rufus." Poultry [London] 96: 329. May 22, 1945. 47.8 P869
- 7566 RAIMO, H. F. Relação entre a hora da postura, o número e o peso dos ovos na galinha doméstica. São Paulo (State). Dept. da Prod. Anim. B. de Indus. Anim. (n. s.) 7(3/4): 64-72. July/Oct. 1944. 49 R324
- English summary.
- 7567 \*RAO, S. S. A short note on duck rearing in Kaikalur Taluq of Krishna District. Indian Vet. J. 21: 354-355. Mar. 1945. 41.8 In2
- 7568 RENSHAW, B. Extra incubator starts hatchery; industry; Zeeland, Mich., is chick capital of Middle West. Prairie Farmer, Ind. Ed. 117(13): 5. June 23, 1945. 6 P883C
- 7569 ROBERTSON, G. Maintaining flock production. Canad. Poultry Rev. 69(6): 28-30. June 1945. 47.8 C16
- 7570 ROBINSON, J. A squab in every pot. Country Book Mag. 5(1): 8-17. Summer 1945. 6 C836
- 7571 ROGERS, G. A. What's up inside the layers house. Poultry Farmer [London] 112(2918): 6. May 25, 1945. 47.8 F312
- 7572 ROSCOE, C. Don't keep more ducks than you can feed. Poultry [London] 96: 374. June 12, 1945. 47.8 P869
- General care.
- 7573 ROSCOE, C. Don't turn duck eggs after 23rd day. Poultry [London] 96: 342. May 29, 1945. 47.8 P869
- 7574 SAUNDERSON, T. Post-war poussin profits. Poultry Farmer [London] 112(2920): 3. June 8, 1945. 47.8 F312
- Advice on raising table poultry.
- 7575 SERFONTEIN, P. J. Duck farming. Union So. Africa. Dept. Agr. and Forestry. Pam. 248 (Ext. Ser., No. 39), 55 p. Pretoria, 1944. 24 So84P
- 7576 SICER, J. W. Better pullets with less work. Successful Farming 43(7): 56, 58-59. July 1945. 6 Sul2

- 7577 SMITH, E. Y. From music and dancing to turkeys. Turkey World 20(6): 14-15, 37-40. June 1945. 47.38 T84
- Description of the Meeker-Miller Turkey Farm.
- 7578 SMITH, H. H. What is a hatchable egg? Poultry Farmer [London] 112(2919): 3. June 1, 1945. 47.8 F312
- 7579 SWEPSTONE, H. E. Post-war batteries. 33-33, 1. e. 34. Poultry Farmer [London] 112 (2918): 3; (2919): 3. (Concl.) May 25, June 1, 1945. 47.8 F312
33. Hold off food with crop trouble; 33, 1. e. 34. I cure 5% of prolapsus by starvation.
- 7580 TAYLOR, A. G. Progressive turkey raising. Canad. Poultry Rev. 69(6): 7-9. June 1945. 47.8 C16
- 7581 TAYLOR, M. W. Housing plans for growing stock. Mod. Poultry Keeping 52: 428-429. June 13, 1945. 47.8 Eg3
- Discusses systems.
- 7582 TREADWELL, V. C. Kindness pays a dividend. Poultry [London] 96: 390. June 19, 1945. 47.8 P869
- Care.
- 7583 \*URI, D. Results of the inspection in 1943/44 of hens of the prize poultry farms. (In Hebrew.) Hassadeh 25: 279-282. Apr. 1945. 26 H27
- 7584 UYS, C. J. Preparations on poultry farm. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 101, 2 p. Pretoria, 1945. 24 So82Pa
- 7585 VONDELL, J. H. Five culling factors. Canad. Poultry Rev. 69(6): 5. June 1945. 47.8 C16
- 7586 WHICH birds are laying? By "Mac." Poultry Farmer [Sydney] 12(37): 45-50. Feb. 10, 1945. 280.28 Or32
- Includes culling.
- 7587 WILLIAMS, G. T. Cockerels for next season. Poultry [London] 96: 378. June 12, 1945. 47.8 P869
- Purchasing cockerels.
- 7588 WORTHINGTON, J. Why not "store poultry"? Farmers Weekly [London] 22(24): 28. June 15, 1945. 10 F2226
- Fold system of raising poultry.
- 7589 YEOMANS, W. H. S. Commercial egg farming on intensive lines. Mod. Poultry Keeping 52: 410-411. June 6, 1945. 47.8 Eg3
- Description of a poultry farm.

## RABBITS

### Breeds and Breeding

- 7590 BARKER, R. R. Post war Angoras. Carolina Rabbit B. 1(11): 1, 3. May 1945. 40.28 C22
- 7591 CREHAN, F. M. Take a look at the Rex. Small Stock Mag. 29(7): 16, 33, 40. July 1945. 48.8 P442
- 7592 HUGH, B. V. The effects of the Chincilla gap. Small Stock Mag. 29(7): 4-5. July 1945. 48.8 P442
- 7593 KISKEY, F. The genetical background of rabbit breeding. Small Stock Mag. 29(7): 18-19. July 1945. 48.8 P442
- 7594 NORRIS, G. Bucks sterile in summer. Small Stock Mag. 29(7): 8, 45. July 1945. 48.8 P442
- 7595 PARNHAM, G. F. To type or not to type [New Zealand]; that is the question. Small Stock Mag. 29(7): 8. July 1945. 48.8 P442
- 7596 PATWORTH, D. Phenomenal development of the Rex. Poultry [London] 96: 361. June 5, 1945. 47.8 P869
- 7597 PATWORTH, D. Rex breeding problems. Poultry [London] 96: 377. June 12, 1945. 47.8 P869
- 7598 QUISENBERRY, J. H. Additional data on sex control in rabbits. J. Hered. 36: 160. May 1945. 442.8 Am3



7599 WITTE, P. Better New Zealand. Small Stock Mag. 29(7): 22. July 1945. 48.8 P442

#### Feeds and Feeding

7600 PATWORTH, D. No rabbit food anxiety. Poultry [London] 96: 329. May 22, 1945. 47.8 P869

#### Veterinary Medicine

7601 BANKS, A. E. A little knowledge is a dangerous thing. Small Stock Mag. 29(7): 3, 38. July 1945. 48.8 P442

#### Diseases of rabbits.

7602 BLAKE, R. Coccidiosis [in rabbits] causes greatest mortality. Poultry World 76: 259. June 1, 1945. 47.8 P8682

7603 BLAKE, R. Ear canker [in rabbits] can be controlled. Poultry World 76: 283. June 15, 1945. 47.8 P8682

7604 BLAKE, R. Symptoms and cures for common ailments. Poultry World 76: 271. June 8, 1945. 47.8 P8682

#### Diseases and parasites in rabbits.

7605 ENDER, C. A., and HERRIN, R. C. Changes in the volumes of blood and extra-cellular fluid in bowel obstruction of the rabbit. Amer. J. Digest. Dis. 12: 193-196. June 1945. 44.8 Am324

7606 LOWE, S. C. Sore points in Rex. All-Pets Mag. 16(13): 60. June 1945. 48.8 AL5

#### Causes of sore hocks.

7607 PATWORTH, D. Dealing with udder troubles [in rabbits]. Poultry [London] 96: 393. June 19, 1945. 47.8 P869

7608 PATWORTH, D. Risky weeds for rabbits. Poultry [London] 96: 345. May 29, 1945. 47.8 P869

7609 ROCHA E SILVA, M., GRANA, A., and PORTO, A. Inhibitory effect of glycogen upon anaphylactic shock in the rabbit. Soc. Expt. Biol. and Med. Proc. 59: 57-61. May 1945. 44.9 Sol

#### Miscellaneous

7610 BLAKE, R. Wartime rabbit management. Poultry World 76: 247. (Concl.) May 25, 1945. 47.8 P8682

7611 ROA, E. Crie y coma conejos. Cuba. Min. de Agr. Rev. 27(28): 68-69. Nov./Dec. 1944. 8 Ag88Re

7612 SNOW, C. F. Casualties among the rabbits. Mod. Poultry Keeping 52: 449. June 20, 1945. 47.8 Eg3

#### Care.

7613 SNOW, C. F. Critical period in a rabbit's life. Mod. Poultry Keeping 52: 377. May 23, 1945. 47.8 Eg3

#### General care of young rabbits.

7614 SNOW, C. F. Growing rabbits in colonies. Mod. Poultry Keeping 52: 413. June 6, 1945. 47.8 Eg3

7615 ZIMMERMAN, O. Raising rabbits. Dakota Farmer 65(11): 10. June 9, 1945. 6 D14

#### SHEEP AND GOATS

#### Breeds and Breeding

7616 \*BRYZGALOV, S. Porodnoe raionirovanie ovtshevodstva [Regional distribution of breeds in sheep raising]. Sovkhoz. Proizvod. 4(10/11): 30-36. Oct./Nov. 1944. 20 So85

#### U. S. S. R.

7617 "CORRECTIVE mating" as opposed to "progeny testing" [of sheep]. By "Old Hand." Past. Rev. 55: 342-343. May 16, 1945. 23 Au75

7618 DEVELOPMENT and so-called development in Merinos. By "Old Hand." Past. Rev. 55: 264-265. Apr. 16, 1945. 23 Au75

7619 ECKER, F. Time to select your 1946 herd sire. Amer. Dairy Goat News 7(1): 6. July 1945. 40.18 Am34

7620 \*ESAULOV, P. K planu raionirovaniya porod v ovtshevodstve [Concerning the plan of regional distribution of breeds in sheep raising]. Sofia-list. Sel'sk. Khoz. 16(1/2): 46-49. Jan./Feb. 1945. 281.8 So73

#### In U. S. S. R.

7621 FIFER, M. W. Genetic selection. Amer. Dairy Goat News 7(1): 3. July 1945. 40.18 Am34

7622 \*GLEMBOTSKII, I. A., and VASIL'EV, G. Efektivnost' dvukratnogo osemeneniya ovets [The effectiveness of twice-repeated artificial insemination of sheep]. Sovkhoz. Proizvod. 4(10/11): 40-42. Oct./Nov. 1944. 20 So85

7623 LITTLETON, B. Changes in Rambouillet sheep. Natl. Wool Grower 35(6): 21-22. June 1945. 45.8 N21N

7624 MILLER, R. C. Golden hoofs of agriculture - restocking the breeding flocks [of sheep]. Prog. Farmer, Ky.-Tenn.-W.Va. Ed. 60(7): 12. July 1945. 6 P945K

7625 PAGET, R. F. Sex, inter-sex, sex-linkage and milk yield in goats. Brit. Goat Soc. Monthly J. 38: 25-28. May 1945. 40.19 B77M

7626 PAUL, A. Extremes in Merino-breeding. Farmer's Weekly [Bloemfontein] 69: 134-135. Apr. 4, 1945. 24 F225

7627 \*WEBER, W. Monofollikuläre, zweieiige Zwillinge bei der Ziege. Schweiz. Arch. f. Tierheilk. 86: 489-498. Dec. 1944. Ref. 41.8 Sch9

#### Feeds and Feeding

7628 BRIGGS, H. M. Fattening lambs on wheat pasture. Feedstuffs 17(22): 20-21. June 2, 1945. 286.81 F322

Also in Sheep and Goat Raiser 25(9): 34-35. June 1945. 45.8 Sh3

7629 LAMOND, H. G. Our failing pastures? II. Past. Rev. 55: 267-268. Apr. 16, 1945. 23 Au75

Effect of sheep on pastures of Australia.

#### Veterinary Medicine

7630 \*CSONTOS, J. Seuchenhafte ansteckende herzmuskel- und skelettmuskelentartung der lämmer. Deut. Tierärztl. Wchnschr. 51: 121-124. Mar. 27, 1943. 41.8 D482

7631 ETTIEN, MRS. I. E. [Treatment of diseases of goats]. Amer. Dairy Goat News 7(1): 5, 9. July 1945. 40.18 Am34

7632 GORDON, M. D. Sickness in young goats. Field 185: 422. Apr. 28, 1945. 10 F45

7633 HAWKINS, P. A., and COLE, C. L. Studies of sheep parasites. V. Immunity to gastrointestinal nematodes. J. Parasitol. 31: 113-118. Apr. 1945. 44.8 J824

7634 HUNTER, A. H., EDEN, A., and GREEN, H. H. Contributions to the study of swayback in lambs. I. Field experiments. II. Blood copper investigations. J. Compar. Path. and Ther. 55: 19-40. Jan. 1945. 41.8 J82

7635 \*KAPUR, H. R. Contagious (?) keratitis in goats. Indian Vet. J. 21: 309-316. Mar. 1945. 41.8 In2

7636 \*ORLÖV, E. S., KAKHOVSKIY, K. M., and FISHBEIN, V. I. A. Reaktsiya svyazyvaniya kompleknta pri brufsellöze ovets [Complement fixation reaction in brucellosis of sheep]. Veterinariya 21(1): 12-14. Jan. 1944. 41.8 V6426

7637 ROSENBERGER, A. C. Some sheep disease problems. Part I. Toxemia of pregnancy. Allied Vet. 16(3): 9-10. May/June 1945. 41.8 AL5

7638 STEWART, J., MCCALLUM, J. W., and TAYLOR, A. W. Observations of the blood picture of Johnes' disease in sheep and cattle with special reference to the magnesium content of the blood. J. Compar. Path. and Ther. 55: 45-48. Jan. 1945. 41.8 J82

7639 \*STREICH, W. Lymphangioendotheliome beim schaf. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 34-36. Apr. 24, 1943. 41.8 D482

7640 TAYLOR, A. W. Ovine paratuberculosis (Johnes' disease of sheep). J. Compar. Path. and Ther. 55: 41-44. Jan. 1945. 41.8 J82



7641 THOMAS, B., ESCRITT, J. R., and TRINDER, N. The minor elements of common heather (*Calluna vulgaris*). *Empire J. Expt. Agr.* 13: 93-99. Apr. 1945. 10 Em7

In relation to deficiency diseases of sheep.

7642 WELCH, H. Worms in lambs. *Mont. Farmer* 32(19): 17. June 1, 1945. 6 M764

7643 \*WYSSMANN, E. Statistische erhebungen über schwergeburten bei ziegen. *Schweiz. Arch. f. Tierheilk.* 87: 57-65, 83-90. Feb., Mar. 1945. Ref. 41.8 Sch9

#### Miscellaneous

7644 ARMSTRONG, H. Sheep ranch no easy life. *Mont. Farmer* 32(20): 5. June 15, 1945. 6 M764

7645 CAN THE shortage of good shearers be overcome? By "Jason." *Past. Rev.* 55: 266. Apr. 16, 1945. 23 Au76

Training for shearing.

7646 CANTRELL, F. Goat raising at a Mexican mission. *Dairy Goat J.* 23(5): 9. July 1945. 40.18 M592

7647 GORDON, M. D. When goats fail to kid. *Field* 185: 475. May 12, 1945. 10 F45

Care.

7648 HEEP, F. W. Get your sheep ready for summer. *Farmer-Stockman* 58: 210. June 1945. 6 Ok45

7649 LITTON, G. W. Weaning time [for lambs]. *East. Breeder* 7(2): 49-51. July 1945. 49 V81

7650 \*MUGGLI, J. Von den leistungen hochgezüchteter milchziegen. *Schweiz. Milchztg.* 71: 2. Jan. 3, 1945. 44.8 Sch92

7651 WENTWORTH, E. N. The evolution of sheep shearing in America. *Sheep and Goat Raiser* 25(9): 22, 24-27, 30, 32. June 1945. Ref. 45.8 Sh3

7652 WILLARD, J. Winged gunners. *Mont. Wool Grower* 19(7): 7, 16-17. July 1945. 45.8 M762

Control of coyotes.

#### SWINE

##### Breeds and Breeding

7653 BOUCHER, H. What determines profit? Here's how you can boost your hoglot profits 50%. *Hog Breeder* 20(6): 12. June 1945. 46.8 H672

Advantages of maintaining purebred hogs.

7654 COLE, R. Berkshires are tops says...Tennessee 4-H Club boy. *Berkshire News* 10(8): 38. June 1945. 46.8 B454

7655 CORRÊA, O. N., and CORRÊA, L. N. O porco Nilo. *Rev. dos Criadores* 16(4): 16. Apr. 1945. 43.8 R32

Native Brazilian breed.

7656 DEVORE, F. A word from the Old Sodbuster to the Poland China breeders. *Hog Breeder* 20(6): 30-31. June 1945. 46.8 H672

7657 EDGERTON, C. T. The place of purebreds in commercial pork production. *Hog Breeder* 20(6): 16. June 1945. 46.8 H672

7658 HARSCH, G. Hampshire business has a reconversion job. *Amer. Hampshire Herdsman* 20(6): 16, 48. June 1945. 46.8 Am33

7659 HOLAND, P. Poland China sow smashes production records. *Hog Breeder* 20(6): 26. June 1945. 46.8 H672

7660 \*M. Ueber die zuchtleistungen des schweines. *Schweiz. Milchztg.* 71: 148. Apr. 17, 1945. 44.8 Sch92

7661 \*M. Der wert der abstammung in der schweinezucht. *Schweiz. Milchztg.* 71: 89. Mar. 9, 1945. 44.8 Sch92

7662 PETERS, W. H. Swine breeding methods. *Chester White World* 25(10): 14-15. June 1945. 46.8 C42

##### Feeds and Feeding

7663 ALLAN, J. A. 30 tons protein food wasted per week; how brewery yeast can be used as a...pig food. *Farmer & Stock-Breeder* 59: 811. May 22, 1945. 10 F228

7664 BOHSTEDT, G. Corn only for pigs. *Hoard's Dairyman* 90: 329. June 10, 1945. 44.8 H65

7665 CUNHA, T. J., WARWICK, E. J., and ENSMINGER, M. E. Cull peas; valuable feed for pigs in dry lot. *West. Livestock J.* 23(38): 64. June 15, 1945. 6 F2278

7666 DUCK, R. W. Feeding young pigs. *Rural New-Yorker* 104: 326-327. June 16, 1945. 6 R88

7667 FERRIN, E. F. Raising pigs without skim-milk. *Duroc News* 19(6): 28. June 1945. 46.8 N212

7668 \*P., N. Erhebliche futterersparnis durch hämoglobinzufuhr im schweinefutter. *Schweiz. Milchztg.* 71: 10. Jan. 9, 1945. 44.8 Sch92

7669 \*POTARIN, A. Ispol'zovat' deshevye kor-moye resursy [Utilization of inexpensive feed sources]. *Sovkhoz. Proizvod.* 4(10/11): 13-14. Oct./Nov. 1944. 20 So85

Swine in the Stavropol region.

7670 \*THOMANN, W. Die schweinernast. *Schweiz. Milchztg.* 71: 112. Mar. 23, 1945. 44.8 Sch92

7671 WEAVER, L. A. Rations for weanling pigs. *Hereford Swine J.* 5(6): 15. June 1945. 46.8 H42

7672 WORDEN, A. N. Brewers yeast in feed. *Flour & Feed* 46(1): 37. June 1945. 298.8 F66

Swine.

#### Veterinary Medicine

7673 \*CARRA, L. Contributo alla diagnosi ed alla lotta contro la peste suina. *Azione Vet.* 12: 48-50. Feb. 1943. 41.8 Az3

7674 CASTAÑEDO, J. A. Vacuna sus cerdos. Pero hagalo comodamente. *Cuba. Min. de Agr. Rev.* 27(28): 33-34. Nov./Dec. 1944. 8 Ag88Re

7675 GREEN, T. C. Conditions ripe for hog cholera flareup in State. *W. Va. Dept. Agr. Market B.* 29(7): 1, 5. July 1, 1945. 2 W522W

7676 \*JEZERSKI, A. Rotlaufbekämpfung mit abgetöteter vakzine und serovakzine. *Schweiz. Arch. f. Tierheilk.* 87: 96-98. Mar. 1945. 41.8 Sch9

7677 \*LÁSZLÓ, F. Zur bursitis des schweines. *Deut. Tierärztl. Wchnschr.* 51: 47-48. Jan. 30, 1943. 41.8 D482

7678 \*M. Schweinekrankheit verbunden mit schweinesterben. *Schweiz. Milchztg.* 71: 139. Apr. 13, 1945. 44.8 Sch92

7679 \*OPPERMANN, T. Rätsel um den plötzlichen herztod des schweines? *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 51/49: 27-28. Apr. 24, 1943. 41.8 D482

7680 \*S, S. Schweinesterbet. *Schweiz. Milchztg.* 71: 212. June 5, 1945. 44.8 Sch92

Result of feeding cocoa waste.

7681 \*SCHMIDT, E. Betrachtungen über den impf-rotlauf. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 51/49: 28-29. Apr. 24, 1943. 41.8 D482

After vaccination.

7682 SHELTON, E. J. Causes of pig paralysis. *Live Stock B.* May 1, 1945, p. 20. 23 F222

7683 \*SOLOMKIN, P. S., and ROZANOV, N. I. O prizhizmennoi serodiagnostike batsilliarnoi rozhi svinel [Concerning the serodiagnosis of bacillary erysipelas in swine during their lifetime]. *Veterinariia* 21(1): 24-25. Jan. 1944. 41.8 V6426

7684 \*T. Schweinesterbet. *Schweiz. Milchztg.* 71: 224. June 15, 1945. 44.8 Sch92

Result of feeding cocoa waste.

#### Miscellaneous

7685 BALDRIDGE, H. Proven practices. *Hog Breeder* 20(6): 8. June 1945. 46.8 H672

Care of the brood sow and litter.

7686 \*CERRA, F. Esito dell'esperimento di allevamento suini al pubblico macello di Domodossola. *Azione Vet.* 9: 142-143. Apr. 1940. 41.8 Az3

7687 \*KARPOV, N. Sovkhoz v dni voiny. *Sovkhoz. Proizvod.* 4(10/11): 36-39. Oct./Nov. 1944. 20 So85

State swine farm in U. S. S. R. during the war.

7688 TEMPLE, R. War-time lessons for the pig-keeper. *Farmers Weekly [London]* 22(22): 29. June 1, 1945. 10 F2226



## ENTOMOLOGY

## GENERAL

- 7689 AVEROLDI, O. L. A fecundidade prodigiosa dos insetos combatida pela destruição eficaz do exercito alado. Fauna [São Paulo] 4(4): 7-10. Apr. 1945. 410 F272  
Birds as insect predators.
- 7690 BOTTING, E. A. Infinitesimal wonders; structures of insect anatomy seen in photomicrographs. Country Life [London] 97: 814-815. May 11, 1945. 80 C83
- 7691 BROMLEY, S. W. Robber fly [Bombomima grossa] and Japanese beetle [Popillia japonica]. Brooklyn Ent. Soc. B. 40: 44-47. Apr. 1945. 420 B79  
Also lists prey among the Coleoptera, Hymenoptera, Lepidoptera, and Hemiptera.
- 7692 BURR, M. The island of Flaty. Ent. Rec. and J. Variation 57: 67-69. June 1945. 421 En89  
Observations on insects and plants.
- 7693 DENNELL, R. Insect epicuticle. Nature [London] 155: 545. May 5, 1945. 472 N21
- 7694 EDDY, B. Insects are animals. Anim. Kingdom 48: 62-66. May/June 1945. 410.9 N483B
- 7695 \*FRANZ, E. Über das flügelgeäder der insekten. Natur u. Volk 72: 124-126. May 1, 1942. 509 F856
- 7696 \*FRANZ, E. Über flügel-rückbildung bei insekten. Natur u. Volk 73: 14-21. Jan. 1, 1943. 509 F856
- 7697 GIVENS, S. T. V. Bird "anting." Victorian Nat. 62(1): 8-9. May 10, 1945. 410 V66
- 7698 \*LANGE, E.-G. Die beziehungen zwischen lebensraum und lebensäußerungen von insekten; betrachtungen über die besondere bedeutung des klein-klimas für die schädlingsbiologie und -bekämpfung. Anz. f. Schädlingssk. 20: 16-22. 1944. Ref. 421 An9
- 7699 PIERCE, W. D. Fossil arthropods of California. 5a-8. South. Calif. Acad. Sci. B. 44: 1-9. Jan./Apr. 1945. 500 So8  
Contents: 5a. A crystallized millipede [Parajulus lasti n. sp.] from volcanic rock in a well (Cont.), p. 1-2; 6. Two new fossils [Aphelophlebodes stocki n. g., n. sp.; Protohepialus comstocki n. g., n. sp.] from the upper miocene of the Puente Hills, p. 3-6; 7. A fossil whiptail scorpion [Thelyphonus hadleyi n. sp.] from Cabrillo Beach, p. 7-8; 8. A case of pleistocene myiasis from the La Brea Pits [Prochrysomys howardae n. sp. 2, p. 8-9.
- 7700 ROSEDALE, J. L. Some aspects of insect metabolism. So. African Chem. Inst. J. 28: 3-9. Jan. 1945. 385 So84
- 7701 STEYSKAL, G. Remarks upon spatial relationships in entomological description. Brooklyn Ent. Soc. B. 40: 57-59. Apr. 1945. 420 B79  
Contents: Anterior and posterior vs. cephalic and caudal; The plane of bilateral symmetry.
- 7702 TISSOT, A. N. Some fallacies about insects and insect control. Citrus Indus. 26(7): 14-15. July 1945. 80 C49
- 7703 VERDCOURT, B. Observations on the fauna of static water tanks. Ent. Monthly Mag. 81: 141. June 1945. 421 En86
- 7704 WILTSHIRE, E. P. Is the diapause in insects eradicable? Ent. Rec. and J. Variation 57: 49-51. May 1945. 421 En89
- 7705 ANDERSSON, E. E. Some vegetable insect pests. Union So. Africa. Dept. Agr. and Forestry. B. 255 (Hort. Ser. 9), p. 81-83. 1945. 24 So84F
- 7706 CHRISTIAN, M. B. Powder-post beetles and their control and notes on chlorinated phenols as soil poisons for termite control. Pests 13(6): 20. June 1945. 449.8 Ex8
- 7707 COLLINGWOOD, F. C. Fighting aircraft-borne infectious diseases. New Health 20(6): 3, 8, 14. June 1945. 449.8 N45  
Includes disinfection of aircraft.
- 7708 COX, A. J. DDT within bounds. Pests 13(6): 10, 12-14. (To be cont.) June 1945. 449.8 Ex8
- 7709 CUPPLES, H. L. The surface tensions of calcium chloride solutions at 25° measured by their maximum bubble pressures. Amer. Chem. Soc. J. 67: 987-990. June 1945. 381 Am33J
- 7710 CURREY, D. V. The medical officer of health and his relations with the pest control operator. Pests 13(6): 16, 18. June 1945. 449.8 Ex8
- 7711 DAWSON, J. C. Methyl bromide for infestation control. Amer. Miller and Processor 73(6): 41-42, 81. June 1945. 298.8 Am32
- 7712 \*FINGER, G. Forschung und fortschritt in der bekämpfung tierischer krankheitsüberträger. Z. f. Hyg. Zool. u. Schädlingssk. 36: 1-9. Jan. 1944. Ref. 449.8 Z36
- 7713 FRANCIS, M. Garden friends and foes -8. Pop. Gard. 47: 90. May 19, 1945. 80 G1622
- 7714 FRENCH, C. Records of native insects attacking introduced plants. Victorian Nat. 61: 58-60. July 1944. 410 V66
- 7715 GAYLORD, D. C. Cooperation dips Connecticut's sheep. East. States Co-op. 21(4/5): 14-15. Apr./May 1945. 280.29 Ea7
- 7716 GREAT BRITAIN, IMPERIAL INSTITUTE, CONSULTATIVE COMMITTEE ON INSECTICIDE MATERIALS OF VEGETABLE ORIGIN. Quarterly bibliography of insecticide materials of vegetable origin, No. 29 (October to December 1944). Gt. Brit. Imp. Inst. B. 43: 29-34. Jan./Mar. 1945. 26 G79
- 7717 HAGEN, C. Now they're spraying sheep! Idaho Farmer 63: 303. June 7, 1945. 6 G282  
For control of external parasites.
- 7718 HAMNER, A. L. When to begin dusting for control of cotton insects. Miss. Farm Res. [Miss. Sta.] 8(5): 2. May 1945. 100 M69M1
- 7719 HOEHN, D. Nephrosis probably due to excessive use of Sta-way insect repellent. Amer. Med. Assoc. J. 138(7): 513. June 16, 1945. 448.9 Am37
- 7720 HOLDAWAY, F. G. DDT in Hawaii. Hawaii Farm and Home 8(6): 42-43, 51-53. June 1945. 25 H3191
- 7721 IT IS wise to dust peanuts; more peanuts and better hay increase crop value. Fla. Grower 53(6): 10. June 1945. 80 F6622  
Material prepared jointly by the Bureau of Plant Industry, Soils and Agricultural Engineering; the Extension Service; and the Agricultural Adjustment Agency.
- 7722 JONES, L. W. Insecticide marketing; problems of merely getting household insecticide needs to the consumer require main efforts of NAIDM Insecticide Marketing Committee. Soap and Sanit. Chem. 21(6): 129, 131. June 1945. 307.8 Sol2
- 7723 JOUBERT, C. J. The grey or white garden snail. [Theba pisanaj]. Union So. Africa. Dept. Agr. and Forestry. B. 255 (Hort. Ser. 9), p. 92-96. 1945. 24 So84F
- 7724 KEEP fruit trees pest-free; don't let maggots eat your apples. By Entomologist. Pop. Gard. 47: 98. May 26, 1945. 80 G1622
- 7725 \*LAUGER, P., MARTIN, H., and MULLER, P. Über konstitution und toxische wirkung von natürlichen und neuer synthetischen insektentötenden stoffen. Helvetica Chim. Acta 27: 892-928. 1944. 385 H36  
Reprint.
- 7726 LEVER, R. J. A. W. Entomological notes. 1-4. Fiji Dept. Agr. Agr. J. 16(1): 8-11. Mar. 1945. Ref. 25 F47Ag  
Contents: 1. Food preferences of some beetles for stored products, p.1; 2. The larger cabbage moth, Cro-

## GENERAL - ECONOMIC



cidolomia binotalis Zell, p. 9-10; 3. Fruit fly *Dacus passiflorae*, parasites and host plants, p. 10; 4. The predaceous plant bug *Cyrtorhinus* in Fiji, p. 11.

7727 LEVER, R. J. A. W. The ideal insecticide [DDT]. Fiji Dept. Agr. Agr. J. 16(1): 1. Mar. 1945. 25 F47Ag

7728 LIU, W. T. Studies on the murine origin of typhus epidemics in North China: 3. Isolation of murine typhus *Rickettsia* from rats, rat-fleas and body-lice [*Pediculus humanus corporis*] of patients during an epidemic in a poor house. Chinese Med. J. 62: 119-139. Apr./June 1944. Ref. 448.8 C44

7729 LODGE, C. Fleas - lice - mites. Poultry Farmer [London] 112(2920): 6. June 8, 1945. 47.8 F312

7730 LÓPETZ ALONSO, A., and ARRIETA M., D. L. La campaña contra plagas. Convenio firmado entre "Fomento de Yucatán" y la Secretaría de Agricultura. Fomento [monthly] 2(17): 5, 14, 26. Mar. 1945. 8 F734

Fungus diseases and mealybugs [*Pseudococcinae*].

7731 LYLE, C. Cotton insect recommendations, 1945. Miss. Farm Res. [Miss. Sta.] 8(5): 7-8. May 1945. 100 M69M1

7732 LYLE, C. DDT, wonder insecticide, of use on farms. Miss. Farm Res. [Miss. Sta.] 8(4): 1-2. Apr. 1945. 100 M69M1

7733 MANSON-BAHR, P. Co-operation in the war against disease. Nature [London] 155: 593-596. May 19, 1945. 472 N21

International cooperation against spread of insect-borne diseases.

7734 MEXICO. DIRECCION GENERAL DE AGRICULTURA. SECCION DE LEGISLACION CUARENTENARIA. Reglamento del Comité Regional de Defensa Agrícola de la Región Limonera de Occidente. Mex. Ofic. Fitosanit. Fitófilo 3(6): 54-64. Nov./Dec. 1944. 421 F55

7735 MOORE, W. B. How to save \$230,546,000. Acco Press 23(6): 7-8. June 1945. 6 Ac2

Insect damage to cotton.

7736 NELSON, F. C. Insecticide testing; report on fly breeding, new AA grade OTI, roach testing, sprayers by NAIDM Insecticide Scientific Committee. Soap and Sanit. Chem. 21(6): 124-126. June 1945. 307.8 Sol2

7737 \*O, S. Z. Soll die schädlingbekämpfung im Obstbau trotz den frostschäden nach dem spritzplan fortgesetzt werden? Schweiz. Z. f. Obst- u. Weinbau 54: 199. May 26, 1945. 80 Sch9

7738 OFFICIAL test insecticide; how and why of the OTI as put out by NAIDM for Peet-Grady insect spray testing. Soap and Sanit. Chem. 21(6): 137, 141. June 1945. 307.8 Sol2

7739 PHILLIPS, H. L. Pests and diseases. Gard. Gossip 20(6): 13. June 1945. 80 G1625

7740 PICKLES, A. Pest problems of sugar cane cultivation in Trinidad. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1943: 27-33. 1944. 65.9 B775

Discusses *Tomaspis*, *Charina* Dist.; *T. guppyi* Urich; *Diatraea* spp.; *Castnia licus* Drury; *Mocis repanda* Fabr.; *Laphygma frugiperda* S. & A.; *Myochrous armatus* Baly; *Ligyris tumulosus* Burm.; *Sipha flava* Forbes; *Aphis maidis* Fitch.

7741 POMERANTZ, C. Why a PCO conference. Pests 13(6): 6, 8, 10. June 1945. 449.8 Ex8

7742 QUACKENBUSH, A. Gardening in Connecticut. Conn. Circle 8(6): 66-67. June 1945. 280.8 C7632

Pests of vegetables.

7743 \*QUEISNER, R. Erfahrungen mit blausäure bei grossraumentwesungen. Z. f. Hyg. Zool. u. Schädlingbekämpfung. 36: 130-137. Aug./Sept. 1944. 449.8 Z36

7744 R. Soil insects that damage crops; danger greatest in the larval stage. Farmers' Gaz. [Dublin] 103: 260. May 5, 1945. 10 F221

7745 \*RAHMAN, A. Insect pests of fruit trees. Indian Farming 5: 463-466. Oct. 1944. 22 In283

7746 RAMBO, E. K. Parasite control; action needed now for control measures of parasites on live stock. Ark. Farmer 47(6): 8-9. June 1945. 6 Ar42

7747 REDD, J. B. Oil deposits from commercial oil emulsions. Citrus Indus. 26(6): 6-7, 9, 11, 14-15, 22. June 1945. 80 C49

7748 S., W. D. Best methods of dealing with the slug menace. Pop. Gard. 47: 98. May 26, 1945. 80 G1622

7749 \*SCHLOTE, A. Die verbrennung von schwefelpräparaten zur raumentwesung ohne verbrennungsgefässe. Z. f. Hyg. Zool. u. Schädlingbekämpfung. 36: 112-114. July 1944. 449.8 Z36

7750 \*SCHNEIDER, F. Der heutige stand der schädlingbekämpfung im obstau. Schweiz. Z. f. Obst- u. Weinbau 54: 143-147, 151-155. (Concl.) Apr. 14, 28, 1945. 80 Sch9

7751 \*SCHNEIDER-ORELLI, O. Über den heutigen stand der schädlingbekämpfung in der land- und forstwirtschaft. Schweiz. Z. f. Forstw. 95: 361-373. Nov. 1944. 99.8 Sch9

7752 \*SCHULZE, K. Die wirkung der pyrethrins bei niedriger temperatur. Z. f. Hyg. Zool. u. Schädlingbekämpfung. 36: 67-73. Apr./May 1944. Ref. 449.8 Z36

The action of pyrethrin aerosol is not affected by variation in temperature.

7753 SEARLS, E. M. DDT in dairy industry. Milk Dealer 34(9): 115-118. June 1945. 44.8 M595

7754 SMIT, B. Mixtures for control of insect pests. Union So. Africa. Dept. Agr. and Forestry. B. 255 (Hort. Ser. 9), p. 96-100. 1945. 24 So84P

7755 SNYDER, G. R. Fighting pests in garden. Marit. Farmer and Co-op. Dairymen 50(18): 26. June 19, 1945. 7 C77

7756 TEST DDT on spruce forests. Farmer's Mag. 42(6): 64-65. June 1945. 7 C165

7757 THOMAS, F. L. Cotton insect situation in Texas. Acco Press 23(6): 9. June 1945. 6 Ac2

7758 U. S. DEPT. OF AGRICULTURE. New insecticide developed for war use [DDT]. Hygeia [Chicago] 23: 520-521, 558. July 1945. 449.8 H993

7759 VAN DER MERWE, C. P. Harmful insects and plant diseases. Union So. Africa Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 118, 2 p. May 4, 1945. 24 So82Pa

Precautions necessary against importation of harmful insects and plant diseases.

7760 VAN DER MERWE, C. P. Spreading of pests. Union So. Africa Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 119, 2 p. May 8, 1945. 24 So82Pa

Necessity for law restrictions on transport of plants as a precaution against pests.

7761 WESTCOTT, C. Here are your garden enemies. Home Gard. 5(6): 49-50, 55-58. June 1945. 80 H756

Four more important types of insect pests.

7762 ZICK, W. J. Legislation in 1945; summary of State and Federal legislative activity affecting insecticides and disinfectants reported by NAIDM Legislative Committee. Soap and Sanit. Chem. 21(6): 127, 129. June 1945. 307.8 Sol2

#### APICULTURE AND APIS MELLIFERA

7763 LAS ABEJAS en la agricultura Yucateca. By Columela. Fomento [monthly] 2(16): 3-4, 25. Feb. 1945. 8 F734

Pollination of agricultural crops.

7764 \*BERNER, Die frühpollentracht. Northwest-deut. Bienenztg. 1: 177-178. Mar. 1944. 424.8 N75

7765 BESSEY, R. H. An idea on painting hives containing bees. Gleanings Bee Cult. 73: 301. July 1945. 424.8 G47

7766 BESSONET, E. C. The production of queen bees; behavior of bees in cell production. Amer. Bee J. 85: 239, 255. (Cont.) July 1945. 424.8 Am3



- 7767 **BOVER, P. J.** El santo y seña del apicultor. Campo [Buenos Aires, 29(339): 46. Jan. 1945. 9 C15
- 7768 **\*BRODEBCK, A.** Wie dient der Belegstationschef dem Zuchtbuch? Schweiz. Bienen-Ztg. 67: 423-425. Sept. 1944. 424.8 Sch9
- 7769 **BUZZARD, C. N.** What is wrong with bee-keeping? Country Life [London, 97: 778-779. May 4, 1945. 80 C83  
Apiculture in France and England with comments on factors that cause poor yields of honey.
- 7770 **CALERO, A. C.** Control de equipo y manejo de colmenares. Fomento [monthly, 2(17): 7-8, 22. Mar. 1945. 8 F734
- 7771 **CANTERBURY AGRICULTURAL COLLEGE, NEW ZEALAND.** Red clover and bumble bees [Bombus]. Canterbury Chamber Com. Agr. B. 190, 4 p. Christchurch, 1945. 23 C162  
Seed crop from red clover is dependent upon insect pollination, chiefly bumble bees and honeybees.
- 7772 **\*CASSEL, A.** Improving the output of bees wax. (In Hebrew.) Hassadeh 25: 236-237. Apr. 1945. 26 H27
- 7773 **COGGSHALL, W. L.** Taking off and extracting the crop. Gleanings Bee Cult. 73: 292-294. July 1945. 424.8 G47
- 7774 **\*ENZLER, K.** Der fegling und seine pflege. Imkerpraxis 66: 86. June 1944. 424.8 B34  
Supplemental feeding of colonies.
- 7775 **GAMBLE, R.** All-out effort to control bee disease. Smallholder 73(1834): 15. May 11, 1945. 10 Sml
- 7776 **\*GERBES.** Schutz ehrlicher Imkerarbeit. Nordwestdeut. Bienenztg. 2: 38-39. June 1944. 424.8 N75  
Discusses Pomeranian regulations of Aug. 10, 1943, affecting beekeeping industry.
- 7777 **\*GMÜR, O.** Wie erreiche ich eine gute Beegattung? Schweiz. Bienen-Ztg. 67: 420-422. Sept. 1944. 424.8 Sch9
- 7778 **GOOD** attendance at beekeepers' meeting; bottling problems discussed. By Gubesh. Farmer [Pietermaritzburg, 34(12): 10. Mar. 23, 1945. 24 F227  
Preparation of honey for bottling discussed at committee meeting of the Natal and Zululand Beekeepers' Association.
- 7779 **GUBIN, A. F.** Bee training for pollination of cucumbers. Bee World 26: 34-35. May 1945. 424.8 B399
- 7780 **\*GYGLI, K.** Der schweizerkasten im waldtrachtgebiet. Schweiz. Bienen-Ztg. 68: 239-241. June 1945. 424.8 Sch9
- 7781 **\*HARNEY, W.** Die verstädterung der bienenzucht. Nordwestdeut. Bienenztg. 1: 140-142. Feb. 1944. 424.8 N75  
City vs. country apiaries.
- 7782 **\*HELLER, H.** Noch ein wort zu den völkerverlusten zufolge der milbenbekämpfung [acarapis woodi]. Schweiz. Bienen-Ztg. 68: 261-262. June 1945. 424.8 Sch9  
Comments by O. Morgenthaler, p. 262.
- 7783 **\*HETTRICH.** Wandervorbereitung 1944. Imkerpraxis 66: 73-74. May 1944. 424.8 B34
- 7784 **HOWE, J. W.** The line bred bee. Australasian Beekeeper 46: 218-220. May 15, 1945. 424.8 Au72
- 7785 **\*HUNKELER, M.** Belegstationsbetrieb. Schweiz. Bienen-Ztg. 68: 238-239. June 1945. 424.8 Sch9
- 7786 **KELLOGG, C. R.** Conocimientos básicos para la apicultura. Mex. Ofic. Fitosanit. Fitófilo 3(6): 49-53. (To be cont.) Nov./Dec. 1944. 421 F55
- 7787 **KENT, MRS. J. W.** Rendering wax. West. Canada Beekeeper 8(6): 12. June 1945. 424.8 W525
- 7788 **\*KISTLER, W.** Das schweizerische bienenrecht. Schweiz. Bienen-Ztg. 68: 258-260. June 1945. 424.8 Sch9
- 7789 **\*KÖLLING.** Umstellung der betriebsweise für die weisskleetracht. Nordwestdeut. Bienenztg. 2: 35-36. June 1944. 424.8 N75  
Advantage of white clover to migratory beekeeping.
- 7790 **KREMER, J. C.** Influence of honey bee habits on radish seed yield. Mich. Agr. Expt. Sta. Q. B. 27: 413-420. May 1945. 100 M588
- 7791 **\*LEHMANN, A.** Die zuckerbeschaffung 1944. Schweiz. Bienen-Ztg. 67: 457-459. Oct. 1944. 424.8 Sch9  
Sugar for feeding honeybees.
- 7792 **\*LUDWIG, A.** Der sonnenwachsschmelzer; ein märchen vom bösen wacksklau. Imkerpraxis 66: 88-89. June 1944. 424.8 B34
- 7793 **\*LUDWIG, A.** Das sperrverliess. Deut. Bienenwirtsch. 2: 100-101. July 1944. 424.8 D487  
Equipment.
- 7794 **\*MÄDER, W.** Verwertung der rassenköniginnen. Schweiz. Bienen-Ztg. 67: 474-478. Oct. 1944. 424.8 Sch9
- 7795 **MALPASS, G. N.** Utilidad de las abejas en medicina. Fomento [monthly, 2(16): 6, 8. Feb. 1945. 8 F734  
From De la Revista "El Farmacéutico."  
Bee venom, honey, and beeswax.
- 7796 **MÉDICI, M.** Colmenas rústicas y racionales por el tecnico apicultor. Suelo Argentino 4: 242-243. Apr. 1945. 9 Su2
- 7797 **\*MEIERHOFER, E.** Delegiertenversammlung des VDSB [Verein Deutsche-Schweizerischer Bienenfreunde]. Schweiz. Bienen-Ztg. 67: 446-454. Oct. 1944. 424.8 Sch9
- 7798 **\*MEIERHOFER, E.** Jahresbericht über die tätigkeit der sektionen des VDSB [Verein Deutsche-Schweizerischer Bienenfreunde] pro 1944. Schweiz. Bienen-Ztg. 68: 231-237. June 1945. 424.8 Sch9
- 7799 **\*MEYER, H.** Die bienenzucht als lebensberuf. Imkerpraxis 66: 92-93. June 1944. 424.8 B34
- 7800 **\*MEYER, H.** Rapswanderung. Nordwestdeut. Bienenztg. 1: 140. Feb. 1944. 424.8 N75
- 7801 **\*MEYER, H.** Das wachs. Nordwestdeut. Bienenztg. 1: 140-141. Jan. 1944. 424.8 N75
- 7802 **\*MEYER, H.** Die Zusatzversicherung. Nordwestdeut. Bienenztg. 1: 147-148. Feb. 1944. 424.8 N75
- 7803 **MILES, W. C.** Desert beekeeping. Gleanings Bee Cult. 73: 297. July 1945. 424.8 G47
- 7804 **\*MORGENTHAUER, O.** Bäuerliche bienenzucht im 18. jahrhundert. Schweiz. Bienen-Ztg. 67: 553-554. Dec. 1944. 424.8 Sch9
- 7805 **\*MORGENTHAUER, O.** Das salpeter-verfahren als ersatz für den faulbrutfegling? Schweiz. Bienen-Ztg. 67: 546-547. Dec. 1944. 424.8 Sch9
- 7806 **MUNRO, J. A.** What extensive poisoning means to beekeeping. Beekeepers Item 29: 189-190. June 1945. 424.8 B397
- 7807 **"NATAL** beekeepers should wake up." By Gubesh. Farmer [Pietermaritzburg, 34(21): 10. (To be cont.) May 25, 1945. 24 F227  
Active beekeeping association advocated.
- 7808 **OBERMAYER, M. E.** A severe systemic reaction to a bee [Apis mellifera] sting. Arch. Dermat. and Syph. 51: 396-397. June 1945. Ref. 448.8 Ar242
- 7809 **PATTERSON, E. K., DUMM, M. E., and RICHARDS, A. G., JR.** Lipids in the central nervous system of the honey bee. Arch. Biochem. 7(1): 201-210. June 1945. Ref. 381 Ar2
- 7810 **\*RAHMAN, K. A., and SINGH, S.** Robbing in Apis indica F. Indian Farming 5: 499-500. Nov. 1944. 22 In283



- 7811 ROBERTS, J. F. "The best method of feeding bees for stimulating brood-rearing." Australasian Beekeeper 46: 200. Apr. 15, 1945. 424.8 Au72
- 7812 ROBERTS, J. F. "The best method of rehabilitating the returned soldier in beekeeping." Australasian Beekeeper 46: 217. May 15, 1945. 424.8 Au72
- 7813 ROBERTS, R. H. Bees and apple blossom pollination. Beekeepers Item 29: 192-193. June 1945. 424.8 B397
- 7814 ROOT, E. R. Eighty years among the bees. Gleanings Bee Cult. 73: 298-299. (Cont.) July 1945. 424.8 G47
- 7815 \*ROTH, F. Erfahrungen mit der zuckerzuteilung für die herbstfütterung 1944. Schweiz. Bienen-Ztg. 67: 550-551. Dec. 1944. 424.8 Sch9  
Including comments of A. Lehmann.
- 7816 \*SCHLÜTER, H. Betriebsplan der grossimkerei Illertissen (Schwaben). Imkerpraxis 66: 75-76. May 1944. 424.8 B34  
Commercial beekeeping in Illertissen, Germany.
- 7817 \*SCHMIED, G. Die bienenweide-konferenz des VDSB [Verein Deutsche-Schweizerischer Bienenfreunde]. Schweiz. Bienen-Ztg. 68: 242-249. June 1945. 424.8 Sch9
- 7818 \*SCHWARTZ, H. Eine billige und gute wachspresse. Nordwestdeut. Bienenztg. 2: 10. Apr. 1944. 424.8 N75
- 7819 SHOEMAKER, J. Money with bees on a fruit farm. Amer. Bee J. 85: 235. July 1945. 424.8 Am3  
Beekeeping as an adjunct to farming.
- 7820 SOUTHWICK, A. M. Comb betterment. Gleanings Bee Cult. 73: 300. July 1945. 424.8 G47
- 7821 \*SPENNER, Meine bienentränke. Nordwestdeut. Bienenztg. 2: 10-11. Apr. 1944. 424.8 N75
- 7822 \*SPRECHER, F. Beziehungen zwischen biene und pflanze. Schweiz. Bienen-Ztg. 68: 250-257. June 1945. 424.8 Sch9
- 7823 \*SPRECHER, F. Faulbrut und sauerbrut, ihr wesen und ihre bekämpfung. Schweiz. Bienen-Ztg. 67: 415-419. Sept. 1944. 424.8 Sch9
- 7824 \*TARNUTZER, H. A. Hat der nektarentzug bei den pflanzen durch die bienen einen einfluss auf den nährwert des rauhputters? Ein neues argument gegen die wanderbienenzucht? Schweiz. Bienen-Ztg. 67: 408-410. Sept. 1944. 424.8 Sch9  
Is bee visitation injurious to forage plants, with comments by O. Morgenthaler, p. 410-411.
- 7825 \*TISKEN, K. Bienen unter bomben. Nordwestdeut. Bienenztg. 1: 175-176. Mar. 1944. 424.8 N75
- 7826 VOLOVICH, E. "Bashkirian honey." Beekeepers Item 29: 202-203. June 1945. 424.8 B397  
Beekeeping in Bashkir Republic, U. S. S. R.
- 7827 \*VOMSATTEL, M. Bienenkrankheiten im Oberwalliser kreis I; jahresbericht des bieneninspektors pro 1944. Schweiz. Bienen-Ztg. 67: 548-549. Dec. 1944. 424.8 Sch9
- 7828 \*VOMSATTEL, M. Die bienenzucht im nachbarrecht. Schweiz. Bienen-Ztg. 67: 549-550. Dec. 1944. 424.8 Sch9
- 7829 WARR, H. J. Seabee sees stingless bees. Amer. Bee J. 85: 237. July 1945. 424.8 Am3  
Experienced beekeeper tells of stingless bees in New Guinea.
- 7830 \*WEILENMANN, H. Richtpreise für zuchtprodukte. Schweiz. Bienen-Ztg. 67: 516-518. Nov. 1944. 424.8 Sch9  
Price of queen bees.
- 7831 \*WILDEMANN, Der wabenschrank. Nordwestdeut. Bienenztg. 1: 144-145. Feb. 1944. 424.8 N75  
Care of surplus combs.
- 7832 \*WINKLER, A. Zwei wichtige rasseneigenheiten. Schweiz. Bienen-Ztg. 67: 542-544. Dec. 1944. 424.8 Sch9

- 7833 \*WÜRMLI, G. Gemeinsames vorgehen zur anlage von bienenweide. Schweiz. Bienen-Ztg. 67: 426-428. Sept. 1944. 424.8 Sch9
- 7834 \*ZAMBALL, F. Einfluss der bienen auf den nährwert des rauhputters. Schweiz. Bienen-Ztg. 67: 466. Oct. 1944. 424.8 Sch9
- 7835 \*ZAPPI-RECORDATI, A. La vita della api [Apis lugistica]. Ital. Agr. 79: 193-200. Apr. 1942. 16 It1

#### Colony Management

- 7836 BERMANN, S. T. Grafting queen cells. West. Canada Beekeeper 8(6): 7. June 1945. 424.8 W525
- 7837 \*BRÄUNCHE, W. Meine betriebsweise. Imkerpraxis 66: 87-88. June 1944. 424.8 B34
- 7838 \*BRAUN, B. Schwarmverhinderung durch ablegerbildung. Imkerpraxis 66: 84-85. June 1944. 424.8 B34
- 7839 BRAUN, E. Cellar losses heavy. West. Canada Beekeeper 8(6): 11-12. June 1945. 424.8 W525
- 7840 \*BUHK, Warme beuten; 3.6 honig - 1 kg. wachs. Nordwestdeut. Bienenztg. 2: 5-6. Mar. 1944. 424.8 N75  
Warm hives essential for the production of honey and beeswax.
- 7841 \*BURMEISTER, H. Wie ich zur haupttracht starke und leistungsfähige völker erziele. Nordwestdeut. Bienenztg. 2: 21-23. May 1944. 424.8 N75
- 7842 CASTILLO CALERO, A. Control de equipo y manejo de colmenares. Fomento [monthly] 2(17): 7-8. 22. Mar. 1945. 8 F734
- 7843 \*COORDES, H. Eine wichtige und doch noch ungeklärte frage [control of swarming]. Nordwestdeut. Bienenztg. 1: 172-174. Mar. 1944. 424.8 M75
- 7844 \*CORNEHL, A. Der beste brutableger. Nordwestdeut. Bienenztg. 2: 20. May 1944. 424.8 N75
- 7845 \*DITTES, H. Arbeitsparende bienenzucht. Nordwestdeut. Bienenztg. 1: 144-146. Jan. 1944. 424.8 N75
- 7846 ELLERY, J. W. The best method of feeding bees for winter stores. Australasian Beekeeper 46: 200. Apr. 15, 1945. 424.8 Au72
- 7847 GAMBLE, R. Drought stops work - so bees swarm. Smallholder 73(1837): 18. June 1, 1945. 10 Sml
- 7848 GAMBLE, R. Swarm-taking in the quick, sure way. Smallholder 73(1835): 18. May 18, 1945. 10 Sml
- 7849 \*GLOOR, G. Flugbretter aufklappen! Schweiz. Bienen-Ztg. 67: 509-511. Nov. 1944. 424.8 Sch9  
Winter protection and food consumption of honeybee colony with comments by A. Lehmann.
- 7850 \*GOODER, M. Vom einfangen der schwärme in vergangenen zeiten. Schweiz. Bienen-Ztg. 67: 558-562. Dec. 1944. 424.8 Sch9
- 7851 \*HEINO, W. Die überlegenheit der schwarmtragen biene. Nordwestdeut. Bienenztg. 1: 146-147. Feb. 1944. 424.8 N75
- 7852 \*HEINO, W. Zur klärung einer wichtigen frage. Nordwestdeut. Bienenztg. 2: 20-21. May 1944. 424.8 N75  
Control of swarming.
- 7853 \*HERBOLSHEIMER, A. Spätes frühjahr und betriebsweise. Imkerpraxis 66: 67-68. May 1944. 424.8 B34
- 7854 \*JIRENEC, L. Betriebsweise und honig-ertrag. Imkerpraxis 66: 71-73. May 1944. 424.8 B34
- 7855 KENNEDY, J. Prevention of swarming. West. Canada Beekeeper 8(6): 8. June 1945. 424.8 W525



- 7856 \*KLECHA, D. Königinnen-zucht im weisel-richtigen volk. Nordwestdeut. Bienenztg. 2: 42. June 1944. 424.8 N75
- 7857 \*KRUMHACKER-SCHÖNI, K. Wohin gehört die drohnenwabe? Schweiz. Bienen-Ztg. 67: 512-513. Nov. 1944. 424.8 Sch9
- 7858 LEE, D. H. Improving the quality of honey. Gleanings Bee Cult. 73: 289-291, 321. July 1945. 424.8 G47
- The proper handling of honey begins with the bee-keeper.
- 7859 \*LUDWIG, A. "Natürliche bienenzucht." Imkerpraxis 66: 91-92. June 1944. 424.8 B34
- 7860 \*LUDWIG, A. Rettung wertvoller schwarm-königinnen. Nordwestdeut. Bienenztg. 1: 143-144. Jan. 1944. 424.8 N75
- 7861 \*MEYER, H. Der drohn. Nordwestdeut. Bienenztg. 2: 24. May 1944. 424.8 N75
- 7862 \*MEYER, H. Schwarmgedanken. Nordwest-deut. Bienenztg. 2: 36-38. June 1944. 424.8 N75
- 7863 \*MURR, A. Erdüberwinterung. Nordwest-deut. Bienenztg. 1: 143-144. Feb. 1944. 424.8 N75
- 7864 MYERS, A. How to use the first swarm in comb honey production. Amer. Bee J. 85: 234. July 1945. 424.8 Am3
- 7865 PAIRAULT, A. L'essaimage. Fruits et Primeurs de l'Afrique du Nord. Ed. Maroc. 15: 81. Apr. 1945. 80 F9482
- 7866 \*PASCHKE, J. Sollen die bienenhäuser warmhaltender und die bienenbeuten leichter gebaut werden? Nordwestdeut. Bienenztg. 2: 6-8. Apr. 1944. 424.8 N75
- 7867 PASCUAL, P. Trabajos a realizarse en el apiario durante el otoño. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 157, 156. (To be cont.) Mar. 22, 1945. 9.9 G15B
- 7868 PHILLIPS, E. F. The spring crisis in New York State beekeeping. Amer. Bee J. 85: 233-234, 236-237. July 1945. 424.8 Am3
- Colony development upset by unseasonable hot weather in March.
- 7869 RANUM, E. Experience in introducing queens. Gleanings Bee Cult. 73: 301. July 1945. 424.8 G27
- 7870 ROBERTS, W. C. Try raising your own queens. Wis. Hort. 35: 228-229. May/June 1945. 80 W752
- 7871 \*SCHWEIER, J. Meine betriebsweise in Zander- und Kuntzschbeuten. Imkerpraxis 66: 69-70. May 1944. 424.8 B34
- 7872 STUYVESANT, G. H. Safe and easy requeening. Amer. Bee J. 85: 237. July 1945. 424.8 Am3
- 7873 UNWANTED bees fall for decoys. By Gubeshe. Farmer [Pietermaritzburg] 34(17): 10. Apr. 27, 1945. 24 F227
- How to keep swarms out of buildings.
- 7874 \*VOMSATTEL, M. Über den wärmeschutz im winter. Schweiz. Bienen-Ztg. 67: 508. Nov. 1944. 424.8 Sch9
- 7875 \*WÄHNER, E. Mehr erfahrungsaustausch! Imkerpraxis 66: 76-78. May 1944. 424.8 B34
- 7876 WALSH, R. S. Are hive mats necessary throughout the year? New Zeal. Beekeeper 7(2): 28. Apr. 1945. 424.8 N483
- 7877 \*WEGMANN, F. Das zusetzen der königin in der bautraube. Schweiz. Bienen-Ztg. 67: 467-471. Oct. 1944. 424.8 Sch9
- 7878 \*WELLSTEIN, C. Die verwendung der zucht-königinnen. Deut. Bienenwirtsch. 2: 105-106. July 1944. 424.8 D487
- 7879 \*WILDERMANN. Alles zur rechten zeit. Nordwestdeut. Bienenztg. 2: 3-4. Apr. 1944. 424.8 N75
- Importance of young, vigorous queen.
- 7880 WILLIAMS, G. H. Introducing queens re-ceived through mail. Amer. Bee J. 85: 236. July 1945. 424.8 Am3
- See also Honey and Beeswax in Agricultural Products section.
- ARACHNIDA, MYRIAPODA, ETC.
- 7881 \*ANDRÉ, M. Acariens bibliophiles. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 32-37. Jan. 1941. Ref. 410.9 P213
- 7882 \*ANDRÉ, M. Acariens rencontrés sur des myriapodes. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 181-185. Apr./May/June 1943. 410.9 P213
- 7883 \*ANDRÉ, M. L'appareil respiratoire du Leeuwenhoekia paradoxa M. André (formé larvaire de Thrombidiidae (acarions)). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 406-409. Oct./Nov./Dec. 1943. 410.9 P213
- 7884 \*ANDRÉ, M. Une espèce nouvelle de Leeuwenhoekia (acarion) parasite de scorpions. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 294-298. July/Aug./Sept. 1943. 410.9 P213
- Leeuwenhoekia paradoxa n. sp.
- 7885 \*ANDRÉ, M. L'hivernation chez les tetranyques et ses rapports avec la lutte contre ces acarions phytophages. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 57-62. Jan. 1942. Ref. 410.9 P213
- 7886 \*DEMANGE, J. M. Remarques sur le système trachéen d'Hydroschendyla submarina (Grube) et celui des myriapodes géophilomorphes en général. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 422-427. Oct./Nov./Dec. 1942. 410.9 P213
- 7887 \*DEMANGE, J. M. Sur le développement postembryonnaire et la chaetotaxie d'Hydroschendyla submarina (Grube) (myriapodes). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 418-423. Oct./Nov./Dec. 1943. 410.9 P213
- 7888 \*DOLLFUS, R. P., and CARAYON, J. Pseudoscorpion hyndmani (Spence Bate et J. O. Westwood) chez Anapagurus laevis V. Thompson. Discussion de la spécificité parasitaire de ce Pseudoscorpion (Isop. Epicaridea). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 445-450. Oct./Nov./Dec. 1942. 410.9 P213
- 7889 FAGE, L. Description d'une leptonète de Corse suivie de remarques sur les araignées cavernicoles du genre Stalita. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 171-174. Apr./May/June 1943. 410.9 P213
- Leptoneta corsica n. sp.; Stalita haasi pauciacule-ata n. var.
- 7890 \*FISCHER, H. Beobachtungen an der wespenspinne (Argiope brünnichii SCOP.). Natur u. Volk 73: 150-155. July 1, 1943. 509 F856
- 7891 \*FOLEY, H. Sur la synonymie d'un scorpion saharien, Buthacus durosi Pallary. Inst. Pasteur d'Algérie. Arch. 23(1): 64-66. Mar. 1945. 448.3 In7A
- 7892 GIBSON, W. W. A list of spiders collected near Memphis, Tennessee. Tenn. Acad. Sci. J. 20: 214-217. Apr. 1945. 500 T25A
- 7893 \*GRANDJEAN, F. L'ambulacre des acarions. (2<sup>e</sup> série.) Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 303-310. July/Aug./Sept. 1943. 410.9 P213
- 7894 \*GRANDJEAN, F. Observations sur les acarions du genre Caeculus. Arch. Sci. Phys. et Nat. 5. période, 26: 33-46. Jan./Feb. 1944. Ref. 475 Ar22
- 7895 \*GRANDJEAN, F. Observations sur les Labidostomidae [i.e. Labidostomatidae] (acarions). (4<sup>e</sup> série.) Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 414-418. Oct./Nov./Dec. 1942. 410.9 P213
- 7896 \*GRANDJEAN, F. Observations sur les oribatés. (16<sup>e</sup> série.) Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 410-417. Oct./Nov./Dec. 1943. 410.9 P213
- Includes Elapheremaeus n. g.



- 7897 \*GRANDJEAN, F. Les trichobothries pédicées des acaréens et leur priorité chez les bdellides [Bdellidae]. Soc. de Phys. et Hist. Nat. Genève. Compt. Rend. 60: 241-246. Aug./Nov. 1943. 508 G28C
- 7898 \*GUEUTAL, J. De l'éclosion chez un Opilion: Phalangium opilio L. Soc. Ent. de France. B. 49: 24-26. Feb. 1944. 420 F84B
- 7899 HILL, M. A., and GORDON, R. M. An outbreak of dermatitis amongst troops in North Wales caused by rodent mites. Ann. Trop. Med. and Parasitol. 39: 46-52. May 31, 1945. Ref. 448.9 L75A  
Haemogamasus oudemansi and Hypoaspis fenilis considered probable causes.
- 7900 \*LEGRAND, J. J. Les isopodes terrestres des départements de la Dordogne et du Lot-et-Garonne. (1<sup>er</sup> partie.) Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 406-410. Oct./Nov./Dec. 1942. 410.9 P213  
New spp. and forms in: Oritoniscus 2; Trichoniscoides 2; Phymatoniscus.
- 7901 MAGISTRETTI, G. El ácaro rojo europeo [Paratetranychus pilosus]; una nueva plaga de los frutales. Suelo Argentino 4: 253-254. Apr. 1945. 9 Su2
- 7902 MUMA, M. H., and MUMA, K. E. Biological notes on Atypus bicolor Lucas (Arachnida). Ent. News 56: 122-126. May 1945. 421 En88
- 7903 \*PAULIAN DE FELICE, L. Un nouvel isopode saharien. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 403-405. Oct./Nov./Dec. 1942. 410.9 P213  
Spelaeoniscus sahariensis n. sp.
- 7904 \*PAULIAN DE FELICE, L. Quelques observations sur les oniscoides de Banyuls-sur-Mer (Pyrénées-Orientales). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 158-165. Mar. 1941. 410.9 P213  
Includes Porcellio banyulensis n. sp.; P. lugubris duboscqui n. subsp.
- 7905 PEREIRA, C., and CASTRO, M. P. DE. Morfologia externa e análise dos caracteres taxonômicos de "Pycnocheres eidmanni Beier, 1935" (Chelonethida: Chernetidae), das panelas de lixo dos formigueiros de "Atta sexdens rubripilosa Forel, 1908". Inst. Biol. [São Paulo, Arq. 15: 239-261. Dec. 1944. 442.9 Sa6  
English abstract.
- 7906 \*PLANES GARCIA, S. P. Grave enfermedad del tomate, en Levante, producida por un ácaro del género "Phyllocoptes." Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 37, No. 2, 8 p. Jan. 1945. 15 H68
- 7907 \*RABAUD, E. Les thomisés seraient-elles nécrophages? Soc. Ent. de France. B. 46: 11-12. 1941. 420 F84B  
Xysticus cristatus.
- 7908 \*SLAVINA, N. S. K voprosu o nositel'stve virusa kleshchevoi vozvratnoi likhoradki kleshchamiperenoschikami v Kazakhtane [On the question of carrying the virus of tick relapsing fever by tick vectors in Kazakhstan]. Med. Parazitol. i Parazit. bolezni 13(5): 8b-87. 1944. 448.8 M469
- 7909 TURK, F. A. On two Diplopods of the family Vanboeffeniidae from Indian caves, with the description of a new genus. Ann. and Mag. Nat. Hist. (ser. 11) 12(85): 38-42. May 24, 1945. 410 An77  
Glennia indica n. g., n. sp.; Pseudosphaeroparia cavernicola, n. sp.
- 7910 \*VACHON, M. L'allongement des doigts des pincés au cours du développement post-embryonnaire chez Chelifer cancroides L. (pseudoscorpions). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 299-302. July/Aug./Sept. 1943. 410.9 P213
- 7911 \*VACHON, M., and DEMANGE, J. M. Myriapodes chilopodes des nids et des terriers récoltés en Meurthe-et-Moselle par M. R. Heim de Balsac. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 186-189. Apr./May/June 1943. 410.9 P213
- 7912 \*VACHON, M. Remarques sur le genre Sud-Africain Beierus Chamberlin (pseudoscorpions). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 80-81. Feb. 1941. 410.9 P213
- 7913 \*VACHON, M. Remarques sur un scorpion prédesertique peu connu: Buthiscus bicalcaratus Bibrula. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 419-421. Oct./Nov./Dec. 1942. 410.9 P213
- 7914 W., S. B. Don't let woodlice [Isopoda] spoil your plants. Pop. Gard. 47: 109. June 2, 1945. 80 G1622

## COLEOPTERA

- 7915 AIRY SHAW, H. K. Unusual scansorial performance of Ablattaria laevigata F. (Col., Silphidae). Ent. Monthly Mag. 81: 143. June 1945. 421 En86
- 7916 \*ALFARO, A. The Colorado beetle (Leptinotarsa decemlineata) during the year 1942 in Spain. Internatl. Inst. Agr. Internatl. Rev. Agr. 34: 119M-120M. Sept. 1943. 241 In82A
- 7917 \*BECK, P. Observations sur les Pseudosyrichthus [P. e. Pseudosyrichthus, Péringuey] (Col. Dynastidae). Soc. Ent. de France. B. 46: 132-133. 1941. 420 F84B
- 7918 BERGAMIN, J. O "repassé" como método de controle da broca do café "Hypothenemus" [P. e. Stephanoderes, hampei (Ferr., 1867)] (Col. Irididae). Inst. Biol. [São Paulo, Arq. 15: 197-208. Dec. 1944. Ref. 442.9 Sa6  
English abstract.
- 7919 \*BERTRAND, H. Deux larves inédites du genre Hydaticus Leach (Col. Dytiscidae) du Cameroun occidental (Mission P. Lepesme, R. Paulian, A. Villiers, 1939). Soc. Ent. de France. B. 46: 134-137. 1941. 420 F84B  
H. quadriguttatus, H. polygrammus.
- 7920 BISHOP, C. F. Flea beetle is destructive pest. Farm and Dairy [Salem, Ohio, 31(42): 9. June 15, 1945. 6 F2279
- 7921 CARTWRIGHT, O. L. Ataenius darlingtoni Hinton a synonym of A. saluator Fall. Brooklyn Ent. Soc. B. 40: 47. Apr. 1945. 420 B79
- 7922 \*CHAUVIN, R. Sur le comportement des larves des galérucques de l'orme [Galerucella xanthomelaenae]. Soc. Ent. de France. B. 46: 143-144. 1941. 420 F84B
- 7923 \*CHAUVIN, R. Sur le fouissement chez les larves de cétoines [Cetoniinae]. Soc. Ent. de France. B. 46: 126-128. 1941. 420 F84B
- 7924 COOPER, B. A. Notes on certain elaterid (Col.) larvae. Ent. Monthly Mag. 81: 128-130. June 1945. 421 En86
- 7925 COWLES, H. A. Rose bug control. Amer. Rose Mag. 6: 193-194. May/June 1945. 80 Am327A  
Method of control against Macroductylus subspinosus.
- 7926 CRAIG, F. W. The distribution of the Japanese beetle (Popillia japonica Newm.) in West Virginia. W. Va. Acad. Sci. Proc. (1944) 17: 31-34. Apr. 1945. (W. Va. U. B. ser. 45, No. 10-1) 500 W52
- 7927 DAVIAULT, L. Le petit scolyte européen de l'orme [Scolytus multistriatus]. Forêt Québécoise 9: 376. May/June 1945. 99.3 F79
- 7928 \*DESCHAMPS, P. Sur la digestion du bois par les larves de Cérambycides. (Note préliminaire). Soc. Ent. de France. B. 49: 104-108. Oct. 1944. 420 F84B
- 7929 DONISTHORPE, H. Coleoptera at Lampton, Middlesex. Ent. Rec. and J. Variation 57: 59-60. 66. May, June 1945. 421 En89
- 7930 \*FLEUTIAUX, E. Descriptions d'élatérides (Col.) nouveaux. Soc. Ent. de France. B. 46: 18-19. 1941. 420 F84B  
New spp. in: Tetrigus 3; Dorygonus; Didymolophus.
- 7931 \*FLEUTIAUX, E. Deux Phedomenus nouveaux [P. catalai n. sp., P. descriptus n. sp.] (Col. Elateridae) de Madagascar. Soc. Ent. de France. B. 46: 141. 1941. 420 F84B
- 7932 \*FLEUTIAUX, E. Mission P. Lepesme, R. Paulian et A. Villiers au Cameroun: Coléoptères Elateridae. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 38-44. Jan. 1941. 410.9 P213  
New spp. in Lobotarsus; Propsephus 2; Anchastus; Arhanthes; Cardiophorus 4.



- 7933 \*FRANKENBERG, G. VON. Fleischfresser im Holz. Natur u. Volk 72: 91-100. May 1, 1942. 509 F856  
Discusses *Pyrochroa coccinea* and *Opilo domesticus*.
- 7934 \*FRANZ, E. Der erbsen-blattrandkäfer (*Sitona lineata* L. [i. e. *lineatus*]). Natur u. Volk 73: 307-308. Nov. 1, 1943. 509 F856
- 7935 \*FRANZ, E. Über die mund-werkzeuge des sand-laufkäfers [*Cicindela*] und seiner larve. Natur u. Volk 73: 124-126. May 1, 1943. 509 F856
- 7936 \*GHIDINI, G. M. The biology of the weevil *Lixus junci* in relation to the cultivation of the sugarbeet [in Italy]. Internatl. Inst. Agr. Internatl. Rev. Agr. 34: 103M-107M. July/Aug. 1943. 241 In82A
- 7937 HINTON, H. E. A synopsis of the Brazilian species of *Cylloepus* Er. (Coleoptera, Elmidae). Ann. and Mag. Nat. Hist. (ser. 11) 12(85): 43-67. May 24, 1945. 410 An77  
Includes 9 n. spp.
- 7938 \*HOFFMANN, A. A propos de *Nanophyes fal-lax* Rey (Col. Curculionidae). Soc. Ent. de France. B. 46: 70-71. 1941. 420 F84B
- 7939 \*HOFFMANN, A. Contribution à l'éthologie du *Ceuthorrhynchus pleurostigma* Marsham (Col. Curculionidae). Soc. Ent. de France. B. 49: 69-70. May 1944. 420 F84B
- 7940 \*HOFFMANN, A., and TEMPERE, G. Note sur *Hypurus bertrandi* Perris (Col. Curculionidae). Soc. Ent. de France. B. 49: 100-104. Oct. 1944. 420 F84B
- 7941 HOPPING, G. R., and MATHERS, W. G. Observations on outbreaks and control of the mountain pine beetle [*Dendroctonus monticolae*] in the lodgepole pine stands of western Canada. Forestry Chron. 21: 98-108. June 1945. 99.8 F7623
- 7942 \*JARRIGE, J. Staphylinides nouveaux ou mal connus de France. (2<sup>e</sup> note.) Soc. Ent. de France. B. 46: 46-50. 1941. 420 F84B  
Includes: *Xantholinus elianae* n. sp., *X. colasi* n. sp.
- 7943 JARVIS, C. M. Additions to the Bedfordshire list of Coleoptera. Ent. Monthly Mag. 81: 126-127. June 1945. 421 En86
- 7944 \*JEANNEL, R. Sur le genre *Pseudomasoreus* Desbrochers. Soc. Ent. de France. B. 46: 62-67. 1941. 420 F84B  
New spp: *P. canigoulensis*, *P. inopinatus*, *P. decorsei*.
- 7945 KEVAN, D. K. The aedeagi of the British species of the genera *Ptomaphagus* Ill., *Nemadus* Th., *Nargus* Th. and *Bathyscia* Sch. (Col., Cholevidae). Ent. Monthly Mag. 81: 121-125. June 1945. 421 En86
- 7946 KNULL, J. N. A new species of *Agrilus* [*A. cladrastis* n. sp.] from Kentucky (Buprestidae: Coleoptera). Ohio J. Sci. 44: 80-91. Mar. 1945. 410 Oh3
- 7947 \*LEPESME, P., and VILLIERS, A. Cérambycides récoltés par P. Lepesme, sur caféier, en A. E. F. et au Cameroun. Soc. Ent. de France. B. 46: 74-79. 1941. 420 F84B  
Includes *Ochropyga lepesmei* n. sp.
- 7948 \*LEPESME, P., and VILLIERS, A. Note sur quelques *Crossotini* malgaches (Col. Cerambycidae). Soc. Ent. de France. B. 49: 74-79. June 1944. 420 F84B  
Includes 5 n. spp. in *Epirochroa*.
- 7949 \*LEPESME, P. Un nouveau *Megatoma* [M. foveolatus], d'Australie (Col. Dermestidae). Soc. Ent. de France. B. 46: 142. 1941. 420 F84B
- 7950 \*LEPESME, P., and PAULIAN, R. Sur la présence de *Metamasius sericeus* Ol. dans l'Ouest africain (Col. Curculionidae). Soc. Ent. de France. B. 46: 31-37. 1941. 420 F84B
- 7951 LIEU, K. O. V. The study of wood borers in China -I; biology and control of the citrus-root-cerambycids, *Melanauster chinensis*, Forster (Coleoptera). Fla. Ent. 27: 62-101. May 1945. Ref. 420 F662
- 7952 \*MEQUIGNON, A. Description d'un mordellide [*Mordella libanica*] (Col.) nouveau paléarctique. Soc. Ent. de France. B. 46: 147. 1941. 420 F84B
- 7953 \*MEQUIGNON, A. Notes diverses sur des coléoptères de France. Soc. Ent. de France. B. 49: 20-24. Feb. 1944. 420 F84B
- 7954 \*MEQUIGNON, A. Sur quelques clavicornes (Col.) de la faune française. Soc. Ent. de France. B. 46: 80-83. 1941. 420 F84B
- 7955 MOUTIA, L. A., and VINSON, J. Le charançon de l'eucalyptus, *Gonipterus scutellatus* Gyll. Rev. Agr. de l'île Maurice 24(1): 25-30. Jan./Feb. 1945. Ref. 24 M44
- 7956 \*THE NETHERLANDS. PHYTOPATHOLOGICAL SERVICE, WAGENINGEN. The Colorado beetle (*Leptinotarsa decemlineata*) in 1942. Internatl. Inst. Agr. Internatl. Rev. Agr. 34: M108. July/Aug. 1943. 241 In82A
- 7957 \*NORMAND, H. Nouveaux coléoptères de l'Afrique du Nord. (25<sup>e</sup> note.) Soc. Ent. de France. B. 46: 26-30. 1941. 420 F84B  
New spp. in: *Anthracus*; *Microlestes*; *Brachygluta*; *Oxyopoda*; *Aleochara*.
- 7958 \*OHAUS, F. Zur lebensweise des *Agrilus sexguttatus* Brahm (Col. Buprest.). Anz. f. Schädlingssk. 20: 13-16. 1944. 421 An9
- 7959 PARK, O. A preliminary study of the Pselaphidae (Coleoptera) of the Guianas. Chicago Acad. Sci. B., v. 7, No. 6, p. 277-327. June 14, 1945. Ref. 500 C43B  
New sgen.: *Rhinoscepsis* (*Rafhrisus*). New spp. in: *Thesiastes*; *Rhinoscepsis*; *Decarthron* 10.
- 7960 PARKS, T. H. Rotenone knocks out bean beetles. Farm and Dairy [Salem, Ohio] 31(43): 16. June 22, 1945. 6 F2279
- 7961 \*PAULIAN, R. La larve de *Menesia bipunctata* Zoubk. (Col. Ceramb.). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 190-191. Apr./May/June 1943. 410.9 P213
- 7962 \*PIC, M. A propos d'un longicorne nouveau de France [*Parnena gaultheri*] (Col.). Soc. Ent. de France. B. 46: 56. 1941. 420 F84B
- 7963 \*SAINT-ALBIN, E. DE. Contribution à l'étude des histérides gallo-rhéniens. Un *Hister* très rare et peu connu: *Hister distinctus* Er. (Col.). Soc. Ent. de France. B. 46: 83-85. 1941. 420 F84B
- 7964 \*SCHMIDT, H. Bostrychidae (Col.) aus Belgisch-Kongo. Z. f. Weltforstw. 11: 224-226. Apr./Sept. 1944. 99.9 Z35
- 7965 \*SCHMIDT, H. Über zwei bemerkenswerte tropische bockkäfer: *Macrodonia cervicornis* L. und *Hypocephalus armatus* Desm. (Cerambycidae, Prioninae). Z. f. Weltforstw. 11(1/3): 21-25. Jan./Mar. 1944. 99.9 Z35
- 7966 SHULL, A. F. Inheritance in lady beetles [*Coccinellidae*]. III. Crosses between variants of *Hippodamia quinquesignata* and between this species and *H. convergens*. J. Hered. 36: 149-160. May 1945. 442.8 Am3
- 7967 \*SWITZERLAND. FEDERAL EXPERIMENT AND SEED TESTING STATION, LAUSANNE (MONT CALME). The Colorado beetle (*Leptinotarsa decemlineata*) in French Switzerland; situation on June 1, 1942. Internatl. Inst. Agr. Internatl. Rev. Agr. 34: 125M-127M. Sept. 1943. 241 In82A
- 7968 \*SWITZERLAND. FEDERAL EXPERIMENT AND SEED TESTING STATION, LAUSANNE (MONT CALME). The Colorado beetle (*Leptinotarsa decemlineata*) in French Switzerland; situation on July 1, 1943. Internatl. Inst. Agr. Internatl. Rev. Agr. 34: 139M-141M. Oct. 1943. 241 In82A
- 7969 \*THÉRY, A. Descriptions de deux buprestides du genre *Belgaunia* Kerr. [*B. horni* n. sp., *B. harmandi* n. sp.]. Soc. Ent. de France. B. 46: 91-93. 1941. 420 F84B
- 7970 USSING, H. H. Isolation of asparagine from the haemolymph of *Melolontha* larvae [*M. vulgaris*]. Nature [London] 155: 481. Apr. 21, 1945. 472 N21



7971 VAN ZWALUWENBURG, R. H. Notes on Samoan elaterid beetles with descriptions of two new species. Bernice P. Bishop Mus. Occas. Papers, v. 18, No. 6, p. 95-101. Apr. 6, 1945. 500 B450

Includes *Meristhus oceanicus* n. sp. and *Megapenthes arcifrons* n. sp.

7972 \*VAYSSIERE, P. Un charançon nouveau [Scipomus casuarinae, (Col.) nuisible au Filao en Indochine. Soc. Ent. de France. B. 46: 148-150. 1941. 420 F84B

7973 \*VILLIERS, A. Sur quelques Leptura de France (Col. Cerambycidae). Soc. Ent. de France. B. 46: 68-70. 1941. 420 F84B

7974 \*WIESMANN, R. Erfolgreiche bekämpfung des malkefers [Melolontha spp.] mit Gesarol. Schweiz. Z. f. Obst- u. Weinbau 54: 159-166. Apr. 28, 1945. 80 Sch9

## DIPTERA

7975 \*AGUILAR, J. D'. Contribution a l'étude des Diptères de France. (1<sup>re</sup> note). Soc. Ent. de France. B. 49: 38-39. Mar. 1944. 420 F84B

7976 \*AGUILAR, J. D'. Description d'un Lirio-myza [L. mesnili] nouveau vivant sur Riccia natans L. (Dipt. Agromyzidae). Soc. Ent. de France. B. 49: 88-90. July 1944. 420 F84B

7977 ALEXANDER, C. P. New or little-known Tipulidae (Diptera).- LXXII. Neotropical species. Ann. and Mag. Nat. Hist. (ser. 11) 12(85): 8-38. May 24, 1945. 410 An77

Includes 19 n. spp. and forms.

7978 ALEXANDER, C. P. Undescribed species of crane-flies from the western United States and Canada (Dipt.: Tipulidae). Part III. Ent. News 56: 126-132. May 1945. 421 En88

New spp.: *Tipula* (Bellardina) *sacajawea*; T. (B.) *rastristyla*; T. (Lunaticula) *cladacantha*.

7979 ALEXANDER, C. P. Undescribed species of *Tipula* from western North America (Diptera, Tipulidae). Brooklyn Ent. Soc. B. 40: 33-37. (To be cont.) Apr. 1945. 420 B79

*Tipula sequoiarum* n. sp.; T. *miwok* n. sp.

7980 BLAUVELT, W. E. Rose midge [Dasyneura rhodophaga, vs. roses. Amer. Rose Mag. 6: 176-182. May/June 1945. 80 Am327A

7981 BLAXTER, K. L. Control of flies in cowsheds; experiments with DDT. Gt. Brit. Min. Agr. Agriculture 52: 112-115. June 1945. 10 G79J

Discusses control of *Musca domestica*, *Stomoxys calcitrans*, *Lyperosia* spp., and *Haematobia* spp.

7982 \*BOTT, R. Lebensgeschichte einer zuckmücke (Tanytarsus). Natur u. Volk 73: 244-250. Sept. 1, 1943. 509 F856

7983 BURTT, F. Hypertrophied salivary glands in *Glossina*: evidence that *G. pallidipes* with this abnormality is peculiarly suited to trypanosome infection. Ann. Trop. Med. and Parasitol. 39: 11-13. May 31, 1945. 448.9 L75A

7984 CHU, J., and PAI, S. Constitution of the salivary gland chromosomes of *Chironomus* [i. e. *Tendipes*]. Nature [London] 155: 483. Apr. 21, 1945. 472 N21

7985 \*CHUBKOVA, A. I. Sezonnyĭ khod chislenosti i mesta vyploda *Musca vicina* Macq. [i. e. Macq.] v Erevane [Seasonal density fluctuation and breeding places of *Musca vicina* Macq. in Erevan]. Med. Parazitol. i Parazitar. Bolezni 13(5): 72-78. 1944. Ref. 448.8 M469

7986 COLLIN, J. E. Parasitism of a Merodon [i. e. *Lamptetia* (L. *equestrus*)] larva by the tachinid, *Lypha dubia* Fin. Ent. Rec. and J. Variation 57: 70. June 1945. 421 En89

7987 \*COSTANTINO, G. Lotta contro la mosca delle frutta [Ceratitis capitata, mediante soluzioni attrattive. Ital. Agr. 80: 351-366. July 1943. 16 It1

7988 \*EBERLE, G. Die mummelfliege (*Hydromyza livens* Fall.). Natur u. Volk 73: 293-306. Nov. 1, 1945. Ref. 509 F856

7989 FRASER, A. Towards V-Day against the blowfly [Lucilia sp.]; the shepherd's feud with the green bottle-fly is an ancient one. Farmer & Stock-Breeder 59: 850. May 29, 1945. 10 F228

7990 FRIEDLAND, B. L., and HARNLY, M. H. The effect of temperature on the wings of dimorphos/dimorphos vestigial-pennant/vestigial in *Drosophila melanogaster* [i. e. *ampelophilaj*. Biol. B. 88: 247-253. June 1945. Ref. 442.8 B52

7991 HARDY, E. Revision of nearctic Bibionidae including Neotropical *Plecia* and *Penthetria* (Diptera). Kans. U. Sci. B. 30: 367-547. June 15, 1945. 500 K1328

Includes n. spp.: *Penthetria appendicula*; *P. distincta*; *Biblio albipennis beameri*; *B. carolinus*; *B. townesi*; *Philia tingi*.

7992 HARMSTON, F. C., and KNOWLTON, G. F. On the status of *Liancalus limbatus* Van Duzee (Diptera-Dolichopodidae). Brooklyn Ent. Soc. B. 40: 55-56. Apr. 1945. 420 B79

7993 HULL, F. M. Some undescribed syrphid flies. New England Zool. Club. Proc. 23: 71-78. June 25, 1945. 410.9 N44

New spp. in: *Epistrophe*; *Cynorhina*; *Xanthandrus*; *Ceratophya*; *Microdon*. N. agen. in: *Microdon* 4; *Pseudomicrodon*.

7994 \*KEMPER, H. Fliegenbekämpfung. Z. f. Hyg. Zool. u. Schädlingbekämpfung. 36: 33-42. Mar. 1944. 449.8 Z36

7995 LAURENCE, B. R. Diptera, etc., swept from a reed bed (*Sparganium ramosum*, Huds.). Ent. Rec. and J. Variation 57: 72-73. June 1945. 421 En89

7996 LECLERCQ, M. Flies brought back with the hay from the meadows into the hayloft. Ent. Monthly Mag. 81: 140. June 1945. 421 En86

7997 \*LE MASNE, G. Tubicera lichtwardti Schmitz (Dipt. Phoridae), hôte de *Plagirolepis pygmaea* Latr. (Hym. Formicidae). Soc. Ent. de France. B. 46: 110-111. 1941. 420 F84B

7998 \*LENGERSDORF, F. Une variété nouvelle de *Neosciara bicuspidata* Ldf [var. *cuniculata*] (Dipt. Lycoriidae). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 26. Oct./Nov./Dec. 1942. 410.9 P213

7999 \*MESNIL, L. Espèces nouvelles du genre *Exorista* Meig. (Dipt. Larvaevoridae). Soc. Ent. de France. B. 46: 20-22. 1941. 420 F84B

8000 NETTEL F., R. Onchocercosis; importancia del xenodiagnóstico y de la investigación de microfilarias en su fase de transición. Medicina; Rev. Mex. 25: 194-203. June 10, 1945. 448.8 M4693

*Onchocerca caecutiens* and its transmission by Simuliidae.

8001 \*PARROT, L., and JOLINIÈRE, P. B. DE. Notes sur les phlébotomes [Flebotomus]. XLVI.- Nouveaux phlébotomes du Hoggar. Inst. Pasteur d'Algérie. Arch. 23(1): 56-63. Mar. 1945. 448.3 In7A

8002 \*PESSON, P. Observations sur *Scatopse notata* L., diptère, pourchassé et capturé par *Formica fusca* L., hyménoptère. Soc. Ent. de France. B. 46: 50-54. 1941. 420 F84B

8003 \*PORTEVIN, G. Sur quelques Diptères de France. Soc. Ent. de France. B. 49: 96. July 1944. 420 F84B

8004 REID, A. W. Insect infestation of milk bottles; dangers of the vinegar fly [Drosophila busckii]. Dairyman 62: 109, 115. Apr. 1945. 44.8 D1426

8005 ROBERTSON, J. D. Notes on the gametocyte threshold for infection of *Anopheles gambiae* Giles, 1902, and *Anopheles melas* Theobald, 1903, in West Africa. Ann. Trop. Med. and Parasitol. 39: 8-10. May 31, 1945. 448.9 L75A

8006 SAUNT, J. W. Migration of Syrphidae (Diptera). Ent. Monthly Mag. 81: 131. June 1945. 421 En86



- 8007 \*SÉGUY, E. Étude sur un nouveau coryné-tine [Ariasella vandellei; des Pyrénées (Dipt. Emdidae)]. Soc. Ent. de France. B. 46: 4-6. 1941. 420 F84B
- 8008 \*SÉGUY, E. Une nouvelle espèce d'Euryoma Stein [E. erythrogaster; (Dipt. Muscidae) et synopsis des espèces du genre. Soc. Ent. de France. B. 46: 54-55. 1941. 420 F84B
- 8009 \*SÉGUY, E. Un Syllegomydas nouveau [S. brachiatus; du nord de l'Afrique (Dipt. Mydidae)]. Soc. Ent. de France. B. 46: 111-112. 1941. 420 F84B
- 8010 STEYSKAL, G. Behavior of Thaumatomyia (=Chloropisca) species (Diptera, Chloropidae). Brooklyn Ent. Soc. B. 40: 48. Apr. 1945. 420 B79
- 8011 STRICKLAND, E. H. A method for permanently reducing the number of blowflies in screened houses. Brooklyn Ent. Soc. B. 40: 59-60. Apr. 1945. 420 B79
- 8012 \*TIMON-DAVID, J. Diptères dolichopodidés des environs de Marseille. Soc. Ent. de France. B. 49: 37. Mar. 1944. 420 F84B
- 8013 VANDERPLANK, F. L. Infection of Glossina longipennis and G. fusciculis with Trypanosoma congolense. Ann. Trop. Med. and Parasitol. 39: 61. May 31, 1945. 448.9 L75A
- 8014 VANDERPLANK, F. L. A note on wild Glossina austeni infective with Trypanosoma congolense. Ann. Trop. Med. and Parasitol. 39: 62. May 31, 1945. 448.9 L75A
- 8015 \*VILLENEUVE DE JANTI, J. De quelques espèces africaines inédites du genre Linnaemyia R. D. (Dipt. Tachinidae). Soc. Ent. de France. B. 46: 107-110. 1941. 420 F84B
- Five n. spp; Psalidoxena n. g.; Sarcophaga rutililla n. n. for S. phenicurus, Villen. not Wiedemann.
- 8016 \*VILLENEUVE DE JANTI, J. Myodaires supérieurs nouveaux (Dipt.). Soc. Ent. de France. B. 46: 122-126. 1941. 420 F84B
- New spp. in: Styloneuria; Onesia; Carcelia 3.
- 8017 W., S. Defeating the carrot fly [Psila rosae]. Gard. Illus. 44: 597-598. June 1945. 80 G169
- 8018 WILCOX, J. Contributions from the Los Angeles Museum Channel Islands Biological Survey. 29. Robber flies (Diptera, Asilidae). South. Calif. Acad. Sci. B. 44: 10-17. Jan./Apr. 1945. 500 So8
- New spp. in: Stenopogon; Cophura; Erax 2.
- 8019 WILSON, G. F. The carrot fly [Psila rosae] and its control in gardens. Roy. Hort. Soc. J. 70(3): 84-89. Mar. 1945. 84 L84J
- 8020 WILSON, L. P. Tolerance of larvae of Drosophila for amino acids: Tryptophane. Growth 9: 145-154. June 1945. Ref. 442.8 G91
- Effect on development.
- Culicidae
- 8021 BEACH, F. A. "Angry" mosquitoes. Science 101: 610-611. June 15, 1945. 470 Sci2
- Study of sound produced by mosquitoes.
- 8022 \*COVELL, G. Notes on the distribution, breeding places, adult habits and relation to malaria of the anopheline mosquitoes of India and the Far East. Malaria Inst. India. J. 5: 399-434. Dec. 1944. Ref. 448.9 M29
- Map shows distribution of principal malaria vectors.
- 8023 DARLING, B. Airplanes versus insects. Frog. Guide 9(1): 29. July 1945. 470 P942
- Control of Anopheles with DDT.
- 8024 DE TERRA, H. Rainfall periodicity in relation to malaria and agriculture in the Near East. Science 101: 629-631. June 22, 1945. 470 Sci2
- Includes discussion of mosquito-breeding areas.
- 8025 \*DETINOVA, T. S. Sootnoshenie mezhdu razmerom samok Anopheles maculipennis atroparvus V. Thiel i stadiel razvitiia faichnikov k momentu vylupleniya [Relation between the size of female Anopheles maculipennis atroparvus V. Thiel and the stage of ovary development at time of hatching]. Med. Parazit. i Parazitar. Bolezni 13(5): 52-55. 1944. 448.8 M469
- 8026 GILROY, A. B., and CHWATT, L. J. Mosquito control by swamp drainage in the coastal belt of Nigeria. Ann. Trop. Med. and Parasitol. 39: 19-40. May 31, 1945. Ref. 448.9 L75A
- 8027 \*GLAGOLEVA, E. M. Materialy po ekologii lichinok Anopheles v Tadzhikistane. 3. Biotony Anopheles bifurcatus L. i ikh khimizm [Data on the ecology of Anopheles larvae in Tadzhikistan. 3. Biotopes of A. bifurcatus and their chemism]. Med. Parazit. i Parazitar. Bolezni 13(5): 47-52. 1944. Ref. 448.8 M469
- 8028 \*IYENGAR, M. O. T. Problems relating to malaria control in deltaic Bengal. Malaria Inst. India. J. 5: 435-447. Dec. 1944. 448.9 M29
- Discusses Anopheles philippinensis as the principal vector and methods for its control.
- 8029 \*JAYEWICKREME, S. H. Laboratory study on the larvicidal action of a mineral oil larvicide with some observations on the probable effect of field conditions. (Abs.) Malaria Inst. India. J. 5: 467. Dec. 1944. 448.9 M29
- 8030 \*KORCHAGINA, K. A. K fenologii Anopheles maculipennis messeae Fall. v Bashkiri [On the phenology of Anopheles maculipennis messeae Fall in Bashkiri]. Med. Parazit. i Parazitar. Bolezni 13(5): 62-71. 1944. 448.8 M469
- 8031 \*LAVROV, N. P. K biologii obkynovennogo i grebenchatogo tritonov i rol' ikh v bor'be s komarami [Biology of Triturus vulgaris and T. cristatus and their role in mosquito control]. Priroda 33 (2): 66. 1944. 410 P933
- 8032 MILLER, D. Mosquitoes, malaria and New Zealand. Cawthron Inst. P. 60, 10 p. Wellington, 1944? 23 C31P
- Reprinted from "The New Zealand Science Review," Mar./June 1944.
- 8033 \*MITARNOVSKIY, V. M. Kuritel'nye papirosy dlia bor'by s komarami (Smoking cigarettes for mosquito control). Med. Parazit. i Parazitar. Bolezni 13(5): 89-90. 1944. 448.8 M469
- 8034 NABOKOV, V. A. Anabazine sulfate: a protective agent against bites of malarial mosquitoes. Amer. Rev. Soviet Med. 2: 449-452. June 1945. 448.8 Am392
- At end of article: Meditsinskaya Parasitologiya i Parazitarniye Bolezni 1944, No. 3, p. 42-50.
- 8035 PICKUP, E. G. Education for malaria control. J. Health and Phys. Ed. Washington, D. C., 16: 312-314, 350. June 1945. 449.8 J822
- Includes discussion of mosquito vectors.
- 8036 \*RAEVSKIY, G. E. Épidemiologicheskaya rasshifrovka krivoi khoda chislennosti komarinoi populatsii [Epidemiological interpretation of the fluctuation curve of mosquito population density]. Med. Parazit. i Parazitar. Bolezni 13(5): 55-61. 1944. 448.8 M469
- 8037 \*RAKHMANOVA, P. I. O nekotorykh variatsiyakh faits Anopheles maculipennis sacharovi Favre Tashauzskoi oblasti Turkmenii [Concerning variations in the ova of Anopheles maculipennis sacharovi Favre of the Tashauzskii region in Turkmenistan]. Med. Parazit. i Parazitar. Bolezni 13(5): 91-92. 1944. 448.8 M469
- 8038 \*RAO, G. R. Malaria in the Jharia mining settlement, Bihar. Parts II, III and IV. (Abs.) Malaria Inst. India. J. 5: 471. Dec. 1944. 448.9 M29
- Discusses Anopheles fluviatilis and other species as vectors.



8039 \*ROMAN, E. Un *Aedes* nouveau pour la France. Localités inédites de moustiques peu répandus (Dipt. Culicidae). Soc. Ent. de France. B. 49: 35-36. Mar. 1944. 420 F84B

Discusses *Aedes* (*Ochlerotatus*) *leucomelas* (Meig.), *A.* (*Ochlerotatus*) *berlandi* Ségué, and *Culex* (*Bairdianus*) *modestus* Ficalbi.

8040 \*RUSTOMJEE, K. J. Observations upon the epidemiology of malaria in Ceylon. (Abs.) Malaria Inst. India. J. 5: 469-470. Dec. 1944. 448.9 M29

Anopheles culicifacies cited as principal vector.

8041 \*VISWANATHAN, D. K., RAO, T. R., and RAO, T. S. R. The behaviour of *Anopheles fluviatilis*. Part II. Nocturnal movements and daytime resting places and their bearing on spray-killing. Malaria Inst. India. J. 5: 449-466. Dec. 1944. 448.9 M29

8042 \*ZHUKOVA, N. N. *Primenenie preparata K dlia bor'by s moskitami* [Application of "K" preparation for mosquito control]. Med. Parazitol. i Parazit. Bolezni 13(5): 93. 1944. 448.8 M469

8043 \*ZUMPT, F., and DINISSOWA, N. Versuche mit neuen *Anopheles*-bekämpfungsmitteln. Z. f. Hyg. Zool. u. Schädlingsbekämpfung. 36: 81-95. June 1944. 449.8 Z36

#### HEMIPTERA (HETEROPTERA AND HOMOPTERA)

8044 BACHSTEZ, M., and ARAGON, A. Notes on Mexican drugs, plants, and foods. III. Ahuauhtli, the Mexican caviar. Amer. Pharm. Assoc. J. 34: 170-172. June 1945. Ref. 396.9 Am33J

Consists of the eggs of "axayácatl" (*Krizousacoria* *azteca*, *K. texocana*, *Corisella mercenaria*).

8045 \*BALACHOWSKY, A., and CAIRASCHI, A. Deux aphides nouveaux récoltés dans l'île de Port-Cros (Var). Soc. Ent. de France. B. 46: 99-104. 1941. 420 F84B

*Amporophora henryi* n. sp., *Fergandeida mercurialis* n. sp.

8046 \*BALACHOWSKY, A. Sur un *Chortinaspis* *Ferris* nouveau [C. *iridis*, d'Asie Mineure (Hem. Coccoidea Diaspididae)]. Soc. Ent. de France. B. 46: 9-11. 1941. 420 F84B

8047 BOX, H. E. Insect transmission of the "swollen-shoot" virus in West African cacao. Nature [London] 155: 608-609. May 19, 1945. 472 N21

Discusses hemipterous insect vectors.

8048 \*CAIRASCHI, E. A. *Pentalonia nigronervosa* Coquerel (Hem. Aphididae) espèce nuisible nouvellement introduite en France. Soc. Ent. de France. B. 46: 138-140. 1941. 420 F84B

8049 \*CARAYON, J. Remarques sur la circulation de l'eau dans l'organisme des Hémiptères. Le dessèchement des organes abdominaux chez certains Hémiptères hibernants. Soc. Ent. de France. B. 49: 86-88. July 1944. 420 F84B

8050 DELONG, D. M. The genus *Chlorotettix* (Homoptera-Cicadellidae) in Mexico. Lloydia 8(1): 1-30. Mar. 1945. 442.8 L77

Includes 17 n. spp.

8051 GRIFFITH, M. E. The environment, life history and structure of the water boatman, *Ramphocoris acuminata* (Uhler) (Hemiptera, Corixidae). Kans. U. Sci. B. 30: 241-365. June 15, 1945. Ref. 500 K132S

8052 HAYWARD, K. J. Los pulgones o afidos. Suelo Argentino 4: 255-256. Apr. 1945. 9 Su2

8053 JOUBERT, C. J. Vegetable aphids, and their control. Union So. Africa. Dept. Agr. and Forestry. B. 255 (Hort. Ser. 9), p. 84-86. 1945. 24 So84P

8054 \*KEMPER, H. Über die verwanzung von wohnberacken. Z. f. Hyg. Zool. u. Schädlingsbekämpfung. 36: 99-106. July 1944. 449.8 Z36

Control of *Cimex lectularius*.

8055 KNOWLTON, G. F. Rabbitbrush, *Chrysothamnus nauseosus*, aphid notes. Brooklyn Ent. Soc. B. 40: 43. Apr. 1945. 420 B79

8056 \*LALLEMAND, V. Cercopides du Muséum de Paris. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 428-432. Oct./Nov./Dec. 1942. 410.9 P213

New spp. and forms in: *Machaerota*; *Poophilus*; *Glovina* 2; *Lallemandana*; *Eurycercopis*; *Literna* 2; *Aufidus* 2.

8057 LEPAGE, H. S., and GIANNOTTI, O. Algumas espécies novas de coccídeos do Brasil (Homoptera-Coccoidea). Inst. Biol. São Paulo, Arq. 15: 299-305. Dec. 1944. 442.9 Sa6

English abstract.

New spp.: *Mycetaspis juveninae*; *Melanaspis aris-totelesi*; *Luzulaspis saueri*.

8058 \*MENZEL, R. Neue möglichkeiten zur bekämpfung der reblaus [*Phylloxera vastatrix*] bei direktträgern. Schweiz. Z. f. Obst- u. Weinbau 54: 60-64. (To be cont.) Feb. 17, 1945. 80 Sch9

8059 \*POISSON, R. Hémiptères aquatiques du Cameroun (Mission Lépèsme, Paulian et Villiers, 1939). Soc. Ent. de France. B. 46: 14-17. 1941. 420 F84B

*Eurymetra pauliani* n. sp.; *Sigara camerounensis* n. sp.

8060 \*POUTTIERS, R. A propos de la cochenille du mûrier, *Diaspis* [i. e. *Pseudaulacaspis*] *pentagona* Targ. Soc. Ent. de France. B. 49: 30-31. Feb. 1944. 420 F84B

8061 SCHRADER, F. The cytology of regular heteroploidy in the genus *Loxa* (Pentatomidae - Hemiptera). J. Morph. 76: 157-177. May 1945. Ref. 444.8 J826

8062 SHORROCK, R. W. Greenfly [*Macrosiphum pisii*] on peas. N. F. U. Rec. 23: 176. June 1945. 281.8 N21

8063 SIMMONS, C. Could be *Lygus* bugs. Pacific Rural Press, South. Ed. 149: 379. June 9, 1945. 6 P112A

8064 \*VIDAL, J. P. Deux nouvelles espèces d'hémiptères hétéroptères du Maroc. Soc. Ent. de France. B. 46: 37-40. 1941. 420 F84B

*Phaeocoris andreae* n. sp.; *Aneurus mimeuri* n. sp.

8065 \*VILLIERS, A. Catalogue des saicitae (Hem. Reduviidae). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 313-323. July/Aug./Sept. 1943. 410.9 P213

8066 \*VILLIERS, A. Note sur deux Réduvidae [Reduviidae], africaino-brésiliens constituant une nouvelle sous-famille. Soc. Ent. de France. B. 49: 79-83. June 1944. 420 F84B

*Chopardita mira* n. g., n. sp.; *Geaya dilata* n. g., n. sp.

8067 \*VILLIERS, A. Note sur les saicitae du Muséum (Hem. Reduviidae). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 192-199. Apr./May/June 1943. 410.9 P213

New spp. in: *Oncerothachelus*; *Polytoxus* 3; *Saica* 2.

8068 \*VILLIERS, A. Révision des *Adeniana* du Nord de l'Afrique (Hemiptera Cicadidae). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 424-428. Oct./Nov./Dec. 1943. 410.9 P213

Includes 6 n. spp.

8069 \*WESLEY, W. K. Plant lice or aphids. Allahabad Farmer 17: 231-232. Nov. 1943. 22 AL5

8070 WOOD, S. F. The habit of California cone-nosed bugs, *Triatoma protracta* (Uhler), naturally infected with *Trypanosoma cruzi* Chagas. South. Calif. Acad. Sci. B. 44: 18-19. Jan./Apr. 1945. 500 So8

#### HYMENOPTERA

8071 \*BERLAND, L. Récoltes entomologiques faites par L. Berland à Villa-Cisneros (Rio de Oro).--Hyménoptères. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 311-317. July/Aug./Sept. 1943. 410.9 P213

New spp.: *Miscophus deserti*; *Epyris kiefferi*; *Lep-tochilus atlanticus*.

8072 DONISTHORPE, H. *Diospilus ephippium*, Nees (Hym. Braconidae), a species new to Britain. Ent. Rec. and J. Variation 57: 60. May 1945. 421 En89



- 8073 \*FRANZ, E. Blattschneider-ameisen [Aphe-nogaster testaceo-pilosus] in Europa. Natur u. Volk 73: 84-86. Mar. 1, 1943. 509 F856
- 8074 \*FRANZ, E. Cephalotes atratus L., eine in Mittel- und Südamerika heimische Ameise. Natur u. Volk 72: 163-165. July 1, 1942. 509 F856
- 8075 \*GRANGER, C. Notes biologiques sur les Hyménoptères de France. Soc. Ent. de France. B. 49: 91-92. July 1944. 420 F84B
- 8076 GUIMARÃES, R. B. Historia de formigas. Fauna [São Paulo] 4(3): 12-14. Mar. 1945. 410 F272
- 8077 LA RIVERS, I. The wasp Chlorion laeviventris as a natural control of the Mormon cricket [Anabrus simplex Haldeman] (Sphecidae; Hymenoptera; Tettigoniidae, Orthoptera). Amer. Midland Nat. 33: 743-763. May 1945. Ref. 410 M58
- 8078 MAO, Y. T. Three new species of Laminitarsus Fullaway from Singapore and the Philippines (Hymenoptera: Braconidae). Wash. Acad. Sci. J. 35: 189-192. June 15, 1945. 500 W276J
- New spp.: L. chapini; L. rudis; L. singaporensis.
- 8079 MORLEY, B. D. W. Nomenclature of animal behaviour. Nature [London] 155: 485. Apr. 21, 1945. 472 N21
- Discusses use of a standard myrmecological terminology.
- 8080 MUNRO, J. A. Wheat stem sawfly [Cephus cinctus], and harvest loss. Grain and Feed J. Consolidated 94: 465. June 27, 1945. 298.8 G762
- 8081 PATE, V. S. L. On two Holarctic pemphili-dine wasps (Hymenoptera, Sphecidae). Brooklyn Ent. Soc. B. 40: 38-43. Apr. 1945. 420 B79
- Lists synonymy of Ectemnius dives (Lepelletier and Brullé) and of E. 4-cinctus (F.).
- 8082 PATE, V. S. L. Synonymical note on Am-moplanopterus (Hymenoptera, Sphecidae, Pemphredonini). Brooklyn Ent. Soc. B. 40: 37. Apr. 1945. 420 B79
- Ammoplanopterus Mochi declared synonymous with Protostigmus Turner.
- 8083 PELTIER, M. Les zoocécidies florales de Passania spicata Cerst. (Cynulifères). Soc. Bot. de France. B. 91: 25-27. Jan./Mar. 1944. 451 F84B
- Describes cynipid galls.
- 8084 RAU, P. Notes on the behavior of certain ants. Ent. News 56: 118-121. May 1945. 421 En88
- 8085 SAUER, H. F., and DUVAL, G. O combate à formiga saúva [Atta], no Estado de S. Paulo. Biolo-gico 11: 69-74. Mar. 1945. 442.8 B529
- 8086 \*TIMON-DAVID, J. Insectes fossiles de l'Oligocene inférieur des Camoins (Bassin de Mar-seille). II. Hyménoptères. Soc. Ent. de France. B. 49: 40-45. Mar. 1944. 420 F84B
- New spp. in: Cerceris; Pseudonortonia n. g.; Hal-lictus; Microdrus; Microplitis.
- 8087 WRAGGE MORLEY, B. D. "Ant butter." Na-ture [London] 155: 517. Apr. 28, 1945. 472 N21
- Resin collected by wood ants and stored in nests. See also Apiculture and Apis mellifera.
- 8093 \*BIEDERMANN, R. Note sur les formes femelles de Prepona praeneste Hew. (Lep. Nymphalidae). Soc. Ent. de France. B. 46: 115-122. 1941. 420 F84B
- Colored plates.
- 8094 \*BOURGOGNE, J. Ortholitha dinienensis Neub. bona sp. Note sur quelques espèces du genre Ortholitha Hb. (Lep. Geometridae). Soc. Ent. de France. B. 46: 86-91. 1941. 420 F84B
- 8095 \*CANDURA, G. S. Contributo alla conoscen-za della Tinea granella L. (i. e. Nemapogon granella) (Lep.). Ital. Agr. 80: 319-326, 395-415. (To be cont.) June, Aug. 1943. 16 It1
- Part 1 has title: Reperti biologici sulla "Tinea granella" L.; Part 2 has title: Secondo contributo alla conoscenza della Tinea granella L.
- 8096 \*CANDURA, G. S. Nuove malefatte di ti-gnole cosmopolite. 2.- Sitotroga cerealella Oliv. Ital. Agr. 79: 643-648. Dec. 1942. 16 It1
- Includes methods of control.
- 8097 CARRUTH, L. A. The price of good corn is eternal vigilance; beware those chief pests, earworm and borer [Heliothis armigera; Pyrausta nubilalis]. Home Gard. 5(6): 70, 73-74. June 1945. 80 H756
- 8098 COMSTOCK, J. A. Notes on the early stages of Memoria delicataria Dyar (Lepidoptera). South. Calif. Acad. Sci. B. 44: 20-21. Jan./Apr. 1945. 500 So8
- 8099 DANCY, T. A., and SAVAGE, L. E. Noctuae (i. e. Phalaenidae) captures in Mid-Sussex from the yew hedges. Ent. Rec. and J. Variation 57: 58-59. May 1945. 421 En89
- 8100 \*EBERLE, G. Waldfalter nonne [Lymantria monacha]. Natur u. Volk 72: 145-156. July 1, 1942. Ref. 509 F856
- 8101 FENDER, K. A mixed up butterfly [Euphy-dryas colon bakeri n. ab.]. Brooklyn Ent. Soc. B. 40: 54. Apr. 1945. 420 B79
- 8102 FIGUEIREDO JR., E. R. DE, and PEREIRA, H. F. Notas sobre "Xanthopastis timais" (Gram.) (Lep. Noct.), praga das Amarilidáceas. Inst. Biol. [São Paulo] Arq. 15: 289-298. Dec. 1944. 442.9 Sa6
- English abstract.
- 8103 \*FRANKENBERG, G. VON. Der falsch umge-legte gürtel [Thais polyxena]. Natur u. Volk 73: 337-340. Nov. 1, 1943. 509 F856
- 8104 \*FRANZ, E. Raupen-nest am obstbaum-zweig. Natur u. Volk 72: 36-37. Jan. 1, 1942. 509 F856
- Discusses measures to be taken in winter to rid fruit trees of nests of Nygmæa phaeorrhoea and Aporia crataegi.
- 8105 FRASER, F. C. The food-plants of Mimas tiliae (L.) (Lep., Sphingidae). Ent. Monthly Mag. 81: 141. June 1945. 421 En86
- 8106 \*GENTIL, K. Schmetterlings-schuppen unter dem licht- und dem elektronen-mikroskop. Natur u. Volk 72: 70-73. Mar. 1, 1945. 509 F856
- Discusses Morpho sulkowskyi.
- 8107 \*GRASSÉ, P. P. Un nouveau cas d'héma-phorrhée chez un lépidoptère Caryatis syntomina Btlr. (Callimorphidae). Soc. Ent. de France. B. 46: 22-24. 1941. 420 F84B
- 8108 HARPER, R. N. Light stimulus to stridulation of a lepidopteron, Euprepia pudica. Ent. Rec. and J. Variation 57: 73-74. June 1945. 421 En89
- 8109 HEIMBURGER, C. C. Comment on the budworm [Archips fumiferana], outbreak in Ontario and Quebec. Forestry Chron. 21: 114-126. June 1945. Ref. 99.8 F7623
- 8110 JOUBERT, C. J. Control of cutworms. [Euxoa spp.] Union So. Africa. Dept. Agr. and For-estry. B. 255 (Hort. Ser. 9), p. 87-92. 1945. 24 So84F
- 8111 KLEIN, J. Oriental fruit moth [Grapho-litha molesta], control. Calif. Cult. 92: 306. June 9, 1945. 6 G12
- 8112 KNIGHT, H. H. Some common Iowa butter-flies. Iowa Conserv. 4: 137, 139, 143. June 15, 1945. 279 Io92

## LEPIDOPTERA



8113 \*LE CERF, F. Description d'un genre nouveau et d'une nouvelle espèce de Cymathophoridae (Lep.) [Chaeopsestis ludovicae n. g., n. sp.] du Tonkin. Soc. Ent. de France. B. 46: 93-96. 1941. 420 F84B

8114 LEEDS, H. A. Butterfly collecting in Wood Walton, Hunts, area during 1944. Ent. Rec. and J. Variation 57: 53-58. May 1945. 421 En89

8115 LYLE, C. Delta oat growers advised to watch for armyworms. Miss. Farm Res. [Miss. Sta., 8(4): 7. Apr. 1945. 100 M69M1

8116 \*MENZEL, R. Die bekämpfung der kirschblütenmotte [Argyresthia sp.]. Schweiz. Z. f. Obst- u. Weinbau 54: 109-111. Mar. 17, 1945. 80 Sch9

8117 \*METALNIKOV, S. Utilisation des méthodes bactériologiques dans la lutte contre les parasites de la farine [Ephestia elutellaj. Inst. Pasteur, Paris, Ann. 71 (1/2): 60-61. Jan./Feb. 1945. 448.3 An75

8118 MURRAY, D. The senses of moths. Ent. Rec. and J. Variation 57: 61-63. June 1945. 421 En89

8119 NEWMAN, L. H. Butterflies at home and abroad. Country Life [London] 97: 688-689. Apr. 20, 1945. 80 C83

8120 NEWMAN, L. H. Butterflies of Britain - I-III. Field 185: 419-420, 445, 469. Apr. 28, May 5, 12, 1945. 10 F45

8121 \*PRAVIEL, G. Une Erebia [E. ottomana tardenota n. ssp.] nouvelle pour la France (Lep. Satyridae). Soc. Ent. de France. B. 46: 58-62. 1941. 420 F84B

8122 \*RABAUD, E. A propos de l'hémaphrorrhée des lépidoptères. Soc. Ent. de France. B. 46: 72. 1941. 420 F84B

Caryatis syntomina, Callimorpha hera.

8123 RAPP, W. F. Neopniasis, new name for Pariasis Druce 1890 (Lepidoptera). Ent. News 56: 117. May 1945. 421 En88

8124 RAWSON, G. W. Interesting problems connected with the checkered white butterfly Pieris protodice, Boisduval and Leconte. Brooklyn Ent. Soc. B. 40: 49-54. Apr. 1945. 420 B79

8125 \*SHWEIG, K. Trials with mineral oils for the control of the grape berry moth [Polychrosis viteana]. (In Hebrew.) Hassadeh 25: 242-243. Apr. 1945. 26 H27

8126 STEINER, L. F., SUMMERLAND, S. A., and FAHEY, J. E. Experiments with DDT for codling moth [Carpocapsa pomonella] control at the Vincennes, Ind. laboratory. Ind. Hort. Soc. Trans. (1944) 84: 26-42. 81 In2

8127 STERNITZKY, R. F. A new race of Parnassius clodius Men. New England Zool. Club. Proc. 23: 81-83. June 27, 1945. 410.9 N44

P. clodius strohbeeni n. ssp.

8128 TURNER, H. J. The British Noctuae [i. e. Phalaenidae, and their varieties. Ent. Rec. and J. Variation 57(5, sup.): 189-192; (6, sup.): 193-196. (Cont.) May, June 1945. 421 En89

8129 UNDERHILL, G. W. The juniper webworm [Dichomeris marginellus]. Gard. Gossip 20(6): 14. June 1945. 80 G1625

8130 VARIN, G. Argynnis niobe L. race sequanica Varin (Lep. Nymphalidae). Soc. Ent. de France. B. 49: 83-84. June 1944. 420 F84B

Argynnis niobe sequanica, n. race.

8131 WATSON, J. R. The damage of Melipotis acotioides to the Royal Poinciana. Fla. Ent. 27: 103. (Cont.) May 1945. 420 F662  
See also Sericulture and the Silkworm.

#### ORTHOPTERA

8132 \*CHAUVIN, R. Notes sur la physiologie comparée des orthoptères. I. Sur le phototropisme des orthoptères. Soc. Ent. de France. B. 46: 150-154. 1941. 420 F84B

8133 \*CHOPARD, L. Description de deux stenopelmatides cavernicoles d'Australie (Orth. Gryllacridae). Soc. Ent. de France. B. 49: 52-55. Apr. 1944. 420 F84B

Speleotettix tindalei n. g., n. sp.; S. flindersensis n. sp.

8134 HAZARD, F. O. Liquid and powder methods for roach testing. Soap and Sanit. Chem. 21(6): 126-127. June 1945. 307.8 Sol2

8135 HOOVER, S. C. Studies on the bacteroids of Cryptocercus punctulatus. J. Morph. 76: 213-225. May 1945. Ref. 444.8 J826

8136 HUSSEIN, M. Summary report on the work of the third Egyptian Anti-Locust Unit to Arabia. Soc. Fouad 1<sup>er</sup> d'Ent. B. 28: 155-177. 1944. 420 Eg9  
4 maps.

Campaign against Schistocerca gregaria.

8137 KNOWLTON, G. F. Grasshoppers head list of insect saboteurs, entomologist declares. Utah Farmer 64(20): 11. June 10, 1945. 6 D45

8138 MEINERS, E. P. "Cockroach" versus "roach." Brooklyn Ent. Soc. B. 40: 56. Apr. 1945. 420 B79

8139 REHN, J. A. G. The status of Stål's Oedipoda venusta, 1861 (Orthoptera, Acrididae, Oedipodinae). Ent. News 56: 132-133. May 1945. 421 En88

8140 \*TRINCHIERI, G. Third contribution to the locust bibliography. Internatl. Inst. Agr. Internatl. Rev. Agr. 35(7/8): 54M-64M. (Cont.) Aug. 1944. 241 In82A

#### SERICULTURE AND THE SILKWORM

8141 BUDDEN, B. Sericulture in Ireland: the Government of Eire and the church are encouraging the development of a new peasant industry. Silk & Rayon 19: 627, 630. June 1945. 304.8 S132

8142 PEEBLES, I. E. Silk culture thrives in Texas. Mfrs. Rec. 114(6): 122-123, 196, 199. June 1945. 297.8 M31

#### SMALLER ORDERS

8143 \*BERLAND, L. A propos du Boreus hyemalis (Mecoptera). Soc. Ent. de France. B. 46: 98. 1941. 420 F84B

8144 BRIAN, M. V. A new species of Spinisotoma (Collembola, Isotomidae). Ent. Monthly Mag. 81: 132-133. June 1945. 421 En86

Spinisotoma ephippiata, n. sp.

8145 CALVERT, P. P. Supplemental notes on the ecology of Odonate larvae. Ent. News 56: 113-117. May 1945. Ref. 421 En88

Supplements studies made by D. S. Kellicott and Prof. A. S. Pearse.

8146 \*CONDE, B. Protoures de Corse. Soc. Ent. de France. B. 49: 62-66. May 1944. Ref. 420 F84B

Includes Acerentulus confinis exiguus, n. var.

8147 \*EHRlich, H. Die biologie der flöhe in zahlen. Z. f. Hyg.-Zool. u. Schädlingsbekämpfung. 35: 158-162. Oct. 1943. Ref. 449.8 Z36

8148 \*FRANKENBERG, G. VON. Aufzucht der "Landköcherfliege" (Ecoicyla). Natur u. Volk 73: 58-68. Mar. 1, 1943. 509 F856

8149 \*GOETSCH, W. Wie entsteht ein termitenstaat? Natur u. Volk 72: 3-10. Jan. 1, 1942. 509 F856

8150 HOPPE, P. E. Development of spray control for thrips [Taeniothrips simplex] in gladiolus. Wis. Hort. 35: 235, 236. May/June 1945. Ref. 80 W752

8151 LAING, F. The interpretation of some early collembolan generic names. Ent. Monthly Mag. 81: 134-139. June 1945. Ref. 421 En86

8152 \*LHOSTE, J. Aperçu anatomique et histologique du tube digestif de Forficula auricularia L. Soc. Ent. de France. B. 46: 43-46. 1941. 420 F84B



8153 NÚÑEZ ANDRADE, R. Tungiasis. Medicina; Rev. Mex. 25: 169-173. May 25, 1945. Ref. 448.8 M4693

Caused by Tunga penetrans.

8154 \*PESSON, P. A propos d'une manifestation à aspect grégaire des larves d'Oligoneuriella rhenana Imhoff (Ephemeroptera). Soc. Ent. de France. B. 49: 70-71. May 1944. 420 F84B

8155 \*VERRIER, M. L. Captures d'éphémères [Ephemérida] en Auvergne et remarques sur leur comportement. Soc. Ent. de France. B. 46: 105-107. 1941. 420 F84B

8156 \*VERRIER, M. L. Nouvelles stations françaises d'Ephéméroptères [i. e. Ephemérida]. Soc. Ent. de France. B. 49: 27-30. Feb. 1944. 420 F84B

#### Anoplura and Mallophaga

8157 CAFFE, P. Viruela de los lechones. Argentina. Dir. de Ganad. E. de Canad. 1(4/5): 18-19. Jan./Feb. 1945. 49 B86

Caused by Haematopinus adventicius.

8158 \*FREYBERG, W. Über ein neues verfahren zur unmittelbaren und prophylaktischen Läusebekämpfung mit dem stoffimprägniermittel "Delicia-Läuse-Präparat." Z. f. Hyg. Zool. u. Schädlingsbekämpfung. 36: 17-23. Feb. 1944. 449.8 Z36

8159 LEETUN, M. E. Dipping cattle to kill lice [Bovicola bovis]. Dakota Farmer 65(12): 13, 16. June 23, 1945. 6 D14

8160 LE NOURY, J. Head louse [Pediculus humanus humanus] infestation. Med. Off. 73: 191-193. June 16, 1945. 448.8 M462

Contains figures on population and distribution.

8161 \*MATTHYSSE, J. G. Control of lice on cattle. (In Hebrew.) Hassadeh 25: 273-274. Apr. 1945. 26 H27

8162 \*REICHMUTH, W. Zur arbeitsrichtung und versuchstechnik in der läuseforschung, II; eine neue methode zur biologischen prüfung chemischer stoffe auf prophylaktisch-insektizide eigenschaften. Z. f. Hyg. Zool. u. Schädlingsbekämpfung. 35: 137-145. Sept. 1943. 449.9 Z36

8163 \*SCHLOTE, A. Die einwirkung von schwefeldioxyd aus fleckfiebererreger. Z. f. Hyg. Zool. u. Schädlingsbekämpfung. 36: 74-76. Apr./May 1944. 449.8 Z36

Sulfur dioxide, found ineffective against Rickettsia, will be used only in louse control.

8164 \*STEINIGER, F. Der läusebefall in den baltischen ländern und in weissruthenien. Z. f. Hyg. Zool. u. Schädlingsbekämpfung. 36: 128-130. Aug./Sept. 1944. 449.8 Z36

8165 \*STEINIGER, F., and LOSSE, K. Über bewegliche luftstromführung beim einsatz von luftreihitern in der entlausung. Z. f. Hyg. Zool. u. Schädlingsbekämpfung. 36: 42-49. Mar. 1944. 449.8 Z36

8166 \*STEINIGER, F. Zweiwöchige quarantäne entlausung bei temperaturen unter +10°C. Z. f. Hyg. Zool. u. Schädlingsbekämpfung. 36: 106-111. July 1944. 449.8 Z36

8167. STOJANOVICH, C. J., JR. The head and mouthparts of the sucking lice (Insecta: Anoplura). Microentomology 10: 1-46. June 25, 1945. Ref. 421 M58

#### AGRICULTURAL ENGINEERING

##### GENERAL

8168 ANDERSON, B. P. Carelessness cause of farm fires. Skagit Co-op. Dairyman 22(10): 16. June 1945. 280.28 Sk1

8169 BALDOCK, R. H. Highways are arteries to market. Oreg. Dept. Agr. Agr. B. 146: 15-16. June 1945. 2 Or3

8170 BLACKWELL, H. L. Electric fencing on the poultry farm. Mod. Poultry Keeping 52: 369. May 23, 1945. 47.8 Eg3

8171 BOWMAN, M. W. Safety program prevents accidents for Borden's in Windsor area. Dairy World 24(1): 11-13, 56. June 1945. 44.8 D1423

8172 BROWN, T. Safeguarding mechanized farming. Farmers Guide 101(12): 4. June 15, 1945. 6 In2

8173 COE, M. H. Grim report: casualties on farm front. Hoosier Farmer 30(6): 12. June 1945. 280.82 H76

8174 DICKERSON, I. W. A non-twist hay rope. Amer. Agr. 142(12): 6. June 16, 1945. 6 Am3

8175 EASTON, W. H. Fire prevention measures are essential for feed manufacturing plants. Feed Bag 21(6): 65, 102. June 1945. 389.78 F32

8176 ERICKSON, T. A. Farm safety week: its purpose is to help farm people become "safety-minded." Farmer [St. Paul], Gen. Ed. 63(13): 7. July 7, 1945. 6 F2211

8177 \*HEREDIA, E. A. La prevención de accidentes en el campo. Surco [Madrid] 4(36): 4-6. Feb. 1945. 15 Su7

8178 JONES, R. E. Check poultry losses [from predatory animals and theft by fencing]. New England Homestead 118(11): 17. June 9, 1945. 6 N442

8179 KEGG, V. C. Electric fence controllers - at their very best. Ohio Farm Bur. News 24(11): 25. June 1945. 6 Oh34

8180 MOAS, M. La prevención de accidentes en la industria azucarera. La descarga de caña desde la basculadora a los molinos. Retiro Azucarero 1(2): 16-18. Sept. 1944. 65.8 R31

8181 SMITH, A. Stack building and thatching. Gt. Brit. Min. Agr. Agriculture 52: 104-106. June 1945. 10 G79J

8182 TURNER, A. W. The responsibilities and limitations of Federal agricultural engineering research. Impl. & Tractor 60(12): 34, 36, 56. June 16, 1945. 58.8 W41

#### FARM MACHINERY

##### General

8183 AGUILAR, P. C. Mecanización de la agricultura en Yucatán. Fomento [monthly] 2(17): 13, 16. Mar. 1945. 8 F734

8184 \*BARATTE, J. La mécanisation de l'agriculture. Assoc. des Chim. B. 61: 201-209. May/June 1944. 383 As7

8185 BARRETT, L. A. G. Flax to vegetables. Drainage of peaty lands in Shannon district. New Zeal. Farmer Weekly 66(5): 4, 6. May 3, 1945. 23 N483

Use of equipment.

8186 \*BECKERICH, A. En attendant des machines agricoles neuves, sachons réparer les anciennes. Génie Rural et Elect. Rurale 38(4): 7-9. Apr. 1945. 58.8 Au8

8187 BELL, R. C. The homemade egg cleaner. Country Gent. 115(7): 28. July 1945. 6 C833

8188 BLASINGAME, R. U. Farm boys make their own equipment. Pa. Farmer 132(12): 5. June 23, 1945. 6 P383

8189 BORDEN, A. D. New spray equipment highly praised. Better Fruit 39(12): 9, 15. June 1945. 80 B46

8190 BRODELL, A. P. Farm machinery in wartime. Agr. Situation 29(6): 14-17. June 1945. 1 Ec7Ag

8191 BUMBALEK, J. L. Weighted driver for fence posts has pointers for leveling. Pop. Mechanics Mag. 84(1): 140. July 1945. 291.8 P81

8192 BURRELL, A. B. Mounted spray nozzle. East. Fruit Grower 8(4): 8, 15, 17-18. June 1945. 80 Ea73

8193 CARVAJALINO JACOME, L. J. Maquinaria agrícola pequeña. Rev. Nac. de Agr. [Bogotá] 38(486): 29-33. Feb. 1945. 9.4 R32



8194 \*CHAUSOV, P., and GARBERG, M. Upyt re-stavratsii detaloi [Experiment in repairing parts of machines]. Sovkhoz. Proizvod. 4(10/11): 47-48. Oct./Nov. 1944. 20 So85

8195 \*CHAVAGNAT, M. Cultivateurs, un bon conseil! Entretenez votre matériel électrique. Génie Rural et Elect. Rurale 38(4): 3-6. Apr. 1945. 58.8 Au8

8196 CONKLIN, E. A. Dealers making postwar plans. Farm Mach. and Equip., No. 1938, p. 24. June 1945. 58.8 F225

8197 DAVIS, A. F. Product improvement by welding typified in design of implements. Farm Impl. News 66(13): 26-28. June 21, 1945. 58.8 F22

8198 DEEMS, H. W. Something new has been added. Agr. Ed. Mag. 18(1): 13. July 1945. 275.8 Ag8  
Farm shop instruction in Nebraska.

8199 EDMAN, R. Mechanization moves ahead. Sugar Beet 5(3): 24-25. June 1945. 66.8 Su34B

8200 FARISH, L. R. Sprayer for use on truck crops. Miss. Farm Res. [Miss. Sta.] 8(4): 7. Apr. 1945. 100 M69M1

8201 FORD, L. H. Developments rapid in one-man farm machines. (Abs.) S. A. E. [Soc. Automotive Engin., J. 53(7): 34. July 1945. 291.9 Sol

8202 GEIL, L. H. "Fix it" men. Farm J. 69(7): 24, 26. July 1945. 6 F2212

8203 HEIMPEL, L. G. Farm machines of 1950. Family Herald and Weekly Star 76(23): 3-4. June 6, 1945. 7 F21

8204 HOLLAND, J. A. Your farm workshop; expert discusses location and necessary equipment. Farmers Guide 101(13): 8. July 1, 1945. 6 In2

8205 HOPPERSTEAD, S. L. New developments in spraying and dusting equipment. (Abs.) Phytopathology 35: 485-486. June 1945. 464.8 P56

8206 KRANICK, F. Taking care of farm machinery. Impl. & Tractor 60(12): 26, 42. June 16, 1945. 58.8 W41

8207 LAMMEY, W. C. The "how" of hand filing. Pop. Mechanics Mag. 84(1): 130-136. July 1945. 291.8 P81

8208 LANE, L. Lubbock County displays labor-saving devices. Acco Press 23(6): 1-3. June 1945. 6 Ac2

8209 LANE, L. Thirty post-holes an hour. Westerner 8(5): 13, 25. June 1945. 49 W522

8210 LEWIS, R. W. Postwar pump competition. Farm Impl. News 66(12): 42. June 7, 1945. 58.8 F22

8211 MCCROSKEY, R. M. Looking back from 1950. Farm Impl. News 66(13): 34-35. (To be cont.) June 21, 1945. 58.8 F22

8212 NUMBER AND duty of principal farm machines. Farm Impl. News 66(14): 74-78, 80, 82, 84, 86, 88. July 5, 1945. 58.8 F22

8213 S., C. F. F. The art of making scythes handles. Wood 10: 107-109. May 1945. 99.82 W855  
An English rural craft.

8214 \*SCH. Wasserstellen mit festem belag umgeben. Schweiz. Gart., Apr. 10, 1945, p. 116-117. 80 Sch93

8215 WOOD, A. F. Beet crop mechanization goes ahead. Sugar 40(6): 32-33. June 1945. 65.8 F11

8216 \*ZUKIER, A. Modern agricultural machinery. (In Hebrew.) Hassadeh 25: 290-292. May 1945. 26 H27

#### Tillage Machinery

8217 ACKERMAN, F. G., and EHERSOLE, J. C. Prerequisites of a sweep stubble-mulch tillage implement for the southern high plains. Agr. Engin. 26: 249-250. June 1945. 58.8 Ag83

8218 \*B., A. Le prédémariage des betteraves. Génie Rural et Elect. Rurale 37(9/11): 3. Sept./Nov. 1944. 58.8 Au8  
Equipment.

8219 \*BECKERICH, A. Le déchaumage. Génie Rural et Elect. Rurale 37(6): 5-6. June 1944. 58.8 Au8

8220 \*THOMAS, J. Nouvelles réalisations de labourage électrique par treuils. Génie Rural et Elect. Rurale 37(9/11): 1-3, 5. Sept./Nov. 1944. 58.8 Au8

#### Planting Machines and Fertilizer Distributors

8221 \*BECKERICH, A. Semoirs et distributeurs d'engrais. Génie Rural et Elect. Rurale 37(5): 8-9. May 1944. 58.8 Au8

#### Harvesting, Threshing, Drying, and Processing Equipment

8222 AREND, A. G. Sugar beet: recent progress in British field and factory machinery. Empire Prod. No. 287, p. 21-23. June 1945. 286.8 Em7

8223 BARGER, E. L., and AIKMAN, J. M. Mechanization of sumac leaf harvesting and processing. Agr. Engin. 26: 243-245. June 1945. 58.8 Ag83

8224 \*BASHKIROV, S. Moshchnaia zernoochistitel'naiia ustanovka [Effective grain-cleaning equipment]. Sovkhoz. Proizvod. 4(10/11): 44-46. Oct./Nov. 1944. 20 So85

8225 BISHOP, L. R. Modern grain harvesting. Inst. Brewing J. 51: 127-132. May/June 1945. 390.9 In7

8226 BOUYOUCOS, G. J., and MARSHALL, R. E. How to control bin dryers. Food Indus. 17(7): 96-98. July 1945. 389.8 F737

8227 BRODELL, A. P., and WALKER, H. R. How the corn crop is harvested. Farm Impl. News 66(14): 60-62. July 5, 1945. 58.8 F22

8228 CAPILOUTO, R. R. Control sanitario en la usina de pasteurización. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 22-26. Nov. 1944. 49 B86

8229 \*COHEN, J., and FLEISHMAN, D. The gathering of corn stalks. (In Hebrew.) Hassadeh 25: 263-264. May 1945. 26 H27

8230 DENNINGTON, A. R. Air sanitation in dairies and food plants. Ice Cream Field 45(6): 47-48, 50. June 1945. 389.8 Ic23  
Use of sterilamp.

8231 DUFFEE, F. W. Forage harvester in action. Hoard's Dairyman 90: 346, 350. June 25, 1945. 44.8 H65

8232 ELCOCK, H. A. Huff attachment for John Deere beet loader (or any spud chain type of loader). Sugar Beet 5(3): 13-15. June 1945. 66.8 Su34B

8233 GILLESPIE, D. Controlling operating costs through plant maintenance. (Abs.) Milk Dealer 34 (9): 139-140. June 1945. 44.8 M595

8234 HASSON, R. Sterilizing dairy equipment with ultra-violet rays. Calif. Dairyman 25(8): 24-26. May 26, 1945. 44.8 Cl2

8235 HEIMPEL, L. G. Better hay by barn drying. Macdonald Col. J. 5(9): 6-7. May 1945. 101 M144

8236 HIGGS, C. Haymaking with a pick-up baler. Gt. Brit. Min. Agr. Agriculture 52: 102-103. June 1945. 10 G79J

8237 HIGGS, C., WARD, F. W., and BULLARD, D. G. Row-crop machinery. Gt. Brit. Min. Agr. Agriculture 52: 130-131. June 1945. 10 G79J

8238 HOOD, E. G., and HLYNKA, I. The centrifugal milk clarifier in Cheddar cheese manufacture. Canad. Dairy and Ice Cream J. 24(5): 27-31. May 1945. 44.8 Cl62

8239 \*IAKOVLEV, S. Tvorchestvo izobretatelei [The genius of inventors]. Sovkhoz. Proizvod. 4 (10/11): 43-44. Oct./Nov. 1944. 20 So85  
Invention of a motorless combine of the system P. V. Ivanova.

8240 JAMIESON, M. C., and CHEN, E. K. A swab-slant test for equipment sanitation and its correlation with a standard method. J. Milk Technol. 8: 134-139. May/June 1945. 44.8 J824



- 8241 JENKINS, H. Farm cooling. New England Dairies News 4(10): 5, 7. Jan. 1945. 44.9 N443
- 8242 \*KESSLER, H. Verbesserungen auf dem gebiet der dörröfen-konstruktion. Schweiz. Z. f. Obst- u. Weinbau 54: 116-118. Mar. 31, 1945. 80 Sch9
- 8243 KRAMER, I. The "thermobank" system. Refrig. Engin. 50: 21-28, 66, 68, 70. July 1945. 295.9 Am32J  
Unit coolers.
- 8244 KRISTENSEN, J. M. Milking machine cleansing - caustic soda better than washing soda. Austral Milk & Dairy Prod. J. 12(4): 13. Apr. 1945. 44.8 Au72
- 8245 LEMING, M. New rice drier. South. Agr. 75(7): 13. July 1945. 6 So83
- 8246 LOFT CURING...beats weather saves hay quality. Mo. Ruralist 86(12): 1, 8-9. June 23, 1945. 6 B8891
- 8247 MASTEN, F. O. Producing cotton on large farms. Cotton Res. Cong. Proc. (1944) 5: 19-21. 72.9 C825
- 8248 MITCHELL, N. M. Engineering with relation to modern textile machinery. Cotton Res. Cong. Proc. (1944) 5: 56-70. 72.9 C825
- 8249 MORROW, J. What electronics will bring the food economist. Amer. Cookery 50(9): 30-31, 55. May 1945. Ref. 389.8 B65  
"Account of electronics in food processing and cookery."
- 8250 MOULD, A. H. Modern methods and equipment for sterilizing milk. Dairy Indus. 10: 330-333. May 1945. 44.8 D1427
- 8251 NATIONAL INSTITUTE OF AGRICULTURAL ENGINEERING. Adjustable draw-bars. Gt. Brit. Min. Agr. Agriculture 52: 132. June 1945. 10 G79J
- 8252 NICHOLAS, J. E. Quick freezing performance of an experimental sub-zero food freezer. Refrig. Engin. 50: 29-31, 57-58, 62. July 1945. 295.9 Am32J
- 8253 PATRICK, J. Be careful with those empties. Dairymen's bottle and churn losses. Dairymen 62: 67. Mar. 1945. 44.8 D1426
- 8254 PRATT, E. Machine age in Dixie. John Rust's mechanical cotton picker will revolutionize life in the South. Common Sense 14(6): 13-15. July 1945. 280.8 C737
- 8255 READ, H. Adjustments for mower. Capper's Farmer 56(7): 38. July 1945. 6 M693
- 8256 RIBEIRO, J. A. Tecnologia da fabricação de queijos. Rev. dos Criadores 16(4): 42-45. Apr. 1945. 43.8 R32
- 8257 SCHALLER, J. A., MITCHELL, N., and DICKERSON, J., JR. Barn haydrier; principles of design, installation and operation. U. S. Tenn. Val. Authority. Com. Dept. Agr. Engin. P., No. 6, 129 p. Knoxville, 1945. 173.2 T25Ag
- 8258 SMITH, H. P. Cotton production cost reduced through use of mechanical equipment. Cotton Res. Cong. Proc. (1944) 5: 22-28. 72.9 C825
- 8259 SQUIBB, R. L. El uso de un establo pequeño para lechería. Rev. de Agr. [Costa Rica] 17: 219-223. May 1945. 8 Es1
- 8260 TERRY, W. C. Producing cotton on small farms. Cotton Res. Cong. Proc. (1944) 5: 15-18. 72.9 C825
- 8261 \*TURLIN, R. Les conditions du développement du battage électrique. Génie Rural et Elect. Rurale 37(5): 3-5. May 1944. 58.8 Au8
- 8262 WELCH, F. J., and MILEY, D. G. Mechanization of the cotton harvest. Miss. Farm Res. [Miss. Sta.] 8(6): 3-6. June 1945. 100 M69M1
- 8263 WHITTLESTON, W. G. Some studies on the properties of rubber used in dairy equipment. Part II. Some experiments on the suitability of different rubber stocks and types of rubberware for use on milking machinery. New Zeal. J. Sci. and Technol., Sect. A, Agr. 26: 382-398. Apr. 1945. 514 N48A
- 8264 WILSON, D. A modern wool drying machine. Textile Rec. 62(747): 41-42, 51. June 1945. 304.8 T311
- Trucks, Tractors, and Other Farm Power (Including Fuels)
- 8265 BLACK, J. J. Electric tractor would suit small men admirably. Smallholder 73(1837): 10. June 1, 1945. 10 Sml
- 8266 \*BOURDELLE, Les essais des tracteurs et des motoculteurs. Assoc. des Chim. B. 61: 210-224. May/June 1944. 383 As7
- 8267 BROWN, E. T. Tractors on the farm. Farmer and Settler 40(13): 9; (15): 10. (To be cont.) Apr. 27, May 11, 1945. 23 F226
- 8268 \*CARBONARO. L'alcool carburant et l'agriculture française. Assoc. des Chim. B. 61: 122-141. May/June 1944. 383 As7
- 8269 CENSUS report on engines, pumps, etc. Farm Impl. News 66(14): 68-69. July 5, 1945. 58.8 F22
- 8270 \*FRANCE, G. DE. La motorisation de l'agriculture. Génie Rural et Elect. Rurale 38(4): 1-3. Apr. 1945. 58.8 Au8
- 8271 HALL, H. S. Road transport of food. Food Manufacture 20: 214-218. June 1945. 389.8 F736  
Trucks.
- 8272 HINKLE, C. N. Take time with your tractor. Country Book Mag. 5(1): 101-104. Summer 1945. 6 C836
- 8273 INCREASE in tractors by States. Farm Impl. News 66(14): 72. July 5, 1945. 58.8 F22
- 8274 KRAUSE, N. R. Air cleaners and pre-cleaners for engine protection. Agr. Engin. 26: 242, 245. June 1945. 58.8 Ag83
- 8275 LEATHART, A. English windmills. Wood. 10: 142-145. June 1945. 99.82 W855
- 8276 \*LONNEMARK, H. Vad kostar traktorarbetet? [Tractor operating costs.] Försök och Forskning 2: 49-51. Apr. 1945. 11 F77
- 8277 POSSIBLE farm uses of army jeep. Ill. Agr. 48: 5, 9. Mar. 1945. 6 I16
- 8278 PRODUCTION of farm tractors. Farm Impl. News 66(14): 73. July 5, 1945. 58.8 F22
- 8279 SHAWL, R. I. Tractor repair and maintenance. Part 2, tractor engine. Farm Impl. News 66(12): 43-44. June 7, 1945. 58.8 F22
- 8280 TOWNSEND, C. H. S. The animal carrying trailer as used in the central Mediterranean force. Roy. Army Vet. Corps, J. 16: 186-187. May 1945. 41.8 G79
- 8281 TRACTORS on farms - Jan. 1, 1942 & Jan. 1, 1945. Farm Impl. News 66(14): 70-71. July 5, 1945. 58.8 F22
- 8282 \*TURLIN, R. La motoculture électrique. Assoc. des Chim. B. 61: 184-200. May/June 1944. 383 As7
- 8283 WETZEL, G. F. Saving cracked engine heads and blocks. Impl. & Tractor 60(11): 49-50, 55, 57. June 2, 1945. 58.8 W41
- FARM STRUCTURES
- General
- 8284 BEEELER, M. N. Out of feedlot mire. Capper's Farmer 56(7): 12, 33. July 1945. 6 M693
- 8285 HOLMAN, G. Bench jig for motor repairs. Pop. Mechanics Mag. 84(1): 129. July 1945. 291.8 P81
- 8286 HUNT, A. DE V. Sun, wind and rain can wreak havoc on buildings, too. Farmer and Settler 40(13): 5. Apr. 27, 1945. 23 F226
- 8287 PORGES, R. Exterior waterproofing technique. Civil Engin. 15: 319-321. July 1945. 290.8 C49



Farmhouses

- 8288 BUNNING, W. Country homes. Country Life [Sydney, 56(41): 14. Apr. 27, 1945. 286.85 Sy2
- 8289 BUNNING, W. Country homes: Australian prefabrication. Country Life [Sydney, 56(41): 16. June 1, 1945. 286.85 Sy2
- 8290 BUNNING, W. Prefabricated farm houses. Country Life [Sydney, 56(40): 16. Apr. 20, 1945. 286.85 Sy2
- 8291 DILLER, J. D. Prevention of decay in sub-structures of houses on wet sites. (Abs.) Phytopathology 35: 484. June 1945. 464.8 P56
- 8292 FARRIER, C. W. New materials for new houses. Chemistry 18(10): 59. June 1945. 381 J826A
- 8293 HEINER, M. K., and MCCULLOUGH, H. E. Research points the way to the kitchen of tomorrow: methods used to find ways to save labor and prevent fatigue by proper adjustment of sink and drain board, storage facilities, and other equipment. Farm Res. [N. Y. State Sta.] 11(3): 11-12. July 1945. 100 N48A
- 8294 HILLIER WOMEN'S INSTITUTE. Ideal farm houses as planned by farm people. Farmer's Mag. 42 (6): 10. June 1945. 7 C165
- 8295 KLAS, J. V. Streamline the kitchen. Calif. Cult. 92: 337, 347. June 23, 1945. 6 C12
- 8296 KLEIN, P. Postwar homes will be better. Calif. Cult. 92: 337, 346-347. June 23, 1945. 6 C12
- 8297 \*MARCHETTANO, E. La casa colonica marchigiana ed uno studio del Prof. Licinio Sabbatini. Ital. Agr. 79: 529-537. Oct. 1942. 16 It1
- 8298 RIEMER, S. Farm housing behavior: an analysis of housing census data. Rural Sociol. 10: 157-168. June 1945. 281.28 R88
- 8299 ROBERTS, J. A. Farm housing. Marit. Farmer and Coop. Dairyman 50(18): 7. June 19, 1945. 7 C77
- 8300 MARCENARO-BOUTELL, R. Farm housing in Argentina. Rural Sociol. 10: 168-173. June 1945. 281.28 R88
- 8301 YOUTZ unit system of prefabrication. Architect. Rec. 98(1): 105-108. July 1945. 296.8 Ar23

Service Buildings

- 8302 BARLEY, H. D. A good go-between house. Poultry World 76: 253. June 1, 1945. 47.8 P8682
- 8303 BLACKWELL, H. L. Simple universal hurdle. Poultry Farmer [London, 112(2918): 3. May 25, 1945. 47.8 F312
- 8304 BUSWELL, J. H. What about the laying house of tomorrow? Hatchery Tribune 19(17): 68-70. July 1945. 47.8 H28
- 8305 CLINTON, H. F. Make full survey first. Decide farm's future scope in planning for equipment. Farmer and Settler 40(15): 17. May 11, 1945. 23 F226
- Equipment for new poultry farms.
- 8306 COX, M. G. Dairy cows in covered courts: its advantages for winter housing. Dairyman 62: 81, 83. Mar. 1945. 44.8 D1426
- 8307 DIXON, W. H. How I built folds without undue scrounging. Poultry Farmer [London] 112(2920): 7. June 8, 1945. 47.8 F312
- 8308 DIXON, W. H. How I designed a large fold. Poultry Farmer [London, 112(2921): 6. June 15, 1945. 47.8 F312
- 8309 FARNSWORTH, MRS. H. Poultry houses change too. Mo. Ruralist 86(12): 15. June 23, 1945. 6 R8891
- 8310 FERGUSON, C. M. Housing the farm flock. Canad. Poultry Rev. 69(6): 18, 20-22, 24-26. June 1945. 47.8 C16
- 8311 HILL, A. Half-way house. Poultry Farmer [London, 112(2921): 7. June 15, 1945. 47.8 F312

- 8312 KALBER, S. K. Are your incubators operating this summer? Smith's Chickagrams 14(6): 2. June 1945. 47.8 Sm6
- 8313 KOSTIW, J. Make your own chick fountain. Family Herald and Weekly Star 76(23): 13. June 6, 1945. 7 F21
- 8314 LOSKY, R. F. La cría del conejo en jaula. Rev. Nac. de Agr. [Bogotá, 38(486): 37-38. Feb. 1945. 9.4 R32
- Cages for rabbits.
- 8315 LUNDBERG, E. A. Postwar hatchery front will do a selling job! Hatchery Tribune 19(17): 7, 99-100. July 1945. 47.8 H28
- 8316 MCNABB, H. American plans for milk plant. Dairyman 62: 139, 141. May/June 1945. 44.8 D1426
- 8317 MAEDER, M. Heat kills many rabbits. Don't wait for a hot spell - have sprinkler system ready - proper housing facilities necessary. Poultry and Rabbit Monthly 13(6): 7. June 1945. 47.8 P8654
- 8318 MILLER, J. P. Good water supply poultry-man's best friend. Washcoegg 23(1): 9-10, 18. June 1945. 47.8 W27
- 8319 POSEY, R. S. A permanent poultry house. Poultry Press 31(16): 1-2. June 14, 1945. 47.8 P8643
- 8320 RAIMO, H. F. Material avicola necessario á exploração das aves em postura. Rev. dos Criadores 16(4): 53-58. Apr. 1945. 43.8 R32
- 8321 ROPER, W. L. Practical suggestions on milk house construction. Natl. Butter and Cheese J. 36(6): 31-32. June 1945. 286.85 B98Bu
- 8322 SCHIMPF, D. Ventilating shaft helps prevent corn spoiling in crib. Pop. Mechanics Mag. 84(1): 137. July 1945. 291.8 P81
- 8323 SHIRREFF, W. H. Important equipment for Angoras. Small Stock Mag. 29(7): 17, 20-21. July 1945. 48.8 P442
- 8324 SNOW, C. F. Hutch comfort for the rabbits. Mod. Poultry Keeping 52: 341. May 9, 1945. 47.8 Eg3
- 8325 TURNILL, L. Facts about folds. Poultry Farmer [London, 112(2921): 3. June 15, 1945. 47.8 F312
- 8326 TURNILL, L. 1,000 bird battery house. Poultry Farmer [London] 112(2920): 3. June 8, 1945. 47.8 F312
- 8327 TURNILL, L. When were trapnests invented? Poultry Farmer [London, 112(2918): 6-7. May 25, 1945. 47.8 F312
- 8328 VAN STRAATEN, N. J. The farm dairy. Farming in So. Africa 20: 239-244. Apr. 1945. 34 So842
- Construction of cow stables and dairies.
- 8329 WILSON, K. Complete intensive unit. Poultry Farmer [London] 112(2916): 4; (2917): 6. (Cont.) May 11, 18, 1945. 47.8 F312
- Poultry houses.
- 8330 WILSON, K. How to run my 20 bird intensive unit. Poultry Farmer [London] 112(2919): 6-7. June 1, 1945. 47.8 F312
- 8331 WORTHINGTON, J. Simplest form of coop design. Poultry Farmer [London, 112(2921): 6. June 15, 1945. 47.8 F312
- 8332 WYLIE, C. E. Hay drying in the barn. South. Dairy Prod. J. 37(5): 78-79. May 1945. 44.8 So83
- Construction of barn for drying.
- 8333 ZICH, G. The "hatchery of the future" will use Diesels. Hatchery Tribune 19(17): 36, 54-55. July 1945. 47.8 H28

Storage Structures

- 8334 GROWTHER, G. W. When you buy a freezing cabinet. With the Conn. Homemaker, June 25, 1945. p. 21, 23-24. 275.29 C76W
- 8335 FAGAN, F. N. Orchard products of higher quality possible with farm-type cold storage. Sci. Farmer [Pa. Sta.] 1945, p. 1-2. 100 P381
- Sup. 2 to Pa. Agr. Expt. Sta. B. 464.



8336 GETSON, S. F. Putting in the ice supply. Family Herald and Weekly Star 76(6): 6. Feb. 7, 1945. 7 F21

Method of storing the ice.

8337 GOUGLER, F. A. Conflicting regulations stump locker operators. Ill. Agr. Assoc. Rec. 23(6): 6-7. June 1945. 6 I162

8338 HEPPE, W. F. Exchange meets war-time needs by \$135,000 expansion program. New warehouses for potatoes and onions provided at nine important locations - Keenesburg plant a model potato storage. Colo. Potato Grower 22(12): 1, 4. June 1945. 75.8 C71

8339 MASTERMAN, N. K. Survey discloses what women want in cabinets. Quick Frozen Foods 7(11): 83-86. June 1945. 389.8 Q4

8340 MILLER, H. D. Farm freezing stirs intense interest in rural areas. Units will solve vexing storage problems for farmers and farm housewives. Utah Farmer 64(21): 3, 14. June 25, 1945. 6 D45

8341 MITCHELL, T. Storage houses serve frozen food trade. Food Packer 26(8): 36. July 1945. 286.83 C165

8342 SCHAFFHAUSEN, J. F. Emergency storage for wheat. Country Gent. 115(7): 18, 52-54. July 1945. 6 C833

8343 TRESSLER, D. K. How to budget your freezer space. Country Gent. 115(7): 76-77. July 1945. 6 C833

#### Farm Utilities

8344 ALL-OUT rural expansion. Elect. West 94(6): 107-109. June 1945. 735.8 J82

8345 B., M. R. Women should ok wiring but let experts do the work. Farmer and Farm, Stock and Home 63(11): 18. June 2, 1945. 6 F2211D

8346 \*BECKERICH, A. Améliorons le confort des habitations rurales. La question des latrines. Génie Rural et Elect. Rurale 37(12): 12-13. Dec. 1944. 58.8 Au8

8347 \*CHAVAGNAT, M. Un exemple de modernisation d'une ferme de moyenne culture. Génie Rural et Elect. Rurale 37(12): 4-8. Dec. 1944. 58.8 Au8

Use of electricity.

8348 \*GENDRON, L. L'utilisation de la chaleur solaire pour le chauffage de l'eau. Génie Civil 116: 387-390. June 22/29, 1940. 290.8 G29

8349 GRIMMITT, H. W. Present & future aspects of electricity in agriculture. London Farmers' Club J. 4: 46-59. 1945. 10 L84

8350 HOLDEN, A. E., and ROSE, P. S. Plenty of water! The housewife will rejoice, herds and flocks prosper, if you can use kilowatts to replace the old hand pump. Country Gent. 115(7): 13, 47-48. July 1945. 6 C833

8351 MCMUNN, E. W. Electricity speeds farm work. Ohio Farmer 195(12): 8. June 16, 1945. 6 Oh3

8352 \*MARTY, H. 400 volts de tension électrique. Génie Rural et Elect. Rurale 37(6): 3-4. June 1944. 58.8 Au8

8353 MITCHELL, H. Power for industry, homes important function of CVA. Grange News 34(25): 12. June 23, 1945. 6 Ag893

Electric power.

8354 MYERS, F. E., II. Bright outlook for water systems. Farm Mach. and Equip., No. 1938, p. 12. June 1945. 58.8 F225

8355 OTTO, L. How to install septic tanks properly. Farm Impl. News 66(12): 40-42. June 7, 1945. 58.8 F22

8356 \*THOMAS, J. L'équipement électrique et hydraulique du Maroc. Génie Civil 116: 77-82, 97-100. Feb. 3, 10, 1940. 290.8 G29

Part 1, La production et la distribution de l'énergie électrique. Part 2, L'hydraulique agricole et l'électrification rurale.

8357 WEAVER, D. S., and TETER, N. C. Stokers for tobacco barns. Res. and Farming [N. C. Sta.] Prog. Rpt. 3(3): 1, 7. Apr. 1945. 100 N81R

8358 WEHE, R. A. Future of rural electrification. Elect. West 94(6): 103-107. June 1945. 335.8 J32

#### Materials and Methods

8359 BENSON, J. L. Paint. West. Livestock J. 23(38): 26. June 1945. 6 F2278

8360 MODROCH, J. What primer to select. Pop. Mechanics Mag. 84(1): 115. July 1945. 291.8 P81

8361 ORLAND, H. P. Speaking of materials ... for the hatchery of the future. Hatchery Tribune 19(17): 16-17, 48. July 1945. 47.8 H28

8362 TERRELL, A. C. Wartime painting of dairy plants. South. Dairy Prod. J. 37(5): 30-31. May 1945. 44.8 So83

#### AGRICULTURAL PRODUCTS; PROCESSING, DISTRIBUTION, AND STATISTICS

##### GENERAL

8363 ARANGO, R. Las dificultades de abastecimiento serán aun mayores en el futuro. Cuba. Min. de Agr. Rev. (ser. 4) 28(1): 88. Jan./Mar. 1945. 8 Ag88Re

Agricultural products.

8364 BIRDSEYE, C. Can you take it? Some tough competitive years lie ahead. Canner 101(3): 18-19. June 16, 1945. 286.83 C16

Food industry.

8365 BURK, M. C. Civilian food supplies for 1945. Agr. Situation 29(6): 2-4. June 1945. 1 Ec7Ag

8366 BURTON, L. V. The world's food supply. Food Manufacture 20: 208-209. June 1945. 389.8 F736

8367 COLLISON, C. F. Europe's food someone else's job, and vital, says Hoover. Com. West 89 (24): 10. June 16, 1945. 286.8 C733

8368 ENGLUND, E. The world outlook for food. Amer. Cookery 50(9): 20-21. May 1945. 389.8 B65

8369 \*GADGIL, D. R., and SOVANI, N. V. War and Indian economic policy. Gokhale Inst. Politics and Econ. P. 10, ed. 2, 160 p. Poona, 1944. 280.9 G56

Includes price control, rationing, and food policy.

8370 GRAVE world food shortages disclosed, by "M.B.A." Farmer & Stock-Breeder 59: 838. May 29, 1945. 10 F228

8371 HARDING, T. S., and KELLEY, J. E. Winning the peace on the home front. Amer. Cookery 50(9): 24-25, 62-63, 66. May 1945. 389.8 B65

Contents: What about our food supplies, by T. S. Harding; How long rationing? by J. E. Kelley.

8372 HOPKINS, A. G. Borneo - El Dorado of the southwest Pacific. Foreign Com. Weekly 19(13): 3-7, 40-41. June 23, 1945. 157.54 F763

Agricultural Products, p. 7.

8373 JOHNSON, E. Aftermath of famine. Survey Midmonthly 81: 173. June 1945. 280.8 C37

American aid to India.

8374 KEARNS-PRESTON, D. A. Burma today. Foreign Com. Weekly 19(11): 3-5, 40-41. June 9, 1945. 157.54 F763

Includes the food situation and foreign trade.

8375 LANGTON, H. M. Fats, milk, and related products; notes on some recent reports and lectures. Food 14: 157-158. June 1945. 389.8 F738

8376 LEA, N. Food problems in war-torn England. Co-op. Merchandiser 10(6): 30-31, 46. June 1945. 286.28 C78

8377 \*MEDICI, G. I servizi dell'alimentazione. Ital. Agr. 78: 3-4. Jan. 1941. 16 It1

Concentration of food services within the Italian Ministry of Agriculture.

8378 MORROW, E. Freedom without food? Woman's Press 39(7): 7-9. July/Aug. 1945. 110 W84



8379 MUKERJEE, R. The food supply. Oxford Pams. Indian Aff., No. 8, ed. 2, 32 p. London, 1944. 281.182 M892Fo

8380 \*PIETTRE, M. Plantes oléagineuses et betteraves sucrières. Acad. d'Agr. de France. Compt. Rend. 29: 126-127. 1943. 14 P215Bc  
Production quotas.

8381 \*RAJALAKSHMAN, D. V. War-time food supply in the Madras Presidency. Indian Co-op. Rev. 10: 158-166. Oct./Dec. 1944. 280.28 In2

8382 RICCARDI, A. El costo de la alimentación en Cuba. Cuba. Min. de Com. Rev. Ofic. 8(47): 8-14. Feb./Apr. 1945. 280.9 C91

Price indexes and consumption.

8383 RICHARDS, A. E. Canada's contribution to the food supply of the United Nations. Canad. Geog. J. 31(1): 50-53. July 1945. 470 C162

Statistics of wartime production and exports.

8384 SANDMEL, F. F., and others. There must be no hunger. Amer. Cookery 50(9): 17-19, 51-52, 58-61. May 1945. 389.8 B65

Contents: As the Friends see it -- and do it, by F. F. Sandmel, p. 17, 60-61 (relief work by the American Friends Service Committee); UNRRA - from planning to operation, by A. M. Taylor, p. 18, 58-59; Are we keeping our pledge? by H. Weston, p. 19, 59-60; The United Nations Food & Agriculture Organization, by U. H. Duffus, p. 19, 51-52.

8385 SRIVISTAVA, J. P. Sir J. P. Srivastava reviews food policy. Indian Inform. 16: 414-417. Apr. 1, 1945. 280.8 In25

8386 T., A. R. Poder adquisitivo, consumo y alimentación. Cuba. Min. de Com. Rev. Ofic. 8(47): 18-21. Feb./Apr. 1945. 280.9 C91

8387 U. S. CONGRESS. HOUSE. SPECIAL COMMITTEE TO INVESTIGATE FOOD SHORTAGES, 1945. Investigation of food shortages. Add. report...pursuant to H. Res. 195. 79th Cong., 1st sess., H. Rpt. 842, 12 p. Washington, 1945.

Clinton P. Anderson, chairman. Mainly on poultry and eggs, fruits and vegetables, dairy products, and fats and oils.

#### ANALYSIS AND COMPOSITION

8388 EBBS, J. C. Some practical problems in food composition. Amer. Dietet. Assoc. J. 21: 351-353. June 1945. 389.8 Am34

8389 HICKS, E. W. Equilibrium relative humidity of foodstuffs. Food Preserv. Q. 4(4): 3-5. Dec. 1944. 389.9 Au7F

8390 MANLEY, C. H., and WOOD, E. G. The rapid determination of fat in powders. Analyst 70: 173-174. May 1945. 382 An1  
Food analysis.

#### CONSUMPTION AND UTILIZATION

8391 \*CREA, V. La disciplina dell'alimentazione in periodo di guerra. Ital. Agr. 78: 463-467. June 1941. 16 It1

Methods of restricting consumption.

8392 HALL, H. H. Testing new ingredients in candy at regional lab. Internatl. Confectioner 55 (6): 34. June 1945. 389.8 In214

Utilization of agricultural products in candy-making by the Southern Regional Research Laboratory.

8393 JESNESS, O. B. Industrial uses for farm products. Minn. U. Agr. Ext. Farm Business Notes, No. 270, p. 2-3. June 25, 1945. 275.29 M663

8394 WICKARD, C. R. Watch it! Many changes in food utilization due at end of war. (Excerpts.) West. Grower and Shipper 16(7): 15-16, 25. June 1945. 280.38 W52

#### DISTRIBUTION, MARKETING, AND TRANSPORTATION

8395 BEINS, C. Quality plus advertising key to success of the frozen food industry. Ice Cream Field 45(6): 42, 45-46. June 1945. 389.8 Ic23

8396 BITTER, E. R. Six months old, Chicago frozen foods firm does \$20,000 a month business. Telephones customers before truck's monthly visits. Air Conditioning and Refrig. News 45(5): 26-27. June 4, 1945. 295.8 EL2

8397 BRICHET, J. La coopération des producteurs, condition sine qua non de l'efficacité de transports sous le régime froid. Fruits et Primeurs de l'Afrique du Nord. Ed. Maroc. 15: 76. Apr. 1945. 80 F9482

8398 COOKE, R. J. Black markets on Broadway; shortages in butter, meat and labor more acute than in Canada, a Canadian Grocer representative finds. Canad. Grocer 59(12): 20. June 15, 1945. 286.83 C162

8399 DELOACH, D. B. Problems in marketing Oregon agricultural products. Oreg. Dept. Agr. Agr. B. 146, p. 3-5. June 1945. 2 Or3

8400 GRAHAME, D. Little market business is big. Mex.-Amer. Rev. 13(6): 9-10, 58. June 1945. 287 M572

Markets in Mexico City.

8401 HARPER, F. A. Retailers' stake in national prosperity. N. Y. Agr. Col. (Cornell) Farm Econ., No. 146, p. 3731-3734. May 1945. 280.8 C812

Food stores included.

8402 HOPPER, W. H. Urban food terminals -- post-war need. Food in Canada 5(5): 9-12. May 1945. 389.8 T7323

8403 HORINE, M. C., and others. Fresh-plucked produce from everywhere; by land, by sea and by air, "perishables" will be speeded to you. Amer. Cookery 50(9): 28-29, 44, 46-48, 56-57. May 1945. 389.8 B65

Contents: The truck way, by M. C. Horine; The rail way, by M. E. Pennington; The water way, by C. O. Bratley; The air way, by S. A. Larsen.

8404 LOCKHART, J. A. Managing the modern feed and farm supply store. Chapter 2. The farm supply store itself. Feedstuffs 17(26): 20-24. (Cont.) June 30, 1945. 286.81 F322

8405 MCNAIR, M. Effect of existing managerial-competitive situation. Canad. Grocer 59(11): 16. June 1, 1945. 286.83 C162

Pt. 2 of a series "Will Distribution Costs Be Lower after the War?"

8406 MARDEN, L. To market in Guatemala. Natl. Geog. Mag. 88(1): 87-88. July 1945. 470 N213

8407 NIELSEN, N. I. The value of statistics in the marketing of agricultural products. Oreg. Dept. Agr. Agr. B. 146; p. 17-18. June 1945. 2 Or3  
Work of the Crop Reporting Service of the U. S. Dept. of Agriculture.

8408 REYNOLDS, Q. Your purchasing department reports. East. States Co-op. 21(4/5): 5-13. Apr./May 1945. 280.29 Ea7  
Eastern States Farmers' Exchange.

8409 \*SATTIANADHAN, W. R. S. Consumers' co-operative movement in the Madras Province. Indian Co-op. Rev. 10: 138-148. Oct./Dec. 1944. 280.28 In2  
Special reference to rural cooperative stores.

8410 SCHWARZMANN, W. E. Better food distribution will be demanded in post-war era. Natl. Food Distrib. J. 19(6): 5. June 1945. 286.28 N212

8411 UPSEAW, W. E. Government aids in marketing. Oreg. Dept. Agr. Agr. B. 146, p. 5-7. June 1945. 2 Or3

8412 \*WITZLEBEN, A. VON. Der "neue plan" Ungarns im wirtschaftsjahr 1944/45. Deut. Schlachthof-Ztg. 44: 84-85. June 15, 1944. 286.85 D48  
Compulsory delivery of agricultural products.

#### GRADING, INSPECTION, STANDARDIZATION, AND QUALITY

8413 CARROLL, J. F. Descriptive labeling... the positive approach. Mod. Packaging 18(10): 100-101. June 1945. 309.8 M72

8414 CROCKER, E. C. A flavorist views food processing. Spice Mill 68(6): 39, 41. June 1945. 389.8 Sp4



8415 THE FOOD controls of the future. Pt. III. Food Manufacture 20: 210-213. June 1945. 389.8 F736  
 8416 HARPER, F. A. The problem of grade-names. N. Y. Agr. Col. (Cornell) Farm Econ., No. 146, p. 3738-3741. May 1945. 280.8 C812  
 Grading of farm products.

8417 INTERNATIONAL CO-OPERATIVE ALLIANCE. ECONOMIC RESEARCH. Economic problems in a period of transition; international commodity control. III-IV. Rev. Internatl. Co-op. 38: 56-60, 68-71. Mar./Apr., May 1945. 280.28 In8B

8418 LOGIUDICE, N. C. Fraudes en las sustancias alimenticias. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 49-54. (Concl.) Nov. 1944. 49 B86

8419 \*NOACHOVITCH, G. La normalisation des produits agricoles dans ses rapports avec l'industrie et avec les sciences biologiques. Acad. d'Agr. de France. Compt. Rend. 29: 286-290, 386-391. 1943. 14 P215Bc

8420 TRESSLER, D. K. The importance of quality control to frozen food. Canner 101(3): 19. June 16, 1945. 286.83 C16

8421 WALKER, G. H. Food and its adulteration during the present war. Brit. Food J. 47: 32-34. (Cont.) Apr. 1945. 389.8 B77

#### PACKING AND PACKAGING

8422 GUDHEIM, A. R. Effect of light on foods packed in glass; test method and conclusions. Mod. Packaging 18(10): 141-144, 168, 170. June 1945. 309.8 M72

8423 HECKMAN, J. H., and BRIGHTMAN, M. H. Container crop. U. S. War Food Admin. Mktg. Activ. 8 (6): 12-16, processed. June 1945. 1.942 A8M34

8424 LUHRS, A. W. Fibre containers in the food industry. Fibre Containers 30(6): 26, 28. June 1945. 286.8 F44

8425 MITCHELL, R. S. An internal vacuum leak test for cans. Food Preserv. Q. 4(4): 17-18. Dec. 1944. 389.9 Au7F

8426 SPACHNER, J. V. Containers. (Sum.) Confectioners J. 71(846): 45. July 1945. 389.8 C76

#### PRICES, PRICE CONTROL, AND RATIONING

8427 AMERY, W. B. Six winters of [food] rationing; no prospect of increased ration [in Great Britain]. Straight Furrow 4(6): 8. Apr. 16, 1945. 281.8 St8

8428 \*BHATTACHARYA, K. N. Economic control in India during and after the war. Indian J. Econ. 25: 540-545. Apr. 1945. 280.8 In22  
 Price and other controls.

8429 BROWNLEE, O. H. How soon can we discard price control and rationing? Iowa Farm Econ. 11(6): 13-15. June 1945. 275.28 Io92

8430 \*CHOUDHRI, S. C. The official wholesale price index [in India]. (A criticism) East. Econ. 4: 428-429. Apr. 6, 1945. 280.8 Ea72

The index includes agricultural commodities.

8431 DÍAZ LOMBARDO, A. Los precios en relación con los transportes y la agricultura [México]. Economista 13(145): 79-80. May/June 1945. 280.8 Ec793

8432 HARRIS, S. E. The attack on price control. New Repub. 113(1): 12-14. July 2, 1945. 280.8 N

8433 \*KOTHARI, H. C. Price control and rationing. East. Econ. 4: 392-393. Mar. 30, 1945. 280.8 Ea72

India.

8434 LINCOLN, M. D. The farmer's stake in price control. Ohio Farm Bur. News 24(12): 4-5. July 1945. 6 Oh34

8435 PEARSON, F. A., MYERS, W. I., and LORIE, J. H. Prices following wars. N. Y. Agr. Col. (Cornell) Farm Econ., No. 146, p. 3724-3730. May 1945. 280.8 C812

Farm prices included.

8436 TOMLINSON, F. R. Price trends and price relationships, their implication to the farmer. Farming in So. Africa 20: 215-231. Apr. 1945. 24 So842

8437 WILCOX, C. Price control policy in the postwar transition. Amer. Econ. Rev. 35(2): 163-174. May 1945. 280.8 Am32

#### PROCESSING AND STORAGE

8438 ARMSTRONG, MRS. W. H. The community cannery. Mont. Farmer 32(19): 14. June 1, 1945. 6 M764

Tells about the Simms community cannery, Cascade County, Mont.

8439 BELL, A. The ABC's of canning. Carolina Co-op. 23(6): 18. June 1945. 72.8 N81

8440 \*GUINOT, H. L'utilisation des pyrolyg-neux provenant de la carbonisation des bois pour la conservation des denrées alimentaires. Acad. d'Agr. de France. Compt. Rend. 29: 230-233. 1943. 14 P215Bc

8441 HOHL, L. A. Constant experimentation results in new products. Quick Frozen Foods 7(11): 52-53, 73. June 1945. 389.8 Q4  
 Recent developments in frozen foods.

8442 HULSLANDER, S. C., and TITUS, I. M. Pennsylvania's pioneer cannery. Agr. Ed. Mag. 18(1): 10-11. July 1945. 275.8 Ag8

Activities and achievements of the community cannery at Beaumont, Pa.

8443 LYNCH, A. F. Canning short-cuts. Farm J. and Farmer's Wife 69(7): 56-57. July 1945. 6 F2212

8444 MCKENZIE, H. A. Spectrography in food research. Food Preserv. Q. 4(4): 10-12. Dec. 1944. 389.9 Au7F

8445 MITCHELL, T. Opportunities in a community refrigeration center. West. Frozen Foods 6(7): 4-5. May 1945. 389.8 W523

8446 NICHOLAS, J. E. Proper preparation of foods speeds freezing and lightens load on unit. Sci. Farmer [Pa. Sta.], 1945, p. 2-3. 100 P381  
 Sup. 2 to Pa. Agr. Expt. Sta. B. 464.

8447 \*PIETRE, M. L'utilisation des pyrolyg-neux provenant de la carbonisation des bois pour la conservation des denrées alimentaires. Acad. d'Agr. de France. Compt. Rend. 29: 228-230. 1943. 14 P215Bc

8448 ROBERTSON, W. F. Why and how to blanch. Quick Frozen Foods 7(11): 90. June 1945. 389.8 Q4

8449 SIMPLOT, J. R. Dehydrating; its importance to the farmer now and after the war. Oreg. Dept. Agr. Agr. B. 146, p. 14-15. June 1945. 2 Or3

8450 U. S. CONGRESS. HOUSE. Investigation of the War Food Administration under House Resolution 50. Report [pursuant to H. Res. 50, re War Food Administration spoilage of food in warehouses; contributing causes; lack of records; and other evidences of mismanagement. 79th Cong., 1st sess., Rpt. 816, 15 p. Washington, 1945.

8451 WEYANT, Z. H. The how and why of canning. Farm and Ranch 64(7): 30. July 1945. 6 T31

#### STATISTICS

8452 HARTARD EBERT, M. Excedentes y déficits de la producción agrícola por provincias. Campesino [Santiago, Chile] 77: 221-223. Apr. 1945. 9.3 Sol2  
 Statistics for various products.

#### BEVERAGES AND CONDIMENTS

8453 ALFARO, A. Los precios máximos norteamericanos y la industria cafetalera. Rev. Cafetal. de Guatemala 1(4/5): 22-32. Mar./Apr. 1945. 68.28 R322

8454 \*ANTONIANI, C. Le attività enzimatiche del Mycoderma Vini. Soc. Ital. di Biol. Sper. B. 18: 184-186. May 1943. 442.8 Sol2

8455 \*BARTHE, E. La vigne et le vin. Off. Internatl. du Vin. B. 17(163/166): 3-6. May/Dec. 1944. 390.8 B87

Achievements of the Office International du Vin.



8456 BAUER, G. F. The South American way of distribution. D and W 44(7): 56, 84, 87. July 1945. 288.8 T68

Transportation and handling of coffee in Brazil and the United States.

8457 BRAY, G. T. Black pepper from Sierra Leone. Gt. Brit. Imp. Inst. B. 43(1): 6-7. Jan./Mar. 1945. 26 G79

Chemical composition of a sample.

8458 CRUESS, W. V., and BRAJNICKOFF, I. The Spanish sherry process. Wines & Vines 26(6): 23, 30-31. June 1945. 95.8 C122

8459 FABIAN, F. W., and HARRIS, V. Imitation clove oil effective in spicing pickles. Food Indus. 17: 638-640. June 1945. 389.8 F737

8460 \*GERVAIS, P. Le vin et la vigne dans l'économie nationale française. Acad. d'Agr. de France. Compt. Rend. 29: 145-147. 1943. 14 P215Bc

8461 \*HÖGL, O. Der Bundesratsbeschluss über den Weinhandel. Schweiz. Z. f. Obst- u. Weinbau, No. 8, p. 133-139. Apr. 14, 1945. 80 Sch9

8462 JACOBS, M. B. Synthetic materials for the flavor trade. Amer. Perfumer and Essential Oil Rev. 47(6): 55-56, 59, 61. June 1945. 308.8 Am3

8463 \*LEGENT-FOURNES, P. Le bouquet des vins. Off. Internatl. du Vin. B. 17(163/166): 54-61. May/Dec. 1944. 390.8 B87

8464 \*M., W. W. Recent work on the chemistry of black tea. Planters' Chron. 40: 121-123. Apr. 15, 1945. 22 P693

8465 \*NÈGRE, E. Conditions d'une bonne désulfuration des mûtes. Acad. d'Agr. de France. Compt. Rend. 29: 237-240. 1943. 14 P215Bc

8466 NORRIS, R. V. The mechanism of tea fermentation. Spice Mill 68(6): 31. June 1945. 389.8 Sp4

8467 \*SCHELLENBERG, A. Die gerechte bezahlung des weines. Schweiz. Z. f. Obst- u. Weinbau, No. 1, p. 10-13; No. 2, p. 33-34. Jan. 6, 20, 1945. 80 Sch9

8468 \*SCHELLENBERG, A. Der neue weinbau mit dem Riesling Sylvaner in Schinznach-Dorf. Schweiz. Z. f. Obst- u. Weinbau, No. 9, p. 166-171. Apr. 28, 1945. 80 Sch9

8469 \*SCHELLENBERG, A. Die tätigkeit des Schweizerischen Weinbauvereins im jahre 1944. Schweiz. Z. f. Obst- u. Weinbau, No. 6, p. 97-100. Mar. 17, 1945. 80 Sch9

8470 \*SCHMID, G. Ist der abzug der obstwein vollzogen? Schweiz. Z. f. Obst- u. Weinbau, No. 4, p. 66-67. Feb. 17, 1945. 80 Sch9

8471 \*SCHMID, G. Eine lehrreiche weindegustation. Schweiz. Z. f. Obst- u. Weinbau, No. 10, p. 176-177. May 12, 1945. 80 Sch9

8472 VAILLANT, B. Nuestra flora monosica y la industria de fermentación. Cuba. Min. de Agr. Rev. 27(28): 64-67. Nov./Dec. 1944. 8 Ag88Re

8473 VANDERBILT, A. The saga of spices. Crown 34(7): 9-10, 24, 27. July 1945. 389.8 C88

8474 WARNER, O. The drink of the country. Field 185: 454. May 5, 1945. 10 F45

Beer in Great Britain.

8475 \*ZANONI, E. P. I tartrati italiani nel mercato internazionale. Ital. Agr. 78: 121-126. Feb. 1941. 16 It1

#### DAIRY PRODUCTS

8476 \*ALTARA, I. Per l'assistenza igienico-sanitaria agli allevatori; iniziative del Consorzio Produttori Latte di Torino. Azione Vet. 9: 140-142. Apr. 15, 1940. 41.8 Az3

Services offered by the Consorzio to dairy farmers.

8477 ARISTIDES MACHADO, J. El yoghurt como alimento y como medicamento. Tambo y Chacra 17 (611): 4, 6. Jan. 10, 1945. 44.8 T15

History, composition, and preparation.

8478 \*B. Die Ostschweiz im dienste der milchversorgung. Schweiz. Milchztg. 70: 371. Oct. 20, 1944. 44.8 Sch92

8479 BLYDE, H. E. Dairying in Australia. Straight Furrow 4(7): 47-48, 49. May 15, 1945. 281.8 St8

Impressions of the industry.

8480 BRANSBY, E. R. Milk to the millions; what the consumer wants. Dairyman 62: 47, 49, 51. Feb. 1945. 44.8 D1426

Quality and care and handling of milk.

8481 \*BRETSCHER, H. Die lage der milchwirtschaft und die fabrikation der weichkäse. Schweiz. Milchztg. 70: 347, 351, 355-356, 363, 367. Oct. 3-17, 1944. 44.8 Sch92

8482 CASTLE, E. F. Retaining wartime efficiencies in the dairy industry. South. Dairy Prod. J. 37(6): 20-23, 32. June 1945. 44.8 So83

8483 COBB, H. H. Let's make and sell butter-milk. Milk Dealer 34(9): 134-135. June 1945. 44.8 M595

8484 DAVIES, J. L. Improvement in production. (Sum.) Dairyman 62: 69, 87. Mar. 1945. 44.8 D1426

The part small farms can play in the drive for increased milk production in Great Britain.

8485 FROST, R. E. Retain dairy market gains, regain losses. Hoard's Dairyman 90: 318. June 10, 1945. 44.8 H65

8486 THE GENERAL economic situation in the early postwar period and its relation to the milk industry in the Northeast. Northeast. Dairy Conf. Ann. Rpt. 1944/45: 10-30, processed. 44.9 N181

Report of a special committee, G. W. Hedlund, chairman.

8487 HALLIDAY, I. G. Notes on the distribution and consumption of milk in Durban. So. African J. Econ. 12: 101-111. June 1944. 280.8 So83

8488 \*HOUDINIÈRE, A. Le colostrum de vache; composition - propriétés; répercussions en industrie laitière. Lait 24: 226-253. (Cont.) July/Sept. 1944. 44.8 L143

8489 INTERNATIONAL ASSOCIATION OF MILK SANITARIANS. COMMITTEE ON FROZEN DESSERTS. Report. F. W. Fabian, chairman. J. Milk Technol. 8: 162-172. May/June 1945. 44.8 J824

Contents: Grading and inspection service [of ice cream in Canada], by W. C. Cameron; California's new score card for a milk products plant, by O. A. Ghiggle; Problems of the control official, by A. J. Krog; The manufacture and sale of ice cream in Pennsylvania during 1943, by R. E. Irwin.

8490 JOHNSON, S. Changes in the seasonality of milk production. N. Y. Agr. Col. (Cornell) Farm Econ., No. 146, p. 3741-3742. May 1945. 280.8 C812

8491 KEELING, C. E. Sterilized milk: commercial and technical aspects. Dairy Indus. 10: 326-329. May 1945. 44.8 D1427

8492 \*L., K. Yoghurt. Schweiz. Milchztg. 70: 315. Sept. 5, 1944. 44.8 Sch92

8493 \*LANGHARD, O. Unsere ernährungslage mit besonderer berücksichtigung der milchwirtschaft. Schweiz. Milchztg. 70: 455-456. Dec. 29, 1944. 44.8 Sch92

8494 LYNCH, M. D. Must plan [milk] production. Mich. Milk Messenger 27(2): 1. June 1945. 44.8 M582

8495 MCMILLIN, M. P. Knudsen [Creamery Company of Southern California] opens new processing plant [in San Bernardino]. Dairy World [Chicago] 24(1): 6-10. June 1945. 44.8 D1423

History of the company.

8496 MORRIS, A. J. Utah dairymen benefit through membership in Am. Dairy Assoc. Utah Farmer 64(20): 6. June 10, 1945. 6 D45

8497 PEACOCK, T. That extra 350 million gallons. Can the farmer produce it? Dairyman 62: 53, 55. Feb. 1945. 44.8 D1426

Milk production in Great Britain.

8498 PRIOR, R. The dairy industry after the war; suggested solution for dairy industry problems. Skagit Co-op. Dairyman 22(10): 6-7, 18. June 1945. 280.28 Sk1



8499 PRODUCTION efficiency in dairying in the Northeast. Northeast. Dairy Conf. Ann. Rpt. 1944/45: 54-63, processed. 44.9 N181

Report of a special committee, L. C. Cunningham, chairman.

8500 RATCLIFFE, R. L. More milk, but can you get it? Internatl. Confectioner 55(6): 44. June 1945. 389.8 In214

8501 \*SS. Vom italienischen milchproduktenmarkt. Schweiz. Milchztg. 70: 380. Oct. 24, 1944. 44.8 Sch92

8502 SUCKLING, J. J. C. Notes on dairy production in Tailevu during 1944. Fiji. Dept. Agr. Agr. J. 16(1): 13-14. Mar. 1945. 25 F47Ag

8503 SWANK, O. A. Indiana dairy farmers take action! Hoosier Farmer 30(6): 4, 12. June 1945. 280.82 H76

Dairy prospects and programs.

8504 \*THOMANN, W. Die käseproduktion im winter 1943/44. Schweiz. Milchztg. 70: 452-453. Dec. 27, 1944. 44.8 Sch92

8505 TOBEY, J. A. Malted milk. Austral. Milk & Dairy Prod. J. 12(4): 32-34. Apr. 1945. 44.8 Au72

8506 WALKER, R. British ice cream industry facing uncontrolled racketeers. Ice Cream Field 45(6): 32. June 1945. 389.8 Ic23

8507 WIDMER, M. Goats play important part in Switzerland's dairy industry. Natl. Butter and Cheese J. 36(7): 56. July 1945. 286.85 B93Bu

8508 WILKINSON, F. W. Truth about butter position. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser., No. 107, 2 p. Pretoria, 1945. 24 So82Pa

8509 WILLIAMS, E. V. Double gallonage in postwar. Ice Cream Field 45(6): 24, 26, 28. June 1945. 389.8 Ic23

Quality and marketing of ice cream.

8510 WILSTER, G. H., and others. Manufacturing and marketing of Oregon's dairy products. Oreg. Dept. Agr. Agr. B. 146, p. 26-30. June 1945. 2 Or3  
Contents: Cheese, by G. H. Wilster; Butter, by G. A. Brown; Evaporated milk, by C. T. Richardson; Fluid milk, by T. L. Ohlsen; Milk powder, by W. W. Henry.

8511 YOARS, F. 100% pre-molded. Ice Cream Field 45(6): 12-14. June 1945. 389.8 Ic23

On the manufacture and sale of premolded portions of ice cream.

#### Analysis and Composition

8512 BARKWORTH, H. Laboratory tests for clean milk. Pt. VI-VII. Dairyman 62: 89, 91, 151, 153. Mar., May/June 1945. 44.8 D1426

Bacteriological "counting" methods.

8513 BENNETT, F. W. Significance of coliform organisms in milk. Milk Dealer 34(9): 86, 88, 90. June 1945. 44.8 M595

8514 \*BRACCINI, P. Ricerche sul pH del latte di pecora in rapporto all'alimentazione con silaggio. Ital. Agr. 79: 354-358. July 1942. 16 It1

8515 \*CADOR, P., and MACHEREL, P. Dosage de la matière grasse des crèmes; notes pour une étude rationnelle des méthodes acido-butyrométriques. Lait 24: 196-209. (To be cont.) July/Sept. 1944. 44.8 L143

8516 DORSEY, L. M. Trace elements in milk. Milk Dealer 34(9): 108-110. June 1945. 44.8 M595

8517 \*GORINI, C. La genotipicità des enzymes microbiens illustrée par les ferments lactiques. Lait 24: 193-196. July/Sept. 1944. 44.8 L143

8518 \*GUITTONNEAU, G., CHEVALIER, R., and JARROUSSE, H. Sur la présence dans le lait de vache de deux pyrophosphatases accumulables dans le beurre et le babeurre. Paris. Acad. des Sci. Compt. Rend. 218: 1006-1008. June 26, 1944. 505 P21

8519 \*HENRY, A., and GUILHON, J. Le rôle du lait dans la transmission de quelques protozooses. Lait 24: 23-35. Jan./Mar. 1944. Ref. 44.8 L143

8520 HERZER, F. H. This lacteal secretion. Milk Dealer 34(9): 122-126. June 1945. 44.8 M595  
Composition and nutritional value of milk.

8521 \*KOESTLER, G. Ueber das fettschwitzen der käsemasse. Schweiz. Milchztg. 70: 395-396. Nov. 7, 1944. 44.8 Sch92

8522 LAMPERT, L. M., and BRANDON, J. H. The Babcock fat test on homogenized milk. J. Milk Technol. 8: 140-146. May/June 1945. 44.8 J824

8523 \*LANGHARD, O. Käseanalysen. Schweiz. Milchztg. 70: 375-376. Oct. 20, 1944. 44.8 Sch92

8524 MCKENZIE, D. A. Bacteriological aspects of sterilized milk. Dairy Indus. 10: 334-339, 333. May 1945. 44.8 D1427

8525 \*MASOERO, P. Sulle correlazioni tra fattori climatici e contenuto in sostanze proteiche nel latte vaccino. Soc. Ital. di Biol. Sper. B. 18: 71-72. Jan./Feb. 1943. 44.8 Sol2

8526 MASON, K. M. A time and equipment comparison between the methylene-blue and direct microscopic tests. J. Milk Technol. 8: 145-146. May/June 1945. 44.8 J824

8527 \*MAZZARON, A. Sulle variazioni del contenuto in enzimi del latte dei diversi mammiferi. Ital. Agr. 78: 605-607. Aug. 1941. 16 It1

8528 \*MOSIMANN, W. Der durchschnittliche fettgehalt unserer milch in der zeit vor und während des gegenwärtigen krieges. Schweiz. Milchztg. 70: 311. Sept. 1, 1944. 44.8 Sch92

8529 NEW SOUTH WALES. DEPT. OF AGRICULTURE. BIOLOGICAL BRANCH. Bacterial spoilage of milk and cream. Agr. Gaz. N. S. Wales 56: 217-220. May 1, 1945. 23 N472

Bacteria and sources of contamination.

8530 OVERMAN, O. R. Testing ice cream for percentage of butterfat. Canad. Dairy and Ice Cream J. 24(5): 62-63. May 1945. 44.8 Cl62

8531 \*PIEN, J. Influence d l'élimination de la croûte dans l'analyse des fromages. Lait 24: 210-226. July/Sept. 1944. 44.8 L143

8532 \*ROCHAIX, A., and SIMON, F. Antagonisme du colibacille et des bactéries putrides dans le lait contaminé. Inst. Pasteur [Paris] Ann. 70: 313-317. Sept./Oct. 1944. 44.8 An75

8533 RUEGAMER, W. R., MICHAUD, L., and ELVE-HJEM, C. A. A simplified method for the determination of iron in milk. J. Biol. Chem. 158: 573-576. May 1945. 381 J824

8534 SANDERS, G. P., and SAGER, O. S. Phosphatase test for Cheddar cheese. Cheese Rptr. 69(42): 4, 9. June 15, 1945. 44.8 Sh3

Also in Amer. Butter Rev. 7: 188-192, June 1945 (44.8 Am37) and in Milk Plant Monthly 34(6): 50, 52-55, June 1945 (44.8 C864).

8535 \*THOMANN, W. Der gehalt der milch und die ausbeute an käse und butter. Schweiz. Milchztg. 70: 411-412, 415, 419. Nov. 21-28, 1944. 44.8 Sch92

8536 \*THOMANN, W. Die käse- und buttersausbeute in ihrer wechselbeziehung. I-V. Schweiz. Milchztg. 71: 211-212, 215-216, 219-220. June 5-12, 1945. 44.8 Sch92

8537 \*Z., F. Aus der milchwirtschaftlichen laboratoriumspraxis. Schweiz. Milchztg. 71: 199-200. May 25, 1945. 44.8 Sch92

#### Consumption and Utilization

8538 PHILLIPS, S. M. Varied casein use stimulates output. Dom. Com. 33(6): 22, 35. June 1945. 157.54 D713

8539 WELLWOOD, R. M. Postwar markets for New York milk shed surplus milk. East. Milk Prod. 21 (11): 4-5. June 1, 1945. 280.28 Sh3

#### Distribution, Marketing, and Transportation

8540 \*AHMAD, N. Co-operative milk supply in United Provinces. Bombay Co-op. Q. 28: 186-190. Mar. 1945. 280.28 B63



8541 DEYSENROTH, C. W. When they set aside the "set-asides," it's going to call for more effective selling and advertising technique. Milk Plant Monthly 34(6): 23-24. June 1945. 44.8 C864  
Milk marketing programs.

8542 FITTING the milk supply to market needs [in the Northeast]. Northeast. Dairy Conf. Ann. Rpt. 1944/45: 31-53, processed. 44.9 N181

Report of a special committee, C. W. Pierce, chairman.

8543 GRIGGS, C. L. The problem of fluid milk. Oreg. Dept. Agr. Agr. B. 146, p. 10-12. June 1, 1945. 2 Or3

Milk marketing problems in Oregon.

8544 HAMILTON, T. K. Streamlined milk delivery. South. Dairy Prod. J. 37(6): 50-51, 56. June 1945. 44.8 So83

8545 HAYDEN, W. A roundsman looks at this milk business; organisation of deliveries and service to consumers. Dairyman 62: 73-74. Mar. 1945. 44.8 D1426

8546 HENDERSON, T. G. The consumer and his milk; why has Scotland got three [marketing] boards? (Sum.) Farming News and North Brit. Agr. 97(22): 2. May 25, 1945. 10 N82

8547 MAUGHAN, M. O. Way out west in Idaho. Natl. Butter and Cheese J. 36(7): 32-35. July 1945. 286.85 B93bu

Chiefly on the cooperative creamery, the Upper Snake River Valley Dairymen's Association.

8548 MILK distribution efficiency. Northeast. Dairy Conf. Ann. Rpt. 1944/45: 64-67, processed. 44.9 N181

Report of a special committee, G. F. Dow, chairman.

8549 PICKFORD, I. T. Milk marketing methods; Detroit milk producers and distributors demonstrate a milk pool will work. Mich. Milk Messenger 27(2): 6. (To be cont.) June 1945. 44.8 M582

8550 SMITH, A. J. Technology as applied to milk distribution. Amer. Milk Rev. 7: 206-207, 210-212. June 1945. 44.8 Am38

8551 THOMAS, B. A. Not all crops are grown in fields. Falls Cities Coop. Dairyman 14(4): 3. June 1945. 280.28 F19

Milk marketing.

8552 TRACY, P. H. Post war operations call for streamlining. Milk Dealer 34(9): 46, 48, 50. June 1945. 44.8 M595

Cost of distributing milk to consumers.

8553 WELCH, F. When you get an idea that's good stay with it. Dairy World [Chicago] 24(1): 28-30. June 1945. 44.8 D1423

Use of advertising in the dairy industry.

8554 \*WH. Milchkaufverträge im Thurgau. Schweiz. Milchztg. 71: 227. June 19, 1945. 44.8 Sch92

8555 WILLIAMS, E. V. Billion gallon goal. Ice Cream Trade J. 41(6): 24, 62, 64, 66. June 1945. 389.8 Ic2

Ice cream merchandising.

#### Grading, Inspection, Standardization, and Quality

8556 BARLOW, H. B. What is clean milk? So. Austral. Dept. Agr. J. 48: 387. Apr. 1945. 23 So84

8557 BEALS, O. K. Safe and wholesome milk supply aim of new Oregon dairy legislation. Oreg. Dept. Agr. Agr. B. 146, p. 20-21. June 1945. 2 Or3

8558 BECK, P. B. Oleo legislation vs. butter. New England Dairies News 4(12): 3-6. Mar. 1945. 44.9 N443

8559 FALCONE, N. G. Olores y sabores anormales de la leche. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 57-58. Nov. 1944. 49 B86

8560 FOLEY, W. T. Quality milk - a postwar must and that requires milk drawn cleanly from healthy cows into sanitary utensils and conditioned for market in a properly constructed and equipped milk house. Farmer [St. Paul], Gen. Ed. 63(12): 1. 14. June 16, 1945. 6 F2211

8561 \*KÜRSTEINER, J. Wie ein Emmentalerkäser vom vorbrechbetrieb zum dampfbetrieb übergeht und ihn qualitativ auf der Höhe zu halten sucht. Schweiz. Milchztg. 70: 343. Sept. 29, 1944. 44.8 Sch92

8562 ROBERTSON, J. S. Milk control under a Board of Public Utilities [in Nova Scotia]. Canad. J. Pub. Health 36: 192-195. May 1945. 449.8 P964

8563 SMITH, A. J. The health official's viewpoint. Dairyman 62: 141, 143. May/June 1945. 44.8 D1426

Sanitation in the milk industry.

8564 SQUADRONE, J. Enfermedades y defectos de los quesos. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 28-31. Nov. 1944. 49 B86

8565 STUART, N. Where pasteurisation fails; organisms which survive processing; milk quality and what distributors and manufacturers want. Dairyman 62: 39-40. Feb. 1945. 44.8 D1426

8566 VÁZQUEZ PONCE, A. Fuentes de contaminación de la leche en el tambo. Res. 13: 17297-17298. Apr. 5, 1945. 286.85 R31

#### Prices, Price Control, and Rationing

8567 FEDERACIÓN ARGENTINA DE COOPERATIVAS TAMBERAS LTDA. Sobre el precio de la leche opina una prestigiosa entidad de productores. Tambo y Chacra 17(611): 1. Jan. 10, 1945. 44.8 T15

8568 \*KOESTLER, G. Bezahlung der milch nach qualität und viehzucht. Schweiz. Milchztg. 70: 423-424. Dec. 1, 1944. 44.8 Sch92

#### Processing and Storage

8569 BAGNALL, MRS. N. Convert spare [goat's] milk into soft cheeses. Smallholder 73(1834): 18. May 11, 1945. 10 Sml

8570 BUDD, E. The manufacture of ice cream. Dairyman 62: 106-107. Apr. 1945. 44.8 D1426

8571 CLARKE, J. O. Sanitation in the creamery industry. South. Dairy Prod. J. 37(6): 28. June 1945. 44.8 So83

8572 FILBERT, W. L. High temperature - short time pasteurization. South. Dairy Prod. J. 37(6): 106, 112. June 1945. 44.8 So83

8573 HUMPHRISS, E. Adapting old formulae to the new ingredient position. Ice Cream Indus. 22 (3): 23-24, 30. June 1945. 389.8 Ic24

Manufacture of ice cream.

8574 JOSEPHSON, D. V., and DAHLE, C. D. Heating makes butterfat keep. Food Indus. 17: 630-633. June 1945. 389.8 F737

8575 JOSEPHSON, D. V., and DAHLE, C. D. A new cellulose gum stabilizer for ice cream. Ice Cream Rev. 28(11): 32, 76, 78, 80. June 1945. 389.8 Ic22

8576 LEEDER, J. G. Frozen concentrated milk. (Abs.) Milk Dealer 34(9): 129. June 1945. 44.8 M595

8577 LUCAS, C. F. Butter tastes better this way. Country Book Mag. 5(1): 82-85. Summer 1945. 6 C836

Directions for making butter at home.

8578 LUCAS, P. S. Honey in ice cream. Mich. Agr. Expt. Sta. Q. B. 27: 377-381. May 1945. 100 M58S

Includes formulas for commercial use.

8579 MARTIN, G. Making better butter. Tex. Farming and Citric. 21(12): 9. June 1945. 80 T31

8580 MOLDAVAN, A. Commercial possibilities of the Doan and Leeder process. Canad. Dairy and Ice Cream J. 24(5): 60-61. May 1945. 44.9 C162

Frozen concentrated milk.

8581 NERENBERG, G. A. Freezing milk in brick form. Ice Cream Trade J. 41(6): 26-27, 66-67. June 1945. 389.8 Ic2

8582 NETTO, F. A. O beneficiamento do leite em face da legislação sanitária adotada em São Paulo. Rev. dos Criadores 16(4): 39-41, 52. (To be cont.) Apr. 1945. 43.8 R32

8583 NICHOLAS, J. E. Farm milk cooling problem. Hoard's Dairyman 90: 370. July 10, 1945. 44.8 H65



- 8584 POMPA, A. Milk powder for ice-cream; notes on its manufacture, qualities, and uses. Food 14: 149-150. June 1945. 389.8 P738
- 8585 RAMSEY, R. J. Ice cream manufacturing problems. (Abs.) Ice Cream Rev. 28(11): 38, 72, 74. June 1945. 389.8 Ic22
- 8586 SELIGMAN, R. Alternatives in pasteurisation. Austral. Milk & Dairy Prod. J. 12(4): 37-38. Apr. 1945. 44.8 Au72
- 8587 \*STUSSI, D. Das neue schweizerische but-terungsverfahren: die CO<sub>2</sub>-butterung nach Dr. James Senn, Bern. Schweiz. Milchztg. 71: 223-224. June 15 1945. 44.8 Sch92
- 8588 THOMSON, M. E. Care of milk and cream. Marit. Farmer and Co-op. Dairyman 50(18): 19. June 19, 1945. 7 C77

## FEED AND FORAGE CROPS

- 8589 ALARCÓN M., A., and ACOSTA V., L. Mono-grafías comerciales: alpiste. Mex. Dir. de Econ. Rural. B. Mens., No. 228, p.315-325. May 1945. 254.5 Ag83
- A statistical survey.
- 8590 AUBREY, J. J. Making feed advertising more effective. Amer. Miller 73(6): 64. June 1945. 298.8 Am32
- 8591 \*BOTTINI, O. I cascami dell'industria conserviera per la preparazione di mangimi concentra-ti bilanciati. Ital. Agr. 80: 259-267. May 1943. 16 It1
- 8592 COLKER, D. A., and ESKEW, R. K. Saving proteins and vitamins. Flour & Feed 46(1): 20. June 1945. 298.8 F66
- Processing of feed.
- 8593 FRANCIS, M. Three requisites for success in feed merchandising. Feedstuffs 17(23): 12-13. June 9, 1945. 286.81 F322
- 8594 GORDON, M. D. 3 "riders" should support [poultry] ration increase. Poultry [London] 96: 310. May 15, 1945. 47.8 P869
- 8595 SALDAÑA BIASCOECHEA, E. E. Consumo de alimentos concentrados para animales en Puerto Rico; fuente de abastecimiento e importancia para la eco-nomía insular de la producción local. Puerto Rico. Dept. de Agr. y Com. B. de Com. 2(10): 8-11. 1945. 286.9 P96
- 8596 SNOW, D. Mould deterioration of feeding stuffs in relation to humidity of storage. Part III. The isolation of mould species from feeding stuffs stored at different humidities. Ann. Appl. Biol. 32 (1): 40-44. Feb. 1945. 442.8 An72
- 8597 TRUAX, H. Stretching the feed supply. Flour & Feed 46(1): 31. June 1945. 298.8 F66
- 8598 \*W., A. Die futtermkartoffel- und kraft-futtermversorgung für gewerbl. schweinehaltungen pro 1944/45. Schweiz. Milchztg. 70: 332. Sept. 19, 1944. 44.8 Sch92
- 8599 WHITEMAN, R. Farmers urged to produce ample feed for livestock. Manitoba Co-op. 2(22): 8. June 15, 1945. 280.28 M31
- The feed situation and suggestions for production.

## FIBERS AND TEXTILES

- 8600 ANTHONY, D. Preventing faults in worsted drawing. Canad. Textile J. 62(11): 37, 43, 46. June 1, 1945. 304.8 C16
- 8601 APPEL, W. D. A survey of the synthetic fibres. Silk J. and Rayon World 21(251): 31-34. Apr. 1945. 304.8 Si3
- 8602 ASHLEY, SIR P. Rayon manufacturing in New Zealand. (Excerpts.) Straight Furrow 4(7): 15. May 15, 1945. 281.8 St8
- Rayon as a competitor of wool.
- 8603 ASHTON, H. New concepts for spun rayon yarns. Textile B. 68(7): 25-26. June 1, 1945. 304.8 So82
- 8604 ASKEW, V. Surpluses of wool and mohair are threat to domestic market and portend flock reduction. Tex. Prog. 4(5): 39. June 1945. 280.8 T313
- 8605 BARBA GOSE, E. Fibras sintéticas y fibras naturales. III. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 35: 250-255. (Cont.) Nov./Dec. 1944. 8 R323
- 8606 BATES, E. S. A mature textile economy. Manual Textile Indus. Canada (1945) 17: 23-34. 304.8 M31
- 8607 BENNETT, C. A. Handling mechanically harvested cotton at the gin. Cotton and Cotton Oil Press 46(13): 5-8. June 30, 1945. 304.8 C822
- 8608 BLACK, D. L. The importance of [cotton] variety. Prog. Farmer, Miss.-Ark.-La. Ed. 60(7): 49. July 1945. 6 So81
- Economic significance.
- 8609 BOYD, D. T. Marketing our [Australian] wool; the need for realism. (Sum.) Past. Rev. 55: 294-295. Apr. 16, 1945. 23 Au75
- 8610 BOYD, D. T. Wool and its future; market-ing and research. Straight Furrow 4(6): 7. Apr. 16, 1945. 281.8 St8
- 8611 BROWN, H. Wool prices and supply. Man-ual Textile Indus. Canada (1945) 17: 44-45. 304.8 M31
- 8612 CALDWELL, S. A. G. Modernising flax mill equipment and methods - IX. Factors affecting effi-ciency. Textile Mfr. 71: 188-190. May 1945. 304.8 T3126
- 8613 CANADA'S wool output hits new peak in 1944. Foreign Com. Weekly 19(10): 12-13, 48. June 2, 1945. 157.54 F763
- Digested from reports by C. C. Taylor.
- 8614 CANADIAN TEXTILE JOURNAL PUBLISHING CO., LTD. Directory of the textile manufacturing indus-try of Canada. Manual Textile Indus. Canada (1945) 17: 143-172, 174, 176-178, 180, 182, 184. 304.8 M31
- 8615 CARTER, D. Richest furs from wool. (Con-densed.) Sci. Digest 18(2): 1-5. Aug. 1945. 470 Sci27
- Transforming sheepskin into luxury furs through the Calva process.
- 8616 \*CENTOLA, G. La "nobilitazione" della canapa. Ital. Agr. 78: 539-542. July 1941. 16 It1
- Problems in making hemp a fiber that can compete with cotton.
- 8617 CONRAD, C. C., and SCROGGIE, A. G. Chem-ical characterization of rayon yarns and cellulosic raw materials. Indus. and Engin. Chem. Indus. Ed. 37: 592-598. June 1945. 381 J825
- 8618 COX, A. B. Prices for 1945 cotton crop. Tex. Business Rev. 19(5): 5. June 1945. 280.8 T312
- 8619 \*CREA, V. Aspetti dell'economia laniera italiana. Ital. Agr. 80: 214-217. Apr. 1943. 16 It1
- 8620 DASSO DRAGO, E. Apreciación de cosechas; trabajos prácticos. Co. Admin. del Guano, Peru. B. 21: 68-73. Mar. 1945. 57.9 C73B
- Cotton crop estimation.
- 8621 DAVIS, H. S. Economic issues in textiles; a challenge to research. Pa. U. Wharton School Fi-nance and Com. Indus. Res. Dept. Res. Rpt. 9, 32 p., processed. Philadelphia, 1945. 280.9 F384
- 8622 DE KLERK, J. C. Wool from the south-eastern Free State. Farming in So. Africa 20: 249-257. Apr. 1945. 24 So842
- 8623 DEWEY, L. H. El abacá. Guatemala. Dir. Gen. de Agr. Agr. Rev. (ser. 2) 1: 194-197. Feb. 1945. 8 G934
- Growing, processing, and utilization of the fiber.
- 8624 DOWNIE, C. C. Researches on deterioration of bag fabrics. Textile Mercury and Argus 112: 695-696. June 15, 1945. 304.8 T318
- 8625 DVORACEK, D. G. The world wool situation. Minn. U. Agr. Ext. Farm Business Notes, No. 270, p. 3. June 25, 1945. 275.29 M663
- 8626 ELIMINATING faults from flax yarns, by "Flaxman." Textile Recorder 62(746): 43, 57. May 1945. 304.8 T311
- Includes faults in the raw material.



- 8627 FARGHER, R. G. The incidence and control of mould and bacterial attack on textiles. Soc. Dyers and Colourists. J. 61: 118-122. May 1945. 306.9 Sol
- 8628 FORSTMANN, C. E. Forstmann import quota plan. Natl. Wool Grower 35(6): 16-17. June 1945. 45.8 N21N  
Raw wool import quota.
- 8629 FRASER, A. Wool should be white. Farmer & Stock-Breeder 59: 811. May 22, 1945. 10 F228  
Importance of clean wool.
- 8630 GARRARD, W. M. Cites factors to consider in one-variety cotton program. Cotton Digest 17(39): 6, 14. June 23, 1945. 286.82 C822  
Also in Staple Cotton Rev. 25(6): 6-8. June 1945. 72.8 St22
- 8631 GORDON, D. Price & production control. Manual Textile Indus. Canada (1945) 17: 35-42. 304.8 M31  
With reference to the textile industry.
- 8632 GRANDSTAFF, J. C., and BLUNN, C. T. Better wool for Navajo weaving. U. S. Off. Indian Aff. Indians at Work 13(1): 31-35. May/June 1945. 156.6 In23
- 8633 GUTHRIE, J. F. Address on wool in Australia. Westralian Farmers' News 6(288): 5. Apr. 12, 1945. 280.28 W523
- 8634 HELLIWELL, E. H., and BALL, H. J. Cotton combing quality not consistent with cost. Textile World 95(6): 129, 131, 204, 206, 208. June 1945. 304.8 T315
- 8635 HICKMAN, I. Mohair has an interesting history. Textile B. 68(7): 18, 20, 41. June 1, 1945. 304.8 S82
- 8636 HINNER, E. F. Cotton linters; their source, purification, and uses. Chemurg. Digest 4: 179-183. May 31, 1945. 381 N213Na
- 8637 HINTON, J. B. The Staple Cotton Cooperative Association and the Staple Cotton Discount Corporation. Staple Cotton Rev. 25(6): 1-3. June 1945. 72.8 St22
- 8638 HOLLER, D. F., and FORSTER, G. W. From research to action program. Res. and Farming [N. C. Sta.] Prog. Rpt. 3(3): 9, 11. Apr. 1945. 100 N81R  
Use of cotton research by the Experiment Station in the cotton marketing program of the Extension Service.
- 8639 HOWLETT, F., MARTIN, E., and SWAN, J. The structure of cellulosic rayons. Pt. III. Chain-length determinations in cuprammonium solution. Brit. Cotton Indus. Res. Assoc., Shirley Inst. Mem. 19: 67-78. Mar. 1945. 72.9 B773
- 8640 HOWLETT, F., and URQUHART, A. R. The structure of cellulosic rayons. Pt. IV. The solubility and fractionation of secondary cellulose acetate. Brit. Cotton Indus. Res. Assoc., Shirley Inst. Mem. 19: 79-102. Mar. 1945. 72.9 B773
- 8641 HUNT, S. B. Trends in world rayon production. Manual Textile Indus. Canada (1945) 17: 67-69. 304.8 M31
- 8642 HUTCHINSON, R. J. La production de lin à filasse au Canada. New Caledonia. Chambre d'Agr. Rev. Agr., Feb. 1945, p. 5464-5477. 25 N43  
Culture, processing, and machinery.
- 8643 JOHNSON, E. H. Drought causes setback in Australian wool production, but wartime stocks still large. Foreign Crops and Markets 50: 298-299, processed. June 25, 1945. 1.9 St2F
- 8644 JONES, W. A. A new source of supply for paper makers. Paper Mill News 24 (68): 168-169. June 16, 1945. 302.8 P195  
Linter cotton.
- 8645 LANG, W. R. Papain increases wool's versatility. Past. Rev. 55: 269-270. Apr. 16, 1945. 23 Au75  
Wool treatment with papain.
- 8646 LANG, W. R. Plastics and wool. Past. Rev. 55: 345-346. May 16, 1945. 23 Au75  
Future developments in the field of plastics and wool treatments.
- 8647 LEAHY, J. G. Brazilian fibers to find favorable post-war market; many new uses for some native fibers are being found every year. Brazil 19 (6): 14-16. June 1945. 280.8 B732
- 8648 LEGGETT, W. F. Random notes on ancient fibers. Sheep and Goat Raiser 25(9): 19-20, 40, 54. June 1945. 45.8 Sh3
- 8649 LIPSON, M. Notes on the estimation of vegetable material in scoured wool. Amer. Dyestuff Rptr. 34: 250, 259. June 18, 1945. 306.8 Am3
- 8650 LORENZO, J. R. La República Argentina como país productor y exportador de algodón. Bolsa de Cereales, Buenos Aires. Rev. 32(1696): 6; (1697): 16, 18, 25. Apr. 14, 21, 1945. 287 B866
- 8651 MALONEY, T. Cotton textile industry in India and the United Kingdom; post-war improvements and policy. Indian Textile J. 55(654): 364-367. Mar. 1945. 304.8 In2
- 8652 MELOY, G. S. Cotton linters. Oil Mill Gazetteer 49(12): 29-32. June 1945. 307.8 O153
- 8653 MEREDITH, R. The tensile behaviour of raw cotton and other textile fibres. Textile Inst. J. 36: T107-T130. May 1945. 73.9 T31
- 8654 MEYER, J. C. Germany's ersatz output no threat to cotton market. Cotton Trade J. 25(27): 1, 5. July 7, 1945. 72.8 C8214
- 8655 MINTER, R. D. Standardised branding of wool bales. Past. Rev. 55: 268-269. Apr. 16, 1945. 23 Au75  
Grading and standardization.
- 8656 MOORE, J. H. Cotton fiber: strains grown influence quality. Res. and Farming [N. C. Sta.] Prog. Rpt. 3(3): 3-4. Apr. 1945. 100 N81R
- 8657 MURCHISON, C. T. Why cotton week? Cotton Week News 15: 1. May 1945. 304.8 C8294
- 8658 PROTZMAN, C. M. Peruvian flax estimate revised upward. Foreign Crops and Markets 50: 288-289, processed. June 18, 1945. 1.9 St2F
- 8659 RABOLD, C. N. Recent developments in the drying of textile materials. Textile Rec. 62(746): 46-48. May 1945. 304.8 T311
- 8660 RAUBER, E. L. Ramie: a new economic opportunity. Fed. Reserve Bank Atlanta. Monthly Rev. 30: 57-62. June 30, 1945. 284.8 F31A
- 8661 REUMANN, C. H. Fiber regain data simplified. Textile World 95(6): 101-103. June 1945. 304.8 T315  
Regain of moisture in textile fibers.
- 8662 ROSE, H. W. Fibres and new developments. Fibre and Fabric 98(3152): 14, 16, 18-19, 37-38. June 30, 1945. 304.8 F44
- 8663 ROSE, L. High tenacity viscose rayons. Soc. Dyers and Colourists. J. 61: 113-117. May 1945. 306.9 Sol  
Discussion, p. 117-118.
- 8664 RUSH, W. M. Chlorination formula shrink-proofs wool hose. Textile World 95(6): 115. June 1945. 304.8 T315
- 8665 SCULL, H. G., and SMITH, H. D. Modern methods of dyeing some manufactured fibers. Pt. 3. Rayon Textile Monthly 26: 297-299. June 1945. 304.8 R21
- 8666 SMITH, H. D. Textile fibers; an engineering approach to their properties and utilization. Rayon Textile Monthly 26: 271-275. (To be cont.) June 1945. 304.8 R21
- 8667 SMITH, H. G. Yarn shortage curbs knitting operations. Manual Textile Indus. Canada (1945) 17: 43-44. 304.8 M31
- 8668 SPIRO, S. Future of wool; special measures urged to counter competition from substitutes. New Zeal. Farmer Weekly 66(5): 36. May 3, 1945. 23 N484
- 8669 SPROULL, R. C. Development of paper from carob fiber. Pt. 1. Paper Trade J. (TAPPI Sect.) 120: 253-254. June 21, 1945. 302.8 P196



- 8670 STANDARDISED classing and branding of wool; a check to overclassing, by "Jason." Past. Rev. 55: 343-344. May 16, 1945. 23 Au75
- 8671 SWEETEN, R. B. Some aspects of non-felted wools. Textile J. Austral. 20: 75-76. Apr. 16, 1945. 304.8 T3134
- Felting mechanism of wool fiber.
- 8672 TISDALE, W. H. J. A national wool program. Manual Textile Indus. Canada (1945) 17: 85-88, 139. 304.8 M31
- 8673 \*TODARO, F. Per l'incremento della linicoltura. Ital. Agr. 79: 3-8. Jan. 1942. 16 It1
- 8674 WARD, A. L. Cotton is as strong as your faith, your vision, your initiative, your courage, your wisdom. Cotton and Cotton Oil Press 46(12): 5-7, 16. June 16, 1945. 304.8 C822
- 8675 WARD, R. A. Marketing Oregon's wool. Oreg. Dept. Agr. Agr. B. 146, p. 32. June 1945. 2 Or3
- 8676 WELCH, F. J., and MILEY, D. G. Danger signals in current cotton situation suggest caution on part of growers. Miss. Farm Res. [Miss. Sta.] 8(5): 1, 2. May 1945. 100 M69M1
- 8677 WESTBROOK, E. C. Fine post war market for cotton laminates [and cotton textiles]. Pt. 2. Textile Colorist and Converter 67: 823, 833, 836, 838. (Concl.) June 1945. 306.8 T31
- 8678 WHITE, G. E. M. What color is cotton? Mod. Farmer 18(4): 6. May 15, 1945. 6 M725
- Color as a factor in grading cotton.
- 8679 WITHERS, J. C. Textile books: the urgent needs. Textile Inst. J. 36: P51-P56. May 1945. 73.9 T31
- Surveys needs on the subject of production and properties of fibers and conversion of fibers into yarns.
- FRUITS, VEGETABLES, AND NUTS
- 8680 BOTUM, J. C. The outlook for horticulture. Ind. Hort. Soc. Trans. (1944) 84: 85-89. 1945. 81 In2
- 8681 CARR, C. B. Reconversion; it now faces the fruit grower; factors to be considered. East. Fruit Grower 8(3): 6, 10, 22, 24. May 1945. 80 Ea73
- Problems of the apple industry.
- 8682 DORSEY, M. J. A look at postwar commercial fruit production. Canad. Hort. & Home Mag., Growers' Ed. 68: 143-144, 153. June 1945. 80 C16
- 8683 ELLIS, M. G. Kootenay grows cherries; with the aid of irrigation farmers around Nelson have a fine record as shippers of stone fruits. Family Herald and Weekly Star 76(24): 3. June 13, 1943. 7 F21
- 8684 HARRINGTON, L. The popular pie-plant; Toronto Rhubarb Growers' Association demonstrated what organized direction can accomplish in producing and marketing a crop - June pies now available in January. Farmer's Mag. 42(6): 9, 50-51. June 1945. 7 C165
- 8685 \*KELLERHALS, O. Alkoholgesetz und Förderung des Obstbaues. Schweiz. Z. f. Obst- u. Weinbau No. 2, p. 17-22. Jan. 20, 1945. 80 Sch9
- 8686 LEMONS, H., and TOUSLEY, R. D. The Washington apple industry. I. Its geographic basis. Econ. Geog. 21: 161-182. July 1945. 278.8 Ec7
- 8687 LINNARD, E. W. Outlook excellent for next citrus crop. Tex. Farming and Citric. 21(12): 6. June 1945. 80 T31
- 8688 MCCOWN, M. Preparing for post-war competition. Ind. Hort. Soc. Trans. (1944) 84: 98-100. 1945. 81 In2
- Competition between apples and peaches and other fruits.
- 8689 MARCUS, I. H. The significance of the W F A ruling on raisins; both grape prices and the size of the crush will be affected. Wines & Vines 26(6): 17, 37. June 1945. 95.8 C122
- 8690 MARTIN, W. H. Twenty-five years of hints. Hints to rotato Growers, v. 26, No. 1, 10 p. May 1945. 75.9 H59
- Results of research carried on by the New Jersey State Potato Association.
- 8691 MILLÁN, R. La producción y el comercio exterior de papa en Argentina. Rev. Argentina de Agron. 12(1): 1-11. Mar. 1945. 9 R327
- Includes statistics.
- 8692 PALMER, C. D., and SCHLOTZHauer, E. O. Trends in peach production and utilization. Agr. Situation 29(6): 20-23. June 1945. 1 Ec7Ag
- 8693 PARKER, G. R. "Cucumber commandos" or, vegetables for victory; FEA truck gardening in Pacific-island jungles, attended by picturesque and dramatic incidents, has meant much to the well-being and contentment of American armed forces. Foreign Com. Weekly 19(13): 12-13. June 23, 1945. 157.54 F763
- 8694 PIPER, W. E. Supply of native vegetables to be irregular in July; wider than normal price fluctuations may be expected due to crop setbacks. New England Grocery and Market Mag. 13(9): 29-30. July 1945. 286.83 N44A
- 8695 REFACCIÓN de la banca privada para la plantación de palmas, en la región litoral del Estado de Jalisco; ponencia presentada por el Gobierno del Estado de Jalisco [Mexico]. Economista 13(145): 105-106. May/June 1945. 280.8 Ec793
- On a program for establishing coconut production.
- 8696 RICE, W. S. Fruit trees appear in excellent condition throughout State; apricot crop estimated at about one-half of last year's yield. Sun-sweet Standard 39(1): 6-7. June 1945. 286.83 Su7
- California.
- 8697 RICKARD, J. A. Carrots the year around. Farm and Ranch 64(7): 8. July 1945. 6 T31
- Carrots growing in Texas by The Morgan Packing Co. of Austin, Ind.
- 8698 \*SCHMID, G. Der gemischte obst- und weinbaubetrieb in der schweizerischen landwirtschaft. Schweiz. Z. f. Obst- u. Weinbau, No. 2, p. 26-29. Jan. 20, 1945. 80 Sch9
- 8699 SCRUGGS, F. H. Preliminary summary; Florida fruits & vegetables for 1944-45 season. For Sale, Want and Exch. B. 4(7): 1, 4. July 2, 1945. 280.38 F74
- 8700 TRAVIS, G. B. Mutual interest; a discussion of fruit producers and distributors. East. Fruit Grower 8(4): 10, 16. (Concl.) June 1945. 80 Ea73
- 8701 TYACKE, R. Vegetable productive potential in post-war period as "dangerous as dynamite." Land [Sydney], No. 1745, p. 8. May 11, 1945. 23 L22
- Need for organization among growers.
- 8702 VASEY, C. R. Copra production in New Guinea. Fiji. Dept. Agr. Agr. J. 16(1): 2-5. Mar. 1945. 25 F47Ag
- A discussion of the industry.
- 8703 WALKER, W. L. Conversion of the cotton South. Tex. Prog. 4(5): 17. June 1945. 280.8 T313
- Program of American Cotton Shippers Association.
- 8704 WALL, G. M. Five-year apple plan [Nova Scotia]. Family Herald and Weekly Star 76(24): 10. June 13, 1945. 7 F21
- 8705 WILCOX, W. W., MCNALL, P. E., and BOWDITCH J. B. Economic aspects of pea growing. (Excerpts.) Food Packer 26(7): 45-46. June 1945. 286.83 C165
- 8706 WILLIAMS, P. M. Post-war opportunities for the fresh fruit and vegetable industry. Natl. League Wholesale Fresh Fruit and Veg. Distributors. Off. Proc. (1945) 53: 47-52. 287 N214
- 8707 WILLSON, H. F. Citrus returns reached new high. Fla. Grower 53(6): 16, 19. June 1945. 80 F6622
- The 1944-1945 citrus crop in Florida.



8708 WOODS, J. J. Soil conditions and small fruit culture. Family Herald and Weekly Star 76 (24): 6. June 13, 1945. 7 F21  
Shifts in the location of the industry in Canada.

#### Analysis and Composition

8709 FELSENFELD, O., and YOUNG, V. M. The viability of Salmonella on artificially contaminated vegetables. Poultry Sci. 24: 353-355. July 1945. 47.8 Am33P

8710 \*LUCCHETTI, E. Considerazioni sulla composizione delle sanse della provincia di Pistoia. Ital. Agr. 80: 209-213. Apr. 1943. 16 Itl

8711 STEUART, D. W. Over-ripe apples. Analyst 70: 172-173. May 1945. 382 Am1  
Analysis of the juice.

8712 SUGIHARA, J., and CRUESS, W. V. Observations on the oxidase of garlic. Fruit Prod. J. and Amer. Food Mfr. 24: 297-298. June 1945. 389.8 F94

#### Consumption and Utilization

8713 CRUESS, W. V. Notes on apple products in the Yakima area. Fruit Prod. J. and Amer. Food Mfr. 24: 292-295. June 1945. 389.8 F94

8714 \*TALLARICO, G. Il ficodindia pianta autarchica: frutta - foraggio - alcole. Ital. Agr. 78: 569-578. Aug. 1941. 16 Itl

The economic importance of the prickly pear.

8715 WIEGAND, E. H. Utilization of fruit wastes in Oregon. Oreg. Dept. Agr. Agr. E. 146, p. 21-25. June 1945. 2 Or3

#### Distribution, Marketing, and Transportation

8716 ALLWRIGHT, W. J. S. The controlled marketing of citrus fruit in South Africa. Pretoria. U. P. Ser. I, Agr., No. 50, 226 p. Pretoria, 1945. 276.4 T68

8717 BIRDSALL, W. J. State Marketing Officials. Natl. League Wholesale Fresh Fruit and Veg. Distributors. Off. Proc. (1945) 53: 175-177. 287 N214

Includes discussion of the improvement of marketing facilities for fruits and vegetables.

8718 BRISTER, C. J. Restoration of postwar transportation services and privileges. Natl. League Wholesale Fresh Fruit and Veg. Distributors. Off. Proc. (1945) 53: 105-109. 287 N214

Transportation of fresh fruits and vegetables.

8719 DU FLESSIS, A. J. An economic survey of vegetable marketing. Union So. Africa. Dept. Agr. and Forestry. B. 255 (Hort. Ser. 9), p. 105-107. 1945. 24 So84P

8720 FINDLEN, P. J. Potatoes for consumers after the war. Natl. League Wholesale Fresh Fruit and Veg. Distributors. Off. Proc. (1945) 53: 82-93. 287 N214

8721 HALL, E. G. Notes on the marketing of perishable vegetables. Agr. Gaz. N. S. Wales 56: 201-204. (Concl.) May 1, 1945. 23 N472

8722 HAMILTON, H. G. Citrus marketing after the war. Citrus Leaves 25(6): 15-16, 20. June 1945. 80 C492

8723 HAMILTON, H. G. Importance of Florida citrus co-ops; development of these associations since Indian River growers organized in 1889. Citrus 7(9): 8-10. Apr./May 1945. 80 C498

8724 LAIDLEY, H. D. Distribution and the motor truck post-war. Natl. League Wholesale Fresh Fruit and Veg. Distributors. Off. Proc. (1945) 53: 110-118. 287 N214

Transportation of fresh fruits and vegetables.

8725 LEE, H. Want to be a grocer! Article No. 4-5. Canad. Grocer 59(11): 10, 47; (12): 14, 44. June 1, 15, 1945. 286.83 C162

No. 4. Volume and profits in fruits and vegetables; No. 5. A daily plan for the fruit display.

8726 NEWCOMB, F. It's in the bag--California shipper invades new consumer market; Frank Belmont prepares to ship unit packages of 1945 Valencias to Eastern markets. Calif. Fruit and Veg. Rev. 6(3): 25. June 1945. 80 C1224

8727 NICHOLSON, A. Clearing the roads to market; money often lost en route to the consumer can be saved if farmers, with the aid of public officials and sales agencies, co-operate to produce and "sell" quality [vegetable and fruit] crops. Country Gent. 115(7): 11, 48-50. July 1945. 6 C833

8728 THAYER, E. N. Marketing co-operative is most potent weapon in producer's grasp with which to deal with many uncertainties of future. Sunsweet Standard 39(1): 4-5. June 1945. 286.83 Su7  
Dried fruit industry.

8729 TYACKE, R. "These little peas" food for thought; docket system valuable to thoughtful growers. Land [Sydney], No. 1742, p. 21. Apr. 20, 1945. 23 L22

Marketing.

8730 WILLSON, H. F. Marketing Florida citrus; review of 1944-45 season. Citrus Indus. 26(7): 8-12. July 1945. 80 C49

Also in For Sale, Want and Exch. B. 4(6): 1. June 15, 1945. 280.38 F74

#### Grading, Inspection, Standardization, and Quality

8731 BATEN, W. D. The use of discriminant functions in comparing judges' scores concerning potatoes. Amer. Statis. Assoc. J. 40: 223-228. June 1945. 251 Am3

8732 BELL, A. Grow yams with consumer-appeal. Carolina Co-op. 23(6): 11-12. June 1945. 72.8 N81

8733 BLANCH, G. E. Defects causing poor apple quality. N. Y. Agr. Col. (Cornell) Farm Econ., No. 146, p. 3743-3744. May 1945. 280.8 C812

8734 COBB, J. S. Baking potatoes divide from general table stock in common salt solution. Sci. Farmer [Pa. Sta.], 1945, p. 7. 100 P381  
Sup. 2 to Pa. Agr. Expt. Sta. B. 464.

Cooking and baking quality of potatoes.

8735 MATTINGLEY, G. H. Seed potato certification; list of growers, 1945. Victoria. Dept. Agr. J. 43: 163-164. Apr. 1945. 23 V66J

8736 \*VAN DER KLOOT MEIJBURG, F. L. Standardization of fruits and vegetables. Internatl. Inst. Agr. Internatl. Rev. Agr. 35: 132T-133T. (Cont.) July/Aug. 1944. 241 In82A  
Data for Finland.

#### Packing and Packaging

8737 BROWNE, F. S. Apple packages. Canad. Hort. & Home Mag., Growers' Ed. 68: 145-146. June 1945. 80 C16

#### Prices, Price Control, and Rationing

8738 GINDICK, F. Present price control of fresh fruits and vegetables. Natl. League Wholesale Fresh Fruit and Veg. Distributors. Off. Proc. (1945) 53: 143-152. 287 N214

8739 GISMOND, J. F. [Future price control of fresh fruits and vegetables.] Natl. League Wholesale Fresh Fruit and Veg. Distributors. Off. Proc. (1945) 53: 152-158. 287 N214

8740 GISMOND, J. F. [Potato price control.] Natl. League Wholesale Fresh Fruit and Veg. Distributors. Off. Proc. (1945) 53: 78-81. 287 N214

8741 THOMPSON, E. W. Processors and the price of [orange] culls; present cost level called satisfactory only if Government continues to pay high prices. Calif. Fruit and Veg. Rev. 6(3): 17, 61. June 1945. 80 C1224

8742 \*W., A. Die preise für futterkartoffeln der ernte 1944. Schweiz. Milchztg. 70: 328. Sept. 15, 1944. 44.8 Sch92

8743 WATERS, L. E. New support prices show minor changes; support price program extended to include U. S. No. 2 grade potatoes. Colo. Potato Grower 22(12): 1, 3. June 1945. 75.8 C71



Processing and Storage

8744 ARNISON, R., and MAYO, J. W. Frozen foods. Oreg. Dept. Agr. Agr. B. 146, p. 12-13. June 1945. 2 Or3

Frozen fruits and vegetables.

8745 BURGER, I. J. Preservation of fruit and vegetables. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser., No. 110, 2 p. Pretoria, 1945. 24 So82Pa

8746 BURGER, I. J., and LE RICHE, F. J. H. The preservation of vegetables. Union So. Africa. Dept. Agr. and Forestry. B. 255 (Hort. Ser. 9), p. 108-110. 1945. 24 So84P

Chiefly on dehydration.

8747 \*CHAND, A. D. The fruit preservation industry and its future in India. Allahabad Farmer 17: 239-250. Nov. 1943. 22 AL5

8748 \*CHEVALIER, A. La conservation des châtaignes. Acad. d'Agr. de France. Compt. Rend. 29: 124. 1943. 14 P215Bc

8749 \*E. Achtung die kartoffeln verderben! Schweiz. Milchztg. 70: 391. Nov. 3, 1944. 44.8 Sch92

Storage of potatoes.

8750 GRAHAM, W. E. Vacuum in canned tomatoes. Crown 34(7): 17. July 1945. 389.8 C88

8751 \*GUILLAUME, A. Les jus de fruits et de légumes français. Acad. d'Agr. de France. Compt. Rend. 29: 485-487. 1943. 14 P215Bc

8752 \*GUILLAUME, A. Sur le traitement des châtaignes dès la récolte pour empêcher les altérations et faciliter la conservation. Acad. d'Agr. de France. Compt. Rend. 29: 124-126. 1943. 14 P215Bc

8753 HEID, J. L. Modern technics produce quality citrus products. Food Indus. 17: 626-629. June 1945. 389.8 F737

Tells about the Florida Citrus Cannery Cooperative.

8754 HIRST, F., and ADAM, W. B. The processing and laboratory examination of canned potatoes. (Abs.) Chem. & Indus., No. 12, p. 91. Mar. 24, 1945. 382 M31C

8755 \*HITIER, H. Mauvaise conservation des fruits. Acad. d'Agr. de France. Compt. Rend. 29: 487-488. 1943. 14 P215Bc

8756 KEFFORD, J. F. Black deposits on jam cans. Food Preserv. Q. 4(4): 13-15. Dec. 1944. 389.9 Au7F

8757 \*KESSLER, H. Die produktion von gefrierkonserven, ein entwicklungsfähiger zweig der obstverwertung. Schweiz. Z. f. Obst- u. Weinbau, No. 2, p. 22-26. Jan. 20, 1945. 80 Sch9

8758 KING, F. C. The cafeteria can have food. What's New in Home Econ. 9(11): 27-29. July 1945. 321.8 W55

Preservation of fruits and vegetables for the Geneva (N. Y.) high school cafeteria.

8759 MACARTHUR, M., and JOHNSTON, F. B. Advances in Canadian vegetable dehydration. Food in Canada 5(5): 23-24, 26, 28, 30, 32. May 1945. 389.8 T7323

8760 MCCORMACK, E. A. Cannery-processors and merchandisers. Oreg. Dept. Agr. Agr. B. 146, p. 9-10. June 1945. 2 Or3

The fruit and vegetable canning industry in Oregon.

8761 MACKINNEY, G. The sulfiting of vegetables. Fruit Prod. J. and Amer. Food Mfr. 24: 300-301. June 1945. 389.8 F94

8762 MITCHELL, C. Preservation of fruit & vegetables on the farm & in the home. Agr. Gaz. N. S. Wales 56: 211-212. May 1, 1945. 23 N472

Preservation of vegetables in salt.

8763 PHAFF, H. J., and others. New methods produce superior dehydrated cut fruits. Pt. III. Food Indus. 17: 634-637. June 1945. 389.8 F737

E. M. Mraak, R. L. Perry, and C. D. Fisher, joint authors.

Clingstone peaches and pears.

8764 RAUCH, G. Jam manufacture. Pt. III. Food Manufacture 20: 200-205. June 1945. 389.8 F736

Jams from various fruits.

8765 REID, E. B. Producing 100 million cans of juice; great expansion of Florida Citrus Cannery Cooperative in ten years. Citrus 7(9): 6-7. Apr./May 1945. 80 C498

8766 RHODES, W. E., and DAVIES, A. F. The selection and pre-processing of potatoes for canning with special reference to control of texture by calcium chloride. Chem. & Indus., No. 21, p. 162-163. May 26, 1945. 382 M31C

8767 ROBERTSON, W. F. Size of apples in relation to yields of pulp for sauce. Mich. Agr. Expt. Sta. Q. B. 27: 386-389. May 1945. 100 M58S

8768 \*S., C. Konservierung von obst und gemüse durch tiefkühlung. Schweiz. Chem. Ztg. 28: 51-52. Feb. 5, 1945. 385 T22

8769 \*TALLARICO, G. Sui metodi di estrazione dell'alcole dal ficodindia. Ital. Agr. 78: 625-630. Sept. 1941. 16 It1

8770 TRESSLER, D. K. Success with freezing fruits and vegetables. Amer. Cookery 50(10): 16-19. June 1945. 389.8 B65

8771 TROUT, S. A., and HALL, E. G. Extending the storage life of apples with skin coatings. Food Preserv. Q. 4(4): 8-9. Dec. 1944. 389.9 Au7F

8772 WAGER, V. A. Losses in storage due to potato rot. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser., No. 108, 2 p. Pretoria, 1945. 24 So82Pa

8773 WOLFORD, E. R., and ANDERSEN, A. A. Propionates control microbial growth in fruits, vegetables. Food Indus. 17: 622-624, 726, 728, 730, 732. June 1945. 389.8 F737

Statistics

8774 DUCHESNE, J. E. Évolution de la production de patates dans l'est du Canada. Terre de Chez Nous 17(36): 4. June 13, 1945. 7 T27

Statistics.

GRAIN AND GRAIN PRODUCTS

8775 BAILEY, C. H. The flour enrichment programme in the United States of America. II - Method of enrichment. Milling 104: 350-351. May 26, 1945. 298.8 M622

8776 \*BOEUF. Valorisation de la récolte de blé en France. Acad. d'Agr. de France. Compt. Rend. 29: 188-192. 1943. 14 P215Bc

8777 \*BOUTARIC, A., and FABRY, S. Méthode d'étude des propriétés colloïdales de suspensions de gluten. Acad. d'Agr. de France. Compt. Rend. 29: 450-453. 1943. 14 P215Bc

8778 \*BR., A. Relation between the microscopic composition of flours and baking quality. Internatl. Inst. Agr. Internatl. Rev. Agr. 35: 142T-143T. July/Aug. 1944. 241 In82A

8779 \*BURÉ, J. Panification de la "farine intégrale" de blé. Acad. d'Agr. de France. Compt. Rend. 29: 197-199. 1943. 14 P215Bc

8780 CHANDLER, A. L. Flour grades and brands. Amer. Miller 73(6): 42. June 1945. 298.8 Am32

8781 CORY-WRIGHT, A. Better barley, better beer. Gt. Brit. Min. Agr. Agriculture 52: 115-117. June 1945. 10 G79J

Includes storing and drying.

8782 DEDRICK, B. W. Looking back over fifty years; some reminiscences of the founder and first president of the Association of Operative Millers. Northwest. Miller (Milling Prod. Sect.) 222(11): 3a, 12a. June 13, 1945. 298.8 N81

8783 \*DOBKHOV, V. Zimmfafa rabota v zernokhranilishche. Kolkhoz. Proizvod., No. 11/12, p. 27-28. Nov./Dec. 1944. 281.8 K83

Grain storage.



- 8784 FELT, C. E., and others. Determination of shelf life of packaged cereals. Cereal Chem. 22: 261-271. May 1945. 59.8 C33
- A. C. Buechele, L. F. Borchardt, R. C. Koehn, F. A. Collatz, and F. C. Hildebrand, joint authors.
- 8785 FINNEY, K. F., and BARMORE, M. A. Optimum vs. fixed mixing time at various potassium bromate levels in experimental bread baking. Cereal Chem. 22: 244-254. May 1945. Ref. 59.8 C33
- Mixing time for hard red winter and spring wheat.
- 8786 FINNEY, K. F., and BARMORE, M. A. Varietal responses to certain baking ingredients essential in evaluating the protein quality of hard winter wheats. Cereal Chem. 22: 225-243. May 1945. Ref. 59.8 C33
- 8787 GARNATZ, G. Soft wheat flours. Baker's Digest 19: 59-61, 72. June 1945. 389.8 S11
- 8788 GARNATZ, G. Tomorrow's soft wheat flours. Northwest. Miller (Milling Prod. Sect.) 222(11): 5a, 19a. June 13, 1945. 298.8 N81
- A wheat improvement program.
- 8789 \*GUILLEMET, R., and SONNTAG, G. Sur le taux d'extraction de la farine panifiable. Acad. d'Agr. de France. Compt. Rend. 29: 240-244. 1943. 14 P215Bc
- 8790 \*HALPERIN, A. The utilisation of corn stalks. (In Hebrew.) Hassadeh 25: 267-269. May 1945. 26 H27
- 8791 HARRIS, R. H. The carbohydrates of wheat flour. Baker's Digest 19: 65-67, 70. June 1945. Ref. 389.8 S11
- 8792 HUTCHINSON, W. S., FERRARI, C. G., and DERBY, R. I. Multiple bleaching of flour; II. Bleaching efficiency in systems involving nitrogen peroxide and another bleaching gas; III. Bleaching efficiency in systems involving nitrogen trichloride and another bleaching gas. Cereal Chem. 22: 187-204. May 1945. 59.8 C33
- Instalment III by C. G. Ferrari, W. S. Hutchinson, and R. I. Derby.
- 8793 JAMES, F. E. The rancimeter -- predictor of keeping quality. Food in Canada 5(5): 15. May 1945. 389.8 T7323
- Method of testing potential rancidity of cereals.
- 8794 KOCH, H. C. Paperboard production qualities of cereal straws. (Abs.) Fibre Containers 30 (5): 52, 57. May 1945. 286.8 F44
- 8795 \*LEROY. Inconvénients physiologiques et économiques de l'incorporation du son à la farine de blé. Acad. d'Agr. de France. Compt. Rend. 29: 199-201. 1943. 14 P215Bc
- 8796 LOSKY, M. D. Handling Ohio's wheat crop. Ohio Farm Bur. News 24(12): 16. July 1945. 6 Oh34
- 8797 MCCRAITH, W. E. Past, present and future of the Association of Operative Millers. Northwest. Miller (Milling Prod. Sect.) 222(11): 7a. June 13, 1945. 298.8 N81
- 8798 MCNEELY, N. Value of rice industry to Little Rock. Rice J. 48(5): 3-4. May 1945. 59.8 R36
- 8799 MADGWICK, W. C. An Australian flowsheet; some observations on milling technique. Amer. Miller 73(6): 38-40. June 1945. 298.8 Am32
- 8800 \*MARANI, M., and GOIA, G. Ricerche su alcune provenienze di frumento "Damiano Chiesa." Ital. Agr. 78: 780-784. Nov. 1941. 16 It1
- Wheat analysis.
- 8801 MURPHY, E. J. The grading of Kansas wheat. Mod. Miller 72(25): 16. June 23, 1945. 298.8 M72
- 8802 MURRAY, N. C. The elasticity of the demand for corn. N. Y. Agr. Col. (Cornell) Farm Econ. No. 146, p. 3734-3735. May 1945. 280.8 C812
- 8803 \*NARDO, L. U. DE. Peso specifico e peso ettolitrico del grano. Ital. Agr. 78: 468-472. June 1941. 16 It1
- Relation between these two weights and between them and yield in flour.
- 8804 \*NOTTIN, P., and BUCHY, A. Composition de quelques blés de la récolte 1942.- Acad. d'Agr. de France. Compt. Rend. 29: 201-202. 1943. 14 P215Bc
- 8805 \*NURET, H. Fabrication des farines intégrales; procédés de mouture spéciaux. Acad. d'Agr. de France. Compt. Rend. 29: 195-197. 1943. 14 P215Bc
- 8806 O'BRIEN, E. J. Victorian F. A. Q. wheat; analysis of 1945 sample. Victoria. Dept. Agr. J. 43: 165-166. Apr. 1945. 23 V66J
- 8807 \*PARISI, E. Il sorgo zuccherino; attività del "Centro nazionale di studi sul sorgo zuccherino" nella campagna 1941-XIX. Ital. Agr. 79: 201-206. Apr. 1942. 16 It1
- Includes use as feed.
- 8808 PARSONS, M. S. Should the Northeast raise more grain? Agr. Situation 29(6): 17-20. June 1945. 1 Ec7Ag
- 8809 PENCE, R. O. Milling research. Northwest. Miller (Milling Prod. Sect.) 222(11): 4a, 20a. June 13, 1945. 298.8 N81
- 8810 \*PIETTRE, L. Perméabilité des grains de blé après épuisement par les solvants organiques; phénomènes de sorption et de desorption. Acad. d'Agr. de France. Compt. Rend. 29: 260-266. 1943. 14 P215Bc
- 8811 \*PIETTRE, L. La présence de principes "pyrolygneux" dans les tissus végétaux lignifiés. Acad. d'Agr. de France. Compt. Rend. 29: 84-87. 1943. 14 P215Bc
- Wheat and other products.
- 8812 \*PIETTRE, M. La perméabilité des grains de blé après épuisement par les solvants organiques; phénomènes de sorption et de desorption. Acad. d'Agr. de France. Compt. Rend. 29: 259-260. 1943. 14 P215Bc
- 8813 \*PIETTRE, M., and PIETTRE, L. Sur quelques propriétés physico-chimiques du gluten. Acad. d'Agr. de France. Compt. Rend. 29: 391-398. 1943. 14 P215Bc
- 8814 RAMMING, R. P. Oregon wheat products score in new markets. Oreg. Dept. Agr. Agr. B. 146, p. 7-8. June 1945. 2 Or3
- 8815 ROUSSEAU, A. H. Some things new in milling. Northwest. Miller (Milling Prod. Sect.) 222(11): 8a-10a. June 13, 1945. 298.8 N81
- 8816 SANDSTEDT, R. M., and HITES, B. D. Ascorbic acid and some related compounds as oxidizing agents in doughs. Cereal Chem. 22: 161-187. May 1945. 59.8 C33
- 8817 SAVILLE, G. Sack-hire, demurrage and stay-hire; an explanation of the methods and charges made by railway companies for grain sack facilities. Farmer & Stock-Breeder 59: 889. June 5, 1945. 10 F228
- 8818 \*SCHLOESING, A. T., and LEROUX, D. Essai de conservation de graines en l'absence d'humidité, d'air et de lumière. Acad. d'Agr. de France. Compt. Rend. 29: 204-206. 1943. 14 P215Bc
- 8819 SE HAN precisado los factores determinantes de los bajos rendimientos de la cosecha de trigo. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 148-149, 151. Mar. 15, 1945. 9.9 GL5B
- Text of a report prepared by a committee of experts.
- 8820 STEEN, H. Tomorrow's flour mill capacity; a study of production probabilities and prospects in the postwar years. Northwest. Miller (Milling Prod. Sect.) 222(11): 18a-18b, 22b. June 13, 1945. 298.8 N81
- 8821 SWANSON, E. C., and BAYFIELD, E. G. The effect of mixing speed and dry milk solids on bread volume. Cereal Chem. 22: 214-224. May 1945. 59.8 C33
- 8822 UNDERKOTFLER, L. A. Production of alcohol from grain. Northwest. Miller (Milling Prod. Sect.) 222(11): 6a, 18a. June 13, 1945. 298.8 N81
- Also in Feedstuffs 17(25): 14-16. June 23, 1945. 286.81 F322



8823 WALLACE, B. A. Financial operations of Ohio farmer owned elevators during the fiscal year 1943-44. Ohio. State U. Dept. Rural Econ. Mimeog. B. 179, 22 p. Columbus, 1944. 281.9 Oh32

#### HONEY AND BEESWAX

8824 \*LEHMANN, A. Die honigkontrolle 1944 des VDSB [Verein Deutsch-Schweizerischer Bienenfreunde]. Schweiz. Bienen-Ztg. 67: 538-541. Dec. 1944. 424.8 Sch9

Price control and rationing.

8825 \*LEHMANN, A. Der honigmarkt im jahre 1944. Schweiz. Bienen-Ztg. 67: 455-456. Oct. 1944. 424.8 Sch9

8826 STANDARD S.A. honey is necessary. By Gubesh. Farmer [Pietermaritzburg] 33(7): 7. Feb. 18, 1944. 24 F227

Advocates standard grades for South African honey.

#### LIVESTOCK AND LIVESTOCK PRODUCTS

8827 ARCHIBALD, E. S. The Canadian sheep industry as I see it. Canad. Wool Grower 16(2): 1-2, 4. Summer 1945. 280.28 C16

8828 \*CARBONE, E. La produzione del vitello grasso in Piemonte. Ital. Agr. 78: 111-120. Feb. 1941. 16 It1

A description of the industry.

8829 CASTAGNET, A. D. Legislación pecuaria; necesidad de su estudio. Argentina. Dir. de Ganad. B. de Ganad. 1(2): 14-16. Nov. 1944. 49 B86

8830 DOWNEY, L. A. Seen and heard in the pig industry. Victoria. Dept. Agr. J. 43: 153-154. Apr. 1945. 23 V66J

8831 DREW, E. L. Necessity for continued raw material controls. Hide and Leather and Shoes 109 (26): 26, 29. June 23, 1945. 303.8 H53

Hides and skins.

8832 FALCIONI, A. C. La clasificación y comercialización de la carne bovina, al día. Argentina. Dir. de Ganad. B. de Ganad. 1(3): 12-19. Dec. 1944. 49 B86

8833 FALCIONI, A. C. Destrucción de cadáveres. Argentina. Dir. de Ganad. B. de Ganad. 1(4/5): 26-29. Jan./Feb. 1945. 49 B86

8834 GLASS, I. R. Raw material prospects. Hide and Leather and Shoes 109(26): 23-24. June 23, 1945. 303.8 H53

Hides and skins.

8835 GOMEZ, A. Rendimiento del cerdo faenado. Argentino. Dir. de Ganad. B. de Ganad. 1(3): 74-75. Dec. 1944. 49 B86

8836 HAAG, H. M. Cattle numbers sufficient to ease meat shortage. Mo. Farmer 37(12): 4, 7. June 15, 1945. 6 M696

8837 HAMILTON, T. R. Trends in the sheep industry in Texas. Sheep and Goat Raiser 25(9): 6-11, 46-47. June 1945. 45.8 Sh3

8838 HENNING, E. G. Meat in the two world wars. Butchers' Advocate 117(25): 11-12; (26): 11-13. (To be cont.) June 20-27, 1945. 286.85 B97

Report of U. S. Dept. of Commerce.

8839 \*HOFFMANN, J. A. Viehwirtschaft des auslandes. Deut. Schlachthof-Ztg. 44: 85. June 15, 1944. 286.85 D48

8840 KELLOGG, C. E. Future of commercial rabbit production. Natl. Fur News 17(2): 8. Mar. 1945. 412.628 R59

8841 MCCLURE, S. W. Bootlegging sheep. Natl. Wool Grower 35(6): 15. June 1945. 45.8 N21N

8842 MITCHELL, A. K. Mitchell surveys meat situation now confronting the United States. N. Mex. Stockman 10(6): 4-5. June 1945. 49 N462

8843 MUCCILOLO, P. Ainda o abastecimento de carne [Brasil]. Rev. dos Criadores 16(4): 6, 31. Apr. 1945. 43.8 R32

8844 NEALE, J. R. The Peruvian livestock industry. Coastal Cattleman 11(5): 5-8. July 1945. 43.8 C63

8845 NICOL, H. S. "Sorry---we have nothing but steak." Iowa State Farm Bur. Iowa Bur. Farmer 9(6): 6. June 1945. 275.293 Iowa

The meat outlook.

8846 NORDBY, J. E. Looking forward; the stabilizing influence of research in a changing sheep production economy. Natl. Wool Grower 35(6): 18-19, 35-36. June 1945. 45.8 N21N

8847 PARVIN, D. W. The national livestock situation. Miss. Farm Res. [Miss. Sta.] 8(4): 1-2. Apr. 1945. 100 M69M1

8848 PEARSON, F. A., MYERS, W. I., and LORIE, J. H. Meat. N. Y. Agr. Col. (Cornell) Farm Econ., No. 145, p. 3698-3699, 3704-3711. Apr. 1945. 280.8 C812

Chiefly on the 1944 liquidation of livestock and the reduced meat supply.

8849 PELLETIER, J. R. Avec le technicien sur les fermes experimentales de la province; Ste-Anne de la Pocatière, Lennoxville, L'Assomption, Normandin. IV. Observations agronomiques: la production du porc a bacon. Terre de Chez Nous 17(35): 16. June 6, 1945. 7 T27

The position of the industry and reforms needed.

8850 \*PIETTRE, M. A propos du ravitaillement en corps gras dans les régions de petite culture peu favorables aux oléagineux mais excellentes productrices de pommes de terre. Acad. d'Agr. de France. Compt. Rend. 29: 511-512. 1943. 14 P215Bc

Hog production as a source of fat.

8851 \*SIMONE, V. DE. L'ippicoltura italiana. Ital. Agr. 79: 179-192. Apr. 1942. 16 It1

8852 STOUT, L. National beef group. Family Herald and Weekly Star 76(25): 11. June 20, 1945. 7 F21

Formation of the Council of Canadian Beef Producers.

8853 \*TARDY, L. Production et ravitaillement en viande. Acad. d'Agr. de France. Compt. Rend. 29: 517-519. 1943. 14 P215Bc

8854 TAYLOR, A. M. The shortage of beef cattle [Australia]. Past. Rev. 55: 267. Apr. 16, 1945. 23 Au75

8855 WATSON, J. A. S. El fomento de la ganadería en la Gran Bretaña. Cuba. Min. de Agr. Rev. 27(28): 55-57. Nov./Dec. 1944. 8 Ag88Re

8856 WATSON, M. A. Our reduced supply of imported materials. Leather Mfr. 56: 109-110, 118. June 1945. 303.8 L484

Foreign hides and skins.

8857 WATSON, M. A. World hide supplies a major problem. Hide and Leather and Shoes 109(26): 16, 18. June 23, 1945. 303.8 H53

#### Consumption and Utilization

8858 MORROW, M. G. Se ha aumentado el consumo de carne de conejo en los Estados Unidos. Campesino [Santiago, Chile] 77: 225-226. Apr. 1945. 9.3 Sol2

#### Distribution, Marketing, and Transportation

8859 BISSON, J. E. Précautions à prendre pendant les temps chauds. Terre de Chez Nous 17(36): 23. June 13, 1945. 7 T27

Transportation of livestock.

8860 BLAINE, C. L., and BLAINE, C. E. Feed in transit. Amer. Cattle Prod. 27(1): 19. June 1945. 49 P94

Regulations governing the feeding of livestock in transit.

8861 DONALD, H. P. Buying a bull; "a sample of inheritance." Country Life [Sydney] 56(40, Cattle Sup.): 7. Apr. 20, 1945. 286.85 Sy2

8862 HENDERSON, C. Memories of a droving trip; vignette of the eighties. Country Life [Sydney] 56 (40, Cattle Sup.): 13. Apr. 20, 1945. 286.85 Sy2

Describes a trip with 700 Shorthorn bullocks.



8863 JONES, B. Truck barriers. Amer. Cattle Prod. 27(1): 22-23. June 1945. 49 P94  
Effect of the liberalization of restrictions on truck sizes and weights on livestock transportation.  
8864 REED, E. G. Spreading the shipments. Amer. Cattle Prod. 27(1): 10-11. June 1945. 49 P94

Transportation and marketing of livestock.

8865 \*SS. Schweizerische Schweineverwertungsgenossenschaft. Schweiz. Milchztg. 71: 208. June 1, 1945. 44.8 Sch92

8866 VARGAS, M. J. Los ganaderos piden un camino. Vida Rural 6(69): 22. Apr. 1945. 9.4 V66  
On the opening of a road in Colombia for cattle transportation and its advantages.

#### Grading, Inspection, Standardization, and Quality

8867 FURLONG, J. R. The marking of hides and skins. Gt. Brit. Imp. Inst. B. 43(1): 8-13. Jan./Mar. 1945. 26 G79

8868 HOBSON, A. Pigs; payment will be for quality. Smallholder 73(1834): 10-11. May 11, 1945. 10 Sml

8869 \*KAMMEL, O. Die Beurteilung von fleisch- und wurstwaren. Deut. Schlachthof-Ztg. 44: 73-77. June 15, 1944. 286.85 D48

8870 KNOX, R. G. The ABCD of beef cattle production; the appreciation of quality in beef by the consumer determines the dividends. Canad. Hereford Digest 3(2): 3, 24, 31. June 1945. 43.8 Cl64

8871 LUACES AGUERO, J. L. Clasificación del ganado. Rev. Canad. [Habana] 5(1/2): 9-10. Jan./Feb. 1945. 49 R321

Need for classification of cattle in Cuba for marketing purposes and to improve the industry.

8872 MERCHANT, I. A. The scope of veterinary public health in the post-war world. Tex. Vet. B. 7(5): 5-6. (To be cont.) May 1945. 41.8 T31

On meat inspection and milk sanitation.

8873 \*MÜLLER. Die zerlegung der schlachttiere von der fleischbeschau. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 33. Apr. 24, 1943. 41.8 D482

8874 O'DEA, S. Federal meat inspection. Cattleman 32(1): 26, 28. June 1945. 49 C29

8875 PRIESTLEY, H. Meat inspection. (Excerpts.) Meat and Wool 96(2): 9. May 10, 1945. 286.85 M462

8876 \*RUMMEL. Die überwachung von nahrungsmitteln tierischer herkunft im bereiche der wehrmacht. Deut. Tierärztl. Wchnschr. 51: 58-60. Jan. 30, 1943. 41.8 D482

8877 SINCLAIR, R. D. There is money in quality; the market hog of the future must be a good hog if the [Canadian] farmer is to be well rewarded. Country Guide 64(6): 17-18. June 1945. 7 G76

#### Prices, Price Control, and Rationing

8878 BISSON, J. E. Aurait-on le rationnement des viandes [Canada]? Terre de Chez Nous 17(35): 23. June 6, 1945. 7 T27

8879 \*SS. Remontierungsfragen in der schweine-mast. Schweiz. Milchztg. 70: 416. Nov. 24, 1944. 44.8 Sch92

Chiefly on prices.

8880 UNION OF SOUTH AFRICA. MINISTER OF AGRICULTURE AND FORESTRY. Producers' meat prices. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser., No. 120, 2 p. Pretoria, 1945. 24 So82Pa

#### Processing and Storage

8881 ARNOLD, D. J. How to tan goat skins for use in the home. Dairy Goat J. 23(5): 9. July 1945. 40.18 M592

8882 COCKBAIN, E. G. Some physico-chemical aspects of tanning and dyeing processes. Internatl. Soc. Leather Trades' Chem. J. 29: 102-117. May 1945. 303.9 Sol2

8883 DAVEY, W. J. G. Applications of monography to leather technology. Leather Trades' Rev. 78: 761-763. June 13, 1945. 303.8 L48

8884 FLOSDORF, E. W. Drying meat by sublimation. Meat 22(5): 27-28, 58-59. Apr. 1945. 286.85 M464

8885 HALL, H. T. B., and VERA, R. S. The preparation of "riems" or hide ropes. Fiji. Dept. Agr. Agr. J. 16(1): 13. Mar. 1945. 25 F47Ag

8886 SIDNEY, E. M. Taking prime pelts. Poultry Farmer [London] 112(2920): 8. June 8, 1945. 47.8 F312

Preparation of rabbit pelts.

8887 \*VEZZANI, V. Studi e ricerche sperimentali sulla produzione della carne bovina nella regione piemontese. Ital. Agr. 80: 479-489. Oct./Dec. 1943. 16 It1

8888 VOLLERTSEN, J. J. What technology means to packers. Pt. II.—Better curing procedures developed, lard and oleo oil improved, a better way to use spices worked out and new products and processes developed. Food Indus. 17: 648-650, 718, 720. June 1945. 389.8 F737

#### Statistics

8889 \*MAZZONI, R. Progressi dell'allevamento bovino in Italia. Ital. Agr. 78: 827-835. Dec. 1941. 16 It1

Statistics of the industry.

8890 PEIRSON, H. M. Decreasing pig production. (Sum.) Straight Furrow 4(7): 27-28. May 15, 1945. 281.8 St8

Statistics.

#### OILS AND OILSEEDS

8891 ALDERKS, O. H. Soybean oil; a study of edible and industrial uses. Soybean Digest 5(8): 10-14. June 1945. 60.38 So9

8892 ANDERSON, R. H., and WHEELER, D. H. The fat acids of American tall oil. Oil & Soap 22: 137-141. June 1945. 307.8 J82

8893 \*ANDRÉ, É. Remarques concernant la culture en France des plantes oléifères de la famille des crucifères. Acad. d'Agr. de France. Compt. Rend. 29: 211-214. 1943. 14 P215Bc  
Quantity and quality of the oil.

8894 B., G. T. The present position of tung oil production in the Empire. Gt. Brit. Imp. Inst. B. 43(1): 14-18. Jan./Mar. 1945. 26 G79

8895 \*BARBERA, G. Il ricino nel piano autarchico. Ital. Agr. 78: 49-57. Jan. 1941. 16 It1

8896 \*BERGET. L'huile de faine. Acad. d'Agr. de France. Compt. Rend. 29: 268-269. 1943. 14 P215Bc

8897 \*BOUTARIC. L'huile de graines de tilleul. Acad. d'Agr. de France. Compt. Rend. 29: 127-128. 1943. 14 P215Bc

Analysis.

8898 BRUCE, G. N. Fats and oils another major problem. Internatl. Confectioner 55(6): 40, 42. June 1945. 389.8 In214

8899 CHANDLER, C. M. What the short course should mean to the operator. Oil Mill Gazetteer 49(12): 14-15. June 1945. 307.8 O153

Research and training in the milling of cotton seed

8900 CRAWFORD, D. M. Colombian fats and oils restricted during war years. Foreign Crops and Markets 51: 3-6, processed. July 2, 1945. 1.9 St2F

8901 \*CREA, V. Prospettive sulla soja. Ital. Agr. 80: 374-376. July 1943. 16 It1

8902 DAVIS, K. C. The market for cottonseed. Okla. Agr. Expt. Sta. Current Farm Econ. 18: 57-66. June 1945. 100 Ok4

8903 \*DONÀ DALLE ROSE, A. Possibilità di una pianta oleaginosa; grassi liquidi e grassi solidi del lino nell'alimentazione. Ital. Agr. 79: 143-150. Mar. 1942. 16 It1

Chiefly on processing of the oils and fats.

8904 GABBY, J. L. Chemistry of the versatile soy. Soybean Digest 5(8): 7. June 1945. 60.38 So9  
First of a series of articles.



8905 GUENTHER, E. A survey of Spanish essential oils. *Amer. Perfumer and Essential Oil Rev.* 47(6): 49-51. (To be cont.) June 1945. 308.8 Am3

8906 HARTNETT, G. F. Peanuts and politics. *Internatl. Confectioner* 55(6): 46. June 1945. 389.8 In214

8907 KUNITZ, M. Crystallization of a trypsin inhibitor from soybean. *Science* 101: 668-669. June 29, 1945. 470 Sci2

8908 NAVES, Y. R. Perfumery research in Europe from 1940 to 1945. *Soap, Perfumery & Cosmetics* 18: 372-374. May 1945. 307.8 Sol3

Includes constituents of essential oils.

8909 PENFOLD, A. R., and MORRISON, F. R. Commercial eucalyptus oils. *Technol. Mus., Sydney. B. 2*, ed. 4, rev., 36 p. Sydney, 1944. 514 Sy22

Appendix: The Australian Eucalyptus Oil Industry from 1939 to 1943, by A. R. Penfold and F. R. Morrison, p. 32-36.

8910 PENFOLD, A. R., and MORRISON, F. R. Guide to the extraction of eucalyptus oil in the field. *Technol. Mus., Sydney. B. 4*, ed. 4, rev., 24 p. Sydney, 1945. 514 Sy22

8911 PERAZA NUNEZ, M. J. El sikilte' - estudio de su aceite. *Fomento [monthly]* 2(16): 20, 23-24. Feb. 1945. 8 F734

8912 \*RAY, G. Production métropolitaine des corps gras. *Acad. d'Agr. de France. Compt. Rend.* 29: 352-354. 1943. 14 P215Bc

8913 RICKARD, J. A. Flax seed production in the United States. *Your Farm* 3(9): 27-33. July 1945. 6 Y8

8914 ROJAS, U. Plantas oleaginosas. *Guatemala. Dir. Gen. de Agr. Agr. Rev. (ser. 2) 1*: 224-227. Feb. 1945. 8 G934

Utilization of oilseeds and composition of oils.

8916 \*SOROA, J. M. DE. Camino de mejora en una industria agrícola. *Surco [Madrid]* 4(37): 13. Mar. 1945. 15 Su7

The olive oil industry.

8917 STEPHAN, L. L. Peanut production in southeastern United States. *Econ. Geog.* 21: 183-191. July 1945. 278.8 Ec7

8918 TREMPER, L. G. The use of soy flour in the baking industry. *Amer. Soc. Bakery Engin. B.* 131, p. 510-512. May 1945. 389.9 Am37B

8919 \*ZANINI, E. Le colture oleaginose nel Mezzogiorno e nelle Isole. *Ital. Agr.* 78: 724-727. Oct. 1941. 16 It1

#### POULTRY AND POULTRY PRODUCTS

8920 ALEXANDER, A. K. S. Wanted: more eggs, more table birds; increased production is now possible; plans should be got under way immediately, for poultry meat and eggs are needed more than ever. *Farmer & Stock-Breeder* 59: 897. June 5, 1945. 10 F228

Great Britain.

8921 BENSON, T. A. Current poultry problems; most important problem is that of maintaining industry on a reasonably profitable basis - good work being done by Poultry Industry Committee of Ontario. *Canad. Countryman* 34(13): 3, 31. June 23, 1945. 7 C833

8922 BIRTWISTLE, V. How to show first-class eggs. *Poultry [London]* 96: 297. May 8, 1945. 47.8 P869

8923 BOHREN, B. B., THOMPSON, C. R., and CAR-RICK, C. W. The transfer of carotinoid pigments to the egg yolk. *Poultry Sci.* 24: 356-362. July 1945. 47.8 Am33P

8924 BUSTER, M. W. Better egg and poultry marketing. *U. S. War Food Admin. Mktg. Activ.* 8(6): 3-6, processed. June 1945. 1.942 A8M34

8925 BUSTER, M. W. Humpty Dumpty needs a new uniform. *Hatchery Tribune* 19(7): 20, 81-85. July 1945. 47.8 H28

Egg and poultry products marketing program.

8926 CHRISTIAN, J. T. Spray-drying eggs. *Baker's Digest* 19: 73-75. June 1945. 389.8 S11

First of a series.

8927 COLLINSON, H. What's the cause of these cracked eggs? *Smallholder* 73(1834): 13. May 11, 1945. 10 Sml

8928 CURTISS, W. M., and FROSTENSON, G. How central New York poultrymen market their eggs. *N.Y. Agr. Col. (Cornell) Farm Econ.*, No. 146, p. 3736-3737. May 1945. 280.8 C812

8929 CUSHMAN, H. E. Freezing poultry. *Mont. Farmer* 32(19): 10. June 1, 1945. 6 M764

8930 DEARSTYNE, R. S. Post-war problems of the poultry and turkey producer. *Amer. Miller* 73(6): 58-59, 71. June 1945. 298.8 Am32

8931 DEBROIN, J. Hatching new business; new markets for Canadian hatching eggs have been opened up by a group of poultrymen visiting the Delmarva district. *Family Herald and Weekly Star* 76(24): 7, 10. June 13, 1945. 7 F21

8932 \*DELAMARRE DE MONCHAUX, COMTE. La crise actuelle de l'aviculture. *Acad. d'Agr. de France. Compt. Rend.* 29: 69-70. 1943. 14 P215Bc

8933 GORDON, M. D. The [British] poultry industry at the crossroads. *Field* 185: 449. May 5, 1945. 10 F45

8934 GUERIN, B. C. DE. Poultry in Guernsey. *Poultry World* 76: 256-257. June 1, 1945. 47.8 P8682

The industry during the German occupation.

8935 HARVEY, J. R. Poultry - what of the future? *Scot. Farmer* 53: 710. June 16, 1945. 10 Sco8

The future of the industry.

8936 HOLDEN, A. E. 7-point program increases sales. *Hatchery Tribune* 19(7): 80-81. July 1945. 47.8 H28

The Lansing Hatchery of Lansing, Mich.

8937 HOOPER, W. K. Report of Advisory Marketing Committee. *San Diego Poultry J.* 20(478): 8-9, 12. June 1945. 47.8 Sa52

A study of the problems of the Egg Marketing Department of the San Diego Co-operative Poultry Association.

8938 IVEY, J. E., and CURTIS, L. Swat the rooster; hot pack him with his bones. *This Month in Rural Ala.*, July 1945, p. 5. 6 T34

Directions for canning poultry meat.

8939 JEFFREY, F. P. Blood and meat spots in chicken eggs. *Poultry Sci.* 24: 363-374. July 1945. 47.8 Am33P

8940 KEENEY, G. C. Selling our egg surpluses. *Oreg. Dept. Agr. Agr. B.* 146, p. 19-20. June 1945. 2 Or3

8941 KLEIN, G. T. The New England Poultry and Egg Institute. *New England Homestead* 118(12): 1, 12. June 23, 1945. 6 N442

8942 LANDRETH, W. A. Prospective markets for poultry products during 1945 and 1946. *Manitoba Co-op.* 2(22): 12. June 15, 1945. 280.28 M31

8943 \*LODI, H. S. Co-operative marketing of eggs. *Indian Farming* 5: 501-504. Nov. 1944. 22 In283

8944 MCFARLANE, V. H., WATSON, A. J., and GORESLINE, H. E. Microbiological control in the production of spray dried whole egg powder. *U. S. Egg & Poultry Mag.* 51: 250-257, 270-273, 275-277, 279-285. June 1945. 286.85 Eg3

8945 MOORE, A. C. Raise table chicken price now; it would ease meat shortage within six months. *Poultry [London]* 96: 326. May 22, 1945. 47.8 P869

8946 \*PIETRE, M. Réglementation technique des oeufs, contrôle à la production. *Acad. d'Agr. de France. Compt. Rend.* 29: 347-352. 1943. 14 P215Bc

8947 PRIMACK, B. What surplus??? *East. Union Farmer* 2(1): 3. Jan. 1945. 280.28 Ea72

The egg outlook.

8948 TERMOHLEN, W. D. Let's keep hens earning two billion dollars a year. *Country Gent.* 115(7): 12, 44-45, 47. July 1945. 6 C833



- 8949 WHITE, G. A turkey "Shangri-la;" cooperation builds prosperous farming area near Trout Lake [Washington]. Washcoegg 23(1): 16-17. June 1945. 47.8 W27
- 8950 WOLFE, E. Poultry farmer carries on; a growing poultry business in northern Ontario marks time till the boys come home. Family Herald and Weekly Star 76(24): 5. June 13, 1945. 7 F21

## RUBBER AND RUBBER SUBSTITUTES

- 8951 \*BERTRAND, G. Observations sur le traitement des fruits d'Encomia ulmoides pour extraire le caoutchouc. Acad. d'Agr. de France. Compt. Rend. 29: 123-124. 1943. 14 P215Bc
- 8952 \*BHATTNAGAR, S. S., SHANKAR, K., and SHANKAR, U. Extraction of rubber from *Cryptostegia grandiflora*. J. Sci. and Indus. Res. 3: 441-444. Apr. 1945. 475 J82
- 8953 HERRERIAS T., A. Noticias sobre la historia del hule. Managua. Cam. Mac. de Com. e Indus. B. (ser. 3) 10(115): 21-25. Mar. 1945. 287 M316
- 8954 SIERRA, H. M. Plantas cauchíferas; el caucho, hevea. brasiliensis. Guatemala. Dir. Gen. de Agr. Agr. Rev. (ser. 2) 1: 185-193. (To be cont.) Feb. 1945. 8 G934
- The production program and plant sources other than Hevea.

## SEEDS

- 8955 BORGESON, C. Distribution [Minnesota Agricultural Experiment Station seed stocks. Minn. Seed Grower 18(3): 3. June 1945. 61.8 M66
- 8956 \*KOSTRINSKY, J. The quantity of seed required for winter cereals. (In Hebrew.) Hassadeh 25: 220-221. Apr. 1945. 26 H27
- 8957 MCPHERSON, G. K. Machine dressing of certified seed on the farm. New Zeal. J. Agr. 70: 341-343. Apr. 16, 1945. 23 N48J
- 8958 MCPHERSON, G. K. Seed certification in New Zealand; activities in Ashburton County. Seed and Nursery Trader 43(4): 3, 5-6. (To be cont.) Apr. 20, 1945. 80 Au72
- 8959 MARSHALL, W. H. A review of seed certification in 1944. Minn. Seed Grower 18(3): 1-3. June 1945. 61.8 M66
- 8960 SELLSCHUP, J. Seed testing station at Potchefstroom. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser., No. 117, 2 p. Pretoria, 1945. 24 So82Pa
- The station was established at the College of Agriculture, Potchefstroom.
- 8961 UNION OF SOUTH AFRICA. DEPT. OF AGRICULTURE AND FORESTRY. DIVISION OF HORTICULTURE. Production of vegetable seed. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser., No. 116, 2 p. Pretoria, 1945. 24 So82Pa
- Chiefly on demand for seeds and trade.
- 8962 \*URI, J. Remark as to quantity of seed required for cereals. (In Hebrew.) Hassadeh 25: 219-220. Apr. 1945. 26 H27
- 8963 WHITE, H. O. Oregon seed markets are far-flung. Oreg. Dept. Agr. Agr. B. 146, p. 30-31. June 1945. 2 Or3

## SUGAR AND SIRUPS

- 8964 ASOCIACIÓN NACIONAL DE COLONOS DE CUBA. A la opinión pública. Retiro Azucarero 1(2): 20-21. Sept. 1944. 65.8 R31
- Sugar marketing policy.
- 8965 BAISSAC, L. Some observations on the behaviour of raw cane sugar stored for a period of from one to three years. Rev. Agr. de l'île Maurice 29 (1): 22-24. Jan./Feb. 1945. 24 M44
- 8966 BALLINGER, R. A. Sugar supply prospects. Agr. Situation 29(6): 12-14. June 1945. 1 Ec7Ag
- 8967 BARBER, D. J. Removing sulphites and organic non-sugars from juices. Sugar 40(6): 36-38. June 1945. 65.8 F11

- 8968 BIRKETT, L. S. Determination of polarization per cent cane for field allocations of sugar or as a basis of cane payment. Internatl. Sugar J. 47: 153-155. June 1945. 65.8 In8
- 8969 BIRKETT, L. S. "Sugar deterioration." Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1943: 68-76. 1944. 65.9 B775
- Methods of manufacture and storage.
- 8970 BOURBAKIS, C. J. Posibilidades de los productos y residuos de la industria azucarera. Cuba. Min. de Agr. Rev. (ser. 4) 28(1): 57-60. Jan./Mar. 1945. 8 Ag88Re
- 8971 BRITISH beet sugar. Pt. II. Food Manufacture 20: 195-198. June 1945. 389.8 F736
- Processing of the beets and manufacture of the sugar.
- 8972 BURMEISTER, G. World sugar prospects. Foreign Crops and Markets 50: 286-288, processed. June 18, 1945. 1.9 St2F
- 8973 DYER, B. W., & COMPANY. No sugar relief until 1946. Natl. Bottlers' Gaz. 64(760): 56-57. June 1945. 390.8 N21
- 8974 GALVIN, J. J. The sugar beet crop. Irish Agr. and Creamery Rev. (n. s.) 14(136): 13-15. Apr. 1945. 44.8 C866
- Causes of the success of the crop, including marketing factors.
- 8975 GARCÍA BAYLLERES, J. L. Sugar. Retiro Azucarero 1(2): 5-6. Sept. 1944. 65.8 R31
- The Cuban industry.
- 8976 GRAY, P., and others. Reducing sugars and dextrins. Amer. Brewer 78(5): 40-42. May 1945. 390.8 Am3
- S. Laufer, B. H. Nissen, G. T. Peckham, Jr., and H. W. Rohde, joint authors.
- 8977 GROGAN, H. L. "Deterioration of sugar during storage." Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1943: 77-79. 1944. 65.9 B775
- 8978 GROGAN, H. L. "The graining of "A" molasses in Martinique." Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1943: 51-52. 1944. 65.9 B775
- 8979 HARDY, F. Science in sugar production. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1943: 8-13. 1944. 65.9 B775
- Factors determining the quantity and quality of sugar produced.
- 8980 HENLEY, H. Just another change of pace; take sugar problems in your stride. New England Grocery and Market Mag. 13(9): 11-12, 37. July 1945. 286.83 N44A
- 8981 HORAN, H. A. Factors influencing corn syrup supply. Internatl. Confectioner 55(6): 42. June 1945. 389.8 In214
- 8982 L., H. M. The sugar cane and national economy. Internatl. Sugar J. 47: 152-153. June 1945. 65.8 In8
- The industry in Hawaii.
- 8983 LAGOS U., J. A. Como obtener dulce blanco o panela blanca. Agr. Costarricense 3: 191-192. Apr. 1945. 8 Ag895
- 8984 LAMBORN, O. H. Sugar supplies, present and postwar. Sugar J. 7(12): 7-8, 10-12. May 1945. 65.8 Su391
- 8985 LARSON, R. G. Sugar. Oreg. Dept. Agr. Agr. B. 146, p. 13-14. June 1945. 2 Or3
- The sugar beet industry in Malheur County, Oreg.
- 8986 LITKENHOUS, E. E. Bagasse as a source of pulp. Chemurg. Digest 4: 169, 171-178. May 31, 1945. 381 N213Na
- 8987 MAESTRI, R. El insoslayable dilema. Tierra Libre 9(5): 5. May 1945. 8 T443
- The need for obtaining greater yields in sugar with the same investment of capital and labor in Cuba.
- 8988 MASUROVSKY, B. I. Liquid sugar's role in ice cream plants. Ice Cream Trade J. 41(6): 52, 56. June 1945. 389.8 Ic2
- 8989 MORRISON, K. Syrup from Minnesota maples. Minn. Dept. Conserv. Volunteer 8(46): 22-24. May/June 1945. 279.8 C765



8990 \*NAYER, P. N., and NARAIN, R. D. Factors affecting the area under sugar-cane in U. P. Indian Sugar 8: 75-79. Mar. 1945. 65.8 In25

The possible factors are the market price of gur and alternative crops such as wheat, barja, and Jowar, and the price sugar factories pay for cane.

8991 PIAT, P. Le prix des sucres de la coupe 1944. Rev. Agr. de l'île Maurice 29(1): 15-16. Jan./Feb. 1945. 24 M44

8992 RAY, J. B. Mexico produces strategic alcohol. Mod. Mex. 17(3): 7, 32. Aug. 1944. 110 M72  
Alcohol from sugar.

8993 REED, D. L. Utilization of the sugar of sulphite waste liquor. Paper Trade J. 120(25): 68, 70. June 21, 1945. 302.8 P196

8994 REICH, G. T. Molasses distillers can produce large quantities of yeast. Food Indus. 17: 644-646. June 1945. 389.8 F737

8995 REICH, G. T. Molasses stillage. Indus. and Engin. Chem. Indus. Ed. 37: 534-538. June 1945. 381 J825

8996 RIDGWAY, A. How much sugar, how much candy. Confectioners J. 71(846): 29-30. July 1945. 389.8 C76

8997 ROMÁN, J. DE. Bread and butter crop. Inter-Amer. 4(7): 20-23, 38. July 1945. 280.8 In85  
The Cuban sugar industry.

8998 \*ROMOLINI, E. The evolution of sugar economy in the interval between the two world wars. Internatl. Inst. Agr. Internatl. Rev. Agr. 35: 99S-114S. (Concl.) July/Aug. 1944. 241 In2A

8999 SAINT ALBANS, M. Struggle for sugar. Mod. Mex. 17(11): 8-11. Apr. 1945. 110 M72  
The sugar industry in Mexico.

9000 \*SHRIKHANDE, J. G. Packing & storage of solidified molasses in a dry state. Indian Sugar 8: 73. Mar. 1945. 65.8 In25

9001 SORNAY, A. DE. La coupe de 1944. Rev. Agr. de l'île Maurice 24(1): 11-14. Jan./Feb. 1945. 24 M44

Review of the sugar season.

9002 SPRINGER, H. B. "The application of the chloride method of control to a specific factory problem." Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1943: 86-88. 1944. 65.9 B775

The problem of decrease in juice purity on concentration to sirup.

9003 STEVENS, G. E. Processing of final crystallizer massecuites in refineries. (Abridged.) Internatl. Sugar J. 47: 158-162. June 1945. 65.8 In8

9004 STEWART, C. W. Sugar research at the Audubon Sugar Factory during the 1944 season. Sugar B. 23: 155-157. June 15, 1945. 65.9 Am32

9005 WHITE, W. H. Compressed sugar. Mod. Packaging 18(10): 109-113. June 1945. 309.8 M72

#### TOBACCO

9006 COLEMAN, L. M. Latin American tobacco yesterday and today. Agr. in the Americas 5: 103-105, 114. June 1945. 1 F752A

9007 HOUGH, J. A. Tobacco sales. Co-op. Rev. 19: 67-68. May 1945. 280.28 C7823  
Great Britain.

9008 MACRAE, N. A. 1944 Canadian leaf production. Canada. Expt. Farms. Tobacco Div. Lighter 15(2): 11-12, processed. May 1945. 286.89 C16

9009 MINNEMAN, P. G. Cuba's tobacco industry hung up records in 1944. (Digest.) Foreign Com. Weekly 19(12): 10-11. June 16, 1945. 157.54 F763

9010 \*PIETTRE, M. A propos du ravitaillement en tabac. Acad. d'Agr. de France. Compt. Rend. 29: 233-234. 1943. 14 P215Bc

9011 \*ST. VLAHOV, I. La produzione del tabacco in Bulgaria. Ital. Agr. 80: 42-47. Jan. 1943. 16 It1

Survey of the industry.

9012 STILES, H. F. Thoughts turn to imminent post-war changes in Connecticut leaf trade. Tobacco [New York] 120(26): 7-8, 22. June 28, 1945. 286.89 T552

#### MISCELLANEOUS PRODUCTS

9013 ACOSTA SOLÍS, M. La tagua, coroso o marfil vegetal. Ecuador. Primera Zona. Cam. de Agr. Rev. 7: 137-146, 185-209.. (Concl.) Feb.-Mar. 1945. 9.5 Ec96

Marketing and utilization.

9014 ARMITAGE, F. D. The microscopy of vegetable foods and drugs. XV. Senna leaflets. Indus. Chem. and Chem. Mfr. 21: 239-242. May 1945. 382 In22

9015 BANKS, A. Cold treatment of herrings; results of Scottish experiments in freezing and cold storage. (Abs.) Food 14: 151-154. June 1945. 389.8 F738

Discussion, p. 154-155.

9016 BARNETTE, L. T. Cellulose plastics. Chemurg. Digest 4: 185, 187-188. June 15, 1945. 381 N213Na

9017 BECKER, G. L. Pacific Coast hops to the fore. Hopper 2(3): 2-3. June 1945. 70.8 H77

9018 \*BIONDA, G. La valorizzazione della ginestra nella provincia di Alessandria. Ital. Agr. 78: 41-48. Jan. 1941. 16 It1

9019 CHARNLEY, F. The measurement of spoilage in herring stored under moderately low temperature conditions. Analyst 70: 168-172. May 1945. 382 An1

9020 GARCÍA CRUZ, M. Estudio económico comercial de la candelilla. Agr. y Ganad. 20(7): 15-30. (Cont.) May 31, 1945. 8 Ag834

9021 HOPKINS, R. Some prospects in yeast research. Inst. Brewing. J. 51 (n. s. 42): 138-140. May/June 1945. 390.9 In7

As related to the food industries.

9022 HUTCHESON, M. M. Bayberries still serve. Nature Mag. 38: 324. June/July 1945. 409.6 N214  
Utilization of bayberries for the manufacture of candles.

9023 \*JACQUOT, R., and GUILLEMET, R. Étude biochimique et physiologique du tourteau de karité. Acad. d'Agr. de France. Compt. Rend. 29: 250-252. 1943. 14 P215Bc

9024 K., L. C. Allied Florists and Growers of Canada, Inc. now has national advertising and publicity committee. Canad. Florist 40: 185. June 5, 1945. 80 C163

9025 KAHM, H. S. Tulip time in America. Nation's Business 33(7): 56. July 1945. 286.8 N212  
Domestic production of tulip bulbs.

9026 MAJOR, F. Pyrethrum flowers from Nigeria. Gt. Brit. Imp. Inst. B. 43(1): 7-8. Jan./Mar. 1945. 26 G79

Analysis of a sample.

9027 RANSOM, E. Herbs for the forces. Tasmanian Farmer 8(5): 13. Feb. 1945. 23 T186

9028 RATTRAY, M. Frozen fish for inlanders. U. S. War Food Admin. Mktg. Activ. 8(6): 8-9, processed. June 1945. 1.942 A8M34

9029 ROBB, R. F. Cellulose plastics show record of remarkable growth. Tex. Prog. 4(5): 13, 32-33. June 1945. 280.8 T313

9030 ROGERS, L. N. History of the cellulose yield procedure. Oil & Soap 22(6): 24. June 1945. 307.8 J82

9031 ULLOA S., A. G. La importancia del cultivo del piretro. Ecuador. Primera Zona. Cam. de Agr. Rev. 7: 153-160. Mar. 1945. 9.5 Ec96

9032 URDANG, G. The legend of cinchona. Sci. Monthly 61: 7-20. July 1945. 470 Sci23



AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

## GENERAL

9033 ALBERTO PARDO, C. Aspectos de la vida económica argentina. Soc. de Geog. y Estadís. de la Repúb. Mex. B. 60(1): 143-164. Jan./Feb. 1945. 516 M57E

Includes agriculture.

9034 BETTELHEIM, C. Economic and social policy in France. Internatl. Labour Rev. 51: 722-740. June 1945. 283.8 In8

Includes the decline in agricultural production.

9035 BUECHEL, F. A. Business review and prospect reconversion in Texas and the Southwest. Tex. Business Rev. 19(5): 3-5. June 1945. 280.8 T312

Includes agriculture.

9036 GRANVILLE, J. Economic reconstruction in France. World Econ. 3(9/10): 9-38. Mar./June 1945. 280.8 W892

Includes effects of German occupation upon French agriculture.

9037 \*HASSELMAN, H. F. Plan for post-war relief in the Dutch East Indies. Planters' Chron. 40: 105-108. Apr. 1, 1945. 22 P693

9038 HELINE, O. "FAO" ... a step toward world peace; an evaluation of the proposed United Nations Food and Agriculture Organization. Iowa Farm Econ. 11(6): 6-7. June 1945. 275.28 I92

9039 HUGGINS, H. D. Social and economic aspects of drainage irrigation schemes. No. 1-2. Georgetown, Demerara, 1944. (British Guiana. Legis. Council, No. 17/1944, 23/1944.) 54 B77

No. 1: Corentyne Coastlands, 20 p.; No. 2: East Demerara, 18 p.

Data on population and land utilization.

9040 JACKS, H. Agricultural economy in Rumania prior to the present war. Straight Furrow 4(7): 25-26. May 15, 1945. 281.8 St8

9041 JOHNSON, A. The rehabilitation of Europe. Yale Rev. 34: 577-586. June 1945. 280.8 Y1

Includes discussion of food and agriculture.

9042 \*L., J. La conception et l'application récentes des plans économiques dans divers pays. Génie Civil 118: 241-244. Dec. 6/13, 1941. 290.8 C29

Agricultural programs are mentioned.

9043 LOKANATHAN, P. S. The Bombay Plan. Foreign Affairs 23: 680-686. July 1945. 280.8 F76

A plan for the development of industry, agriculture and standard of living in India.

9044 RAO, B. S. New social forces in India. Foreign Affairs 23: 635-643. July 1945. 280.8 F76

Includes discussion of the food situation, problems of rural workers, and the agrarian reforms.

9045 RODRÍGUEZ G., J. M. El panorama económico agrícola de Nicaragua que presentamos a la consideración del honorable Congreso Nacional. Café de Nicaragua 1(6): 44-47. Apr. 1945. 68.28 C114

9046 RYAN, V. J. The State and reconstruction. Amer. J. Econ. and Sociol. 4: 343-355. Apr. 1945. 280.8 Am393

Includes agriculture.

9047 SEEMAN, B. Life in Japan today. Amer. Mercury 61(259): 7-15. July 1945. 110 Am35

Includes discussion of food conditions and agriculture.

9048 SPIELMAN, H. W. Agriculture in São Paulo, Brazil. Foreign Agr. 9: 82-95. June 1945. 1.9 Ec7For

Land use, tenure, labor, crops, and the livestock industry.

9049 \*TRUCHY. Le rôle de l'agriculture dans les fluctuations économiques. Acad. d'Agr. de France. Compt. Rend. 29: 73-77. 1943. 14 P215Bc

9050 TURNER, J. What [British] farming offers - and expects; N. F. U. president's declaration - demands upon the next government - fair prices for produce and high nutritional standard for the people. (Excerpts.) Farmer & Stock-Breeder 59: 877. June 5, 1945. 10 F228

9051 YOUNG, C. G. The [Indian] Rehabilitation Program. U. S. Off. Indian Aff. Indians at Work 13(1): 18-20. May/June 1945. 156.5 In23

9052 ZEITLIN, M. Soviet rural reconstruction. Soviet Russia Today 14(3): 17-21, 33. July 1945. 280.8 So89

## AGRICULTURAL FINANCE

9053 \*ALEMANNI, N. M. Mutui di bonifica e avviamenti aziendali. Ital. Agr. 79: 525-528. Oct. 1942. 16 It1

9054 \*FILIPPI, L. Il finanziamento degli ammassi. Ital. Agr. 78: 151-154. Mar. 1941. 16 It1

9055 FRASER, S. B. The impact of the war on the financial structure of agriculture. Rural Bank N. S. Wales. Farm Front 3: 53-57, processed. Apr. 1945. 281.9 R883

Discusses a report issued by the U. S. Bureau of Agricultural Economics and gives comparative figures for New South Wales.

9056 \*MEDICI, G. Sul reparto dei contributi di bonifica. Ital. Agr. 80: 117-121. Mar. 1943. 16 It1

Credit

9057 AUGUSTUS, E. K. Don't fence yourself in. Ohio Farm Bur. News 24(11): 21. June 1945. 6 Oh34

Planned use of credit.

9058 \*CUMANI, G. M. DE. L'esercizio del credito agrario nelle provincie di Padova e di Rovigo. Ital. Agr. 78: 519-525. July 1941. 16 It1

9059 ESTROP, L. P. Inscripción obligatoria en el registro de la propiedad de comercio de los contratos de crédito agrícola [México]. Economista 13(145): 115. May/June 1945. 280.8 Ec793

9060 FERNÁNDEZ Y FERNÁNDEZ, R. Los préstamos. Mex. Dir. de Econ. Rural. B. Mens., No. 228, p. 326-331. May 1945. 254.5 Ag83

Agricultural credit in Mexico.

9061 FISTER, R. G. Credit without money. U. S. Off. Indian Aff. Indians at Work 13(1): 15-17. May/June 1945. 156.5 In23

The repayment cattle program in use on reservations.

9062 HUBER, A. Credit for Indians. U. S. Off. Indian Aff. Indians at Work 13(1): 21-24. May/June 1945. 156.5 In23

9063 KLINEFELTER, H. E. How FSA has helped thousands of Missouri farmers. Mo. Farmer 37(11): 3, 5. June 1, 1945. 6 P696

The Farm Security Administration.

9064 LARSEN, H. C. How the farm-mortgage debt is distributed. Agr. Situation 29(6): 9-12. June 1945. 1 Ec7Ag

9065 MUMFORD, W. L. Albuquerque Production Credit Assn., now completely owned by New Mexico livestock growers & agriculturalists. (Excerpts.) N. Mex. Stockman 10(6): 18-19, 25. June 1945. 49 N462

Policies and operation of the association.

9066 \*PATEL, S. K. J. An inquiry into the effect of war-time prices on agricultural indebtedness. Indian J. Econ. 25: 561-565. Apr. 1945. 280.8 In22

9067 PETTYJOHN, L. E. Loans were brought to our bank by practical talks with farmers. Bankers Monthly 62: 272-273. June 1945. 284.8 B223

9068 RAWSON, H. W. Farm Loans Committee, W. B. A. [Wisconsin Bankers Association]. Mid-west. Banker 39(6): 46-47. June 1945. 284.28 B222

Objectives and activities of the committee.



- 9069 TINDALL, C. Money to lend ... on new kind of security. *Mo. Ruralist* 86(11): 1, 15-17. June 9, 1945. 6 R8891  
On the loans for soil-improvement work made by bankers in St. Joseph, Mo.

#### Income

- 9070 BLOK, G. Collective farm income [in the U. S. S. R.]. *Saskatchewan Farmer* 36(13, Mag. Sect.): 8. July 2, 1945. 7 Sa74  
9071 \*CHUVIKOV, V. Pravil'no raspredelit' dokhody kolkhoza [proper distribution of income on the collective farms]. *Kolkhoz. Proizvod.*, No. 11/12, p. 19-20. Nov./Dec. 1944. 281.8 K83  
9072 LAPTEV, I. Collective farm income and differential rent [in the Soviet Union]. *Amer. Rev. Soviet Union* 6(3): 28-48. May 1945. 280.8 Am391  
9073 MORRIS, A. J. 1944 income of Utah dairy industry tops 24 million. *Utah Farmer* 64(20): 3, 19. June 10, 1945. 6 D45

#### Insurance

- 9074 HIMES, F. B. Reducing the gamble in farming. *Mich. Farmer* 204: 317, 326. June 16, 1945. 6 M58  
Crop insurance.

#### Taxation

- 9075 \*CHAND, G. The inheritance tax in India. *Indian J. Econ.* 25: 436-450. Apr. 1945. 280.8 In22  
Includes land inheritance.  
9076 \*FAMULARO, N. L'imposta sui plus-valori immobiliari. *Ital. Agr.* 78: 177-182. Mar. 1941. 16 It1  
9077 \*FAMULARO, N. Tassazione del reddito medio ordinario e catasto della proprietà immobiliare. *Ital. Agr.* 78: 441-448. June 1941. 16 It1  
9078 \*FLORA, F. L'imposta sulle plusvalenze immobiliari (Legge 21 ottobre 1940 - XVIII - n. 1511). *Ital. Agr.* 78: 75-78. Feb. 1941. 16 It1  
9079 \*GIRARD, H. L'impôt sur les bénéfices agricoles. *Acad. d'Agr. de France. Compt. Rend.* 29: 206-211. 1943. 14 P215Bc  
9080 GONZÁLEZ, J. A., and GALINDO H., I. Impuestos a la agricultura, Estado de Morelos. *Mex. Dir. de Econ. Rural. B. Mens.*, No. 228, p. 337-343. May 1945. 254.5 Ag83  
9081 HENSEL, E. L. Taxable status of cooperatives under Federal income tax laws. *Farmers' Elevator Guide* 40(6): 7. June 1945. 280.28 Am3  
9082 PAUL, R. E. A legal analysis of income taxes and cooperatives. (Abs.) *Co-op Grain Q.* 3 (2): 4-19. May 1945. 280.28 C7898  
9083 SWEENEY, J. B. Livestock income tax reporting. *Guernsey Breeders' J.* 68(1): 11-13. July 1, 1945. 43.8 G93  
9084 \*VOMSATTEL, M. Steuerfragen. *Schweiz. Bienen-Ztg.* 67: 459-461. Oct. 1944. 424.8 Sch9

#### AGRICULTURAL LABOR AND WAGES

- 9085 ALEXANDER, A. K. S. A plea for the unlucky. *Farmer & Stock-Breeder* 59: 857. May 29, 1945. 10 F228  
Opportunities for labor in the poultry industry.  
9086 \*BECKERICH, A. Concours du meilleur ouvrier betteravier. *Acad. d'Agr. de France. Compt. Rend.* 29: 63-69. 1943. 14 P215Bc  
9087 BIERLY, I. R. Labor required to move hay from windrow to mow. *N. Y. Agr. Col. (Cornell) Farm Econ.*, No. 145, p. 3712-3714. Apr. 1945. 280.8 C812  
9088 DUCOFF, L. J. Experiment in the measurement of unpaid family labor in agriculture. *Amer. Statis. Assoc. J.* 40: 205-213. June 1945. 251 Am3  
9089 EASTMAN, S. C. As the hired man sees it. *Farmer's Mag.* 42(6): 18, 64. June 1945. 7 C165  
Farm labor in Canada.

- 9090 \*GANCEV, N. Il lavoro nelle aziende agrarie bulgare. *Ital. Agr.* 78: 549-556. July 1941. 16 It1  
9091 \*GORELOV, V. O sochetanii raboty traktornoi brigady MTS i polevodcheskoi brigady kolkhoza. *Sotsialist. Sel'sk. Khoz.* 15(11/12): 35-42. Nov./Dec. 1944. 281.8 So73  
Organization and management of work.  
9092 HOARE, C. H. Should farm work be graded? *Land Worker* 26(313): 5. June 1945. 283.8 L22  
9093 JOHNSON, B. H. Trends in farm labor. *Sugar Beet* 5(3): 26-27. June 1945. 66.8 Su34B  
9094 \*KÜNIG, M. R., FREIIN VON. Erfahrungen mit dem einsatz von kindern bei der landarbeit. *Mitt. f. die Landw.* 59: 603-604. July 1, 1944. 18 D48M  
9095 MCKAIN, W. C., JR. Too many workers — a post-war farm labor problem. *Wash. State Col. Res. Studies* 13(1): 17-24. Mar. 1945. 500 W279  
9096 MARTÍNEZ, R. J. Un poco de historia. *Retiro Azucarero* 1(2): 11, 21. Sept. 1944. 65.8 R31  
Foundation of the Caja del Retiro y Asistencia Social de Obreros y Empleados de la Industria Azucarera in Cuba.  
9097 NASH, J. M. Man-power in the Soviet Union. *World Econ.* 3(9/10): 103-108. Mar./June 1945. 280.8 W892  
Brief discussion of agricultural labor.  
9098 ORR, A. E. Stability in farm wages is WFA goal. *Oreg. Farmer* 68: 305. June 7, 1945. 6 Or32  
9099 PRINGLE, E. S. Your Mexican hired hand. *Dakota Farmer* 65(13): 5. July 7, 1945. 6 D14  
9100 \*SEMINOV, A. Uspekhi mnogotraslevogo khoz'istva. *Kolkhoz. Proizvod.*, No. 11/12, p. 21-24. Nov./Dec. 1944. 281.8 K83  
Distribution of labor on the collective farm "im. Molotova" in the Altai region.  
9101 TAEUBER, C. Farm wage statistics for a full employment program. *Amer. Statis. Assoc. J.* 40: 234-235. June 1945. 251 Am3  
9102 TORNEY, J. L. Keeping the help on farms. *Shorthorn World* 30(6): 3-4, 23-25. May 25, 1945. 43.8 Sh8

#### AGRICULTURE - SITUATION, POLICIES, AND PROGRAMS

- 9103 ADAIR, W. Impressions of the Dominions. *Farming News and North Brit. Agr.* 97(22): 3. May 25, 1945. 10 N82  
Agriculture.  
9104 ARGUELLO, P. Por fin sera canalizado el Río Chucua, en el Valle de Nemocón. *Rev. Nac. de Agr. (Bogotá)* 38(486): 35-36. Feb. 1945. 9.4 R32  
First of a series of interviews. This takes up some of the agricultural problems of the area.  
9105 ARMITAGE, C. C. Our future peace and welfare depend on sensible food front policy [Australia]. *Farmer and Settler* 40(15): 18. May 11, 1945. 23 F226  
9106 BARCLAY, H. Report on Europe's war-torn agriculture. *Better Farms* 6(3): 3, 16. July 1, 1945. 6 B462  
9107 \*BARTZ, F. Die Albuten. *Gesell. f. Erdk. Berlin. Z.*, No. 5/6, p. 198-219. Oct. 1943. 474 B45  
A brief description is given of agriculture.  
9108 \*BELLÓN GÓMEZ, I. Summary of the procedure and precedents set by the Supreme Court of Spain on agricultural questions. *Internatl. Inst. Agr. Internatl. B. Agr. Law* 4: 206-237. 1943. 14.918 In82B  
9109 \*BONNAFOUS, M. Discours. *Acad. d'Agr. de France. Compt. Rend.* 29: 311-319. 1943. 14 P215Bc  
Survey of the developments in French agriculture.  
9110 CAIROL GARRIDO, F. La agricultura y el nuevo Gobierno. *Cuba. Min. de Agr. Rev.* 27(28): 3-7. Nov./Dec. 1944. 8 Ag88Re



- 9111 CASTAGNET, A. D. Reformas al código rural. Argentina. Dir. de Ganad. B. de Ganad. 1(4/5): 61-68. Jan./Feb. 1945. 49 B86
- 9112 CLEMONS, G. M. Observations in England. Marit. Farmer and Co-op. Dairyman 50(18): 10. June 19, 1945. 7 C77
- Developments in agriculture.
- 9113 COLLAZO, A. El ejemplo de México. Labrador 1(18): 4-5. Sept. 30, 1944. 9.9 L11
- Mexico's agricultural program under the Six Year Plan.
- 9114 COLLINS, G. P., and others. The agricultural situation. Okla. Agr. Expt. Sta. Current Farm Econ. 18: 41-56. June 1945. 100 Ok4
- Contents: General: Prices, demand, credit and the farm land market, by G. P. Collins; Crops: Wheat, by A. L. Larson; Cotton, by J. D. Campbell; Feed, by P. Nelson; Livestock and livestock products: Beef cattle, by A. W. Jacob; Dairy, by R. T. Klemme; Poultry, by K. C. Davis; Sheep, lambs, and wool, by C. H. Little; Hogs, by G. K. Terpenning.
- 9115 DOOMAN, E. H., BORTON, H., and COVILLE, C. Formosa. U. S. Dept. State. B. 12: 1018-1023. June 3, 1945. 150 B87
- Includes agriculture.
- 9116 \*DUBEY, D. S. The place of agriculture in the proposed plans. Indian J. Econ. 25: 551-556. Apr. 1945. 280.8 In22
- 9117 DUQUE, J. P. Orientación agrícola. Rev. Cafetal. de Guatemala 1(4/5): 20-21. Mar./Apr. 1945. 68.28 R322
- Agricultural policy.
- 9118 EZEKIEL, M. Agriculture and industry in the postwar South. Mod. Farmer 18(5): 1, 2. June 15, 1945. 6 M725
- 9119 FLOOD, F. Britain makes every acre count; food problem most serious on Continent. Ohio Farmer 196(1): 5, 15. July 7, 1945. 6 Oh3
- 9120 FLOOD, F. A. How the wreckage looks. Mo. Ruralist 86(11): 5. June 9, 1945. 6 R8891
- Includes discussion of food and farming conditions in Europe.
- 9121 FRASER, H. A. "Some points of interest about the Northern Territory." Hawkesbury Agr. Col. J. 42: 8, 22-23, 37-38. (To be cont.) \*Jan. 31, Feb. 28, Mar. 31, 1945. 276.8 H31
- General discussion of agricultural conditions.
- 9122 \*CAROGLIO, P. G. Aspetti dell'agricoltura romana; considerazioni dopo un viaggio di studio. Ital. Agr. 80: 309-312. June 1943. 16 It1
- 9123 \*CNAIGI, H. Agricultural law in Switzerland. Internatl. Inst. Agr. Internatl. B. Agr. Law 4: 150-192. 1943. 14.818 In2B
- 9124 GROSS, O. Facts about Roumania's agriculture. Gt. Brit. and East 61(1747, Near and Middle East Issue): 83-85. May 1945. 286.8 N27
- 9125 \*GUÉBRIANT, DE. La production agricole végétale dans le Finistère en 1942. Acad. d'Agr. de France. Compt. Rend. 29: 185-186. 1943. 14 P215Bc
- A survey of the situation.
- 9126 ICELANDIC farming is different; the farms are generally large, with much meadow land. Country Guide 64(6): 55. June 1945. 7 G76
- 9127 ILLANES A., F. Destacado lugar del "Norte Chico" en la producción agrícola de Chile. Campesino [Santiago, Chile, 77: 185. Apr. 1945. 9.3 Sol2
- 9128 JAMISON, H. Ulster agriculture. N. F. U. Rec. 23: 175-176. June 1945. 281.8 N21
- 9129 \*K., J. Ein fruchtbares Jahr. Schweiz. Bauernztg. 44: 38-39. Oct. 1944. 280.28 Sch93
- 1944 crop prospects in Switzerland.
- 9130 \*LAPTEV, I. Kolkhoznoe sel'skoe khoziaistvo v usloviakh Otechestvennoy voyny. Socialist. Sel'sk. Khoz. 15(11/12): 15-34. Nov./Dec. 1944. 281.8 So73
- Agriculture in wartime.
- 9131 LASERIE, E. Un necesaria coordinación agrícola en el país [Cuba]. Tierra Libre 9(5): 16-17. May 1945. 8 T443
- 9132 LEE, A. Reconocimiento de los recursos y posibilidades agrícolas de la Republica Dominicana. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 35: 223-236. (To be cont.) Nov./Dec. 1944. 8 R323
- Geography and climate.
- 9133 \*LOBANOV, P. Sovkhozy - frontu. Sovkhoz. Proizvod. 4(10/11): 10-12. Oct./Nov. 1944. 20 So85
- Summary of the achievements in production on the reconstructed State farms at the time of the 27th anniversary of the October revolution.
- 9134 MCCOLL, E. L. Conditions in Northern Ireland in 1944. Canada. Dept. Trade and Com. Com. Intel. J. 72: 517-519. June 16, 1945. 286.8 C16
- Includes developments in agriculture.
- 9135 MCCRAY, F. A. What does the future hold for farmers? East. Milk Prod. 21(9): 7. May 1, 1945. 280.28 Sh3
- 9136 MCNELLY, C. L. Every man does his part. Ext. Serv. Rev. 16: 82-83. June 1945. 1 Ex892Ex
- Food production planning in Minnesota.
- 9137 \*MALHOTRA, P. C., and AGARWALA, A. N. Agriculture in the industrialists' plan. Indian J. Econ. 25: 502-510. Apr. 1945. 280.8 In22
- 9138 MARVICH, S. Agriculture in the far North. Saskatchewan Farmer 36(13, Mag. Sect.): 5. July 2, 1945. 7 Sa74
- The Arctic regions.
- 9139 \*MAYER, K. La ricostruzione agraria nei nuovi territori orientali del Reich. Ital. Agr. 78: 747-760. Nov. 1941. 16 It1
- 9140 MILLER, F. F. The Ryukyu, Izu, and Bonin Islands. Foreign Com. Weekly 19(13): 8-11, 42. June 23, 1945. 157.54 F763
- Agriculture is the chief means of livelihood.
- 9141 MULLETT, H. A. Recent progress in Australian agriculture. Victoria. Dept. Agr. J. 43: 145-149. Apr. 1945. 23 V66J
- 9142 NEW, I. Korea's policy towards other nations. Korea Econ. Digest 2: 147-151. July 1945. 280.2 KB4
- Includes agricultural programs.
- 9143 NICARAGUA. Managua. Cam. Nac. de Com. e Indus. B. (ser. 3) 10(114): 37-40. Feb. 1945. 287 M316
- Based on a report by J. B. Smith.
- Includes the situation in agriculture.
- 9144 \*P., O. Un piano decennale per l'agricoltura germanica. Ital. Agr. 78: 201-204. Mar. 1941. 16 It1
- 9145 \*PARESCHI, C. L'agricoltura e la guerra. Ital. Agr. 79: 61-69. Feb. 1942. 16 It1
- 9146 PHILLIPS, J. Farmers and Federal controls. California 35(6): 13, 34. June 1945. 280.8 C12
- 9147 PLAN Agrario Nacional de Chile. Vida Agr. 22: 231, 233, 235, 237, 239, 241-244. Mar. 1945. 9.8 V66
- 9148 UN PLAN d'action rurale au Maroc. Intransigeant Maroc. 6(210): 1, 4. May 4, 1945. 280.8 In89
- 9149 PLAN DE fomento inmediato formulado por el Ministerio de Economía. Ecuador. Primera Zona. Cam. de Agr. Rev. 7: 73-111. Feb. 1945. 9.5 Ec96
- An agricultural program.
- 9150 POLITICAL parties outline farm programs [Canada]. Farm and Ranch Rev. 41(6): 4, 11. June 1945. 7 F223
- Includes Liberals, by Prime Minister Mackenzie King; Progressive Conservatives, by J. Bracken; Co-operative Commonwealth Federation, by M. J. Coldwell; and Social Credit, by S. Low.
- 9151 PURCHAS, F. H. Landowners and agricultural reorganization [Great Britain]. Estate Mag. 45: 113-117. May 1945. 10 Es8



9152 \*PUTZOLU, A. La nuova disciplina giuridica dell'impresa e dei rapporti agrari alla luce delle idee della Rivoluzione. Ital. Agr. 79: 619-631. Dec. 1942. 16 Itl

9153 RANGER, L. Le problème agricole ontarien. Terre de Chez Nous 17(35): 15; (36): 16. June 6, 13, 1945. 7 T27

9154 \*RAZOUS, P. L'essor de l'agriculture dans la France métropolitaine; le retour à la terre et le corporatisme agricole. (Sum.) Genie Civil 17: 29-32. Jan. 18/23, 1941. 290.8 G29

9155 RENDÓN V., A. Plan agrícola en el Llano [Colombia]. Vida Rural 6(69): 14-15. Apr. 1945. 9.4 V66

9156 \*RISUEÑO, A. Posibilidades de fomento de la agricultura manchega. Surco [Madrid] 4(36): 7-9. Feb. 1945. 15 Su7

9157 RYAN, J. Final tillage appeal. Irish Agr. and Creamery Rev. (n. s.) 14(136): 7. Apr. 1945. 44.8 C866

On the need for continued effort to maintain maximum agricultural production.

9158 \*SAKOFF, A. Notes upon the common law in some countries. Internatl. Inst. Agr. Internatl. B. Agr. Law 4: 237-250. 1943. 14.818 In82B

Rural law.

9159 SCHOTTROFF, R. P. The Uruguay River Basin. Agr. in the Americas 5: 120, 117. June 1945. 1 F752A

Includes the agriculture of the basin.

9160 SETHI, D. R. Technological possibilities of agriculture. Indian Inform. 16: 121-124. Feb. 1, 1945. 280.8 In25

9161 SMYTH, C. B. What about the future? Farm Mach. and Farm Equip., June 1945, p. 13, 38-39. 58.8 F225

Agricultural prospects.

9162 \*TASSINARI, G. I compiti fondamentali dell'agricoltura. Ital. Agr. 78: 741-745. Nov. 1941. 16 Itl

9163 \*TROLL, C. Die stellung der indianer-hochkulturen im landschaftsaufbau der tropischen Anden. Gesell. f. Erbk. Berlin. Z., No. 3/4, p. 93-128. Sept. 1943. 474 B45

Agriculture is included.

9164 VILJOEN, P. R. A review of the agricultural industry; report of the Department of Agriculture and Forestry for the year ended 31 August 1944. Farming in So. Africa 20: 131-193. Mar. 1945. 24 So842

9165 WRIGHT, P. H. Saskatchewan's problem: adjustment to peace. Saskatchewan Farmer 36(11): 19. June 1, 1945. 7 Sa74

The agricultural outlook.

#### Agriculture, Postwar

9166 ADAIR, W. The post-war farming outlook [in Great Britain]; price-levels and subsidy withdrawals. Farming News and North Brit. Agr. 97(21): 3. May 18, 1945. 10 N82

9167 \*PAVLOVSKY, G. An outline of the basic problems of post-war agricultural reconstruction. Internatl. Inst. Agr. Internatl. Rev. Agr. 35: 119E-184E. July/Aug. 1944. 241 In82A

Includes the problem of population and the systems of land utilization.

9168 \*RUDRA, S. K. Post-war Indian economic development. Indian J. Econ. 25: 423-435. Apr. 1945. 280.8 In22

Suggests improvements in agriculture.

#### Subsidies

9169 ADAIR, W. First cut in food subsidies; potato tonnage bounty ceases [Scotland]. Farming News and North Brit. Agr. 97(23): 3. June 1, 1945. 10 N82

9170 SUMBERG, T. A. Menace of export subsidies. Harvard Business Rev. 23: 420-432. Summer 1945. 280.8 H262

#### COST AND STANDARD OF LIVING

9171 DICKINS, D. Increase in prices of goods for farm family living greatest in the South. Miss. Farm Res. [Miss. Sta.] 8(5): 1, 8. May 1945. 100 M69M1

9172 \*HYDER, L. K. Presidential address. Indian J. Econ. 25: 614-625. Apr. 1945. 280.8 In22  
Address before the Indian Economic Association dealing chiefly with standard of living.

#### FARM MANAGEMENT AND LAND ECONOMICS

9173 BELSKY, A. S. Farming in Russia; experiences pooled for higher yields. Scot. Farmer 53: 645. May 26, 1945. 10 Sco8

9174 BLACK, J. J. Secrets of smallholding success. Field 185: 415. Apr. 28, 1945. 10 F45

9175 BLACKWELL, H. L. So you want to become a poultry farmer? Mod. Poultry Keeping 52: 338-339, 356-357. May 9, 16, 1945. 47.8 Eg3

Installment 2 entitled: A Slow Beginning Will Help to Avoid a Quick Fall.

9176 BLAKE, G. A. Farming a small holding in Hawke's Bay. New Zeal. J. Agr. 70: 379-381. Apr. 16, 1945. 23 N48J

9177 BOSMAN, G. J. Successful farming depends on many factors. Farmer [Pietermaritzburg] 34(20): 6. May 18, 1945. 24 F227

9178 BRONDO WHITT, G. La administración rural aplicada a pequeñas propiedades agrícolas. IV-V. Fomento [monthly] 2(16): 7, 13-14; (17): 9-10, 22. Feb.-Mar. 1945. 8 F734

9179 BUSTAMANTE, G. Consejos al agricultor. Ecuador. Primera Zona. Cám. de Agr. Rev. 7: 116-118. Feb. 1945. 9.5 Ec96

9180 DAVIES, J. E. Studies in farm management: a South Taranaki dairy farm. New Zeal. J. Agr. 70: 345-347, 349-354. Apr. 16, 1945. 23 N48J

9181 \*DEMOLON, A. Le progrès technique en agriculture. Acad. d'Agr. de France. Compt. Rend. 29: 295-300. 1943. 14 P215Bc

9182 EASTMAN, E. R. The family-sized farm will live on. Amer. Agr. 142: 261, 273. June 16, 1945. 6 Am3

9183 \*FAMULARO, N. Sugli effetti giuridici del catasto. Ital. Agr. 78: 361-368. May 1941. 16 Itl

9184 FRY, H. S. Want to buy a family farm [Canada]? Country Guide 64(6): 10, 27-28. June 1945. 7 G76

9185 GAMACHE, D. My experiences with co-operative farming. Alberta Farmers' Union. A. F. U. B. 5(6): 12-13. June 1945. 281.9 AL12

9186 GATEWOOD, A. J. Sugar beets kept me going: a story of how good management paid for another farm. Through the Leaves 33(3): 14-16. May/June 1945. 66.8 T41

9187 GREGORY, H. A. C. The human factor in dairy farm management. Farmers Weekly [London], 22(22): 28, 29. June 1, 1945. 10 F2226

9188 \*GRINOVERO, C. L'azienda agraria di Torviscosa. Ital. Agr. 78: 699-708. Oct. 1941. 16 Itl

9189 HURST, F. J. Two outstanding farmers - both land builders. Prog. Farmer, Miss.-Ark.-La. Ed. 60(7): 12, 45. July 1945. 6 So81  
management of the Kleinpeter farm in East Baton Rouge Parish, La., and the Harrison farm in Florence, Miss.

9190 JOLLY, A. L. Peasant farming in the Bejucal area of Trinidad. Trop. Agr. [Trinidad] 22: 83-88. May 1945. 26 T754

9191 KAY, O. K. Co-operative farming (without politics). Saskatchewan Farmer 36(11): 1. June 1, 1945. 7 Sa74

9192 KHUDYAKOVA, M. Flax growing collective farm. Saskatchewan Farmer 36(11): 13. June 1, 1945. 7 Sa74

Organization of a Russian farm.



9193 \*KOLKHOZNYĭ stroĭ s chest'iu vyderzhal ispytaniia voĭny. Kolkhoz. Proizvod., No. 11/12, p. 13-16. Nov./Dec. 1944. 281.8 K83

The collective farms, the machine-tractor stations, and the State farms are responsible for the outstanding achievements in agriculture.

9194 \*KULIKOV, G. Odnā iz luchshikh MTF. Kolkhoz. Proizvod., No. 11/12, p. 30-32. Nov./Dec. 1944. 281.8 K83

Management of a dairy farm in the kolkhoz "Bor ba za kommunu" in the Moscow region.

9195 LACEY, J. Grass and livestock. Nation's Agr. 20(6): 4, 11, 13. June 1945. 280.82 B89

Organization and management of the Shelby County Penal Farm, near Memphis, Tenn.

9196 LLOYD, E. W. Shall we return to normal farming [Great Britain]? Field 185: 449. May 5, 1945. 10 F45

9197 MACE, G. C. Play for safety with small-holdings; part-time holdings... should not be allowed to develop singly and uncontrolled - if we wish to avoid the criticism of misuse of land. Poultry Farmer [London] 112(2917): 3. May 18, 1945. 47.8 F312

9198 MCNEELY, M. Farmer Jones rice farm wins a battle. Rice J. 48(5): 27-28. May 1945. 59.8 R36

9199 \*MALHOTRA, P. C. Agricultural possibilities in India. Indian J. Econ. 25: 556-560. Apr. 1945. 280.8 In22

Comment on the report "Technological Possibilities of Agricultural Development" by W. Burns.

9200 MANSFIELD, W. S. Old saws and modern knowledge - II. Country Life [London] 97: 810-811. May 11, 1945. 80 C83

9201 \*MARIANI, M. Il contributo della scienza e della tecnica agraria al potenziamento della nazione in pace e in guerra. Nuovi Ann. dell'Agr. 22: 101-112. Sept./Dec. 1942. 16 N92

9202 \*MAZZOCCHI-ALEMANNI, N. Il più efficiente strumento di una rivoluzione rurale: l'equo rapporto di lavoro. Ital. Agr. 78: 495-498. July 1941. 16 It1

On the colonization of the latifundia.

9203 PHILLIPS, H. Farming future is all in favour of our smallholders. Smallholder 73(1837): 10-11. June 1, 1945. 10 Sml

9204 ROBINSON, B. D. What the Georgia Better Farms Corporations are doing. Farm for Victory, No. 18, p. 14-15. June 1945. 281.8 F226

9205 ROY, K. B. Alabama's cotton-hog plan doubles farm cash income. Farm for Victory, No. 18, 7. June 1945. 281.8 F226

Management of farm operated by the Alabama Agricultural Experiment Station.

9206 \*SEDLÁČEK, J. The evolution of legislation relating to peasant holdings in Bohemia and Moravia since the second half of the XVIIIth century. Internatl. Inst. Agr. Internatl. B. Agr. Law 4: 193-206. 1943. L4.818 In82B

9207 \*SOMMERFELD, K. Erfahrungsaustausch - grossbetriebsberatung. Mitt. f. die Landw. 59: 595-596. July 1, 1944. 18 D48M

9208 STOLTZ, E. H. Started on a shoe string; nine years ago Lawrence Kerr bought 140 acres on credit [in Ontario] - to-day he successfully operates 440 productive acres. Farmer's Mag. 42(6): 11, 58-59. June 1945. 7 C165

9209 T., K. C. Law and custom relating to common and waste land. Estate Mag. 45: 131-132. May 1945. 10 Es8  
Great Britain.

9210 TEJEDA, L. A. Caracteres de la buena organización de una finca. Guatemala. Dir. Gen. de Agr. Agr. Rev. (ser. 2) 1: 227-228. Feb. 1945. 8 G934

9211 \*TERMER, F. Die ethnischen Grundlagen der politischen Geographie von Mittelamerika. Gesell. f. Erdk. Berlin. Z., No. 3/4, p. 148-171. Sept. 1943. 474 B45

Forms of village settlement and land tenure are described.

9212 \*TOREKY, G. DE. The evolution of Hungarian land law. Internatl. Inst. Agr. Internatl. B. Agr. Law 4: 139-149. 1943. L4.818 In82B

9213 \*TSVETOV, I. A. Kolkhoz - rodina heroev [A collective farm - the birthplace of heroes]. Kolkhoz. Proizvod., No. 11/12, p. 17-18. Nov./Dec. 1944. 281.8 K83

Description of the prewar collective farms of the village Bobrava, in the Kursk region, and their efforts during the war.

9214 \*VAN AARTSEN, J. P. Land classification in relation to its agricultural value: a review of systems applied. Internatl. Inst. Agr. Internatl. Rev. Agr. 35: 79S-98S. (To be cont.) July/Aug. 1944. 241 In82A

9215 VAN DYK, C. J. A farming demonstration for crop production in western Transvaal. Farming in So. Africa 20: 207-214, 238. Apr. 1945. 24 So842  
Demonstration of a system of farming.

9216 VINE, V. Good farms are cheapest. Farm J. and Farmer's Wife 69(7): 15-16. July 1945. 6 F2212

On the conclusions of O. H. Maughan, based on analysis of 11,000 Land Bank loans in Montana, Idaho, and Washington.

9217 WEGENER, V. E. A plea for better farming. So. Austral. Dept. Agr. J. 48: 392-393. Apr. 1945. 23 So84

9218 ZIMMERMAN, A. F. The land policy of Argentina, with particular reference to the conquest of the southern Pampas. Hispanic Amer. Hist. Rev. 25(1): 3-26. Feb. 1945. 134.8 H62

#### Bookkeeping and Records

9219 GARST, W. This check helps farmers keep books. Bankers Monthly 62: 255. June 1945. 284.8 B223

#### Cost of Production

9220 ARMSTRONG, G. C. Milk production costs in wartime England. Rural Bank N. S. Wales. Farm Front 3: 58-62, processed. Apr. 1945. 281.9 R883

9221 ASHE, H. J. Golden State [Company Ltd., of California] illustrates where milk money goes. Dairy World [Chicago] 24(1): 16-17, 63. June 1945. 44.8 D1423

Profits of dairy companies in wartime.

9222 BATEMAN, G. Q., and PACKER, J. E. Irrigated pastures produce large amounts of milk economically and show a high cash return per acre. Farm & Home Sci. [Utah Sta.] 6(2): 10-11. June 1945. 100 Ut1F

9223 HAYS, L. Money grows on tomato vines; Hopkins County farmer sells \$1,650 worth of tomatoes from 60 cents worth of seed. East. Tex. 19(10): 6. July 1945. 6 Ea73

9224 HORTON, D. H. Straight-run chicks for lower cost pullets. Cackle and Crow 27(8): 7. June 1945. 47.8 C11

Costs and returns.

9225 HUNT, R. Priming burley tobacco. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(7): 13, 47. July 1945. 6 P945K

Returns on primed tobacco.

9226 MAESTRI, R. El ejemplo de Baragua. Labor 4(85): 7. May 18, 1945. 8 L11

Shows how irrigation increased profits on sugarcane production at the Central Baragua in Cuba.

#### Land Settlement and Colonization

9227 ANCIZAR, E. Colonización. Rev. Nac. de Agr. [Bogotá] 38(486): 39-40. Feb. 1945. 9.4 R32

Large-scale colonization as a means of developing agriculture.



9228 ARSENAULT, A. De nouvelles terres pour les jeunes ruraux; l'établissement de nos jeunes. Terre de Chez Nous 17(36): 14. June 13, 1945. 7 T27 Quebec.

9229 BRADFORD, H. Farms for ex-servicemen [Canada] - 1945 style; experience is necessary for success. Farm and Ranch Rev. 41(6): 18, 21, 38. June 1945. 7 F223

9230 BRAZELTON, J. S. Organize to find jobs. Kans. Farmer 82(1): 12. Jan. 6, 1945. 6 K13

Agricultural advisory committees set up to advise returning veterans interested in farming.

9231 CALDERÓN BUENDÍA, C. La colonización de Leticia [Colombia]. Vida Rural 6(69): 34-35. Apr. 1945. 9.4 V66

9232 \*CAPONI, U. La colonizzazione nel Ferrarese. Ital. Agr. 78: 389-401. May 1941. 16 It1

9233 DUGGAN, I. W. Security in farm ownership. South. Banker 84(6): 23, 44. June 1945. 284.8 So8

Advice to veterans who plan to purchase a farm.

9234 GILMAN, W. Colonists for Alaska. Yale Rev. 34: 666-682. June 1945. 280.8 Y1

9235 GRANGE, C. Servicemen will not be "put off." Smallholder 73(1834): 10. May 11, 1945. 10 Sml

Suggests a program for those entering poultry farming in Great Britain.

9236 \*HALPERIN, A. Impressions from a tour in the settlement of southern Palestine. (In Hebrew.) Hassadeh 25: 260-262. May 1945. 26 H27

9237 HART, V. B. War veterans want land. N. Y. Agr. Col. (Cornell) Farm Econ., No. 145, p. 3718-3720. Apr. 1945. 280.8 C812

9238 HUTCHINSON, C. E. Problems of the veteran returning to a subsistence-farm area. Wash. State Col. Res. Studies 13(1): 33-38. Mar. 1945. 500 W279

New Mexico.

9239 ISAZA M., J. M. Plan de colonización de Uraba [Colombia]. B. Agr. [Medellín], No. 307, p. 2398-2415. Feb. 1945. 9.4 Sol

9240 \*KARNI, J. Milestones in settlement; pioneering in the Negeb; hill reclamation. Palestine and Middle East 17: 54-55. Mar. 1945. 286.8 P172

9241 MILLER, E. V. Tipos de tierras agrícolas adecuadas para la colonización en el Ecuador. Ecuador. Primera Zona. Cam. de Agr. Rev. 7: 119-124. Feb. 1945. 9.5 Ec96

9242 NEWTON-WHITE, E. War veterans and vacant farms [Canada]. Farmer's Mag. 42(6): 43-45. June 1945. 7 C165

9243 \*PERINI, D. La colonizzazione agraria nei nuovi territori orientali annessi al Reich. Nuovi Ann. dell'Agr. 22: 113-121. Sept./Dec. 1942. 16 N92

9244 TURNER, R. M. Will G. I. Joe get a good farm? Extension advisory group set up to assist veterans. Washcoegg 23(1): 13-14. June 1945. 47.8 W27

#### Land Tenure

9245 BRIGGS, F. A. It's time to revise our land tenure practices. Farm and Ranch 64(7): 1, 21. July 1945. 6 T31

9246 BUCCLEUCH, DUKE OF. Landownership. Scot. Farmer 53: 686. June 9, 1945. 10 Sco8  
The duties of landowners.

9247 \*GERMANI, P. L'affitto a coltivatori diretti nel nuovo Codice Civile. Ital. Agr. 80: 241-244. May 1943. 16 It1

9248 \*MAHAJAN, Y. S. Khoti and Talukdari tenures in Bombay Province. Bombay Co-op. Q. 28: 131-140. Sept. 1944. 280.28 B63

9249 \*MORICI, F. Le promiscuità private in Sicilia. Ital. Agr. 78: 105-109. Feb. 1941. 16 It1  
A type of land tenure.

9250 \*MORICI, F. Sull'art. 146 del "Libro della proprietà" (il problema della superficie delle piantagioni). Ital. Agr. 79: 25-32. Jan. 1942. 16 It1

A problem of tenure under which trees are owned separately from the land on which they grow.

9251 PURCHAS, F. H. "Let's face the future" - and some historic facts. Estate Mag. 45: 141-145. June 1945. 10 Es8

How Socialism would affect the land in Great Britain.

9252 ROBERTSON, H. M. A further note on early land tenure at the Cape. So. African J. Econ. 12: 144-146. June 1944. 280.8 So83

9253 STRATTON, D. Tenure of agricultural land in Scotland. Scot. Farmer 53: 626, 646, 666. May 19-June 2, 1945. 10 Sco8

9254 TANNER, N. E. New grazing rental policy. Canad. Cattleman 7: 108-109. Dec. 1944. 49 C16

9255 WRIGHT, A. The farmers rebelled; story of the anti-rent wars in New York State. Farmers Defender 4(6): 8-10. July 1945. 280.28 F227

#### Land Utilization

9256 \*GALLETTI, R. Making sense of land utilization figures. Indian J. Econ. 25: 465-491. Apr. 1945. 280.8 In22

9257 ROBINSON, J. L. Land use possibilities in Mackenzie District, N. W. T. Canad. Geog. J. 31 (1): 30-47. July 1945. 470 C162

Includes discussion of agriculture and food imports

9258 T., K. C. The Town and Country Planning Act, 1944. IV. Compensation. Estate Mag. 45: 124-126. May 1945. 10 Es8

9259 TIMMONS, J. F. Equalizing the earth's bounties. Free World 9 (4): 77-80. Apr. 1945. 280.8 F87

Use of land resources on a world-wide basis.

9260 YOUNG, M. L. Holding back the desert. Family Herald and Weekly Star 76(25): 3-4. June 20, 1945. 7 F21

Crop production and land use policy for Canada.

#### Land Values and Valuation

9261 CRONIN, M. J. State ownership of incremental value attributable to public works. Valuer 8: 218-223. Apr. 1, 1945. 282.8 V24

Particular reference to increment in rural land values through water storage and irrigation works for New South Wales.

9262 LASSETTER, W. C. Beware of inflated land values. Prog. Farmer, Miss.-Ark.-La. Ed. 60(7): 5. July 1945. 6 So81

9263 MARTIN, A. S. A by-path in valuation. Valuer 8: 226-228. Apr. 1, 1945. 282.8 V24  
Rural valuation in South Australia.

9264 SAMPLE, G. W. Indiana farmers are worried about land price inflation. Hoosier Farmer 30(6): 30. June 1945. 280.82 H76

#### POPULATION

9265 \*BG. Zum geburtenrückgang in der landwirtschaft. Schweiz. Bauernztg. 44: 39-40. Oct. 1944. 280.28 Sch93

9266 \*BECKERICH, A. L'immigration agricole étrangère en 1942. Acad. d'Agr. de France. Compt. Rend. 29: 29-34. 1943. 14 P215Bc

Includes wages.

9267 BORRICAND. Étude sur la nomadisation en Mauritanie. Intransigent Maroc. 6(210): 3. (Concl.) May 4, 1945. 280.8 In89

9268 LORIMER, F. Population trends in the Orient. Foreign Affairs 23: 668-674. July 1945. 280.8 F76

Includes food and agriculture.

9269 LUNA VEGAS, R. Metodos de los censos de población de las naciones americanas; estudio preliminar para el proyectado censo continental de 1950. Estadística 3(9): 7-133. Mar. 1945. Ref., p. 119-133. 251.8 Es8

Classification of population as urban and rural, p. 69-73.



9270 MAHEUX, A. Gerbes et glamures. B. des Agr. 41(6): 15-16. June 1945. 7 B872

Composition of the rural population in Quebec.

9271 MOOR, W. ST. C. A constructive native policy - (3) Semi-autonomous townships for urban natives? Farmer [Pietermaritzburg] 34(12): 9. Mar. 23, 1945. 24 F227

The townships to be provided near urban centers for surplus rural population.

9272 PALAVICINI, F. F. Origen y composición del pueblo argentino. Soc. de Geog. y Estadís. de la Repúb. Mex. B. 60(1): 165-179. Jan./Feb. 1945. 516 M57B

9273 RESTREPO, R. L. Colonización e inmigración. B. Agr. [Medellín], No. 307, p. 2416-2419. (Concl.) Feb. 1945. 9.4 Sol

9274 U. S. BUREAU OF THE CENSUS. Net movement away from farms in the United States, by age and sex: 1940 to 1944. U. S. Bur. Census. Ser. Census-BAE, No. 4, 1 p. Washington, 1945. 157.41 Se62

#### RURAL SOCIAL ORGANIZATION

9275 GALPIN, C. J. My philosophy of rural life. Christian Rural Fellowship B. 101, 6 p., processed. New York, 1945. 281.29 C46

#### Human Ecology

9276 FOSCUE, E. J. Gatlinburg: a mountain community. Econ. Geog. 21: 192-205. July 1945. 278.8 Ec7

Includes sections on the physical setting, exploration and settlement, the logging and lumbering industry, and the Pi Beta Phi settlement school.

9277 IN SEARCH of the regional balance of America. Social Forces, v. 23, No. 3, p. 245-404. Mar. 1945. 280.8 J823

Contents: Pt. I. From empirical studies to regionalism includes: From community studies to regionalism; The way of the South; The regional quality and balance of America, by H. W. Odum; The regional laboratory for social research and planning; Two decades of social forces, by K. Jocher, and Toward regional documentation. Pt. II. On regional analysis and interpretation includes: The place of planning in social dynamics, by R. B. Vance; Ideologies of the South in transition, by W. F. Ogburn; Social changes and their effects on race relations in the South, by C. S. Johnson; Research and regional development, by E. W. Williams; Sociology and sociological research in the South, by E. T. Thompson; Southern children and family security, by T. J. Wooster; A Northerner views the South, by R. Landes; A demographic study of the American Negro, by T. L. Smith; Organization for regional planning, by C. E. Fritchett; Regionally planning the Far East, by E. Green and C. Handy.

9278 \*OREN, A. The development and prospects of the Jewish "Fishermen's Village." (In Hebrew.) Hassadeh 25: 288-289. May 1945. 26 H27

#### Institutions

9279 \*AGARWAL, A. N. The case for cottage industries in planned economy. Indian J. Econ. 25: 545-551. Apr. 1945. 280.8 In22

9280 AMARGOS, J. L. Un tipo que debiera ser maestro agrícola (o los maestros agrícolas debieran ser de este tipo). Agronomía [Havana] 5: 93-95. May 1945. 8 C893

9281 \*BARAEVA, L. Kolkhoznaia biblioteka-chital'nia [Collective farm library reading room]. Kolkhoz. Proizvod., No. 11/12, p. 26. Nov./Dec. 1944. 281.8 K83

9282 BELL, L. P. The farm child's advantage. Family Herald and Weekly Star 76(24): 38. June 13, 1945. 7 F21

9283 BOORD, K. R. Farmers need social security, too. Country Book Mag. 5(1): 93-95. Summer 1945. 6 C836

9284 C., A. Muerte y desamparo en nuestra campaña. Labrador 1(24): 2. Dec. 27, 1944. 9.9 L11  
Rural health in Uruguay.

9285 CHANDRASEKHAR, S. The Indian community in the United States. Far East. Survey 14: 147-149. June 6, 1945. 280.9 In782

British Indians on the Pacific Coast and their farming activities and life.

9286 CLARK, F. O. Farm institutes in Korea. Korea Econ. Digest 2: 160-162. July 1945. 280.8 KB4

9287 COOLEY, A. C. Extension work among Indians. U. S. Off. Indian Aff. Indians at Work 13(1): 2-5. May/June 1945. 156.5 In23

9288 COUTURE, C. E. La famille de colon idéale. Marit. Co-op. 13(7): 2; (8): 2; (9): 2; (10): 2. Apr. 2, 16, May 1, 15, 1945. 280.28 M33

9289 DECKER, B. E. Group projects provide farming opportunities. Agr. Ed. Mag. 18(1): 8-9. July 1945. 275.8 Ag8

Description of a group project for the production of certified seed potatoes at the high school in Edinboro, Pa.

9290 DUCK, J. Helping teachers to improve students' farming records. Agr. Ed. Mag. 18(1): 6. July 1945. 275.8 Ag8

9291 \*ETTINGER, A. "With Jewish farmers in our country." (In Hebrew.) Hassadeh 25: 245-246. Apr. 1945. 26 H27

9292 FISHBEIN, M. Farm health tomorrow. Successful Farming 43(7): 19, 28-31. July 1945. 6 Su12

9293 FOWLE, W. Applying Government services to local farms. Agr. Ed. Mag. 18(1): 5. July 1945. 275.8 Ag8

Problems of home farm used as basis for teaching students vocational agriculture.

9294 GREEN, P. L. Inter-American cooperation in agricultural education. Agr. in the Americas 5: 112-114. June 1945. 1 F752A

9295 \*GRIGOR'EV, M. Bol'she vnimanliā mezhrayonnyy kolkhoznym shkolem. Veterinariia 21(1): 7. Jan. 1944. 41.8 V6426

Plan for the reorganization of collective farm schools.

9296 GUEVARA WILLIAMS, L. Sanidad del hogar campesino. Honduras Agr. 1(8): 4. June 1, 1945. 8 H753

Thirteen rules of hygiene for the farm family. 9297 GUILD, J. D. Fairs new and old; present prosperity may look like easy money but fairs must prepare for new developments. Family Herald and Weekly Star 76(23): 7, 10. June 6, 1945. 7 F21

9298 \*H., P. C. Orientación profesional en el agro norteamericano. Surco [Madrid] 4(37): 4-5. Mar. 1945. 15 Su7

Education.

9299 HALL, W. F. A part-time farming community analyzed to meet the educational needs of nonfarm pupils. Agr. Ed. Mag. 18(1): 14-15. July 1945. 275.8 Ag8

9300 HILL, W. E. "Farm and Garden Shop." Family Herald and Weekly Star 76(23): 39. June 6, 1945. 7 F21

Ways for the rural woman to earn money.

9301 HOOEY, N. A word for rural teaching. Farmer's Mag. 42(6): 30. June 1945. 7 Cl65

9302 JULYAN, W. L. Whitsuntide revels. Field 185: 473. May 12, 1945. 10 F45  
Rural dances in Great Britain.

9303 KIRKPATRICK, K. A. "O. K. is the Blue Cross." Manitoba Co-op. 2(21): 7. June 1, 1945. 280.28 M31

The hospital service cooperative of the Minnesota Farm Bureau Federation.

9304 KLINEFELTER, H. E. Our disgraceful rural health problem. Mo. Farmer 37(12): 4. June 15, 1945. 6 M696

9305 LANGFORD-SMITH, N. Mass education and rural Africa. Colon. Rev. 4: 50-51. June 1945. 280.8 C71

9306 \*LEYVA Y ANDIA, J. DE. Religión y agricultura. Surco [Madrid] 4(36): 22. Feb. 1945. 15 Su7



9307 MCEVOY, J. P. A neighbor in a Mexican valley; Spencer Hatch's experimental demonstration training center in rural Mexico, though modest, points a way to raise living standards in other rural areas. Survey Graphic 34: 290-291, 301, 304. June 1945. 280.8 C37G

9308 MARTIN, B. F. The farm kitchen. Yale Rev. 34: 699-705. June 1945. 280.8 Y1  
Rural life.

9309 MAYO, S. C. Are the college-trained returning to our farms? Res. and Farming [N. C. Sta.], Prog. Rpt. 3(3): 6-7. Apr. 1945. 100 N81R

9310 MONTEPEQUE RAMÍREZ, J. Algo sobre Jornales. Mercurio (ser. 2) 3(189): 3. June 5, 1945. 280.8 M53

Social problem of the Indian laborer in Guatemala.

9311 MOSHER, A. T. Recent rural missions insights and principles. Christian Rural Fellowship B. 102, 8 p., processed. New York, 1945. 281.29 C46

9312 PEARSON, J. H. Agricultural education for veterans. Nation's Agr. 20(6): 6, 14. June 1945. 280.82 B89

9313 POLLUM, L. B. Summer and farming programs. Agr. Ed. Mag. 18(1): 13. July 1945. 275.8 Ag8

9314 PURKEY, D. R. "Blueprints" again. Agr. Ed. Mag. 18(1): 9, 13. July 1945. 275.8 Ag8  
Activities and responsibilities of a teacher of vocational agriculture.

9315 ROBERTS, H. W. Disadvantaging factors in the life of rural Virginia Negroes. Va. State Col. Negroes. Gaz., v. 51, No. 1, 58 p. Ettrick, 1945. Ref., p. 57-58. 276 V814

9316 RUSSELL, E. The public health nurse in action. Manitoba Co-op. 2(22): 7. June 15, 1945. 280.28 M31

Sixth of a series on the Manitoba Health Plan.

9317 SCHROEDER, E. Cherchez la femme. Grain & Feed Rev. 34(11): 22-23. July 1945. 286.28 C78  
Women in agriculture.

9318 SCHULTZ, I. Hospitalization under Manitoba Health Plan. Manitoba Co-op. 2(21): 5. June 1, 1945. 280.28 M31

Fifth of a series.

9319 SEYMOUR, O. J. Evaluating the work of teachers of agriculture. Agr. Ed. Mag. 18(1): 15. July 1945. 275.8 Ag8

9320 SHEPS, M. C. Saskatchewan plans health services. Canad. J. Pub. Health 36: 175-180. May 1945. 449.8 P964

The plan includes rural population.

9321 SOCIÉTÉS DE COLONISATION DE LA PROVINCE DE QUÉBEC. Le besoin de médecins dans les paroisses de colonisation. Terre de Chez Nous 17(35): 7. (Cont.) June 6, 1945. 7 T27

The third installment appears in Terre de Chez Nous 17(36): 14, June 13, 1945, with title: La véritable situation (Suite de l'enquête sur la médecine).

9322 VARGAS COTO, J. La Escuela Agrícola Panamericana; lo que significa para el porvenir de las naciones del continente. Costa Rica. Inst. de Defensa del Café. Rev. 15: 133-141. Mar. 1945. 68.28 C82

Includes an address by H. A. Wallace.

9323 WILCOX, B. No place like home. Farmer & Stock-Breeder 59: 818. May 22, 1945. 10 F228  
Keeping youth on the land.

9324 YALMAN, A. E. Village institutes in Turkey; an experiment in rural education. Colon. Rev. 4: 53-54. June 1945. 280.8 C71

#### Rural Organizations and Movements

9325 ADAIR, W. Scottish Y.F.C.s face new problems. Farming News and North Brit. Agr. 97(24): 3. June 8, 1945. 10 N82

The Young Farmers' Club movement.

9326 BENJAMIN, E. W. A farmer at the United Nations Conference for International Organization. Nulaid News 23(2): 4-5. May 1945. 47.8 N917

Relationship of farm cooperatives to the conference.

9327 BURTON, H. K. Tomorrow's men and women. U. S. Off. Indian Aff. Indians at Work 13(1): 25-26. May/June 1945. 156.5 In23

Work of the 4-H Clubs.

9328 CHANDLER, A. L. Those revolving funds; some growers are still puzzled by this means of cooperative financing. Citrus Leaves 25(6): 6-7. June 1945. 80 C492

9329 CLARK, L. Co-operation among horticulturists in Essex. N. F. U. Rec. 23: 172, 174. June 1945. 281.8 N21

9330 CONGRESO NACIONAL DE LAS COOPERATIVAS DE COLOMBIA, 2d. COMITÉ ORGANIZADOR. A las cooperativas y a los cooperadores de Colombia. Coop. Colomb. 4(43): 4, 6-8. Apr. 1945. 280.28 C7863

Includes agricultural cooperation.

9331 DIGBY, M. Co-operative development in Europe. Saskatchewan Farmer 36(13): 5. July 2, 1945. 7 Sa74

Includes agricultural cooperation.

9332 DUBÉ, A. La devise des Clubs 4-H. Conservation [Quebec] 2(7): 6-7. July 1945. 275.28 C763

9333 ECHENIQUE L., J. Graves consecuencias tendria la legislación sobre sindicatos agrícolas; la Sociedad Nacional de Agricultura hace una exposición sobre el proyecto que pende de la resolución del Gobierno. Campesino [Santiago, Chile] 77: 197-198. Apr. 1945. 9.3 Sol2

9334 ECHENIQUE L., J. "Todo Chile unido en un programa de colaboración." Campesino [Santiago, Chile] 77: 187-188. Apr. 1945. 9.3 Sol2

Work of the Sociedad Nacional de Agricultura.

9335 GONZÁLEZ, J. A., and BERNAL M., R. Asociaciones; organismos que las integran y jurisdicción. Mex. Dir. de Econ. Rural. B. Mens., No. 228, p. 344-355. May 1945. 254.5 Ag83

Agricultural associations in Mexico.

9336 \*GRAND, R. La nouvelle loi sur la corporation agricole. Acad. d'Agr. de France. Compt. Rend. 29: 36-41. 1943. 14 P215Bc

9337 GRAY, M. F. Marton Young Farmers' Club. New Zeal. J. Agr. 70: 428-429. Apr. 16, 1945. 23 N48J

9338 HEINKEL, F. V. Missouri co-ops and business. Coop. Digest 6(1): 55. July 1945. 280.28 C7896

9339 JONSSON, J. Co-operation in retrospect and prospect. VIII. Iceland. Rev. Internatl. Co-op. 38: 63-67. May 1945. 280.28 In8B

9340 \*KALE, V. G. Co-operative organisation to rescue Europe's devastated farms. Bombay Co-op. Q. 28: 179-181. Mar. 1945. 280.28 B63

9341 LEHNER, A. Capital in a co-op is an investment for the sake of service, not profit. Pa. Co-op. Rev. 12(5): 25-26. Apr. 1945. 280.28 F38

9342 LIRA LÓPEZ, S. Política de cooperativas agrícolas. Mex. Dir. de Econ. Rural. B. Mens., No. 228, p. 332-336. (Cont.) May 1945. 254.5 Ag83

9343 \*MEHTA, V. L. Co-operative and State effort in agricultural production. Bombay Co-op. Q. 28: 182-186. Mar. 1945. 280.28 B63

9344 \*MORONI, E. Le forze operanti della Federazione Italiana dei Consorzi Agrari. Ital. Agr. 79: 522-524. Oct. 1942. 16 It1

9345 MORTON, J. A. Success in cooperation. Agr. Ed. Mag. 18(1): 16-17. July 1945. 275.8 Ag8  
Program of the Barryton, Mich., chapter of Future Farmers of America.

9346 MUIR, R. Compulsory organisation; its application to farming and primary production in general. (Excerpts.) Empire Prod., No. 287, p. 19-20. June 1945. 286.8 Em7

9347 \*PARESCHI, L. L'attività cinquantennale e i nuovi compiti della Federazione Italiana dei Consorzi Agrari. Ital. Agr. 79: 515-521. Oct. 1942. 16 It1

9348 \*PIETRE, A. A propos des Chantiers de la Jeunesse; participation à l'économie rurale (aménagement communal). Acad. d'Agr. de France. Compt. Rend. 29: 359-363. 1943. 14 P215Bc



9349 RICHARDS, A. E. Size of co-operative business in Canada. Marit. Co-op. 13(11): 4. June 1, 1945. 280.28 M33

Includes agricultural cooperatives.

9350 \*SCHLOTE. Landwirtschaftliche genossenschaften im kriegseinsatz. Mitt. f. die Landw. 59: 601-603. July 1, 1944. 18 D48M

9351 \*SHAKURIN, V. Pravlenie kolkhoza i kom-somol'skaia organizatsiia [The management of the kol-khoz and the Communist Youth Organization]. Kol-khoz. Proizvod., No. 11/12, p. 25-26. Nov./Dec. 1944. 281.8 K83

9352 SORENSON, R. Rural youth plans for the future. Nation's Agr. 20(6): 6, 8. June 1945. 280.82 B89

Policies and programs of The American Farm Bureau Federation in organizing the youth.

9353 STUCKEY, W. D. Co-operatives in Saskatchewan. O. A. C. Rev. 57: 394-395. Apr./May 1945. 276.8 On8

Agricultural cooperation.

9354 TABOR, I. The importance of Young Farmers' Clubs. New Zeal. J. Agr. 70: 427-428. Apr. 16, 1945. 23 N48J

9355 TALBOT, K. Village produce associations. Country Life [London] 97: 687. Apr. 20, 1945. 80 C83

Cooperative production and marketing.

9356 TURNER, J. Organisation of N. F. U. England and Wales. (Excerpts.) Straight Furrow 4(6): 11. Apr. 16, 1945. 281.8 S48

9357 VALDIVIA MONTAÑEZ, M. A. La cooperativa es formula que resuelve dificultades creadas por la técnica moderna. Cuba. Min. de Agr. Rev. (ser. 4) 28(1): 61-64. Jan./Mar. 1945. 8 Ag88Re

Includes agricultural cooperatives.

9358 VALDIVIA MONTAÑEZ, M. A. Qué es una co-operativa. Cuba. Min. de Agr. Rev. 27(28): 35-37. Nov./Dec. 1944. 8 Ag88Re

#### RURAL SOCIAL PSYCHOLOGY

9359 SCHULTZ, T. W. Which way will farmers turn? Foreign Affairs 23: 627-634. July 1945. 280.8 F76

The position of the American farmer on foreign policy.

#### TRADE, FOREIGN AND INTERNATIONAL

9360 ALDRICH, W. W. Trade barriers in the post-war world. Amer. J. Econ. and Sociol. 4: 406. Apr. 1945. 280.8 Am393

9361 BRECKMAN, F. The farmer and the Trade Agreements Act. Sugar J. 7(12): 2-3, 14-16. May 1945. 65.8 Su391

9362 BRIGHTON, H. W. Nicaragua as a market. Canada. Dept. Trade and Com. Com. Intel. J. 72: 529-535. June 23, 1945. 286.8 C16

Includes foreign trade in agricultural products.

9363 CUNNINGHAM, W. A. World trade in wool. Rural Bank N. S. Wales. Farm Front 3: 49-53, processed. Apr. 1945. 281.9 R883

9364 HOOVER, G. E. The outlook for free trade. Amer. J. Econ. and Sociol. 4: 311-326. Apr. 1945. 280.8 Am393

9365 LEVITAN, A. H. Export the surplus of hides and skins. Hide and Leather and Shoes 109(26): 24. June 23, 1945. 303.8 H53

9366 MARRE, R. A. Importancia económica de la exportación de productos lecheros [Argentina]. Tambo y Chacra 17(611): 3. Jan. 10, 1945. 44.8 T15

9367 MELLO, J. C. O valor do café nas nossas exportações. São Paulo (State). Supt. dos Serv. do Café. B. 20(215): 35-38. Jan. 1945. 68.29 Sa63

9368 PARKS, W. Post-war international commodity trade: public problems and policies. Polit. Sci. Q. 40: 241-266. June 1945. 280.8 P75

9369 POULIN, L. P. Le commerce des produits agricoles: conserverons-nous nos marchés actuels [Canada]? Terre de Chez Nous 17(35): 3. June 6, 1945. 7 T27

9370 POULIN, L. P. Le commerce des produits agricoles: Coup d'oeil sur l'avenir du commerce mondial des produits agricoles. Terre de Chez Nous 17(36): 7. June 13, 1945. 7 T27

9371 RICCARDI, A. Diez años de comercio hispano-cubano. Cuba. Min. de Com. Rev. Ofic. 8(48): 71-76. May 1945. 280.9 C91

Includes trade in tobacco.

9372 SULLIVAN, L. Lend-lease grab bag. Nation's Business 33(7): 21-22, 70, 73-74. July 1945. 286.8 N212

9373 TAYLOR, A. New concept of international trade. South. Dairy Prod. J. 37(5): 36-37. May 1945. 44.8 So83

9374 THOMAS, E. P. What's ahead for foreign trade. Forbes 55(12): 16, 35. June 15, 1945. 280.8 F74

9375 WECKSLER, A. N. Buying an export market. Purchasing 18(1): 105-107. Jan. 1945. 280.8 P972

Inter-American trade.

9376 WEIL, C. A. Hide importers at a crossroad. Hide and Leather and Shoes 109(26): 36. June 23, 1945. 303.8 H53

#### FOOD AND HUMAN NUTRITION

##### GENERAL

9377 BOUDREAU, F. G. The problems we face in nutrition. Sci. Monthly 60: 443-450. June 1945. 470 Sci23

9378 CERVENY, C. C. Supplementary rations for prisoners of war. Nutrition 8(2): 1-2. Second quarter 1945. 389.8 N956

9379 CLARK, M. More than 5 million 'school lunches' served in Utah during past year. Utah Farmer 64(20): 3, 20. June 10, 1945. 6 D45

9380 HARDING, T. S. Appetite - a proper guide to diet? Prog. Guide 9(1): 44-46. July 1945. 470 P942

9381 HARDING, T. S. What to watch in your diet for the next few months. J. Living 11(1): 57-58. July 1945. 389.8 J822

9382 HARDING, T. S. What we tend to forget about food. Med. Rec. 158: 368, 370. June 1945. 448.8 M48

9383 HARDY, F. Study of the dietary level of 100 families. J. Home Econ. 37: 351-355. June 1945. 321.8 J82

9384 JOFFE, N. F. Fitting the "basic 7" to our folk foodways. Amer. Cookery 50(9): 34-35, 49. May 1945. 389.8 B65

9385 JOHNSON, E. Quakers in India develop relief techniques. Far East. Survey 14: 146-147. June 6, 1945. 280.9 In782

Mass distribution of vitamins, milk canteens, and mobile medical units.

9386 KENNY, S. Diet for malnourished prisoners of war. Brit. Med. J., No. 4404, p. 777-778. June 2, 1945. 448.8 B77

9387 MCHENRY, E. W. Nutrition - a living, growing science. Food in Canada 5(6): 11-13. June 1945. 389.8 F7323

9388 MARRACK, J. R. Food. Adv. Sci. 111: 156-173. May 1945. 501 B774

Nutrition.

9389 A MORE abundant life for all of us. Amer. Cookery 50(9): 26-27, 42, 57-58. May 1945. 389.8 B65

What "enrichment" promises, by M. L. Wilson, p. 26, 42. What nutrition research promises, by E. V. McCollum, p. 27, 57-58.

9390 POWELL, M. Vegetarianism and psychology. Veg. Messenger and Health Rev. 42: 107-110. June 1945. 389.8 V522



9391 A PRIORITY -- sound nutrition for everyone. Amer. Cookery 50(9): 22-23, 50, 53-54, 66. May 1945. 389.8 B65

For the Caribbean, by H. H. Darby, p. 23, 66. For Ethiopia, by W. Adams, p. 23, 53-54. For Europe and the Orient, by H. H. Darby, p. 22, 50.

9392 RICE, E. S. Food values and equivalents. Milling 104: 396, 398. June 9, 1945. 298.8 M622

9393 SCHOUR, I., and MASSLER, M. The effects of dietary deficiencies upon the oral structures. II. Amer. Dent. Assoc. J. 32: 871-879. July 1, 1945. 448.8 Am322

9394 SEMPLE, D. The evolution of diet. Veg. Messenger and Health Rev. 42: 94-95. May 1945. 389.8 V522

9395 STAMBOVSKY, L. Nutrition and geriatrics. Drug and Cosmetic Indus. 56: 718-719, 812-816. June 1945. 396.8 D842

9396 TERRELL, E. L. Louisiana's school lunch workshops. J. Home Econ. 37: 345-348. June 1945. 321.8 J82

9397 TURPIN, M. Vegetables in the diet. Union So. Africa. Dept. Agr. and Forestry. B. 255 (Hort. Ser. 9), p. 111-112. 1945. 24 So84P

#### FOOD HABITS

9398 NATIONAL RESEARCH COUNCIL. COMMITTEE ON FOOD HABITS. Manual for the study of food habits. Natl. Res. Council. B. 111, 142 p. Washington, D. C., 1945. Ref., p. 101-135. 330.9 N21

9399 PERKINS, J. E., and MAYERS, M. R. Eating habits in war plants. Safety Engin. 89(6): 71-74, 76. June 1945. 449.8 S1

9400 RORTY, J., and NORMAN, P. 'Food faddists' are found among primitive peoples. Coop. Consum. 7(12): 3. June 30, 1945. 280.28 C7836

9401 STEFANSSON, V. Living on the fat of the land. Harper's Mag. 191(1142): 70-76. July 1945. 110 H

Food habits of hunting peoples.

#### NUTRITIVE AND VITAMIN CONTENT

9402 ALLEN, P. W. A "refresher course" on vitamins. Austral. Milk & Dairy Prod. J. 12(4): 29-31. Apr. 1945. 44.8 Au72

9403 ARIAS, J. B. Las hortalizas y su valor alimenticio. Vida Rural 6(69): 26. Apr. 1945. 9.4 V66

9404 BARTON, T. Amino acids. Fruit Prod. J. and Amer. Food Mfr. 24: 296, 312. June 1945. 389.8 F94

9405 BATSON, D. M., O'CONNOR, R. T., and FORGES, N. Sweet potato concentrate yields pro-vitamin A. Food Indus. 17(7): 99, 196, 198, 200. July 1945. 389.8 F737

9406 BAUERNFEIND, J. C., and SIEMERS, G. F. Adding ascorbic acid to peaches before freezing. Food Indus. 17(7): 79-80. July 1945. 389.8 F737

9407 BING, F. C. The nutritive value of wheat flour. Baker's Digest 19: 68-70. June 1945. 389.8 S11

9408 BRETEY, J. Remarques sur le rôle joué par le régime alimentaire et par la vitamine C dans la tuberculose expérimentale du cobaye. Inst. Pasteur [Paris]. Ann. 66: 453-472. June 1941. 448.3 An75

9409 CAILLEAU, R., KIDDER, L. E., and MORGAN, A. F. The thiamine content of raw and parboiled rice. Rice J. 48(5): 8, 10-11, 18-23. May 1945. 59.8 R36

9410 CALLISON, E. C., and ORENT-KEILES, E. Standards in vitamin A assays. U.S.P. reference cod liver oil vs. beta-carotene. Indus. and Engin. Chem., Analyt. Ed. 17: 378-379. June 1945. 381 J825A

9411 CARRUTHERS, R. T. Vitamins from the ocean. Fur J. 11(6): 3-6. Apr. 1945. 412.628 F969  
"Originally written to appear in the Pacific drug review and has since been reprinted by the Southern pharmaceutical journal, Dallas, Texas, and the North-western druggist, Chicago."

An account of fish liver as a source of vitamins.

9412 CASTANIE, H. Valeur alimentaire de quelques produits coloniaux. Fruits et Primeurs de l'Afrique du Nord. Ed. Maroc. 15: 79. Apr. 1945. 80 F9482

9413 CHATTERJEE, D. K. Processed soya bean in balancing Indian diets. Sci. and Cult. 10: 442-446. (To be cont.) Apr. 1945. 475 Sci24

9414 DARMADY, E. M. The effects of protein diet on infective hepatitis. Brit. Med. J., No. 4405 p. 795-797. June 9, 1945. 448.8 B77

9415 EFFERN, J. Die bestimmung des C-vitamins in milch und milcherzeugnissen durch methylenblaureduktion. Vorratspflege u. Lebensmittelforsch. 5: 306-308. July/Sept. 1942. 389.8 V91

9416 ELMAN, R. The practical use of amino acids in protein nutrition. Amer. Med. Assoc. J. 128: 659-664. June 30, 1945. 448.9 Am37

9417 EVANS, R. J. The sulfur content of the pepsin digestible fraction of protein concentrates. Arch. Biochem. 7: 33-40. June 1945. 381 Ar2

9418 FISHEIN, M. Honey for your health. Amer. Bee J. 85: 238. July 1945. 424.8 Am3

9419 FRANDSEN, J. H. Dairy products: builders of health and economic welfare. New England Dairies News 4(11): 13. Feb. 1945. 44.9 N443

9420 GROSS, M. Z., and SPENCER, S. Amino acids may mean your health. Sat. Evening Post 218(2): 24-25, 67-68. July 14, 1945. 110 S

9421 GUILLAUMIN, A. La production des aliments les plus riches en vitamine antiscorbutique ou vitamine C. Soc. Sci. d'Hyg. Aliment. B. 32: 7-15. 1944. 389.9 SolB

9422 HARRIS, S. C. Carotene and ascorbic acid in fresh and salted vegetables. Amer. Dietet. Assoc. J. 21: 360-362. June 1945. 389.8 Am34

9423 HERZER, F. H. This lacteal secretion. Milk Dealer 34(9): 122-126. June 1945. 44.8 M595  
Nutritive value of milk.

9424 HOFFER, A., and ALCOCK, A. W. A rapid method for the combined determination of thiamine and riboflavin in cereal products. Cereal Chem. 22: 271-272. May 1945. 59.8 C33

9425 HOLMES, J. O. The requirement for calcium during growth. Nutr. Abs. and Rev. 14: 597-612. Apr. 1945. 389.8 N95

9426 HOPKINS, R. H., and WIENER, S. Riboflavin in beer. Inst. Brewing J. 51: 133-138. May/June 1945. 390.9 In7

9427 IVES, M., and others. The nutritive value of canned foods. Amer. Dietet. Assoc. J. 21: 357-359. June 1945. 389.8 Am34  
M. Zepplin, S. R. Ames, F. M. Strong, and C. A. Elvehjem, joint authors.

9428 JACKSON, S. H., and others. The retention of thiamine, riboflavin and niacin in cooking pork and in processing bacon. J. Nutr. 29: 391-403. June 11, 1945. 389.8 J82

A. Crook, V. Malone, and T.G.H. Drake, joint authors.

9429 JENNESS, R., and PALMER, L. S. The vitamin A potency of creamery butter produced in Minnesota. J. Dairy Sci. 28: 473-494. June 1945. Ref. 44.8 J822

9430 JOHNSON, R. E., and others. Estimation of riboflavin, thiamine, and N-methylnicotinamide: rapid field methods. Indus. and Engin. Chem., Analyt. Ed. 17: 384-386. June 1945. 381 J825A

F. Sargent, P. F. Robinson, and F. C. Consolazio, joint authors.



- 9431 KENDRICK, S. G., and DOWKER, A. W. E. The retention of vitamin-C during the "cold-process" preservation of blackcurrants. Soc. Chem. Indus. J. 64: 145-147. May 1945. 382 M31
- 9432 KRAMER, A. The nutritive value of canned foods. VIII. Distribution of proximate and mineral nutrients in the drained and liquid portions of canned vegetables. Amer. Dietet. Assoc. J. 21: 354-356. June 1945. 389.8 Am34
- 9433 KRAMER, M. M. Ascorbic acid content of food served to Army students. Amer. Dietet. Assoc. J. 21: 348-350. June 1945. 389.8 Am34
- 9434 KYHOS, E. D., SEVRINGHAUS, E. L., and HAGEDORN, D. Large doses of ascorbic acid in treatment of vitamin C deficiencies. Arch. Int. Med. 75: 407-412. June 1945. 448.8 Ar24
- 9435 \*L., E. Les besoins en vitamines sous le régime des restrictions. Les bonbons et le chocolat vitaminés. Génie Civil 117: 94-96. Mar. 1/8, 1941. 290.8 G29
- 9436 \*LEONT'EV, I. F. Novoe o vitamine P (New data on the vitamine P). Uspekhi Sovremennoi Biol. 19(1): 134-136. 1945. 442.8 Er3
- 9437 MAWSON, C. A. The sampling of foods for nutritional analysis. Analyst 70: 195-201. June 1945. 382 An1
- 9438 MEDIN REHNFIELDT, C. A. Estudio comparativo de métodos de determinación de proteínas en la leche. Rev. Quim.-Farm. 3(27): 2-8. Apr. 1945. 396.8 R32
- 9439 METCOFF, J., and others. Nutritional survey in Norris Point, Newfoundland. J. Lab. and Clin. Med. 30: 475-487. June 1945. 448.8 J8233  
G. A. Goldsmith, A. J. McQueeney, R. F. Dove, E. McDavitt, M. A. Dove, and F. J. Stare, joint authors.
- 9440 MILLER, C. D. Effect of washing and cooking upon thiamin content of brown and partially polished rice. Amer. Dietet. Assoc. J. 21: 345-347. June 1945. 389.8 Am34
- 9441 NATIONAL MILK PUBLICITY COUNCIL. Liquid milk and nutrition. Milk - a food of wonderful value. Austral. Milk & Dairy Prod. J. 12(3): 13. Mar. 1945. 44.8 Au72
- 9442 NETTO, F. A. Beneficiamento do leite. Produção de vapor II. Rev. dos Criadores 16(4): 46-48. Apr. 1945. 43.8 R32
- 9443 OKEY, R. Cholesterol content of foods. Amer. Dietet. Assoc. J. 21: 341-344. June 1945. 389.8 Am34
- 9444 OUR DAILY bread. Consum. Guide 9(6): 11-13. June 1945. 1.94 Ad4220  
Enrichment.
- 9445 P., R. Vitamina K. Vantagens dos derivados hidrosolúveis sobre os liposolúveis. Arq. de Biol. 29(265): 5-7. Jan./Feb. 1945. 442.8 Ar6
- 9446 PARKER, F. M. Notes on enrichment. Assoc. Oper. Millers B., July 1945, p. 1447-1452. 298.9 As7
- 9447 PARSONS, H. T., and others. The availability of vitamins from yeasts. I-II. J. Nutr. 29: 373-381, 383-389. June 11, 1945. 389.8 J82  
I. The absorption of thiamine by human subjects from various types of bakers' yeast, by H. T. Parsons, A. Williamson, and M. L. Johnson; II. The accessibility to rats for growth of the thiamine in various types of bakers' yeast, by H. T. Parsons, A. Foeste, and H. Gilberg.
- 9448 PAZOUREK, L. Milk and dairy products for the whole family. Ill. Health Messenger 17: 45-46. June 15, 1945. 449.7 IL6Im  
Nutritive value.
- 9449 PEASE, C. H. There's a place for both the cow and the goat. Dairy Goat J. 23(5): 4. July 1945. 40.18 M592  
Goats milk.
- 9450 PETERSON, W. J., and others. Fluorometric determination of riboflavin in eggs. Indus. and Engin. Chem., Analyt. Ed. 17: 370-371. June 1945. 381 J825A  
R.S. Dearstyne, R.E. Comstock, and V. Weldon, joint authors.
- 9451 PETERSON, W. J., and others. The vitamin A value of butter. Res. and Farming [N. C. Sta.] Prog. Rpt. 2: 7. Jan. 1945. 100 N81R  
W. M. Roberts, C. D. Grinnells, and W. L. Clevenger joint authors.
- 9452 PETT, L. B. Milk products and nutrition. Canad. Dairy and Ice Cream J. 24(6): 64. June 1945. 44.8 C162
- 9453 \*PIEN, J. Sur la résistance des vitamines a l'action de la chaleur. Lait 24(231/233): 1-23. Jan./Mar. 1944. 44.8 LI43
- 9454 PYKE, W. E. No tenderometer? Determine quality from pea solid readings. Research reveals nutritional value of beet greens. Food Packer 26(8): 44, 46. July 1945. 286.83 C165  
Discusses the analyses of pea samples and the correlation between solids and starch and tenderometer readings. The nutritive value of sugar-beet greens is also discussed.
- 9455 \*RANDOIN, L., FOURNIER, P., and DIGAUD, A. Une expérience sur l'homme relative à la valeur nutritive comparée du pain complet et du pain blanc, spécialement au point de vue des substances azotées, de la vitamine B<sub>1</sub> et de la cellulose. Soc. Sci. d'Hyg. Aliment. B. 32: 21-43. 1944. 389.9 SolB
- 9456 RICE, E. S. Provender milling. Milling 104: 372, 382. June 2, 1945. 298.8 M622  
Food value of vitamins and minerals.
- 9457 ROBINSON, A. D., and others. The thiamin contents of breakfast cereals. Miller 71: 388-389. June 4, 1945. 298.8 M61  
M. C. Hiltz, R. Campbell, and A. Levinson, joint authors.
- 9458 RORTY, J., and NORMAN, P. Rorty and Norman score flour, bread enrichment. Coop. Consum. 12(10): 7. May 31, 1945. 280.28 C7836
- 9459 SAINT-PIERRE, G. D. DE. La valeur nutritive du lait de chèvre est supérieure à tout autre. Terre de Chez Nous 17(36): 14. June 13, 1945. 7 T27
- 9460 SCHAUSS, V. Ascorbic acid content of fruits and vegetables used in an institution. Amer. Dietet. Assoc. J. 21: 364, 366. June 1945. 389.8 Am34
- 9461 SHEETS, O. Effect of cooking on the vitamin C content of potatoes. Miss. Farm Res. [Miss. Sta.] 8(6): 2. June 1945. 100 M69M1
- 9462 STEWART, A. P., JR., and SHARP, P. F. Determination of vitamin C in the presence of interfering reducing substances. Indus. and Engin. Chem., Analyt. Ed. 17: 373-376. June 1945. 381 J825A
- 9463 TAYLOR, G. F., and CHHUTTANI, P. N. Nutritional macrocytic anaemia and the animal protein of diet. Brit. Med. J., No. 4405, p. 800-802. June 9, 1945. 448.8 B77
- 9464 THAYSEN, A. C. Food yeast: its nutritive value and its production from empire sources. Roy. Soc. Arts. J. 93: 353-364. June 8, 1945. 501 L847J
- 9465 \*THOMAS, K. V. The value of fruit and fruit juices. Allahabad Farmer 17: 229-230, 232. Nov. 1943. 22 A15  
Nutrition.
- 9466 THORNE, R. S. W. Recent work on the nitrogen nutrition of yeast. Inst. Brewing J. 51: 114-126. May/June 1945. 390.9 In7
- 9467 TOBEY, J. A. A quart of milk a day. Austral. Milk & Dairy Prod. J. 12(4): 23. Apr. 1945. 44.8 Au72
- 9468 TURNER, D. F. Selection of protein containing foods to meet protein requirements. Amer. Med. Assoc. J. 128: 590-593. June 23, 1945. 448.9 Am37



9469 \*VOGEL, M. Vitaminverluste im brot durch die backofenhitze. Mehl u. Brot 44: 180-181. June 9, 1944. 389.8 M47

9470 WATT, B. K., and ATTAYA, M. B. Vitamin retention in quantity cooking of vegetables. J. Home Econ. 37: 340-344. June 1945. 321.8 J82

9471 WECKEL, K. G. Adding vitamin D concentrates to evaporated milk. Food Indus. 17(7): 95, 192, 194, 196. July 1945. 389.8 F737

9472 WHITE, V. M. Candy - a fighting food. Peanut J. and Nut World 24(8): 25-26, 51-53. June 1945. 77.8 P313

9473 WOLLAN, I. J. Advances in the use of fresh milk for infant and child feeding. Austral. Milk & Dairy Prod. J. 12(3): 15, 17-18. Mar. 1945. 44.8 Au72

9474 YOUNG, J. B. The clinical detection of protein deficiency. Amer. Med. Assoc. J. 128:439-441. June 9, 1945. 448.9 Am37  
Significance of protein nutrition in health and disease.

#### MISCELLANEOUS

##### GENERAL

9475 GASCA, A. G. Piscicultura doméstica agrícola. Campo [Guadalajara], Feb. 1, 1945, p. 33-34. 8 G76

9476 GORDON, W. A. Vermin control by bounty. Field 185: 420. Apr. 28, 1945. 10 F45  
Rat extermination.

9477 LANCUM, F. H. Wild animals and agriculture. 3. The hedgehog. Gt. Brit. Min. Agr. Agriculture 52: 132-135. June 1945. 10 G79J  
The hedgehog as a pest.

9478 MILLS, E. M. The detection of rats by their droppings. Pests 13(6): 18. June 1945. 449.8 Ex8

9479 PALOMO, G. Las recomendaciones de la Comisión de Agricultura del Congreso de Escuintla [Guatemala]. Mercurio (ser. 2) 3(189): 1, 5. June 5, 1945. 280.8 M53

9480 RAMSAY, A. Stage set for international farm talks; U. S. A. organisations to be represented at London conference in October - aims of international federation. Farmer & Stock-Breeder 59: 801. May 22, 1945. 10 F228

9481 RANFORD, L. J. Visit to Massey [Agricultural] College. New Zeal. J. Agr. 70: 430. Apr. 16, 1945. 23 N48J

9482 RAY, G. E. Poison; girls take over campaign against ground squirrels. West. Livestock J. 23(33, i. e. 32): 22. May 15, 1945. 6 F2278

9483 \*SINGH, A. Principles of sampling as applied to investigations in agricultural economics. Indian J. Econ. 25: 533-540. Apr. 1945. 280.8 In22

9484 SPEER, C. F. [Work of the Bureau of Agricultural and Industrial Chemistry.] Natl. League Wholesale Fresh Fruit and Veg. Distributors. Off. Proc. (1945) 53: 72-76. 287 N214

9485 STANGER, F. M. Fossil discovery near San Francisco. Science 101: 559-561. June 1, 1945. 470 Sci2

The deposit contained elephant bones, insect remains, and botanical specimens.

9486 VIAL, G. M. Poisoning prairie dogs. Mont. Farmer 32(19): 5. June 1, 1945. 6 M764

##### HISTORY AND BIOGRAPHY

9487 ALLARD, H. A. Botanists sometimes important military tacticians. Science 101: 678. June 29, 1945. 470 Sci2

John Ball's knowledge of geographic botany and Garibaldi's victory.

9488 ANGELL, G. N. Secretary-to-be Anderson leaves a warm feeling. Idaho Farmer 63: 329, 348. June 21, 1945. 6 G282

Also in Oreg. Farmer 68: 329, 348. June 21, 1945. 6 Or32

9489 COX, MRS. A. Constantine Samuel Rafinesque. Gard. Club Amer. B., ser. 9, No. 12, p. 12-16. June 1945. 90.32 G16

9490 D., R. H. Turnip Townshend: the pioneer of modern agriculture. Farmers' Gaz. [Dublin] 103: 314. June 2, 1945. 10 F221

Contributions to agriculture of Charles second Viscount Townshend.

9491 GRAY, G. A. Nathaniel Lord Britton, Jan. 15, 1859-June 1934. Cactus and Succulent J. 17: 91-92. June 1945. 451 C11

9492 HOLLAND, C. W. The late Henry Tryon. Queensland Nat. 12: 117-118. May 1945. 410 Q3

9493 HUMBERT, H. Notice biographique sur Pierre Allorge (1891-1944). Soc. Bot. de France. B. 91: 29-32. 1944. 451 B69

9494 KARTMAN, L. Soviet genetics and the "autonomy of science." Sci. Monthly 61: 67-70. July 1945. 470 Sci23

9495 KEITT, G. W. Lewis Ralph Jones, 1864-1945. Science 101: 658-660. June 29, 1945. 470 Sci2

9496 LANDIS, B. Y. The squatter's hut at Walden; reflections on the centenary of a New England homestead. Amer. J. Econ. and Sociol. 4: 327-332. Apr. 1945. 280.8 Am393

9497 MCFARLAND, J. H. Mr. Walter Easlea. Amer. Rose Mag. 6: 202. May/June 1945. 80 Am327A

9498 MARESQUELLE, H. J. C. A. V. Houard (1873-1943). Soc. Bot. de France. B. 91: 14-15. 1944. 451 B69

9499 \*MEDICI, G. Economia e politica agraria in Italia: evoluzione dal XVIII secolo ad oggi. Ital. Agr. 80: 173-176. Apr. 1943. 16 It1

Discussion of Agrarwirtschaftliche Forschung und Agrarpolitik in Italien, Entwicklung vom 18. Jahrhundert bis zur Gegenwart, by S. von Frauendorfer.

9500 ORWIN, C. S. Agricultural pioneers. 2. Pioneer in the use of machinery: Jethro Tull, 1674-1741. Young Farmer 13: 54-56. May/June 1945. 10 Y8

9501 POLUNIN, N., and CLOKIE, H. Robert Brown (1773-1858) and "Brownian movement." Chem & Indus., No. 22, p. 172-173. June 2, 1945. 382 M31C

9502 \*PRENANT, M. Louis Bouvier (1856-1944). Soc. Zool. de France. B. 69(1): 7-9. Apr. 30, 1944. 410.9 P214B

9503 RICHARDS, P. W. Mr. W. E. Nicholson 1866-1945. Nature [London] 155: 507. Apr. 28, 1945. 472 N21

9504 ROOT, E. R. The passing of W. E. France. Gleanings Bee Cult. 73: 303. July 1945. 424.8 G47

9505 SEEVER, F. J. Arthur Henry Reginald Buller. Mycologia 37: 275-277. May/June 1945. 450 M99

Mainly a quoted biography by G. R. Bisby.

9506 WOODS, A. F. Merton B. Waite 1865-1945. Science 101: 632. June 22, 1945. 470 Sci2

##### INTER-AMERICAN RELATIONS

9507 PAN AMERICAN UNION. Inter-American conference on problems of war and peace, Mexico City, February 21-March 8, 1945. Pan Amer. Union. Cong. and Conf. Ser., No. 47, 115 p. Washington, D. C., 1945. 150.91 In822

Includes resolutions on processing and marketing of primary products.

##### METEOROLOGY

9508 GUTIÉRREZ, M. La lluvia, el agricultor y el ganadero. Cuba. Min. de Agr. Rev. 27(28): 39-40. Nov./Dec. 1944. 8 Ag88Re

The importance of rainfall data.



9509 HURTUBISE, J. A. P. Le cultivateur et le temps. B. des Agr. 41(6): 17-18. June 1945. 7 B872

9510 WHITSON, A. R. New jobs in agricultural climatology. Amer. Geophys. Union. Trans. (1944) 25: 438-439. 1945. 330.9 Am3

On the need for more information on the relation of climate to crops.

## RESEARCH

9511 ASTORGA BARRICA, E. La red de estaciones experimentales del Gobierno Federal del Canada es la mas grande del mundo. Cuba. Min. de Agr. Rev. (ser. 4) 28(1): 89-91. Jan./Mar. 1945. 8 Ag88Re

9512 \*CILLIS, U. DE. Metodi e valutazione dei risultati nella moderna sperimentazione agraria. Ital. Agr. 79: 240-252. May 1942. 16 It1

9513 \*GUSELLOTTI, A. La Stazione d'alpeggio di Juribello. Ital. Agr. 78: 771-779. Nov. 1941. 16 It1

Research.

9514 MURRAY, D. B. The Oil Palm Research Station of Nigeria. Trop. Agr. [Trinidad] 22: 93-96. May 1945. 26 T754

9515 VAN ARSDEL, W. B. The United States Department of Agriculture's Western Regional Research Laboratory. Paper Trade J. (TAPPI Sect.) 120: 230-233. June 7, 1945. 302.8 P196

9516 \*VIL'CHINSKIY, N. 50 let Sochinskoy Opytnoy Stantsii [50 years of the Sochi Experiment Station]. Kolkhoz. Proizvod., No. 11/12, p. 53. Nov./Dec. 1944. 281.8 K83

Agricultural research.

## STATISTICS

9517 COCHRAN, W. G. Training at the professional level for statistical work in agriculture and biology. Amer. Statist. Assoc. J. 40: 160-166. June 1945. 251 Am3

9518 COMSTOCK, R. E. Statistics in experimental work not important, you say? Res. and Farming [N. C. Sta.] Prog. Rpt. 3(3): 2, 4. Apr. 1945. 100 N81R

Work of the Department of Experimental Statistics at the North Carolina Agricultural Experiment Station.

9519 COVAS, G., and CHRISTENSEN, J. R. Determinación del tamaño de parcelas para ensayos comparativos de rendimientos en la vid. Rev. Argentina de Agron. 12(1): 26-29. Mar. 1945. 9 R327

9520 MARCUSE, S. An application of the control chart method to the testing and marketing of foods. Amer. Statist. Assoc. J. 40: 214-224. June 1945. 251 Am3

9521 RICE, S. A., and others. Problems of integrating Federal statistics: a round table. Amer. Statist. Assoc. J. 40: 237-244. June 1945. 251 Am3

A. F. Hinrichs, H. R. Tolley, and P. M. Hauser, joint authors.

9522 STANSBURY, B. Farming with facts. Carolina Co-op. 23(6): 13-14. June 1945. 72.8 N81  
Value and use of agricultural statistics.

## NEW PERIODICALS AND SERIALS

9523 AGRICULTURA TROPICAL. Monthly. Vol. 1, No. 1, Feb. 1945. 64 p. Bogotá, Asociación Colombiana de Ingenieros Agrónomos. 26 Ag8

9524 THE COOPERATIVE FARMER. Monthly. Vol. 1, No. 1, Feb. 1945. 8 p. Richmond, Va., South. States Coop., Inc. 280.28 C7854

Supersedes the Southern States Patron (280.29 So8).

9525 \*KANINCHENZUCHT. Monthly. No. 1, Jan. 1945. 4 p. Leipzig, Reichsverband Deutscher Kleintierzüchter. 40.28 K13

Formed, Jan. 1945, by combination of Der Kaninchenzüchter, Ratgeber für Kaninchenzüchter, Süddeutscher Kaninchenzüchter.

9526 U. S. FOREIGN ECONOMIC ADMINISTRATION. TRADE RELATIONS STAFF. Trade Relations Supplement to the Current Export Bulletin. No. 1, Oct. 31, 1944. 3 p., processed. Washington. 173.3 Ec7







# AUTHOR INDEX

Item	Item	Item	Item
Aalund, H.....6786	Anderson, W. S.....5337,	Averoldi, O. L.....7689	Baylor, H.....6935
Aartsen, J. P. van....6970	6607-9	Axelsson, J.....7112	Bayon, H. P.....7446
Abercrombie, P.....5725	Anderssen, E. E.....7705	Ayars, J. S.....8088	Beach, F. A.....8021
Abeywickrama, B. A....5989	Andrade, B. M. de....6350		Beach, F. H.....5645
Acharya, C. M.....6940	André, E.....8893	Babb, Mrs. E. G.....6466	Beale, J. H.....6471
Ackerman, F. G.....8217	André, M.....7881-5	Babcock, L. C....7129,7173	Beall, T.....5646
Acosta Solís, M.....9013	Andren, F.....6222	Bachstetz, M.....8044	Beals, O. K.....8557
Acosta V., L.....8589	Andres, J.....7243	Badonnel, A.....5817	Bear, C. U.....8091
Adair, W....9103,9166,9169,	Andres, J.....7194	Baggette, T. L.....5511	Bear, F. E.....6769-70
9325	Andrews, F. W.....6677	Bagnall, Mrs. N.....8569	Beary, E.....7358
Adam, W. B.....8754	Añe Alderete, A.....7507	Baikov, A. A.....5865	Beck, G. F.....5880
Adams, C. D.....6456	Angelini, F.....5717	Bailey, C. H.....8775	Beck, P.....7917
Adams, J. E.....5511	Angell, G. N.....9488	Bailey, J.....7245	Beck, P. B.....8558
Adams, W.....9391	Anliker, J.....6394	Bailey, J. H.....6293-4	Beck, V. S.....6780
Adatia, R. D.....6181	Anliker, O.....6849	Bailey, J. S.....5501	Becker, G. L.....9017
Addicott, F. T.....6180	Anthony, D.....8600	Bain, D. C.....6019,6118	Becker, R. B.....7300
Agarwala, A. N....9137,9279	Antoniani, C.....8454	Baissac, L.....8965	Beckerich, A....8186,8219,
Aguilar, J. d'.....7975-6	Antonius, O.....7195	Baker, C. E.....6787,6838	8221,8346,9086,9266
Aguilar, P. C.....8183	Appel, W. D.....8601	Baker, D. H.....7068	Beckman, C. H.....7334
Aguirre, E. F.....6606	Aragon, A.....8044	Baker, H. G.....6247	Beebe, W.....5866
Aharonovitch, I.....6346	Arambarri, D.....6351	Balachowsky, A....8045-6	Beecher, F. S.....6224
Ahlgren, H. L....5709,6347	Arango, R.....8363	Baldock, R. H.....8169	Beeler, M. N.....8284
Ahmad, N.....8540	Arbour, M. B.....6352	Baldrati, I.....5838	Beeson, W. M.....5493
Ahrendes, E. R.....5382	Arceneaux, G.....6387	Baldridge, H.....7685	Beetle, A. A.....5916
Aikman, J. M.....8223	Archibald, E. S.....8827	Baldwin, H. P.....7075	Beilby, H. N.....5803
Airy Shaw, H. K.....7915	Arend, A. G.....8222	Ball, Mrs. F. L.....6467	Beilmann, A. P....6020,6154
Aitken, Y.....6221	Argles, G. K.....6433	Ball, H. J.....8634	Beins, C.....8395
Aiyappa, K. M.....6126	Argüello, P.....9104	Ballinger, R. A.....8966	Beirne, B. P.....8092
Alarcon M., A.....8589	Arias, J. B.....9403	Balthis, F. K.....6468	Belling, R. W.....6938
Albareda Herrera, J. M....	Aries, R. S.....7048	Baltzer, A. C.....5613	Bell, A.....8439,8732
6779	Aristides Machado, J..8477	Bancroft, G.....9088	Bell, L. P.....9282
Albaugh, R.....6348	Arkhangel'skii, I. I..7244	Banks, A.....9015	Bell, R. C.....8187
Albert, A. R.....5473	Arland, F. L.....6462	Banks, A. E.....7601	Bell, T. D.....5536
Alberto Pardo, C.....9033	Armitage, C. C.....9105	Banks, E.....7508	Bellón Gómez, I.....9108
Albrecht, W. A.....6794-5	Armitage, F. D.....9014	Baraev, L.....6850	Belsky, A. S.....9173
Alcock, A. W.....9424	Armstrong, G. C.....9220	Baraeva, L.....9281	Belval, H.....6298,6611
Alderks, O. H.....8891	Armstrong, H.....7644	Baratte, J.....8184	Bengston, B.....7354
Aldrich, W. W.....9360	Armstrong, O.....5648	Barba Gose, E.....8605	Bengston, J. S.....5338
Aleksnadrov, N. A....7366	Armstrong, Mrs. W. H..8438	Barber, D. J.....8967	Benjamin, E. W.....9326
Alemanni, N. M.....9053	Arndt, H. W.....5718	Barbera, G.....8895	Bennett, C. A.....8607
Alexander, A. K. S....7443,	Arneson, R.....8744	Barclay, H.....9106	Bennett, F. W.....8513
8920,9085	Arney, H. G.....5659	Bare, O. S.....5626	Bennett, H. H.....6887
Alexander, C. P....7977-9	Arnold, D. J.....8881	Barger, E. L.....8223	Bennett, H. W.....6353-4
Alexander, E. D.....5568	Arnold, R. C.....6463	Barker, H. T.....7072	Bennett, K. R.....5538
Alexander, M. A..5811,6349	Arnst, A.....6678	Barker, R. R.....7590	Bennion, N. L.....5658
Alfaro, A.....7916,8453	Arrieta M., D. L.....7730	Barkley, F. A.....5984	Benoist, R.....5902
Algeria. Direction de	Arsenault, A.....9228	Barkworth, H.....8512	Benson, C. F.....7059
l'Agriculture...6096,6433	Arthur, G. H.....7296	Barley, H. D....6788,7445,	Benson, J. L.....8359
All, Prince M.....7357	Artsikhivskaja, E....6269	7509,8302	Benson, T. A.....8921
Allan, J. A.....7663	Arzt, T.....6733	Barlow, H. B.....8556	Benton, R. J.....6888
Allard, H. A.....5901,	Asana, J. J.....6181	Barlow, R.....6695	Beresford, H.....5574-5
5912-13,9487	Ashby, A. W.....5753	Barmore, M. A.....8785-6	Bergamin, J.....7918
Allen, F. E.....7285	Ashby, W.....5342	Barnes, G. W.....5696	Berger, F.....6395
Allen, F. W.....5488	Ashe, H. J.....9221	Barnes, T. W.....6257	Berget.....8896
Allen, G. E.....5587	Asher, J.....5349	Barnette, L. T.....9016	Berkman, J.....7510
Allen, P. W.....9402	Ashley, Sir P.....8602	Baron, S.....5753	Berkner, F.....6225
Allison, J. B.....7333	Ashley, T. E.....6388	Barrett, L. A. G....8185	Berland, L.....8071,8143
Allwright, W. J. S....8716	Ashton, H.....8603	Barrons, K. C.....6223	Berman, J.....7359
Almanza Ocampo, B....6694	Askew, H. O.....6768	Barrus, M. F.....5637	Bermann, S. T.....7836
Almqvist, H. J.....7444	Askew, V.....8604	Barthe, E.....8455	Bernal M., R.....9335
Alp, H. H.....5576	Asmundson, V. S.....7455	Barton, T.....9404	Bernard, R.....7511
Altara, I.....7242,8476	Asociacion Colombiana de	Barton Mann, T. See Mann,	Berner.....7764
Alton, Mrs. C. F.....6457	Ingenieros Agronomos.9523	T. B.	Berry, E. M.....5881
Altstatt, G. E....6018,6087	Asociación Nacional de	Bartz, F.....9107	Berthiaume, J.....7196
Amargos, J. L....6796,9280	Colonos de Cuba....8964	Basch, A.....5720	Berti, A. L.....5823
American Russian Inst.5865	Asplin, F. D.....7466	Bashkistrov, S.....8224	Bertrand, G.....8951
Amercy, W. B.....8427	Assa, N. P.....6699	Basu, A. C.....8089	Bertrand, H.....7919
Ames, S. R.....9427	Asthana, R. P.....6142	Bateman, G. Q.....9222	Bertschler, F. L....6472
Ammann, G.....6458	Astorga Barriga, E....9511	Baten, W. D.....8731	Besana, A.....7135
Ammons, N.....5914	Atkins, I. M.....6318	Bates, E. S.....8606	Beasley, A. K.....5398
Amsden, J.....7408,7506	Attaya, M. B.....9470	Bâthie, H. P. de la..5915	Bessey, R. H.....7765
Amstein, W. G.....5586	Aubrey, J. J.....8590	Batson, D. M.....9405	Bessonnet, E. C.....7766
Ancizar, E.....9227	Auchter, E. C.....5350	Bauders, E. M.....6469	Bettelheim, C.....9034
Andersen, A. A.....8773	Auchterlonie, L.....7367	Bauer, G. F.....8456	Bettendorf, H. J....7073
Anderson, A. W....6459-60	Augier, J.....6292	Bauernfeind, J. C....9406	Better Homes and Gardens..
Anderson, B. P.....8168	Augustus, E. K.....9057	Baumann, E.....6470	5835
Anderson, C. P.....8387	Aull, G. H.....5552	Baumgartner, F. M....5544	Bewley, W. F.....6612
Anderson, C. W.....7261	Australia. Rural Reconstr.	Bavler, B.....6958,7016	Bhargava, K. S.....6226
Anderson, Mrs. H. J....6461	Comm.....5719	Bawden, F. C.....6153	Bhatnagar, S. S.....8952
Anderson, J. A.....7333	Auten, E., Jr.....6464	Bayard, A.....8090	Bhattacharya, K. N....8428
Anderson, R. H.....8892	Auten, J. T.....6797	Bayfield, E. G.....8821	Biddle, E. S.....7277



Item	Item	Item	Item
Biedermann, R.....8093	Bottini, O.....8591	Brown, E. T.....8267	Calif. Agr. Expt. Sta. 5488
Biely, J.....7461	Bottum, J. C.....8680	Brown, F. C.....6617, 6663	Callison, E. C.....9410
Bierly, I. R.....5638, 9087	Boucher, H.....7653	Brown, G. A.....8510	Calvert, P. P.....8145
Bigger, J. H.....5577	Boudreau, F. G.....9377	Brown, H.....8611	Calvin, R. H.....6479
Bing, F. C.....9407	Boulding, K. E.....5721	Brown, L. A.....5489	Camargo, R. de.....6697
Bingham, G. H.....5531, 6851	Bourbakis, C. J.....8970	Brown, O. A.....6609	Cameron, D. R.....6995
Bionda, G.....9018	Bourdelle.....8266	Brown, R. K.....7199	Cameron, Mrs. E. L.....6480
Biraghi, A.....6088	Bourgogne, J.....8094	Brown, T.....8172	Cameron, H. C.....5559
Bird, F. H.....7455	Boutaric.....8897	Brown, W. F.....5805	Cameron, W. C.....8489
Bird, H. R.....7458	Boutaric, A.....8777	Browne, F. S.....8737	Camp, A. F.....6030
Birdsall, W. J.....8717	Bouvrain, G.....6182	Brownlee, O. H.....8429	Campbell, D. A.....6890
Birdseye, C.....8364	Bouyoucos, G. J.....8226	Bruce, D.....6306	Campbell, H. L.....7410
Birkett, L. S.....6807, 8968-9	Bover, P. J.....7767	Bruce, G. N.....8898	Campbell, J. A.....7447
Birtwistle, V. 7512-13, 8922	Bowditch, J. B.....8705	Bruce, W. H.....7522	Campbell, J. D.....9114
Bisby, G. R.....5994, 9505	Bowen, E. R.....5629	Brudin, I.....6696	Campbell, R.....9457
Bishop, C. F.....5707, 7920	Bowers, J. L.....6024	Brundage, R. C.....6971	Camus, A.....5919-20, 5933
Bishop, L. R.....8225	Bowles, O.....6923	Bruner, S. C.....6679	Canada. Bur. of Statis.....
Bisson, J. E.....7301, 8859, 8878	Bowling, G. A.....7198	Bryan, A. B.....6357	5726
Biswell, H. H.....6355	Bowman, F.....5521	Bryan, C. S.....7247-8	Canada. Dept. of Agr. 6786,
Bitter, E. R.....8396	Bowman, M. W.....8171	Bryce, D.....7136	6885, 7453
Black, D. L.....8608	Box, H. E.....8047	Bryner, W.....6422	Supplies Bd.....5727
Black, J. J.....8265, 9174	Boyd, D. T.....8609-10	Bryzgalov, S.....7616	Canada. Forest Serv. 6310,
Blackman, C. L.....7197	Boyd, J.....6629	Buccleuch, Duke of.....9246	6996, 7000
Blackman, G. E.....6227	Boyer, C. A.....6160	Buchholz, E.....6972	Canadian Textile Jour.
Blackwell, H. L.....7514-15, 8170, 8303, 9175	Boyer, J. L.....5830	Buchy, A.....8804	Pub. Co., Ltd.....8614
Blackwell, R. C.....6473	Boyle, L. W.....6104	Buch, J. S.....6293	Canalini, G.....6854
Blackwood, B. B.....6613-14	Boynton, D.....6228	Budd, E.....8570	Candura, G. S.....8095-6
Blaine, C. E.....8860	Braccini, P.....8514	Budden, B.....8141	Canterbury Agr. Col., New
Blaine, C. L.....8860	Brackeen, L. O. 6356, 6852, 7003	Buechel, F. A.....9035	Zeal.....7771
Blair, W. D.....6474	Bracken, J.....9150	Buechle, A. C.....8784	Canterbury Chamber of Com.
Blake, G. A.....9176	Bradford, H.....9229	Buhk.....7840	7771
Blake, M. A.....6396, 6420-1	Brady, N. C.....6229, 6233, 6259	Bull, G. R.....5753	Cantrell, F.....7646
Blake, R.....7602-4, 7610	Bräunche, W.....7837	Bullard, D. G.....8237	Capilouto, R. R.....8228
Blake, S. F.....5917	Braibant, M.....5722	Bullock, E. H.....5725	Caponi, U.....9232
Blakemore, F.....7467	Brain, S. G.....6343	Bulman, J.....5753	Carabelli, A. J.....5806
Blanch, G. E.....8733	Brajnukoff, I.....8458	Bumbalek, J. L.....8191	Carabia, J. P.....5921
Blanckmeister, J.....6959	Branaman, G. A.....5613	Bunning, W.....8288-90	Carayon, J.....7888, 8049
Blasingame, R. U.....8188	Brand, C. J.....5723	Burch, C. S.....6800	Carbonaro.....8268
Blauser, I. P.....5647	Brandon, J. H.....8522	Burch, D. S.....5393	Carbone, E.....8828
Blaurelt, W. E.....7980	Brannon, M. A.....6230	Burdick, R. T.....5489	Carl, F. L.....5615, 5617
Blaxland, J. D.....7468	Bransby, E. R.....8480	Bur, J.....8779	Carle, A. B.....7088
Blaxter, K. L.....7981	Bratley, C. O.....8403	Burger, I. J.....8745-6	Carlson, R. E.....5868
Blodgett, E. C.....6021	Braun, A. J.....6025	Burk, M. C.....8365	Carpenter, H. E.....5836
Blok, G.....9070	Braun, B.....7838	Burke, E.....6477	Carr, C. B.....8681
Blount, W. P.....7368	Braun, E.....7839	Burke, O. D.....6089	Carra, L.....7673
Blumer, S.....6022-3	Bray, G. T.....8457	Burkholder, C. L.....6423	Carreker, J. R.....6891
Blunn, C. T.....8632	Brayer, H. O.....7303	Burkholder, H.....6424	Carrick, C. W.....8923
Blyde, H. E.....8479	Brazelton, J. S.....9230	Burmeister, G.....8972	Carroll, J. F.....8413
Bodine, E. W.....6078	Breithaupt, L. R. 5667, 5669	Burmeister, H.....7841	Carruth, L. A.....8097
Boerker, R. H. D.....5829	Brenckman, F.....9361	Burnett, R. S.....7040	Carruthers, R. T.....9411
Boeuf.....8776	Bresse, G.....5867	Burns, J. C.....7304	Carter, D.....8615
Boguslawski, E. von.....6799	Bressou, C.....5804	Burns, W.....9199	Carter, J., Jr.....5535
Bohren, B. B.....8923	Bretey, J.....9408	Burr, M.....7692	Carter, M. M. 5684-5, 5688,
Bohstedt, G.....6741, 7113, 7224, 7664	Bretscher, H.....8481	Burrell, A. B.....8192	5691
Bolin, D. W.....5492	Bretz, T. W.....6026-7	Burtner, J. C.....7045	Cartwright, O. L.....7921
Bollenbacher, K.....5367	Brian, M. V.....8144	Burton, G. W.....6358	Carvajalino Jacome, L. J.....
Boller, K. H.....5432	Briccoli-Bati, M.....6742	Burton, H. K.....9327	8193
Bolli.....6475	Brice, B. A.....6305	Burton, L. V.....8366	Case, L. A.....5656, 5677-8,
Bolster, H. G.....5620	Brichet, J.....8397	Burt, F.....7983	5681-2, 5684-7,
Bond, C. A.....5363-4	Brierley, P.....6155	Bustamante, G.....9179	5689
Bond, E. W.....7469	Briggs, F. A.....9245	Buster, M. W.....8924-5	Casey, J.....5883, 6481
Bonilla A., G.....6941	Briggs, H. M.....5811, 7628	Buswell, J. H.....8304	Cash, E. K.....5996
Bonnafous, M.....9109	Brightman, M. H.....8423	Butler, M. L.....5367	Cash, L.....6147
Bonsteel, J. A.....5475	Brighton, H. W.....9362	Butterfield, H. M.....6550	Cassebeer, F. W.....6482-3
Boord, K. R.....9283	Brister, C. J.....8718	Butterworth, J. E.....5768	Cassel, A.....7772
Booth, F. L.....7087	Broady, K. O.....5768	Buzzard, C. W.....7769	Cassell, R. C.....6031-2
Borchardt, L. F.....8784	Brodbeck, A.....7768	Byers, G. B.....5594	Castagnet, A. D. 8829, 9111
Borden, A. D.....8189	Brodell, A. P.....8190, 8227	Byrd, H. C.....7137	Castan, R.....6231
Borgeson, C.....8955	Broen, M.....6028	Cabot, Mrs. S.....6478	Castaneda, J. A.....7674
Borgonovi, M.....6909	Brönnimann, R.....7246	Caceres y Martinez, A. R.....	Castanie, H.....9412
Borland, A. A.....7302	Brogan, D. W.....5724	7250	Castellani, E.....5838
Borowsky, J.....6764	Brohard, E.....6889	Cador, P.....8515	Castellanos, A. 5922-6, 6183
Borricand.....9267	Bromley, S. W. 6029, 6476, 7691	Caffe, P.....8157	Castells Salas, M.....6618
Borton, H.....9115	Brondo Whitt, G.....9178	Cahen, E.....5918	Castillo Calero, A.....7842
Bose, S. R.....5995	Bronkhorst, J. J.....7517	Cailleau, R.....9409	Castle, B. F.....8482
Bosman, G. J.....9177	Brooks, J. B.....5593	Cairaschi, A.....8045, 8048	Castle, C. V.....6855, 7251
Boso, C. M.....7516	Brooks, M. G.....5558	Cairns, A.....5351	Castro, M. P. de.....7905
Boswell, V. R.....5337, 6615	Broomhead, W. W. 7518-21	Cairol Garrido, F.....9110	Castruccio, L.....6339
Botha, J. P.....7114	Brown, B. E.....6616	Calderon Buendia, C. 9231	Cation, D.....6160
Bott, R.....7982	Brown, E. A.....5633-4	Caldwell, M. J.....7460	Caul, J. F.....7129, 7173
Botting, E. A.....7690	Brown, E. M.....5520	Caldwell, S. A. G.....8612	Cavallitto, C. J.....6293-4
		Calero, A. C.....7770	Cave, R. A.....7252
		Calfas, P.....6853	Cawthron Inst.....8032
			Centola, G.....8616



Item	
Central Vet. Soc.....	7138
Ceresa, M. C. D.....	6136
Cerra, F.....	7686
Cerveny, C. C.....	9378
Chadefaud, M.....	5991
Chadwick, L. C.....	6484, 6801
Chaffin, W.....	5651, 5653-5
Chamberlain, W. E.....	7139
Chand, A. D.....	8747
Chand, G.....	9075
Chandler, A. L.....	8780, 9328
Chandler, C. M.....	8899
Chandraekhar, S.....	9285
Chapman, C. J.....	6924
Chapman, E. L. R.....	5903
Charles, T. B.....	7524-5
Charnley, F.....	9019
Chatterjee, D. K.....	9413
Chausov, P.....	8194
Chauvin, R.....	7922-3, 8132
Chavagnat, M.....	8195, 8347
Cheesman, E. E.....	6698
Chen, H. K.....	8240
Cheney, F.....	5728
Chester, K. S.....	5546
Chevalier, A.....	5837, 5927, 8748
Chevalier, R.....	8518
Chhuttani, P. N.....	9463
Childs, E. C.....	6734
Chinoy, J. J.....	5884
Chiu, W. F.....	5997
Choate, E.....	7322
Chollet, M. M.....	6295
Cholodnyi, N. G. <u>See</u> Kholodnyi, N. G	
Chopard, L.....	8133
Chopra, I. C.....	6699
Choudhri, S. C.....	8430
Chowdhury, S.....	6033, 6942
Christensen, J. R.....	9519
Christian, J. T.....	8926
Christian, M. B.....	7706
Christie, A. H.....	7004
Christie, J. W.....	5343
Christine.....	6485
Chu, J.....	7984
Chubkova, A. I.....	7985
Chuvikov, V.....	9071
Chvatt, L. J.....	8026
Ciccarone, A.....	5838
Ciferri, R.....	5838
Cillis, U. de.....	9512
Clark, A. M.....	6486
Clark, C. A.....	5406
Clark, D.....	6700
Clark, F. O.....	9286
Clark, L.....	9329
Clark, M.....	9379
Clark, T. B.....	5708
Clarke, C. M.....	6212
Clarke, J. O.....	8571
Claus, G.....	5775
Clausen, C. P.....	5387, 5391
Clausen, R. T.....	5928
Clayton, E. E.....	6919
Cleavinger, E. A.....	5591-2
Clemons, G. M.....	9112
Clevenger, W. L.....	9451
Cliffe, A. E.....	7115
Cline, L. E.....	7471
Clinton, H. F.....	7526, 8305
Clokey, I. W.....	5929
Clokic, H.....	9501
Clute, W. N.....	5930, 6680
Cobb, H. H.....	8483
Cobb, J. S.....	8734
Cochran, H. L.....	5337
Cochran, W. G.....	9517
Cochrane, V. W.....	6232
Cockbain, E. G.....	8882
Cockerell, W. P.....	6383
Coe, D. M.....	6143

Item	
Coe, M. H.....	8173
Coffman, F. A.....	6319
Coggshall, W. L.....	7773
Cohen, J.....	8229
Cohodas, L.....	5440
Cohrs, P.....	7253, 7369
Coit, J. E.....	6156
Coldwell, M. J.....	9150
Cole, C. L.....	7633
Cole, J. R.....	5490
Cole, R.....	7654
Coleman, L. M.....	9006
Colhoun, J.....	6034
Colker, D. A.....	8592
Collatz, F. A.....	8784
Collazo, A.....	9113
Collett, A. W.....	5753
Collin, J. E.....	7986
Collingwood, F. C.....	7707
Collingwood, G. H.....	6990
Collins, G. P.....	9114
Collinson, H.....	7411, 7527, 8927
Collisson, C. F.....	8367
Collyer, F. V.....	6445
Colo. Agr. Expt. Sta.....	5489
Colwell, W. E.....	6229, 6233, 6259
Comber, H. F.....	5931
Combs, O. B.....	5710
Common, R. H.....	6296
Compton, O. C.....	6228
Compton, W.....	7049
Comstock, J. A.....	8098
Comstock, R. E.....	9450, 9518
Condé, B.....	8146
Confederazione Fascista dei Lavoratori dell'Agri- cultura.....	5717
Congreso Nacional de las Cooperativas de Colombia, 2. Comité Organizadora....	9330
Conklin, E. A.....	8196
Conn, G. H.....	7254
Conn. Agr. Col. Ext. Serv. .....	5563
Conn. Forest and Park Assoc.....	7097
Connell, W. E.....	7225
Connors, C. H.....	6035
Conover, D. S.....	6892
Conrad, C. C.....	8617
Consolazio, F. C.....	9430
Cook, M. E.....	6952
Cook, M. T.....	5998
Cooke, R. J.....	8398
Cooley, A. C.....	9287
Coombs, S. V.....	6488
Cooney, W. T.....	7529
Coons, Mrs. F.....	7005
Cooper, B. A.....	7924
Cooper, E.....	6489-90
Cooper, M.....	7412
Cooper, M. R.....	5756
Cooper, T. V.....	7335
Cooper, W. C.....	6397
Coordes, H.....	7843
Copeland, L.....	7200
Copley, J. J.....	6305
Core, E. L.....	5914
Corkum, B.....	7033
Cornehl, A.....	7844
Cornwall, G. F.....	7015
Correa, L. N.....	7655
Correa, O. N.....	7655
Correva, A.....	6491
Corrie, F. E.....	6297
Cory-Wright, A.....	8781
Cosby, H. E.....	5665, 7529
Costantino, G.....	7987
Costello, D. F.....	6359
Cottam, C.....	6036

Item	
Cotter, J. W.....	7237
Cotton, R. T.....	5339
Coulter, S. T.....	5506
Council on Foreign Relat.. .....	5769
Court, A.....	6306
Couture, C. E.....	9288
Cova-Garcia, P.....	5823
Covas, G.....	5932, 9519
Covell, G.....	8022
Coville, C.....	9115
Cowles, H. A.....	7925
Cox, Mrs. A.....	9489
Cox, A. B.....	8618
Cox, A. J.....	7708
Cox, C. E.....	6037, 6049
Cox, M. B.....	5545
Cox, M. G.....	8306
Cox, R. F.....	5811
Craig, F. W.....	7926
Crampton, E. W.....	7116
Crane, J. C.....	6991
Cranworth, L.....	7201
Cravens, W. W.....	7448
Crawford, D. M.....	8900
Crawford, F. W.....	7202
Crea, V.....	8391, 8619, 8901
Crehan, F. M.....	7591
Crête, P.....	6184-5
Creutz, E.....	7323
Crile, L.....	5418
Crocker, E. C.....	8414
Cronin, M. J.....	9261
Cronk, L. M.....	6492
Crook, A.....	9428
Cross, W. E.....	6090
Crovetto, R. M.....	6186
Crowfoot, D.....	6157
Crowther, G. W.....	8334
Cruess, W. V.....	8458, 8712-13
Csontos, J.....	7630
Cugnac, A. de.....	5933, 6298
Culbertson, R. E.....	6360-1
Cumani, G. M. de.....	9058
Cummings, R. W.....	6802
Cummings, M. B.....	6038, 6620-1
Cunha, T. J.....	7665
Cunin, G.....	6425
Cunkelman, J. W.....	7248
Cunningham, G. C.....	6309
Cunningham, L. C.....	5537, 8499
Cunningham, W. A.....	9363
Cupples, H. L.....	7709
Currence, T. M.....	6622
Currey, D. V.....	7710
Curtis, A. E.....	6493
Curtis, L.....	8938
Curtiss, W. M.....	8928
Cushman, H. E.....	8929
Cuthbert, F. L.....	6737
Cyr, C. W.....	5768
Dahlberg, A. C.....	7228
Dahle, C. D.....	8574-5
Daines, R. H.....	6144
Dale, W. T.....	6253
Danby, D. C. E.....	7336
Dancy, T. A.....	8099
Daniel, H. A.....	5545, 6893
Daniels, M. H.....	5840
Darby, H. H.....	9391
Darling, B.....	8023
Darlow, A. E.....	5811
Darmady, E. M.....	9414
Das, N. B.....	7140
Dasso Drago, E.....	8620
Datta, R. M.....	6187
Davey, A. E.....	5488
Davey, W. J. G.....	8883
Davault, L.....	7927
Davidson, O. G.....	7337
Davidson, W. B.....	7141
Davies, A. F.....	8766

Item	
Davies, J. E.....	9180
Davies, J. L.....	8484
Davis, A. F.....	8197
Davis, H. S.....	8621
Davis, J. C. P. M.....	6495
Davis, K. C.....	8902, 9114
Davis, L. E.....	6743
Davis, R. S.....	5934
Davis, V. H.....	6624
Dawson, E. Y.....	5992
Dawson, H. A.....	5768
Dawson, J. C.....	7711
Day, D. I.....	7203
Day, G. E.....	7305
Dean, F. W.....	7006
Dean, G. A.....	5339, 5590
Dearstyne, R. S.....	8930, 9450
Deas, S. P.....	7031
Deberti, M. J.....	7007
Debroin, J.....	8931
Decker, B. E.....	9289
Decker, G. C.....	5577
Dedrick, B. W.....	8782
Deems, H. W.....	8198
Deen, J. L.....	6973
Degener, O.....	5904
Deger, E.....	6744
Dehay, C.....	6188
De Klerk, J. C.....	8622
Delamarre de Monchaux, Comte.....	8932
Del. Agr. Expt. Sta.....	5408
DeLoach, D. B.....	8399
DeLong, D. M.....	8050
Demange, J. M.....	7886-7, 7911
Demolon, A.....	5862, 9181
Dempsey, P. W.....	6446, 6625
Denhardt, B.....	7398
Dennell, R.....	7693
Dennington, A. R.....	8230
Denny, J.....	7413
DePetris, V. R.....	6496
Derby, R. I.....	8792
De Ropp, R. S.....	7142-3, 7255
Deschamps, P.....	7928
De Silva, B. L. T.....	6234
De Terra, H.....	8024
D'Eitigny, J.....	6803
Detinova, T. S.....	8025
Devore, F.....	7656
Dewey, L. H.....	8623
Deyell, M. J.....	5821
Deysenroth, C. F.....	8541
Dhar, M. L.....	6699
Dharmani, L. C.....	7226
Diaz Lombardo, A.....	8431
Diaz Romero, E.....	6384
Dickerson, I. W.....	8174
Dickerson, J., Jr.....	8257
Dickins, D.....	9171
Diehl, W. W.....	5999
Digaud, A.....	9455
Digby, M.....	9331
Diller, J. D.....	8291
Dimmock, F.....	6385
Dimock, A. W.....	6039
Dimissowa, N.....	8043
Dittes, H.....	7845
Dittmer, H.....	5729
Dixon, W. H.....	8307-8
Doane Agr. Serv., St. Louis.....	5730
Dobrokhotoy, V.....	8783
Dodd, N. E.....	5369
Dodge, B. O.....	5885
Dodge, E. S.....	5896
Dodge, M. N.....	6145
Doflein, F.....	5871
Doljanski, L.....	7486
Dollfus, R. P.....	7888
Domingo, W. E.....	6213
Dona dalle Rose, A.....	8903
Donald, H. P.....	7204-5, 8661



Item	Item	Item	Item
Donisthorpe, H...7929,8072	Ehrenberg, P.....6745-6	Federer, W. T.....6702	Franz, E....7695-6,7934-5,
Doolin, R. J.....7227	Ehrlich, H.....8147	Fedrigo, G.....7256	8073-4,8104
Doolittle, S. P.....6158	Efrig, C. W. G.....5906	Felsenfeld, O.....8709	Fraser, A.....7989,8629
Dooman, E. H.....9115	Elcock, H. A.....8232	Felt, C. E.....8784	Fraser, F. C.....8105
Doremus, M.....5628	Eleazer, J. M.....7399	Fender, K.....8101	Fraser, H.....6094
Dorsey, L. M.....8516	El Itriby, A. A.....7204	Ferguson, C. M.....8310	Fraser, H. A.....9121
Dorsey, M. J.....6426,8682	Ellenby, C.....6168	Fernald, M. L.....5908-9	Fraser, S. B.....9055
Dosdall, L.....6091	Ellenwood, C. W.....6804	Fernandez de la Fuente, V.	Fraüendorfer, S. von..9499
Douglas, G.....6497	Ellery, J. W.....7846	6628	Frazier, W. A.....6629
Dove, M. A.....9439	Ellicott, P.....5632	Fernández y Fernández, R..	French, A. P.....5604,5612
Dove, R. F.....9439	Elling, C. G.....5811	9060	French, C.....7714
Dove, W. E.....5388	Elliott, C.....6092	Ferrari, C. G.....8792	Fresa, R.....6095
Dow, G. F.....8548	Elliott, J.....7009	Ferrin, E. F.....7667	Freyberg, W.....8158
Dowden, P. B.....5407	Elliott, R.....5569	Fethers, G.....7144,7370	Frezal.....6096
Downer, A. W. E.....9431	Ellis, D. E.....6000	Fevold, H. L.....7454	Frilant, R. J.....6362
Downer, H. E.....6498-500	Ellis, J. W.....7180	Field, H. I.....7145	Friedland, B. L.....7990
Downes, W. F.....6265	Ellis, M. G.....6237,8683	Fifer, M. W.....7621	Friedmann, G.....6859-61
Downey, L. A.....8830	Ellsworth, H.....7098	Figueiredo Jr., E. R. de..	Fritz, J. C.....7451
Downie, C. C.....8624	Elman, R.....9416	8102	Fritzsche, R..6427-8,6447
Draghetti, A.....6943	Elvehjem, C. A..8533,9427	Filbert, W. L.....8572	Fromel, W.....6748
Drake, T. G. H.....9428	Elwell, H. M.....5545	Filippi, L.....9054	Frost, R. E.....8485
Drechsler, C.....6139	Emerson, A. W.....6857	Findlen, P. J.....8720	Frostenson, G.....8928
Drew, E. L.....8831	Emmons, R. E.....7339	Finger, G.....7712	Fry, H. S.....7400,9184
Drew, K. M.....6190	Emslie, A. R. G.....7447	Finletter, T. K.....5731	Fryman, C.....6804
Drullard P., E.....6771	Emslie, L.....6805	Finney, K. F.....8785-6	Fugate, R.....7182
Drummond, W. C.....6235	Ender, C. A.....7605	Firmin, F.....6507	Fuller, J. G.....7183
Dryden, H.....7414	Englerth, G. H.....5461	Fischer, G. W.....6001	Fulton, M. D.....6807
Dubé, A.....9332	Englund, E.....8368	Fischer, H.....7890	Furlong, J. R.....8867
Dubey, D. S.....9116	Ensminger, M. E.....7665	Fishbein, M.....9292,9418	Furniss, G. B.....6510
Ducci, H.....7339	Enzler, K.....7774	Fishbein, V. A.....7636	
Duchesne, J. E.....8774	Epstein, J. A.....7258	Fisher, C. D.....8763	Gabaldon, A.....5823
Duck, J.....9290	Epstein, W.....6192	Fisher, D. F.....5366	Gabby, J. L.....8904
Duck, R. W.....7666	Erickson, E. C. O.....5432	Fisher, G. M.....5887	Gadgil, D. R.....8369
Ducoff, L. J.....9088	Erickson, T. A.....8176	Fisher, O. S.....5422	Gadola, A.....7259
Duffee, F. W.....8231	Erikson, D.....6146	Fister, R. G.....9061	Gagnepain, F.....5937
Duffus, U. H.....8384	Esaulov, P.....7620	Fitts, J. W.....6747	Gaines, J. G.....6919
Duffy, D. J.....6925	Escobar, A.....6315,6736	Fladness, S. O.....5393	Galindo H., I.....9080
Duggan, I. W.....9233	Escritt, J. R.....7641	Fleishman, D.....8229	Gall, L. S.....7129,7173
Dughi, R.....6191	Eskeu, R. K.....8592	Fletcher, D. G..6093,6321	Gallagher, P. H.....6781
DuMars, M. L..5350,5352-61	Esson, J. B.....5886	Fletcher, M. G.....5587	Galletti, R.....9256
Dumm, M. E.....7809	Estrop, L. P.....9059	Fleutiaux, E.....7930-2	Gallina, L.....7260
Dumser, D. W.....6398	Etchells, J. L.....5503	Fliess, W.....5732	Galpin, C. J.....9275
Duncan, C. W.....7279	Etter, A. F.....6442	Flock, M. V.....7530	Galvin, J. J.....8974
Dunckelman, P. H.....6389	Etter, H.....6238	Flood, F.....5650,5652,	Galway, D.....5938
Dunham, R. S.....6314,6320	Ettien, Mrs. I. E.....7631	9119-20	Gamache, D.....9185
Dunn, F. W.....5768	Ettinger, A.....9291	Flora, F.....9078	Gamble, R.....7775,7847-8
Dunscomb, Mrs. R. J.....6501	Ettinger, J.....6626	Fla. Agr. Col. Ext. Serv..	Gancev, M.....9090
Du Plessis, A. J.....8719	Eudaly, E. R.....7117	5564-5	Garbrecht, F.....7206
Dupre, H.....5869	Evans, R. J.....9417	Fla. Agr. Expt. Sta.5490-1	García Baylles, J. L.....
Duque, J. P.....9117	Everett, T. H.....6504-5	Flasdorf, E. W.....8884	8975
Duque Jaramillo, J. M.5841	Ewan, J.....5936	Flowers, P.....7181	García Cadena, A.....5733
Durante, D.....6735	Ewing, C. O.....6701	Flückiger, G.....7257	García Cruz, M.....9020
Durrell, W. B.....7449	Ezekiel, M.....9118	Foeste, A.....9447	Gardberg, M.....8194
Dusseau, A.....6236		Foley, E. J.....7258	Garinei, V.....7472
Duval, G.....8085	Fabian, P. W....5503,8459,	Foley, H.....7891	Garis, E. de.....7207
Duyck, L. H.....6856	8489	Foley, W. T.....8560	Garland, E. A.....6307
Dvoracek, D. C.....8625	Fabry, S.....8777	Follett-Smith, R. R.6806-7	Garnatz, G.....8787-8
Dyer, B. W., & Co.....8973	Faelli, F.....5808	Foot, F. J.....6858	Garnett, C. S.....5939
Dykema, P. W.....5673	Fagan, F. N.....8335	Forbes, I. L.....6040	Garoglio, P. G.....9122
Dymond, G. C.....6159	Page, L.....7889	Forbes, R. C.....7306	Garrard, W. M.....8630
	Fahey, J. E.....8126	Ford, L. H.....8201	Garrison, E. R.....5524
East, H. R.....5807	Fairburn, D. C.....6506	Fors, A. J.....7063	Garrison, O. B.....5337
Eastman, E. R.....9182	Falcioni, A. C.....8832-3	Forsell, M. J.....6104	Garst, W.....9219
Eastman, S. C.....9089	Falcone, N. G.....8559	Forster, G. W.....8638	Gasca, A. G.....9475
Easton, W. H.....8175	Famularo, M.....9076-7,9183	Forstmann, C. E.....8628	Gatwood, A. J.....9186
Eastwood, A.....5905,5935	Fardon, J. C.....6239	Foscoe, E. J.....9276	Gattefosse, J.....6703
Ebbs, J. C.....8388	Fargher, R. G.....8627	Foster, H. H.....6041-2	Gaume, R.....6170
Eberle, G.....7988,8100	Farish, L. R.....5515,8200	Foster, H. L.....6508	Gay, C. W.....7184
Eberle, H. F.....6894	Farnham, R. B.....5635,6840	Foster, J. C., Jr.....7324	Gaylord, D. C.....7715
Eberly, N.....7008	Farnsworth, Mrs. H.....8309	Foster, J. E.....6681	Geil, L. H.....8202
Ebersole, J. C.....8217	Farnsworth, H. C.....5773	Fourcroy, M.....6193	Gendron, L.....8348
Echenique L., J.....9333-4	Farrell, F. D.....5496	Fournier, P.....9455	Genest, P.....7511
Ecker, F.....7619	Farrier, C. W.....8292	Fowle, W.....9293	Gentil, K.....8106
Eddy, B.....7694	Farshler, E. R.....5809	Fowler, M. E.....5344	Gentry, R. F.....7146
Eden, A.....7634	Fawcett, W.....6410	Fox, H. M.....6509	Ga. Agr. Col. Ext. Serv...
Edgerton, C. T.....7657	Fedchenko, B. A.....5907	France, G. de.....8270	5566-8
Edgerton, C. W.....6389	Federación Argentina de	Francis, M.....7713,8593	Ga. Agr. Expt. Sta....5337
Edman, R.....8199	Cooperativas Tamberas	Francis, S. H.....6960	Gerber, W. D.....6862
Edmond, J. B.....5337	Ltda.....8567	Frandsen, J. H.....9419	Gerbes.....7776
Edmunds, F.....6502	Fédération Française des	Frankenberg, G. von..7933,	Gericke, B.....5423
Edwards, S. J.....7255	Sociétés de Sciences	8103,8148	Gericke, S....6772,6808-9,
Effern, J.....9415	Naturelles. Office Cen-	Frankenfeld, J. C.....5339	6944
Egger, R.....6503	tral de Faunistique..5817		Germani, P.....9247



Item	Item	Item	Item
Germany. Forschungs-	Grana, A. ....	Hall, E. G. ....	Hayden, C. C. ....
dienst. ....	7609	8721, 8771	7118, 7124,
Gervais, P. ....	Grand, R. ....	Hall, H. H. ....	7126
8460	9336	8392	Hayden, W. ....
Getson, S. F. ....	Grandjean, F. ....	Hall, H. S. ....	8545
8336	7893-7	8271	Hayes, E. ....
Ghidini, G. M. ....	Grandstaff, J. O. ....	Hall, H. T. B. ....	6997
87936	8632	7372, 8885	Hayes, W. B. ....
Ghiggoile, O. A. ....	Grange, C. ....	Hall, R. ....	6411
8489	7533, 9235	5349	Hays, L. ....
Giannotti, O. ....	Granger, C. ....	Hall, W. F. ....	9223
8057	8075	9299	Hayward, K. J. ....
Gibson, W. W. ....	Grantham, J. B. ....	Hallett, D. ....	8052
7892	7034	7416	Hazard, F. O. ....
Giehl, J. ....	Granville, J. ....	Halliday, I. G. ....	8134
7338	9036	8487	"Hazer'a" Co. ....
Giger, M. ....	Grasse, P. P. ....	Halperin, A. ....	6632
6511-12	8107	8790, 9236	Headley, F. B. ....
Giglioli, G. R. ....	Grau, C. R. ....	Halpin, J. G. ....	5533
5838	7452	7448	Heale, W. ....
Gilberg, H. ....	Gravatt, G. F. ....	Hamilton, H. G. ....	7475
9447	5344	8722-3	Healy, A. J. ....
Giles, W. F. ....	Graves, H. A. ....	8544	Heath, A. ....
6631	6408	8837	5824
Gill, L. S. ....	Gray, G. A. ....	Hammond, J. C. ....	Heath, O. V. S. ....
6000	9491	7474	6663
Gillespie, D. ....	Gray, M. F. ....	Hammond, R. E. ....	6387
8233	9337	7536	Hecker, H. E. ....
Gilman, J. C. ....	Gray, P. ....	7718	6897
5842	8976	Hancock, Wis., Expt.	Heckman, J. H. ....
Gilman, W. ....	Grayson, A. R. ....	Farm. See under Wis. Agr.	8423
9234	7473	Expt. Sta.	Hedlund, G. W. ....
Gilroy, A. B. ....	Grayson, E. C. ....	6699	8486
8026	6513	Handa, K. L. ....	Heep, F. W. ....
Gindick, F. ....	Gt. Brit. Imp. Inst. Con-	9277	7648
8738	sultative Com. on In-	Hansbrough, J. R. ....	Heermance, E. L. ....
Ginsburg, J. M. ....	secticide Mater. of Veg.	5461	7050
6043	Origin. ....	5529	Heger, A. ....
Girard, H. ....	7716	5492	6998
9079	Gt. Brit. Min. of Agr.	6098	Heid, J. L. ....
Girardin, G. ....	and Fisheries. ....	6099	8753
6863	6920, 7148	7105	Heilmann, E. ....
Giraud, A. ....	Gt. Brit. Min. of Health.	6936	5734
5940	Cent. Housing Advisory	5366	Heimbürger, C. C. ....
Giamond, J. F. ....	Com. ....	8371,	8109
8739-40	5770	9380-2	8203, 8235
Givens, S. T. V. ....	Greathouse, G. A. ....	6100	Heiner, M. K. ....
7697	5367	7537	8293
Giveon, H. ....	Green, D. F. ....	7538	Heinkel, F. V. ....
6895	7149	7991	9338
Glagoleva, E. M. ....	Green, E. ....	8979, 9383	Heino, W. ....
8027	9277	7059	7851-2
Glasgow, M. C. ....	Green, E. E. ....	5811	6738
5753	6514	7992	Heinrich, F. ....
Glass, I. R. ....	Green, H. H. ....	7781	5382
8834	7634	7990	5382
Glass, J. O. ....	Green, P. L. ....	8401, 8416	Heitmann, F. ....
7037	9294	7529	6975
Glaves, A. H. ....	Green, T. C. ....	5943	9038
5342	7675	8108	Heline, O. ....
Glembotiskil, I. A. ....	Gregg, E. E. ....	8684	7362
7622	7017	8452	Heller, H. ....
Glewen, L. E. ....	Gregg, O. I. ....	7991	7782
7185	9187	8452	Helliwell, E. H. ....
Gloor, G. ....	Gregory, H. A. C. ....	7035	8634
7849	6097	5870	5520
Gmür, O. ....	Griffith, M. E. ....	7658	Hempill, J. ....
7777	8051	7176	5350, 5353-5,
Gnägi, H. ....	Griggs, C. L. ....	9237	5357, 5359, 5361
9123	8543	8452	Henao Jaramillo, J. ....
Goddard, H. N. ....	Grigor'ev, M. ....	5533	6707
5872	9295	8906	Hendershott, R. A. ....
Göbel, F. ....	Grim, R. E. ....	7539	7264
7371	6737	8452	Henderson, C. ....
Goenaga, A. ....	Grimmitt, H. W. ....	5523	8862
6044	8349	5945	Henderson, D. ....
Goetsch, W. ....	Grinnells, C. D. ....	8452	7540
8149	9451	8452	Henderson, G. ....
Goettler, B. ....	Grinovero, C. ....	8452	6518
7208	9188	8452	Henderson, R. ....
Götze, R. ....	Grogan, H. L. ....	8452	7417
7106, 7360	Gross, M. Z. ....	8452	Henderson, T. G. ....
Goggin, F. J. ....	Gross, O. ....	8452	8546
7532	9124	8452	Henderson, W. J. ....
Gohl, C. R. ....	Gubin, A. F. ....	8452	6148
6896	8422	8452	Hendricks, H. E. ....
Goia, G. ....	Gudheim, A. R. ....	8452	5694
8800	9125	8452	Hendrickson, B. H. ....
Going, C. G. ....	Guébriant, de. ....	8452	6891
5810	8905	8452	Hendrix, J. W. ....
Gokhale Inst. of Politics	Guerin, B. C. de. ....	8452	8980
and Econ. ....	Gueutal, J. ....	8452	Henning, E. G. ....
8369	9296	8452	8838
Goldhaber, G. ....	Guevara Williams, L. ....	8452	6322
7486	7307	8452	8519
Goldsmith, G. A. ....	Guilbert, H. R. ....	8452	8510
9439	9297	8452	9081
Goldsworthy, M. C. ....	Guilhon, J. ....	8452	6323
6141	8519	8452	8338
Golenkin, E. ....	Guillaume, A. ....	8452	7076
6749	8751-2	8452	6898
Gomez, A. ....	Guillaumin, A. ....	8452	7853
8835	5942, 9421	8452	8177
Gonzalez, A. ....	Guillemet, R. ....	8452	6633
7010	8789, 9023	8452	Hernandez, V. ....
Gonzalez, A. de J. ....	Guimarães, R. B. ....	8452	Hernández Robredo, L. ....
6945	8076	8452	6634
Gonzalez, J. A. ....	Guinot, H. ....	8452	6519-22
9080, 9335	8440	8452	Herrerias T., A. ....
Gonzalez de Couto, A. ....	Guitonneau, G. ....	8452	8953
6363,	8518	8452	Herrin, R. C. ....
6841, 6974	8511	8452	7605
Gooder, M. ....	Gull, P. W. ....	8452	Herrmann, R. ....
7850	7027	8452	5775, 6750-1
Goodwill, F. C. ....	Gunderson, G. K. ....	8452	Hertslet, J. ....
7074	7261	8452	6899
Gopinath, D. M. ....	Gunderson, N. O. ....	8452	Herzer, F. H. ....
6240	5502	8452	8520, 9423
Gordon, D. ....	Guellotto, A. ....	8452	Heke, F. ....
8631	9513	8452	6900
Gordon, M. D. ....	Guthrie, J. E. ....	8452	Hess, E. ....
7632, 7647,	Guthrie, J. F. ....	8452	7100
8594, 8933	6704-5	8452	7039
Gordon, R. F. ....	Gutiérrez, M. ....	8452	Hesse, R. ....
7468	9508	8452	5871
Gordon, R. M. ....	Gutteridge, H. S. ....	8452	7783
7899	7780	8452	Heuberger, J. W. ....
Gordon, W. A. ....	Haag, H. M. ....	8452	6046-7
9476	5525, 8836	8452	Heuer, G. J. ....
Gorelov, V. ....	Habermann, R. T. ....	8452	6523
9091	7150	8452	Heussi, G. ....
Goresline, H. E. ....	Habibullah, M. ....	8452	6101
8944	6699	8452	Hewitt, A. C. T. ....
Gorini, C. ....	Hadert, H. ....	8452	7119
8517	5774	8452	Hewitt, A. S. ....
Gorodkov, B. M. ....	Hadlington, E. ....	8452	7401
6171	7415	8452	Hewitt, G. ....
Gorrie, C. J. R. ....	Hagedorn, D. ....	8452	6400
7147	9434	8452	Heyne, E. G. ....
Gottlieb, D. ....	Hagen, C. ....	8452	6099, 6319
6045	7717	8452	Hibbard, A. D. ....
Gouaux, C. B. ....	Hagerman, L. W. ....	8452	5527
6390	6515	8452	Hickerson, R. B. ....
Gougler, F. A. ....		8452	5697-700
8337		8452	
Gould, F. W. ....		8452	
5941		8452	
Gourley, J. H. ....		8452	
6429, 6789		8452	
Graber, L. F. ....		8452	
5709		8452	
Grace, C. W. ....		8452	
5768		8452	
Gracius, J. E. ....		8452	
5555		8452	
Graham, T. W. ....		8452	
6919		8452	
Graham, W. E. ....		8452	
8750		8452	
Grahame, D. ....		8452	
8400		8452	



Item	Item	Item	Item
Lacey, J.....9195	Lehmann, A.....7791,7815, 7849,8824-5	Lorimer, F.....9268	McKenzie, D. A.....8524
Lachman, W. H.....5611	Lehner, A.....9341	Losey, M. D.....8796	McKenzie, H. A.....8444
Läuger, P.....7725	Leiby, R. W.....5637	Losky, R. F.....8314	Mackenzie King, W. L.....9150
Lafortune, J. G.....7379	Leitch, G. B.....6981	Losse, K.....8165	MacKinney, G.....8761
Lager, M.....5825	Lelong, H. V.....5925	Lotti, T.....5435	McKinney, H. H.....6162
Lagos U., J. A.....8983	Le Masne, G.....7997	Lourteig, A.....5957	McLean, D. M.....6223
Laidley, H. D.....8724	Leming, M.....8245	Love, K. S.....6936	McLeod, D. H.....7255
Laing, F.....8151	Lemmon, R. S.....6543,6843	Low, S.....9150	McLeod, L.....6549
Laing, J. A.....7210-11	Lemons, H.....8686	Lowe, S. C.....7606	McLeod, R. P.....5631
Lallemand, V.....8056	Lengersdorf, F.....7998	Lowery, J. C.....6329	McMahon, F. D.....7344
Lamborn, O. H.....8984	Le Noury, J.....8160	Lowman, M. S.....6713	McMartin, A.....6115
Lamm, R.....6759	Lenroot, K.....5768	Lowrey, J. H.....6547	McMillin, M. P.....8495
Lammerts, W. E.....6541	Leonard, E. C.....5901	Luaces Agüero, J. L.....8871	McMunn, E. W.....8351
Lamney, W. C.....8207	Leonard, O. A.....6774	Lucas, C. F.....8577	McNabb, H.....8316
Lamond, H. G.....7404,7629	Leont'ev, I. F.....9436	Lucas, P. S.....8578	McNair, M.....8405
Lampert, L. M.....8522	Lepage, H. S.....8057	Lucchetti, E.....8710	McNall, P. E.....8705
Lancosme, E.....5855	Lepesme, P.....7947-50	Ludwig, A...7792-3,7859-60	McNeely, M.....3798,9198
Lancum, F. H.....9477	Lepkovsky, S.....7455	Lüdecke, H.....6254	McNeil, E.....7482
Landes, R.....9277	Le Riche, F. J. H.....8746	Lüthi, E.....6111	McNelly, C. L.....9136
Landis, B. Y.....9496	Leroux, D.....8818	Luhre, A. W.....8424	McPhail, M. C.....7235
Landis, L.....6905	Le Roux, J. C...6642,6649, 6711	Luna Vegas, R.....9269	McPherson, G. K....8957-8
Landreth, W. A.....8942	Leroy.....8795	Lund, C.....7405	Macpherson, N. J.....6647
Lane, G. H.....6148	Leslie, W. R.....6544	Lundberg, E. A.....8315	McQueeney, A. J.....9439
Lane, L...5683,5690,8208-9	Lespérance, R.....6365	Lush, R. H.....6813	MacRae, N. A.....9008
Lang, W. R.....8645-6	Leucos.....6712	Lutikova, O. T.....6269	McWhorter, G. E.....6906
Lange, E.-G.....7698	Leue, P.....7381	Lutz, J.....7234	McWhorter, O. T.....5664
Langford-Smith, N....9305	Levadoux, L.....6108	Lutz, L. A.....5657,5676, 5692	Madgwick, W. C.....8799
Langham, D. G.....6215	Lever, R. J. A. W...7726-7	Lyle, C.....7731-2,8115	Maeder, M.....8317
Langhard, O.....8493,8523	Levine, P. F.....7480	Lyle, E. W.....6112	Mäder, W.....7794
Langton, B. C.....5753	Levinson, A. F.....9457	Lynch, A. F.....8443	Maestri, R.....8987,9226
Langton, H. M.....8375	Levitán, A. H.....9365	Lynch, M. D.....8494	Magill, D. G.....7079
Lapin, M.....6328	Levy, F.....6643	Lypa, A. L.....6174	Magistretti, G.....7901
Laptey, I.....9072,9130	Lewis, H. F.....7042	Lysenko, T.....6330	Magnusson, H.....7483
La Rivers, I.....8077	Lewis, R. W.....8210	Lytton, L. R.....5534	Magruder, R.....6648
Larsen, H. C.....9064	Leyva y Andia, J. de...9306	MacArthur, M.....8759	Mahajan, Y. S.....9248
Larsen, L. F.....5624	Lhoste, J.....8152	McCallum, J. W.....7638	Maheux, A.....9270
Larsen, S. A.....8403	Lickey, H. F.....5706	McCann, L. P.....5644	Mahmud, K. A.....6142
Larsh, H. W.....6053	Lieu, K. O. V.....7951	McClellan, W. D.....6056	Main, R.....7018
Larson, A. H.....6684	Liger, P.....6341	McClure, S. W.....8841	Maine Agr. Col. Ext. Serv.....5595-6
Larson, A. L.....9114	Ligure, S. M.....7153	McClusky, H. V.....5768	Maine Agr. Expt. Sta..... 5408
Larson, R. G.....8985	Likert, R.....5362	McColl, E. L.....9134	Major, F.....9026
Larson, V. E.....6868	Limaye, D. G.....6870	McCollam, M. E.....6255	Malan, E. F.....6649
Laserie, E.....9131	Lincoln, M. D...5768,8434	McCollum, E. V.....9389	Malan, P. F.....6649
Lassetter, W. C.....9262	Lindsay, D. R.....6644	McConnell, O. E.....7123	Malhotra, P. C...9137,9199
László, F.....7677	Lindstrom, D. E.....5768	McCool, M. M...6256,6756, 6922,6931	Malkomesius, P. E.....5775
Latimer, L. P.....6450	Lines, J.....6545	McCornack, E. A.....8760	Mallis, A.....5819
Latin Amer. Econ. Inst.... 5767	Ling, L.....6109-10	McCown, M.....8688	Mallory, L.....5631
Lauffer, S.....8976	Linnard, E. W.....8687	McCraith, W. E.....8797	Malone, V.....9428
Laurence, B. R.....7995	Lipson, M.....8649	McCray, F. A.....9135	Maloney, T.....8651
Laverty, F. B.....6869	Lira López, S.....9342	McCroskey, R. M.....8211	Malpass, G. N.....7795
Lavrov, N. P.....8031	Lisoni Rojas, M.....6926	McCubbin, W. A.....6113	Manis, H. C.....5493,5573
Lawrence, M.....6542	Litkenhous, E. E.....8986	McCustion, F.....5768	Manke, K. F.....5555
Laycock, D. H.....6253	Little, C. H.....9114	McCulley, R. D.....7064	Manley, C. H.....8390
Lea, N.....8376	Little, R. D.....6546	McCulloch, E. C.....5778	Mann, A. I.....7309
Leahy, J. G.....8647	Littleton, B.....7623	McCullough, H. E.....8293	Mann, H. H.....6257
Leary, W. J.....5641	Litton, G. W.....7649	McDermott, N.....6656	Mann, T.....6790
Leathart, A.....8275	Litzenberger, S. C.5530-1	McDevitt, E.....9439	Mann, T. B.....7484
LeBeau, F. J.....6161,6165	Liu, W. T.....7728	McDonald, A.....7307	Manning, H. L.....5952
Lecat, P.....6299	Livingston, J. E.....5627	Macdonald, A. J.....7457	Manns, T. F.....6047,6057
Le Cerf, F.....8113	Lloyd, E. W.....9196	Macdonald, G. B.....6961	Manos, E.....6258
Leclercq, M.....7996	Lloyd, M. F. R.....6871	McDonald, M. H.....5642	Mansfield, W. S.....9200
LeCrone, F.....6641	Lobanov, P.....9133	MacDougall, T.....5958	Manson-Bahr, P.....7733
Lederle, P.....6750-1	Lockhart, J. A.....8404	McDowell, Sister M. M. A.. 6239	Manzi, E.....7154
Leding, A. R.....5534	Lockwood, L. B.....6300	Mace, G. C.....9197	Mao, Y. T.....8078
Lee, A.....9132	Lodge, C.....7456,7481, 7551,7729	McEvoy, J. P.....9307	Marani, M.....8800
Lee, D. H.....7858	Lodi, H. S.....8943	McFadyean, Sir A.....5777	Marcenaro-Boutell, R..8300
Lee, H.....8725	Loest, F. C.....6645	McFarland, J. H..6548,9497	Marchettano, E.....8297
Lee, S. W.....7258	Logiúdice, N. C.....8418	McFarlane, J. S.....6629	Marcus, I. H.....8689
Leeder, J. G.....8576	Lokanathan, P. S.....9043	McFarlane, V. H.....8944	Marcuse, S.....9520
Leeds, H. A.....8114	Long, J. S.....5830	McGeorge, W. T.....6757	Marden, L.....8406
Leemann, W.....7380	Long, W. H.....6003	McGibbon, W. H.....7448	Maresquellé, H. J.....9498
Leetun, M. E.....8159	Longsdorf, H. E.....7188	McGillivray, K. D....6455	Mariani, M.....9201
Lefebvre, C. L.....6107, 6118,6149	Longwell, J. H.....5642	Machacek, J. E.....6114	Maril, L.....5848
Legent-Fournès, P....8463	Lönnemark, H.....8276	McHenry, E. W.....9387	Marrack, J. R.....9388
Leggate, J.....7550	Loosli, J. K.....7287	Macherel, P.....8515	Marre, R. A.....9366
Leggett, W. F.....8648	López Alonso, A.....7730	McIndoo, N. E.....5410	Marritt, I. C.....7012
Legend, D.....5956	López Gómez, P.....6414	Mack, M. C...5659-62,5668	Marsden, S. J.....5398
Legend, J. J.....7900	Lorenzo, J. R.....8650	McKain, W. C., Jr.....9095	Marsh, P. B.....5367,6058
Le Grice, E. B.....6054	Lorie, J. H.....8435,8848	McKenna, P. J.....6950	Marsh, R. W.....5891
Lehman, H. H.....7479			Marshall, C. E.....5522-3
Lehman, S. G.....6055			Marshall, R. E.....8226



Item	Item	Item	Item
Marshall, W. H.....8959	Messerli, W.....7272	Mont. Agr. Expt. Sta.....	Murr, A.....7853
Marth, E. H.....7185	Messmore, H. L.....7273	5529-31	Murray, D.....8113
Martin, A. S.....9263	Métalnikov, S.....8117	Huntley Branch Sta.....5529	Murray, D. B.....9514
Martin, B. F.....9308	Metcoff, J.....9439	Mont. State Col. Ext.	Murray, J.....7125
Martin, E.....8639	Mevius, W.....5849	Serv.....5620-2	Murray, N. C.....8802
Martin, G.....8579	Mexico. Dirección General	Montepeqne Ramirez, J.....	Murwin, H. F.....6051
Martin, H.....7725	de Agricultura. Sección	9310	Muth, O. H.....5674-5
Martin, J. H.....6216	de Legislación Cuaren-	Montgomery, J. T.....7213	Myers, A.....7864
Martin, W. H.....8690	tenaria.....7734	Montreuil, J. E.....6366	Myers, F. E., II.....8354
Martin, W. J.....6059	Meyer, A.....6062	Mooney, O. V.....7020	Myers, W. I.....8435, 8848
Martin, W. S.....6783	Meyer, B. S.....6164	Moor, W. St. C.....9271	
Martinez, A.....6005	Meyer, H.....7799-802, 7861-2	Moore, A. C.....7552-6, 8945	Nabokov, V. A.....8034
Martínez, R. J.....9096	Meyer, H. R.....7071	Moore, B.....7335	Nance, G. B.....5618
Marty, H.....8352	Meyer, J. C.....8654	Moore, E.....5350, 5352-61	Nandi, H. K.....6331
Martyn, E. B.....6060	Meyer, L. F.....7424	Moore, E. C.....6415, 6685-6	Narain, R. D.....8990
Marulanda Caicedo, L.....7310	Michaud, L.....8533	Moore, F. E.....7557	Nardo, L. U. de.....8803
Marvich, S.....9138	Michener, R. T.....6907	Moore, H. I.....6367	Nash, H.....7311
Mas-Guindal, J.....6714	Mich. Agr. Expt. Sta.....	Moore, H. P.....7451	Nash, J. M.....9097
Masoero, P.....8525	5503-4	Moore, J. H.....8656	National Ed. Assoc. of
Mason, H. L.....5959	Mich. Dept. of Conserv.....	Moore, L. A.....7237	the U. S.....5768
Mason, K. M.....8526	5739	Moore, M. H.....6117	National Fire Protect.
Mass. Agr. Expt. Sta.....	Mich. State Col. of Agr.	Moore, S. S.....7029	Assoc.....5771
5501-2	Ext. Div.....5613-14	Moore, W. B.....7735	National Inst. of Agr.
Mass. Dept. of Pub.	Micko, Mrs. J. G.....6551	Moots, F. E.....6552	Engin.....8251
Safety.....5600	Middleton, G. K.....6259	Morales Arjona, E.....6718	National Milk Publicity
Mass. State Col. Ext.	Middleton, J. T.....6078	Moran, R. V.....5928	Council.....9441
Serv.....5597-612	Miehe, H.....5849	Morehouse, N. F.....7487	National Pub. Assoc...5779
Massey, L. M.....6061	Mikhel'son, N. M.....7382	Morgan, A. F.....9409	National Recreation Assoc.
Massey, R.....7271	Milans, J.....7062	Morgan, B.....5768	5868
Massler, M.....9393	Miles, W. C.....7803	Morgenthaler, O.....7782,	National Res. Council.
Masten, F. O.....8247	Miley, D. G.....8262, 8676	7804-5, 7824	Com. on Food Habits..9398
Masterman, N. K.....8339	Millan, R.....8691	Morici, F.....9249-50	National Roster of Sci.
Masurovsky, B. I.....8988	Millar, G.....5740	Morley, B. D. W.....8079	and Specialized Personnel
Mateus, L.....6814	Miller, C. D.....9440	Moroni, E.....9344	5851
Mathers, W. G.....7941	Miller, D.....8032	Morozov, G.....6342	Naupert, A.....5780
Matheson, D. C.....7155	Miller, E. V.....9241	Morris, A. J.....8496, 9073	Navarro Cardona, A....6065
Matsuura, M.....6629	Miller, F. F.....9140	Morris, B. T.....5850	Naves, Y. R.....8908
Matthysse, J. G.....8161	Miller, H. D.....8340	Morris, F. W.....6844	Nayer, P. N.....8990
Mattiello, J. G.....5830	Miller, Mrs. J.....6716	Morrison, F. R.....8909-10	Neal, O. R.....6872
Kattingley, G. H.....8735	Miller, J. P.....8318	Morrison, K.....8989	Neale, J. R.....8844
Mattingly, J. P.....7458	Miller, R. C.....7624	Morrison, S. R.....7214	Neatby, K. W.....6908
Maughan, J. H.....6865	Miller, R. N.....5703	Morrow, E.....8378	Nebr. Agr. Col. Ext.
Maughan, M. O.....8547	Mills, E. M.....9478	Morrow, J.....8219	Serv.....5623-34
Kaughan, O. H.....9216	Mills, P. J.....6040	Morrow, M. G.....8858	Nebr. Agr. Expt. Sta..5532
Mawson, C. A.....9437	Minckler, L. S.....6962	Morse, R. W.....5674-5	Neely, J. W.....6343
May, C.....6164	Miner, M. L.....7485	Morton, C. V.....5962-3	Nègre, E.....8465
Mayer, K.....9139	Minges, P. A.....6825	Morton, J. A.....9345	Negrete e Ituarte,
Mayers, M. R.....9399	Minneman, P. G.....9009	Mosher, A. T.....9311	J. B. C.....7274
Maynard, Sister M. T..6239	Minn. Agr. Expt. Sta.....	Mosher, F. D.....7090	Nehring, K.....6816
Mayne, W. W.....6715	5505-6	Mosher, R. H.....7070	Nelson, A.....5964
Mayo, J. W.....8744	Minn. Univ. Div. of Ent.	Mosimann, W.....8528	Nelson, F. C.....7736
Mayo, N. S.....7156	and Econ. Zool.....5408	Mosley, F. O.....6064	Nelson, N. M.....7488
Mayo, S. C.....5540, 9309	Minter, C.....7212	Mould, A. H.....8250	Nelson, P.....9114
Mazzaron, A.....8527	Minter, R. D.....8655	Moutia, L. A.....7955	Nerenberg, G. A.....8581
Mazzocchi-Alemanni, N.....	Mirov, N. T.....6301	Mowbray, G. St. L.....6553	Ness, A. R.....7109
9202	Miss. Agr. Expt. Sta..5337,	Moyer, R. T.....7190	The Netherlands. Phyto-
Mazzoni, R.....8889	5408, 5507-18	Mrak, E. M.....8763	path. Serv. Wageningen...
Means, R. H.....7236	Mo. Agr. Col. Ext. Serv...	Mucciolo, P.....8843	7956
Medici, G...8377, 9056, 9499	5528, 5615-19	Müller.....8873	Neto, J. A.....6909
Médici, M.....7796	Mo. Agr. Expt. Sta..5520-8	Müller, J.....6719, 7189	Nettel F., R.....8000
Médin Rehnfeldt, C. A.....	Mo. Conserv. Comm.....7019	Müller, P.....7725	Netto, F. A.....7312, 8582,
9438	Miszurski, B.....7486	Müller-Miny, H.....5741	9442
Mehrhof, N. R.....5564	Mitarnovskii, V. M.....8033	Muggli, J.....7650	Neubauer, E.....6775
Mehta, V. L.....9343	Mitchell, A. K.....8842	Muir, R.....9346	Neubauer, H.....6775
Meierhofer, E.....7797-8	Mitchell, C.....8762	Mukerjee, R.....8379	Neugebauer, V.....6784
Meiners, E. P.....8138	Mitchell, H.....8353	Mukerji, A.....7345	Nev. Agr. Expt. Sta..5533
Meitès, M.....6198	Mitchell, J. W.....6150	Muller, H.....6404	New, I.....9142
Melchers, L. E.....6099	Mitchell, N.....8257	Mullett, H. A.....9141	N. J. Agr. Col. Ext. Serv.
Melhus, I. E.....6116	Mitchell, N. M.....8248	Mullins, C. E.....7021	5635
Mello, J. C.....9367	Mitchell, R. S.....8425	Mulloy, G. A.....6309	N. J. Agr. Expt. Sta..5408
Meloy, G. S.....8652	Mitchell, T.....8341, 8445	Muma, K. E.....7902	N. Mex. Agr. Expt. Sta....
Mendum, S. W.....5756	Mitra, A. K.....6006	Muma, M. H.....7902	5534-6
Menkin, J.....5744	Mitscherlich, E. A....6758	Mumford, W. L.....9065	New South Wales. Dept. of
Menzel, R.....8058, 8116	Mix, A. J.....6063	Munce, T. W.....7496	Agr. Biol. Branch...8529
Méquignon, A.....7952-4	Moas, M.....8180	Munger, F.....5411	N. Y. (Cornell) Agr. Col..
Merchant, I. A.....8872	Moldroch, J.....8360	Munro, J. A.....7806, 8080	Ext. Serv.....5636-9
Meredith, R.....8653	Moldavan, A.....8580	Munsell, L.....5631	N. Y. (Cornell) Agr. Expt.
Merrick, D. E.....5382	Moldenke, H. N.....5960-1	Muratov, M.....6687	Sta.....5537-8
Merrifield, A. L.....7040	Molfino, J. F.....6717	Murchison, C. T.....8657	N. Y. Metrop. Mus. of Art.
Merrins, F.....6815	Monroe, C. F....7118, 7124,	Murneek, A. E.....6260	5840
Mervine, E. M.....7225	7126	Murphy, E. J.....8801	N. Y. (State) Agr. Expt.
Mesnil, L.....7999		Murphy, H. C.....6319	Sta.....5539



Item	Item	Item	Item
N. Y. State Dept. of Agr. and Markets.....5380 Bur. of Markets...5459-60 New Zealand. Dept. of Sci. and Indus. Res.....6241 Newcomb, F.....8726 Newcomer, E. H.....6261 Newman, L. H.....8115-20 Newman, T.....7425, 7459, 7558-9 Newton, L.....6720 Newton-White, E.....9242 Nicholas, J. E.....8252, 8446, 8583 Nicholson, A.....8727 Nicholson, W. D.....5649 Nicol, G.....7383 Nicol, H. S.....8845 Nicolaisen, W.....6776 Nielsen, N. I....5667, 5669, 8407 Niemeier, Mrs. J.....6555 Nigg, M.....7275 Nilsson, F.....6759 Nissen, B. H.....8976 Niven, L. A.....6332 Nixon, E. L.....6066 Nixon, W. M.....6910 Noachovitch, G.....8419 Noftzger, S. A.....7426 Nogin, T. C.....7276 Nohle, E. G.....7129, 7173 Noirjean, P.....7384 Nordby, J. E.....8846 Norgaard, U. J.....6368 Norman, P.....9400, 9458 Normand, D.....5965 Normand, H.....7957 Norris, F. H.....7080 Norris, G.....7594 Norris, R. E.....6817 Norris, R. V.....8466 N. C. Agr. Expt. Sta..... 5540-1 N. Dak. Agr. Col. Ext. Serv.....5640-3 Northrup, F. B.....5349 Norton, C. L.....7287 Norton, D. M.....7363, 7406 Norton, E. B.....5768 Nottin, P.....8804 Nowosad, F. S.....7453 Núñez Andrade, R.....8153 Nuret, H.....8805 Nutman, P. S.....6262 Nyenhuis, E. M.....6649 Nyström, A. G.....7165  Obaton, F.....6263 O'Beirne, M.....6993 Oberholzer, P. C. J.....6818 Obermayer, M. E.....7808 O'Brien, E. J.....8806 Ochoa, L.....6679 O'Connor, R. T.....9405 O'Dea, S.....8874 Odum, H. W.....9277 Oeschger, J.....6721 Ogburn, W. F.....9277 Ogilvie, G. F.....5742 Ohaus, F.....7958 Ohio. Agr. Col. Ext. Serv.....5644-7 Ohio. Agr. Expt. Sta..... 5542-3 Ohio. State Univ. Dept. of Rural Econ.....8823 Ohlsen, T. L.....8510 Ojemann, J. G.....7157 Okáč, A.....6760 Okey, R.....9443 Okla. Agr. Col. Ext. Div.....5648-55 Okla. Agr. Expt. Sta..... 5408, 5544-9 Olive, L. S.....6118 Oliver, R. S.....6067 Olmstead, R. H.....7215 Olson, W. Z.....5439-40 Onsdorff, T.....5656 Ontario. Dept. of Agr..... 7235 Oparin, A. I.....6302 Opitz, K.....6264 Oppenheimer, H.....6416 Oppermann, M.....7385 Oppermann, T....7158, 7385, 7679 Oreg. Agr. Expt. Sta.....5408 Oreg. State Col. Ext. Serv.....5656-92 Oren, A.....9278 Orent-Keiles, E.....9410 Orland, H. P.....8361 Orlov, E. S.....7159, 7636 Orr, A. E.....9098 Ortega, P. M.....7216 Ortiz Garmendia, J....6873 Ortloff, H. S.....6556 Orton, C. R.....6874 Orwin, C. S.....9500 Osborn, B.....6369 Osborn, F. J.....5753 Osorio, L. H.....6650 Osse, L.....6951 Ostrom, C. E.....7065 Oswald, A. L.....7364 Oswald, F. G.....5830 Otto, L.....8355 Otto, M. L.....5495 Ovens, F. J.....5631 Overholt, V.....6875 Overman, O. R.....8530 Owen, E. C.....6819 Owen, W. P. See Powell- Owen, W. Owens, J. S.....6370 Pablo Duque, J.....6785 Packard, C. M.....5389 Packard, W. E.....6876 Packer, J. E.....9222 Padwick, G. W....6007, 6068 Pagan, V.....6243 Page, E. C.....5606 Paget, R. F.....7625 Pal, S.....7984 Pairault, A.....7865 Pal, B. P.....6392 Palavicini, F. F.....9272 Pallaske, G.....7489 Palmer, C. C.....7277 Palmer, C. D.....8692 Palmer, E. L.....5639, 6008 Palmer, L. S.....9429 Palomo, G.....9479 Palti, J.....6069 Pan Amer. Union.....9507 Papi, G. U.....5743 Pareschi.....9347 Pareschi, C.....9145 Parish, A. J....7490, 7560-1 Parisi, E.....8807 Park, O.....7959 Parker, B. M.....5852 Parker, F. M.....9446 Parker, G. R.....8693 Parker, J. E.....5642, 7427 Parkin, I. E.....7313 Parks, T. H.....7950 Parks, W.....9368 Parlow, A. E.....6999 Parnham, G. F.....7595 Parodi, L. R.....5966 Parrot, A. G.....6199 Parrot, L.....8001 Parsons, H. H.....7103 Parsons, H. T.....9447 Parsons, M. S.....8808 Parvin, D. W.....5507, 8847 Paschke, J.....7866 Pascual, P.....7867 Pate, V. S. L.....8081-2 Patel, S. K. J.....9066 Paton, T. A. L.....5753 Patrick, J.....8253 Patterson, E. K.....7809 Patworth, D.....7596-7, 7600, 7607-8 Paul, A.....7626 Paul, R. E.....9082 Paulian, R.....5817, 7950, 7961 Paulian de Félice, L..... 7903-4 Pavlovsky, G.....9167 Payne, L. F.....7460 Pazourek, L.....9448 Peabody, E. M.....5744 Peacock, T.....8497 Pearce, W. ....6557 Pearson, F. A....8435, 8848 Pearson, J.....6651 Pearson, J. H.....9312 Pease, C. H.....9449 Peckham, G. T., Jr....8976 Peebles, I. E.....8142 Peirce, R. H.....5773 Peirson, H. M.....8890 Pellegrin, F.....5967 Pelletier, J. R.....8849 Peltier, M.....8083 Pence, R. O.....8809 Penfold, A. R.....8909-10 Penn, R. E.....6372 Pennington, M. E.....8403 Pa. Agr. Expt. Sta....5550 Pa. Univ. Wharton School of Finance and Com...8621 Peraza Nunez, M. J....8911 Pereira, A. L.....6939 Pereira, C.....7905 Pereira, H. F.....8102 Perez Arbelaiz, E....6911, 7099 Perini, D.....9243 Perkins, A. E.....7118, 7124, 7126 Perkins, J. E.....9399 Perrig, K. A.....7022 Perry, H. S.....6217 Perry, R. L.....8763 Perry, T. A.....7051 Peru. Ministerio de Hacienda y Comercio. Dirección Nacional de Estadística.....5745 Pesce, P. A.....7355 Pescott, E. E.....6912 Pesson, P.....8002, 8154 Peters, W. H.....7662 Petersen, W. E....7232, 7317 Peterson, H. B.....6952 Peterson, L. C.....6127 Peterson, M. J.....5552 Peterson, W. J....9450-1 Petrie, S. M.....5982 Pett, L. B.....9452 Petty, H. B.....5577 Pettyjohn, L. E.....9067 Pew, J. C.....7071 Peyer, E.....6070, 6451-2 Peyre, P.....5853-6 Pfaff, E.....6254 Pfaff, H. J.....8763 Phillips, A. M.....5490 Phillips, C. E.....6057 Phillips, E.....7030 Phillips, E. F.....7858 Phillips, F. T.....7052 Phillips, H.....9203 Phillips, H. L.....7739 Phillips, J.....9146 Phillips, R. W.....7190 Phillips, S. M.....8538 Philp, J.....6218 Piat, P.....8991 Pic, M.....7962 Picaza, J.....6431 Pickford, I. T.....8549 Pickles, A.....7740 Pickup, E. G.....8035 Pien, J.....8531, 9453 Pierce, C. W.....8542 Pierce, W. D.....7699 Piettre.....9348 Piettre, L....8810-11, 8813 Piettre, M.....8380, 8447, 8812-13, 8850, 8946, 9010 Pikovski, M.....7486 Pillay, M. V.....7191 Pinkney, E. T.....7047 Piper, W. E.....8694 Pitner, J.....5508-10, 5512-14, 5517-18, 6791, 6821-2 Pittam, W.....7086 Pizer, N. H.....6265 Place, H. M.....7032 Place, R. M.....6558 Planes Garcia, S. P...7906 Pliashkevich, A. I....7160 Podlipenko, F.....6823 Poehlman, J. M.....5521 Poggendorff, W. H....6386 Poisson, R.....8059 Pollum, L. B.....9313 Polunin, N.....9501 Pomerantz, C.....7741 Pomerleau, R.....6119 Pompa, A.....8584 Pond, E.....5706 Ponomarenko, F.....5333 Pontis, R. E.....6120 Porges, N.....9405 Porges, R.....8287 Porter, C. L.....5968-70 Porter, R. H.....5584 Portevin, G.....5820, 8003 Porto, A.....7609 Poser, K.....5781 Posey, R. S.....8319 Post, A. H.....5530-1 Potarin, A.....7669 Pouder, H. C.....7110 Poulin, L. P.....9369-70 Pound, G. S.....6165 Poutiers, R.....8060 Powell, M.....9390 Powell-Owen, W.....7428-9, 7562-3 Power, R. A.....5746 Pratt, E.....8254 Pratt, J. M.....7461 Praviet, G.....8121 Preble, N. A.....7262 Prenant, M.....9502 Pretoria Univ.....8716 Prewett, L. P.....7314 Priault, A. M.....5963 Price, F. W.....5630 Priestley, H.....8875 Priestley, J. H.....6200 Prill, E. A.....7173 Primack, B.....8947 Prince, A. E....6071, 6122-4 Pringle, E. S.....9099 Prior, R.....8498 Pritchett, C. H.....9277 Pritchett, H. D.....7564 Prokofiev, A. A.....6266			



Item  
 Protzman, C. M.....8658  
 Puerto Rico (Rio Piedras).  
 Agr. Expt. Sta.....5551  
 Fugaley, A. T.....6125  
 Purchas, F. H.....9151, 9251  
 Purkey, D. R.....9314  
 Putnam, H. O.....6334  
 Putzolu, A.....9152  
 Pyke, W. E.....9454

Quackenbush, A.....6652, 7742  
 Quastel, J. H.....6262  
 Queisner, R.....7743  
 Quick, N. H.....7462  
 Quin, A. H.....7161, 7491  
 Quisenberry, J. H.....7598

Rabaud, E.....7907, 8122  
 Rabold, C. N.....8659  
 Raevskii, G. E.....8036  
 Raggi, C. A.....6432  
 Ragsdale, E.....5567  
 Rahman, A.....7745, 7810  
 Raimo, H. F.....7566, 8320  
 Rajalakshman, D. V.....8381  
 Rajan, M. R. D.....6126  
 Rakhmanova, P. I.....8037  
 Rambo, E. K.....7746  
 Ramirez Silva, F. J.....6243  
 Ramming, R. P.....8814  
 Ramsay, A.....9480  
 Ramsey, R. J.....8585  
 Randoil, L.....9455  
 Randolph, J. W.....6609  
 Randolph, L. F.....6201  
 Ranford, L. J.....9481  
 Ranft, E.....6559  
 Ranganathan, B.....6208

Ranger, L.....9153  
 Rankin, K. L.....7066  
 Rankin, W. B.....7430  
 Ransom, E.....9027  
 Ranum, E.....7869  
 Rao, B. M.....7278  
 Rao, B. S.....9044  
 Rao, G. S.....8038  
 Rao, S. S.....7567  
 Rao, T. N.....6392  
 Rao, T. R.....8041  
 Rao, T. S. R.....8041  
 Rao, V. S.....6202  
 Raper, A.....5362  
 Rapp, W. F.....8123  
 Raptopoulos, T.....6827  
 Ratcliffe, R. L.....8500  
 Rathore, G. S.....7386  
 Rattray, M.....9028  
 Rau, P.....8084  
 Bauber, E. L.....8660  
 Rauch, G.....8764  
 Rauterberg, E.....6777  
 Rawson, G. W.....8124  
 Rawson, H. W.....9068

Ray, G.....8912  
 Ray, G. E.....9482  
 Ray, H. N.....7162  
 Ray, J. B.....8992  
 Raymond, C. B.....5638  
 Razous, P.....9154  
 Read, H.....8255  
 Rebour, H.....6405, 6433  
 Red Plains Conserv. Agr.  
 Expt. Sta.....5545  
 Redd, J. B.....7747  
 Reddick, D.....6127  
 Reder, R.....5547  
 Reed, D. L.....8993  
 Reed, E. G.....8864  
 Reese, E.....6267  
 Reese, L.....6267  
 Reeves, M. D.....6300

Item  
 Regio Istituto Agronomico  
 per l'Africa Italiana.....  
 5838  
 Rehn, J. A. G.....8139  
 Reich, G. T.....8994-5  
 Reichmuth, W.....3162  
 Reichsverband Deutscher  
 Kleintierzüchter.....9525  
 Reid, A. W.....8004  
 Reid, D. A.....6318  
 Reid, E. B.....8765  
 Reid, J. T.....7279  
 Reilhes, R.....6203  
 Reinecke, M. R. V.....6649  
 Reinecke, E. P.....7492  
 Reinhold, R.....6560  
 Reinking, O. A.....6072-4  
 Reiss, A.....6373  
 Reiss, R. L.....5753  
 Reitz, L. P.....5497  
 Rendón V. A.....9155  
 Renshaw, B.....7568  
 Restrepo, R. L.....9273  
 Retief, D. F.....6653  
 Rettie, J. C.....5442  
 Reumann, C. H.....8661  
 Reynolds, E. B.....6824  
 Reynolds, Q.....8408  
 Rezende-Pinto, M. C. de...  
 6009

Rhodes, A. S.....6163  
 Rhodes, W. E.....8766  
 Ribeiro, J. A.....8256  
 Riccardi, A.....8382, 9371  
 Rice, E. S.....9392, 9456  
 Rice, S. A.....9521  
 Rice, V. A.....7217  
 Rice, W. S.....8696  
 Richards, A. E.....8383, 9349  
 Richards, A. G., Jr.....7809  
 Richards, B. L.....6163  
 Richards, D. E.....5621  
 Richards, P. W.....9503  
 Richardson, C. T.....8510  
 Richardson, H. B.....6825  
 Richardson, L. S.....5392,  
 5397  
 Richardson, T. C.....6913,  
 7218  
 Rickard, J. A.....6335, 8697,  
 8913  
 Ricker, C. C.....6877  
 Ridgway, A.....8996  
 Riedl, W. A.....5562  
 Riehm, H.....6761  
 Riemer, S.....8298  
 Ries, V. H.....6561  
 Rietz, J. H.....5560  
 Riker, A. J.....6075  
 Rinckleben, P.....6762  
 Riser, W. H.....7163  
 Risueño, A.....9156  
 Ritter, G. A.....7081  
 Ritter, P.....7268  
 Ritzhaupt, L. H.....7431  
 Rivas, J. G.....5782  
 Roa, E.....7611  
 Roach, R. W.....7280  
 Roark, R. C.....5390-1, 5413  
 Bobb, R. F.....9029  
 Rober, E. E.....6562  
 Roberson, F. K.....6563  
 Robert, A. L.....6147  
 Roberts, H. W.....9315  
 Roberts, J. A.....8299  
 Roberts, J. F.....7811-12  
 Roberts, R. H.....7813  
 Roberts, W. C.....7870  
 Roberts, W. M.....9451  
 Robertson, G.....7569  
 Robertson, H. M.....9252  
 Robertson, J. D.....8005

Rhoads, A. S.....6163  
 Rhodes, W. E.....8766  
 Ribeiro, J. A.....8256  
 Riccardi, A.....8382, 9371  
 Rice, E. S.....9392, 9456  
 Rice, S. A.....9521  
 Rice, V. A.....7217  
 Rice, W. S.....8696  
 Richards, A. E.....8383, 9349  
 Richards, A. G., Jr.....7809  
 Richards, B. L.....6163  
 Richards, D. E.....5621  
 Richards, P. W.....9503  
 Richardson, C. T.....8510  
 Richardson, H. B.....6825  
 Richardson, L. S.....5392,  
 5397  
 Richardson, T. C.....6913,  
 7218  
 Rickard, J. A.....6335, 8697,  
 8913  
 Ricker, C. C.....6877  
 Ridgway, A.....8996  
 Riedl, W. A.....5562  
 Riehm, H.....6761  
 Riemer, S.....8298  
 Ries, V. H.....6561  
 Rietz, J. H.....5560  
 Riker, A. J.....6075  
 Rinckleben, P.....6762  
 Riser, W. H.....7163  
 Risueño, A.....9156  
 Ritter, G. A.....7081  
 Ritter, P.....7268  
 Ritzhaupt, L. H.....7431  
 Rivas, J. G.....5782  
 Roa, E.....7611  
 Roach, R. W.....7280  
 Roark, R. C.....5390-1, 5413  
 Bobb, R. F.....9029  
 Rober, E. E.....6562  
 Roberson, F. K.....6563  
 Robert, A. L.....6147  
 Roberts, H. W.....9315  
 Roberts, J. A.....8299  
 Roberts, J. F.....7811-12  
 Roberts, R. H.....7813  
 Roberts, W. C.....7870  
 Roberts, W. M.....9451  
 Robertson, G.....7569  
 Robertson, H. M.....9252  
 Robertson, J. D.....8005

Rhoads, A. S.....6163  
 Rhodes, W. E.....8766  
 Ribeiro, J. A.....8256  
 Riccardi, A.....8382, 9371  
 Rice, E. S.....9392, 9456  
 Rice, S. A.....9521  
 Rice, V. A.....7217  
 Rice, W. S.....8696  
 Richards, A. E.....8383, 9349  
 Richards, A. G., Jr.....7809  
 Richards, B. L.....6163  
 Richards, D. E.....5621  
 Richards, P. W.....9503  
 Richardson, C. T.....8510  
 Richardson, H. B.....6825  
 Richardson, L. S.....5392,  
 5397  
 Richardson, T. C.....6913,  
 7218  
 Rickard, J. A.....6335, 8697,  
 8913  
 Ricker, C. C.....6877  
 Ridgway, A.....8996  
 Riedl, W. A.....5562  
 Riehm, H.....6761  
 Riemer, S.....8298  
 Ries, V. H.....6561  
 Rietz, J. H.....5560  
 Riker, A. J.....6075  
 Rinckleben, P.....6762  
 Riser, W. H.....7163  
 Risueño, A.....9156  
 Ritter, G. A.....7081  
 Ritter, P.....7268  
 Ritzhaupt, L. H.....7431  
 Rivas, J. G.....5782  
 Roa, E.....7611  
 Roach, R. W.....7280  
 Roark, R. C.....5390-1, 5413  
 Bobb, R. F.....9029  
 Rober, E. E.....6562  
 Roberson, F. K.....6563  
 Robert, A. L.....6147  
 Roberts, H. W.....9315  
 Roberts, J. A.....8299  
 Roberts, J. F.....7811-12  
 Roberts, R. H.....7813  
 Roberts, W. C.....7870  
 Roberts, W. M.....9451  
 Robertson, G.....7569  
 Robertson, H. M.....9252  
 Robertson, J. D.....8005

Rhoads, A. S.....6163  
 Rhodes, W. E.....8766  
 Ribeiro, J. A.....8256  
 Riccardi, A.....8382, 9371  
 Rice, E. S.....9392, 9456  
 Rice, S. A.....9521  
 Rice, V. A.....7217  
 Rice, W. S.....8696  
 Richards, A. E.....8383, 9349  
 Richards, A. G., Jr.....7809  
 Richards, B. L.....6163  
 Richards, D. E.....5621  
 Richards, P. W.....9503  
 Richardson, C. T.....8510  
 Richardson, H. B.....6825  
 Richardson, L. S.....5392,  
 5397  
 Richardson, T. C.....6913,  
 7218  
 Rickard, J. A.....6335, 8697,  
 8913  
 Ricker, C. C.....6877  
 Ridgway, A.....8996  
 Riedl, W. A.....5562  
 Riehm, H.....6761  
 Riemer, S.....8298  
 Ries, V. H.....6561  
 Rietz, J. H.....5560  
 Riker, A. J.....6075  
 Rinckleben, P.....6762  
 Riser, W. H.....7163  
 Risueño, A.....9156  
 Ritter, G. A.....7081  
 Ritter, P.....7268  
 Ritzhaupt, L. H.....7431  
 Rivas, J. G.....5782  
 Roa, E.....7611  
 Roach, R. W.....7280  
 Roark, R. C.....5390-1, 5413  
 Bobb, R. F.....9029  
 Rober, E. E.....6562  
 Roberson, F. K.....6563  
 Robert, A. L.....6147  
 Roberts, H. W.....9315  
 Roberts, J. A.....8299  
 Roberts, J. F.....7811-12  
 Roberts, R. H.....7813  
 Roberts, W. C.....7870  
 Roberts, W. M.....9451  
 Robertson, G.....7569  
 Robertson, H. M.....9252  
 Robertson, J. D.....8005

Rhoads, A. S.....6163  
 Rhodes, W. E.....8766  
 Ribeiro, J. A.....8256  
 Riccardi, A.....8382, 9371  
 Rice, E. S.....9392, 9456  
 Rice, S. A.....9521  
 Rice, V. A.....7217  
 Rice, W. S.....8696  
 Richards, A. E.....8383, 9349  
 Richards, A. G., Jr.....7809  
 Richards, B. L.....6163  
 Richards, D. E.....5621  
 Richards, P. W.....9503  
 Richardson, C. T.....8510  
 Richardson, H. B.....6825  
 Richardson, L. S.....5392,  
 5397  
 Richardson, T. C.....6913,  
 7218  
 Rickard, J. A.....6335, 8697,  
 8913  
 Ricker, C. C.....6877  
 Ridgway, A.....8996  
 Riedl, W. A.....5562  
 Riehm, H.....6761  
 Riemer, S.....8298  
 Ries, V. H.....6561  
 Rietz, J. H.....5560  
 Riker, A. J.....6075  
 Rinckleben, P.....6762  
 Riser, W. H.....7163  
 Risueño, A.....9156  
 Ritter, G. A.....7081  
 Ritter, P.....7268  
 Ritzhaupt, L. H.....7431  
 Rivas, J. G.....5782  
 Roa, E.....7611  
 Roach, R. W.....7280  
 Roark, R. C.....5390-1, 5413  
 Bobb, R. F.....9029  
 Rober, E. E.....6562  
 Roberson, F. K.....6563  
 Robert, A. L.....6147  
 Roberts, H. W.....9315  
 Roberts, J. A.....8299  
 Roberts, J. F.....7811-12  
 Roberts, R. H.....7813  
 Roberts, W. C.....7870  
 Roberts, W. M.....9451  
 Robertson, G.....7569  
 Robertson, H. M.....9252  
 Robertson, J. D.....8005

Rhoads, A. S.....6163  
 Rhodes, W. E.....8766  
 Ribeiro, J. A.....8256  
 Riccardi, A.....8382, 9371  
 Rice, E. S.....9392, 9456  
 Rice, S. A.....9521  
 Rice, V. A.....7217  
 Rice, W. S.....8696  
 Richards, A. E.....8383, 9349  
 Richards, A. G., Jr.....7809  
 Richards, B. L.....6163  
 Richards, D. E.....5621  
 Richards, P. W.....9503  
 Richardson, C. T.....8510  
 Richardson, H. B.....6825  
 Richardson, L. S.....5392,  
 5397  
 Richardson, T. C.....6913,  
 7218  
 Rickard, J. A.....6335, 8697,  
 8913  
 Ricker, C. C.....6877  
 Ridgway, A.....8996  
 Riedl, W. A.....5562  
 Riehm, H.....6761  
 Riemer, S.....8298  
 Ries, V. H.....6561  
 Rietz, J. H.....5560  
 Riker, A. J.....6075  
 Rinckleben, P.....6762  
 Riser, W. H.....7163  
 Risueño, A.....9156  
 Ritter, G. A.....7081  
 Ritter, P.....7268  
 Ritzhaupt, L. H.....7431  
 Rivas, J. G.....5782  
 Roa, E.....7611  
 Roach, R. W.....7280  
 Roark, R. C.....5390-1, 5413  
 Bobb, R. F.....9029  
 Rober, E. E.....6562  
 Roberson, F. K.....6563  
 Robert, A. L.....6147  
 Roberts, H. W.....9315  
 Roberts, J. A.....8299  
 Roberts, J. F.....7811-12  
 Roberts, R. H.....7813  
 Roberts, W. C.....7870  
 Roberts, W. M.....9451  
 Robertson, G.....7569  
 Robertson, H. M.....9252  
 Robertson, J. D.....8005

Item  
 Robertson, J. H.....6374  
 Robertson, J. S.....8562  
 Robertson, R. N.....6268  
 Robertson, W. F.....8448, 8767  
 Robertson, W. M.....6310,  
 7000  
 Robinson, A. D.....9457  
 Robinson, B. D.....9204  
 Robinson, C. B.....5636  
 Robinson, J.....7570  
 Robinson, J. L.....9257  
 Robinson, P. F.....9430  
 Rocha e Silva, M.....7609  
 Rochaix, A.....8532  
 Rockwell, F. F.....6654  
 Rodale, J. I.....6826, 6845  
 Rodenhiser, H. A.....6128  
 Rodenwaldt, E.....5747  
 Rodríguez G., J. M.....9045  
 Roe, J.....5375  
 Rogers, F.....5564  
 Rogers, G. A.....7571  
 Rogers, L. A.....5392  
 Rogers, L. N.....9030  
 Rogers, W. S.....6827  
 Rohde, E. S.....6336  
 Rohde, H. W.....8976  
 Rohe, P.....5772  
 Rojas, U.....8914  
 Rolf, A. F.....7463  
 Roman, E.....8039  
 Román, J. de.....8997  
 Romanelli, V.....7192  
 Romboli, B.....7493  
 Romine, D. S.....5489  
 Romolini, E.....8998  
 Roosevelt, E.....5768  
 Roosevelt, F. D.....5768  
 Root, E. R.....5821, 7814, 9504  
 Roper, R. G.....5753  
 Roper, W. L.....8321  
 Rorty, J.....9400, 9458  
 Roscoe, C. ....7572-3  
 Rose, H. W.....8662  
 Rose, L.....8663  
 Rose, P. S.....8350  
 Rosedale, J. L.....7700  
 Rosenberger, A. C.....7637  
 Rosenberger, G.....7281  
 Rosenfeld, W.....7026  
 Ross, J. C.....6688-9  
 Roth, F.....7815  
 Rouest, A.....5857  
 Rousseau, A. H.....8815  
 Rowe, H. G.....5821  
 Rowland, C. A., Jr.....7023  
 Roy, J. B.....6878  
 Roy, K. B.....9205  
 Rozanov, N. I.....7683  
 Rozanova, M. A.....5971  
 Rubber Res. Schem, Ceylon.  
 6076, 6129, 6722

Robbo, R.....7062  
 Rubin, A.....6269  
 Rubner, K.....6985  
 Rudolph, W.....5826  
 Rudra, S. K.....9168  
 Rüedi, K.....7002  
 Rugg, J.....7387  
 Ruegamer, W. R.....8533  
 Ruhnke, G. N.....6792  
 Rummel.....8876  
 Runyan, C. R.....6564  
 Rush, H.....5972  
 Rush, W. M.....8664  
 Russell, E.....9316  
 Russell, E. J.....6379  
 Russell, F. C.....7127  
 Russell, J. A.....7013  
 Rustomjee, K. J.....8040  
 Ryan, J.....9157  
 Ryan, V. J.....9046

Rubbo, R.....7062  
 Rubin, A.....6269  
 Rubner, K.....6985  
 Rudolph, W.....5826  
 Rudra, S. K.....9168  
 Rüedi, K.....7002  
 Rugg, J.....7387  
 Ruegamer, W. R.....8533  
 Ruhnke, G. N.....6792  
 Rummel.....8876  
 Runyan, C. R.....6564  
 Rush, H.....5972  
 Rush, W. M.....8664  
 Russell, E.....9316  
 Russell, E. J.....6379  
 Russell, F. C.....7127  
 Russell, J. A.....7013  
 Rustomjee, K. J.....8040  
 Ryan, J.....9157  
 Ryan, V. J.....9046

Rubbo, R.....7062  
 Rubin, A.....6269  
 Rubner, K.....6985  
 Rudolph, W.....5826  
 Rudra, S. K.....9168  
 Rüedi, K.....7002  
 Rugg, J.....7387  
 Ruegamer, W. R.....8533  
 Ruhnke, G. N.....6792  
 Rummel.....8876  
 Runyan, C. R.....6564  
 Rush, H.....5972  
 Rush, W. M.....8664  
 Russell, E.....9316  
 Russell, E. J.....6379  
 Russell, F. C.....7127  
 Russell, J. A.....7013  
 Rustomjee, K. J.....8040  
 Ryan, J.....9157  
 Ryan, V. J.....9046

Rubbo, R.....7062  
 Rubin, A.....6269  
 Rubner, K.....6985  
 Rudolph, W.....5826  
 Rudra, S. K.....9168  
 Rüedi, K.....7002  
 Rugg, J.....7387  
 Ruegamer, W. R.....8533  
 Ruhnke, G. N.....6792  
 Rummel.....8876  
 Runyan, C. R.....6564  
 Rush, H.....5972  
 Rush, W. M.....8664  
 Russell, E.....9316  
 Russell, E. J.....6379  
 Russell, F. C.....7127  
 Russell, J. A.....7013  
 Rustomjee, K. J.....8040  
 Ryan, J.....9157  
 Ryan, V. J.....9046

Rubbo, R.....7062  
 Rubin, A.....6269  
 Rubner, K.....6985  
 Rudolph, W.....5826  
 Rudra, S. K.....9168  
 Rüedi, K.....7002  
 Rugg, J.....7387  
 Ruegamer, W. R.....8533  
 Ruhnke, G. N.....6792  
 Rummel.....8876  
 Runyan, C. R.....6564  
 Rush, H.....5972  
 Rush, W. M.....8664  
 Russell, E.....9316  
 Russell, E. J.....6379  
 Russell, F. C.....7127  
 Russell, J. A.....7013  
 Rustomjee, K. J.....8040  
 Ryan, J.....9157  
 Ryan, V. J.....9046

Rubbo, R.....7062  
 Rubin, A.....6269  
 Rubner, K.....6985  
 Rudolph, W.....5826  
 Rudra, S. K.....9168  
 Rüedi, K.....7002  
 Rugg, J.....7387  
 Ruegamer, W. R.....8533  
 Ruhnke, G. N.....6792  
 Rummel.....8876  
 Runyan, C. R.....6564  
 Rush, H.....5972  
 Rush, W. M.....8664  
 Russell, E.....9316  
 Russell, E. J.....6379  
 Russell, F. C.....7127  
 Russell, J. A.....7013  
 Rustomjee, K. J.....8040  
 Ryan, J.....9157  
 Ryan, V. J.....9046

Item  
 Rzymkowski, P.....6816  
 Sager, O. S.....8534  
 Saint Albans, M.....8999  
 Saint-Albin, E. de.....7963  
 St. Jacques, E. C.....6879  
 Saint-Pierre, G. D. de....  
 8459  
 St. Vlahov, I.....9011  
 Sakoff, A.....9158  
 Saldaña Blascoechea, E. E.  
 8595  
 Salisbury, G. W.....7219  
 Salonen, V.....7038  
 Salt, F. J.....7494  
 Saltykovsky, M. I.....6219  
 Samaniaga Dévila, J.....6723  
 Sammet, K.....6254, 6270  
 Sample, G. W.....9264  
 Sampson, E. S.....7024  
 Samuel, G.....6656  
 Sanders, G. F.....8534  
 Sanders, J. W.....5811  
 Sanders, P. D.....7315  
 Sanderson, C. J.....7282,  
 7388  
 Sandmel, F. F.....8384  
 Sandstedt, R. M.....8816  
 Santos Biloni, J.....5973  
 Sapryguina, E. S.....6219  
 Sargent, F.....9430  
 Sarvis, J. T.....7128  
 Sarwar, M. M.....7164  
 Sastry, M. R. S.....7389  
 Satthianadhan, W. R. S....  
 8409  
 Sauer, H. F.....8085  
 Sauerlandt, W.....6828  
 Saunderson, T.....7574  
 Saunt, J. W.....8006  
 Savage, L. E.....8099  
 Saville, G.....8817  
 Sawyer, M. J.....7328  
 Saxon, S.....6566  
 Sayers, W. B.....7014  
 Sayre, Mrs. R.....5768  
 Scanlon, E. H.....6567  
 Scarseth, G. D.....6927  
 Schaetz, F.....7378  
 Schaffhausen, J. F.....8342  
 Schaller, J. A.....8257  
 Schantz, J. M.....5830  
 Schaphorst, W. F.....7095  
 Scharrer, K.....6271-3,  
 6763, 6778, 6829  
 Schauss, V.....9460  
 Scheffer, T. H.....5974  
 Schellenberg, A.....8467-9  
 Schellhase.....7390  
 Schiffino, J.....6987  
 Schimpf, D.....8322  
 Schlipf, J. A.....5748  
 Schloesing, A. T.....8818  
 Schlote.....9350  
 Schlote, A.....7749, 8163  
 Schlotthauer, C. F.....7346-7  
 Schlotzhauer, E. O.....8692  
 Schlüter, H.....7816  
 Schmalfuss, K.....6274  
 Schmid, G.....7283, 8470-1,  
 8698  
 Schmid, H.....6406  
 Schmidt, E.....6568-9, 7681  
 Schmidt, G. M. J.....6157  
 Schmidt, H.....7964-5  
 Schmidt, M. G.....5892  
 Schmied, G.....7817  
 Schmitt, L.....6830  
 Schmuziger, H.....7104  
 Schnack, B.....5932  
 Schneider, F.....7750  
 Schneider, G.....7220

Rzymkowski, P.....6816  
 Sager, O. S.....8534  
 Saint Albans, M.....8999  
 Saint-Albin, E. de.....7963  
 St. Jacques, E. C.....6879  
 Saint-Pierre, G. D. de....  
 8459  
 St. Vlahov, I.....9011  
 Sakoff, A.....9158  
 Saldaña Blascoechea, E. E.  
 8595  
 Salisbury, G. W.....7219  
 Salonen, V.....7038  
 Salt, F. J.....7494  
 Saltykovsky, M. I.....6219  
 Samaniaga Dévila, J.....6723  
 Sammet, K.....6254, 6270  
 Sample, G. W.....9264  
 Sampson, E. S.....7024  
 Samuel, G.....6656  
 Sanders, G. F.....8534  
 Sanders, J. W.....5811  
 Sanders, P. D.....7315  
 Sanderson, C. J.....7282,  
 7388  
 Sandmel, F. F.....8384  
 Sandstedt, R. M.....8816  
 Santos Biloni, J.....5973  
 Sapryguina, E. S.....6219  
 Sargent, F.....9430  
 Sarvis, J. T.....7128  
 Sarwar, M. M.....7164  
 Sastry, M. R. S.....7389  
 Satthianadhan, W. R. S....  
 8409  
 Sauer, H. F.....8085  
 Sauerlandt, W.....6828  
 Saunderson, T.....7574  
 Saunt, J. W.....8006  
 Savage, L. E.....8099  
 Saville, G.....8817  
 Sawyer, M. J.....7328  
 Saxon, S.....6566  
 Sayers, W. B.....7014  
 Sayre, Mrs. R.....5768  
 Scanlon, E. H.....6567  
 Scarseth, G. D.....6927  
 Schaetz, F.....7378  
 Schaffhausen, J. F.....8342  
 Schaller, J. A.....8257  
 Schantz, J. M.....5830  
 Schaphorst, W. F.....7095  
 Scharrer, K.....6271-3,  
 6763, 6778, 6829  
 Schauss, V.....9460  
 Scheffer, T. H.....5974  
 Schellenberg, A.....8467-9  
 Schellhase.....7390  
 Schiffino, J.....6987  
 Schimpf, D.....8322  
 Schlipf, J. A.....5748  
 Schloesing, A. T.....8818  
 Schlote.....9350  
 Schlote, A.....7749, 8163  
 Schlotthauer, C. F.....7346-7  
 Schlotzhauer, E. O.....8692  
 Schlüter, H.....7816  
 Schmalfuss, K.....6274  
 Schmid, G.....7283, 8470-1,  
 8698  
 Schmid, H.....6406  
 Schmidt, E.....6568-9, 7681  
 Schmidt, G. M. J.....6157  
 Schmidt, H.....7964-5  
 Schmidt, M. G.....5892  
 Schmied, G.....7817  
 Schmitt, L.....6830  
 Schmuziger, H.....7104  
 Schnack, B.....5932  
 Schneider, F.....7750  
 Schneider, G.....7220

Rzymkowski, P.....6816  
 Sager, O. S.....8534  
 Saint Albans, M.....8999  
 Saint-Albin, E. de.....7963  
 St. Jacques, E. C.....6879  
 Saint-Pierre, G. D. de....  
 8459  
 St. Vlahov, I.....9011  
 Sakoff, A.....9158  
 Saldaña Blascoechea, E. E.  
 8595  
 Salisbury, G. W.....7219  
 Salonen, V.....7038  
 Salt, F. J.....7494  
 Saltykovsky, M. I.....6219  
 Samaniaga Dévila, J.....6723  
 Sammet, K.....6254, 6270  
 Sample, G. W.....9264  
 Sampson, E. S.....7024  
 Samuel, G.....6656  
 Sanders, G. F.....8534  
 Sanders, J. W.....5811  
 Sanders, P. D.....7315  
 Sanderson, C. J.....7282,  
 7388  
 Sandmel, F. F.....8384  
 Sandstedt, R. M.....8816  
 Santos Biloni, J.....5973  
 Sapryguina, E. S.....6219  
 Sargent, F.....9430  
 Sarvis, J. T.....7128  
 Sarwar, M. M.....7164  
 Sastry, M. R. S.....7389  
 Satthianadhan, W. R. S....  
 8409  
 Sauer, H. F.....8085  
 Sauerlandt, W.....6828  
 Saunderson, T.....7574  
 Saunt, J. W.....8006  
 Savage, L. E.....8099



	Item
Schneider-Orelli, O. O.	7751
Schnelle, G. B.	7348
Schoening, H. W.	5393
Schottroff, R. P.	9159
Schour, I.	9393
Schrader, F.	8061
Schreiber, R.	6271-3, 6763, 6778, 6829
Schreiner, R.	6220
Schroeder, E.	9317
Schroeder, W. B.	7432
Schubert, B. G.	5893
Schütte, J.	6816
Schultes, R. E.	5975
Schultz, E. F.	5894, 6724
Schultz, E. F., Jr.	6259
Schultz, H. K.	6021
Schultz, I.	9318
Schultz, T. W.	9359
Schulze, K.	7752
Schuyler, R. L.	5749
Schwartz, B.	5357
Schwartz, H.	7818
Schwartz, S. L.	7071
Schwarzmann, W. E.	8410
Schweier, J.	7871
Schweinfurth, C.	6570
Schwenger, R. B.	5351
Scott, J. D.	6914
Scoville, O. J.	5756
Scroggie, A. G.	8617
Scruggs, F. H.	8699
Scull, H. G.	8665
Seale, C. C.	6831
Searles, M.	6571
Searls, E. M.	7753
Seath, D. M.	7316
Seaver, F. J.	6010, 9505
Sebelius, H.	7165
Sedlacek, J.	9206
Seelmann, J.	7166
Seeman, B.	9047
Séguy, E.	5822, 8007-9
Seliber, G. L.	6275
Seligman, R.	8586
Selinger, E.	6626
Sell, H. M.	6230
Sellschop, J.	8960
Semenov, A.	9100
Semmens, C.	6204
Seemple, D.	9394
Semtner, W. K.	7391
Senaratna, J. E.	5911, 6205
Senay, P.	5976
Serfontein, P. J.	7575
Serviss, G.	6832
Seth, L. N.	6657
Sethi, D. R.	9160
Severson, H.	6376, 6572
Sevringhaus, E. L.	9434
Sexton, W. A.	6280
Seymour, O. J.	9319
Shakurin, V.	9351
Shallcross, R.	7082
Shank, D. B.	6276
Shankar, K.	8952
Shannon, F. A.	5750
Sharp, P. F.	9462
Shaver, J. M.	5988
Shaw, J. C.	7231
Shaw, J. K.	6435
Shaw, R. I.	8279
Shcherbakov, A. P.	6277
Sheely, C. E.	6573
Sheets, O.	9461
Shelton, E. J.	7682
Shepherd, T. L.	7221
Sheps, M. C.	9320
Sherstoboev, K. N.	7284
Sherwin, H. S.	6107, 6149
Sherwood, E. C.	5707
Shetty, K. S.	7349

	Item
Shewell-Cooper, W. E.	6407, 6658-9
Shirley, H. L.	6278
Shirreff, W. H.	8323
Shoemaker, J.	7819
Shore, R.	7350
Shorrock, R. W.	8062
Shrikhande, J. G.	9000
Shull, A. F.	7966
Shull, W. E.	5493, 5573
Shultz, W. O.	6317
Shweig, K.	8125
Sicer, J. W.	5579, 7576
Sichivava, A.	7167
Sidney, E. M.	8886
Siemers, G. F.	9406
Sierra, H. M.	8954
Sierra, M. S. de.	6574
Sierra S., A.	6725
Simha, A.	6453
Simmonds, A.	5895, 6436
Simmonds, F. A.	5443
Simmons, C.	8063
Simmons, R. H.	7083
Simon, F.	8532
Simone, V. de.	8851
Simpkins, L. G.	7053
Simplot, J. R.	8449
Simpson, G. A.	5475
Sinclair, R. D.	8877
Singh, A.	9483
Singh, R. K.	7168
Singh, S.	7810
Sinnott, E. W.	6279
Skinner, J. J.	5340
Slade, R. E.	6280
Slagg, C. M.	6077
Slanetz, L. W.	7285
Slate, G. L.	6437
Slavina, N. S.	7908
Slifko, C. W.	7091
Smirnov, N.	6953
Smith, B.	7754
Smith, A.	8181
Smith, A. C.	7329-30, 7356
Smith, A. G., Jr.	6575
Smith, A. J.	8550, 8563
Smith, A. L.	5696
Smith, C. W.	5812
Smith, E. Y.	7577
Smith, C. C.	7495
Smith, H. C.	7169, 7496
Smith, H. D.	8665-6
Smith, H. G.	8667
Smith, H. H.	7578
Smith, H. P.	8258
Smith, H. W.	7145
Smith, J. B.	9143
Smith, J. H. N., Jr.	6176
Smith, J. L.	6833
Smith, J. R.	5879
Smith, K. D.	6576-7
Smith, L. B.	5977-8
Smith, P. F.	6281
Smith, P. T.	7286
Smith, R. B.	6834
Smith, R. J.	6417
Smith, R. W.	6660
Smith, T. E.	6919
Smith, T. L.	9277
Smith, V. R.	7317
Smith, W. F.	6915
Smyth, C. B.	9161
Snell, W. H.	6011
Snow, C. F.	7612-14, 8324
Snow, C. F. F.	7054
Snow, D.	6819, 8596
Snyder, G. R.	7755
Snyder, J. C.	5701, 5705, 6438
Snyder, K. M.	6690
Snyder, E. C.	6078
Sochava, V. B.	6177

	Item
Sociétés de Colonisation de la Province de Québec.	9321
Sohn, F.	5751
Solomkin, P. S.	7683
Sommerfeld, K.	9207
Sonntag, G.	8789
Sorensen, H. G.	6726
Sorenson, R.	9352
Soriano, A.	5979
Sornay, A. de.	9001
Sornay, J.	6969
Sorosa, J. M. de.	8916
Sotnikov, E. A.	7170
South, G. P.	6865
South African Standards Inst. Timber Sub-com.	5980
S. C. Agr. Expt. Sta.	5337, 5552-3
S. Dak. Agr. Expt. Sta.	5554-5
S. Dak. State Col. of Agr. Ext. Serv.	5693
Southern States Coop., Inc.	9524
Southwick, A. M.	7820
Southwick, L.	6409, 6439
Southwick, R. W.	6880
Souza Novelo, N.	5981
Sovani, N. V.	8369
Spachner, J. V.	8426
Spawn, G. B.	5554
Speck, F. G.	5896
Speh, C. F.	9484
Spencer, D. A.	5394
Spencer, J. W.	6881
Spencer, S.	9420
Spenner, J.	7821
Spielman, A. A.	7287
Spielman, H. W.	9048
Spiridonova, N. S.	6269
Spiro, S.	8668
Spifayn, N. A.	7171
Spörri, H.	7172
Sprecher, F.	7822-3
Springer, H. B.	9002
Springer, M. E.	6206
Sproull, R. C.	8669
Spuhler, V.	7351
Squadron, J.	8564
Squibb, R. L.	8259
Srivistava, J. P.	8385
Stamberg, O. E.	5492
Stamovsky, L.	9395
Stamm, A. J.	5444
Stampa, G.	6766
Standard Oil Co. (Ind.). Tech. Dept.	5408
Stanford Univ. Food Res. Inst.	5773
Stanger, F. M.	9485
Stansbury, B.	9522
Stare, F. J.	9439
Starr, G. H.	5562
Stearn, W. T.	5982
Steele, C. F.	6916
Steele, J.	7288
Steelman, C. H., Jr.	6440
Steen, H.	8820
Steenkamp, J. L.	6928
Stefansson, V.	5879, 9401
Steffek, E. F.	6578
Steinbauer, G. P.	5595
Steiner, L. F.	8126
Steinhamer, S.	7001
Steiniger, F.	8164-6
Stephan, L. L.	8917
Stephens, S. E.	6418
Sternitzky, R. F.	8127
Stewart, D. W.	8711
Stevens, G. E.	9003
Stevens, H.	6319
Stevenson, E. C.	6150

	Item
Stevenson, J. A.	6103
Stewart, A. P., Jr.	9462
Stewart, C. W.	9004
Stewart, J.	7638
Steyskal, G.	7701, 8010
Stiles, H. F.	9012
Stinson, F. A.	6393
Stitt, A.	6701
Stitts, T. G.	5457
Stobbe, P. C.	6786
Stockwell, W. F.	5959
Stoddart, L. A.	6303
Stojanovich, C. J., Jr.	8167
Stoltz, E. H.	9208
Stone, G. M.	6079, 6130
Stout, L.	8852
Stoutemeyer, V. T.	6397
Stovall, C.	7036
Stover, R. L.	7318
Strate, J. T.	7225
Stratton, D.	9253
Streich, W.	7369, 7639
Strickland, E. H.	8011
Strong, F. M.	9427
Struckman, R. P.	6882
Stuart, J.	7331
Stuart, N.	8565
Stuart, N. W.	6056
Stucker, G.	6344
Stuckey, W. D.	9353
Stucky, H. R.	5620
Studebaker, F. B.	5631
Studebaker, J. W.	5768
Stüssi, D.	8587
Sturgeon, R. H.	7434
Sturkie, D. G.	6377
Stuyvesant, G. H.	7872
Subrahmanyam, R.	6196, 6207
Subramaniam, M. K.	6208
Suckling, J. J. C.	8502
Sugihara, J.	8712
Sukachev, V. N.	6178
Sullivan, L.	9372
Sumberg, T. A.	9170
Summerland, S. A.	8126
Supplee, G. C.	7129, 7173
Surnachev, A. V.	7299
Surridge, H. R.	6954
Swaby, R. J.	6767
Swales, D. E.	6579
Swales, W. E.	7497
Swan, J.	8639
Swank, O. A.	8503
Swanson, E. C.	8821
Swanson, L. C.	7435
Sweeney, J. B.	9083
Sweeten, R. B.	3671
Sweepstone, H. E.	7579
Swett, W. W.	7289
Swift, G. N. C.	5753
Swingle, R. U.	6164
Swinerton, A. A.	6955
Switzerland. Fed. Expt. and Seed Testing Sta., Lausanne (Mont Calme).	7967-8
Szabuniewicz, M.	7392
Tabor, I.	9354
Tachibana, S.	6629
Taeuber, C.	9101
Tai, M. C.	6110
Talbot, K.	9355
Tallarico, G.	8714, 8769
Tanner, H.	6988
Tanner, N. E.	9254
Tapke, V. F.	6131
Tarantino, G. B.	7407
Tardy, L.	8853
Tarnutzer, H. A.	7824
Tassi, L.	7130
Tassinari, G.	9162



Item	Item	Item	Item
Tate, H. D.....5626	Timmons, J. F.....9259	Ullrich, K.....7352	U. S. Dept. of Agr.--Con-
Tavarez, C. das N.....6012	Timon-David, J....8012, 8086	Underhill, G. W.....3129	tinued.
Taylor, A.....9373	Timoshenko, V. P.....5773	Underkofler, L. A.....8822	Forest Serv.....5431-44
Taylor, A. G.....7580	Tincker, M. A. H.....6663	Underwood, J. K.....5985	Appalachian Forest
Taylor, A. M.....8384, 8854	Tindale, G. B.....6083	Ungewitter, C.....5874	Expt. Sta.....5435
Taylor, A. W.....7638, 7640	Tindall, C.....9069	Union of South Africa.	Calif. Forest and
Taylor, C. C.....8613	Tint, H.....6135	Dept. of Agr. and For-	Range Expt. Sta..5434
Taylor, G. C.....6581	Tischhauser, L. A....7290	estry....6317, 6322, 6688,	Forest Prod. Lab.....
Taylor, G. F.....9463	Tisdale, W. H. J.....8672	6846, 6928, 7114, 7133,	5432, 5439-40, 5443-4,
Taylor, G. H.....7436	Tisken, K.....7825	7575, 7584, 7759-60,	5461
Taylor, M. W.....7464, 7581	Tissot, A. N.....7702	8508, 8745, 8772, 8880;	Northeast. Forest
Taylor, N.....5783	Titus, I. M.....8442	8960, 9164	Expt. Sta.....5442
Taylor, R. E.....6132	Titzk, W.....6776	Div. of Hort.....8961	Rocky Mountain Forest
Taylor, W. R.....5993	Tobey, J. A.....8505, 9467	United Nations Inform.	and Range Expt. Sta..
Technological Mus.,	Todaro, F.....8673	Off.....5754-5	5438
Sydney.....8909-10	Todd, A. S.....5435	U. S. Army. Quartermaster	Human Nutr. and Home
Tejeda, L. A.....9210	Töreký, G. de.....9212	General's Off.....5830	Econ., Bur. of..5416-17
Telford, C. J.....7096	Tolley, H. R.....9521	U. S. Army-Navy-Civil	Inform., Off. of..5445-9
Tempère, G.....7940	Tom, R. C.....7225	Com. on Aircraft Design	Mktg. Serv., Off. of....
Temple, R.....7688	Tomalin, T. E.....6664-9	Criteria.....5439-40	5450-60
Templeman, W. G.....6280	Tomey, A. F.....7498	U. S. Bur. of Mines...6923	Plant Indus., Soils, and
Tenn. Agr. Col. Ext. Serv.	Tomlinson, F. R.....8436	U. S. Bur. of the Census..	Agr. Engin., Bur. of...
5694-5	Tongg, R. C.....6585	9274	5461, 5520, 7721
Termer, F.....9211	Topsøe, H.....5752	U. S. Cong. House.....8450	Rural Electrifi. Admin....
Termohlen, W. D.....3948	Tormey, J. L.....9102	Committees	5462-70
Terpenning, G. K.....9114	Torrend, G.....6727	Appropriations...5875-6	Sec., Off. of.....5471-2
Terrell, A. C.....8362	Tousley, R. D.....8686	Banking and Currency..	Soil Conserv. Serv.....
Terrell, E. L.....9396	Towle, D. S.....6691	5784, 5787	5473-6
Terry, G.....6649	Town and Country Planning	Foreign Aff.....5757	Upper Miss. Region....
Terry, H. B.....6441, 6649	Assoc. Conf., London,	Interstate and Foreign	5473-4, 5476
Terry, W. C.....8260	1943.....5753	Com.....5831	Supply, Off. of..5477-82
Terret, I. W.....6133	Towne, C. W.....5813	Irrig. and Reclam.....	War Food Admin....5483-7
Teter, N. C.....8357	Townes, H. K.....5407	5863	See also Agr. Adjust.
Teuscher, H.....5582	Townsend, C. H. S....8280	Sepecial Com. to	Agency; Commod. Cred-
Tex. Agr. Col. Ext. Serv..	Townsend, L. H.....5499	Invest. Exec. Agen-	it Corp.; Commod.
5696-700	Tracy, P. H.....8552	cies.....5785	Exch. Authority;
Tex. Agr. Expt. Sta..5337,	Trautmann, A.....7174	Special Com. to	Ext. Serv.; Farm Se-
5556	Travis, G. B.....8700	Invest. Food Short-	curity Admin.; Mktg.
Tharp, B. C.....5983-4	Treadwell, V. C.....7582	ages.....5786, 8387	Serv., Off. of; Soil
Tharp, M. F.....6583	Trempe, L. G.....8918	U. S. Cong. Senate. Com.	Conserv. Serv.;
Thaxter, K.....6134	Tressler, D. K.....8343,	Appropriations....5758,	Supply, Off. of.
Thayer, E. N.....8728	8420, 8770	5864	U. S. Dept. of Com...8838
Thaysen, A. C.....9464	Tretsven, J. O.....5622	Judiciary.....5759	U. S. Dept. of State...7190
Theophilus, D. R.....5492	Trimble, A. P.....5570-2	U. S. Dept. of Agr...5329-	U. S. Foreign Econ. Admin.
Theron, J. J.....6846	Trinchieri, G.....8140	487, 5760, 7758	Trade Relat. Staff...9526
Théry, A.....5817, 7969	Trinder, N.....7641	Agr. Adjust. Agency....	U. S. Geol. Survey...6883
Thiune J., J.....6345	Troll, C.....9163	5368-78, 7721	U. S. Libr. of Cong.
Thies, W. H.....5599	Troshikhin, V. A.....7393	Agr. and Indus. Chem.,	Gen. Ref. and Bibliog.
Thirumalachar, M. J....6013	Trout, S. A.....8771	Bur. of.....5379	Div.....5728
Thom, C. L.....5819	Trowbridge, T.....7055	West. Region. Res.	U. S. Off. of Price Admin.
Thomann, W.....7670, 8504,	Truax, H.....8597	Lab.....5379	5788
8535-6	Truchy.....9049	Agr. Econ., Bur. of....	U. S. Off. of the Co-
Thomas, A. L.....5459-60	Tseng, C. K.....6304	5380-6, 5667, 5669,	ordinator of Inter-Amer.
Thomas, B.....7641	TSvetov, IA.....9213	5672, 9055	Aff.....5850
Thomas, B. A.....8551	Tucker, E. M.....6923	Div. of Farm Manage-	U. S. Patent Off.....6442
Thomas, B. B.....7043	Turk, F. A.....7909	ment and Costs...5756	U. S. Tariff Comm..5761-4,
Thomas, E. P.....9374	Turk, K. L.....7239, 7287	Agr. Res. Admin..5387-97	5789-90, 5800-2, 5877-8
Thomas, F. L.....7757	Turk, L. M.....6956	See also Agr. and	U. S. Tenn. Valley
Thomas, H. E.....6098	Turk, R. D.....5696	Indus. Chem., Bur.	Authority.....8257
Thomas, J.....8220, 8356	Turlin, R.....8261, 8282	of; Anim. Indus.,	U. S. War Dept...5756, 5760
Thomas, K. V.....9465	Turmel, J. M.....6210	Bur. of; Dairy Indus.,	U. S. War Manpower Comm...
Thomas, M. D.....5667, 5669	Turner, A. W.....8182	Bur. of; Ent. and	5765
Thomas, W.....6282	Turner, C. W.....7492	Plant Quar., Bur. of;	Upshaw, W. E.....8411
Thompson, A. R.....5344	Turner, D. P.....9468	Plant Indus., Soils,	Urdang, G.....9032
Thompson, C. R.....8923	Turner, H. J.....8128	and Agr. Engin.,	Uri, D.....7583
Thompson, E. T.....9277	Turner, J.....9050, 9356	Bur. of.	Uri, J.....8962
Thompson, E. W.....8741	Turner, J. S.....6268	Anim. Indus., Bur. of...	Uribe Uribe, L.....6728
Thompson, R. C.....6158	Turner, P. E.....6847	5398	Urquhart, A. R.....8640
Thomsen, L. C.....5713	Turner, R. A.....5811	Commod. Credit Corp....	Ussing, H. H.....7970
Thomson, J. W., Jr....5897	Turner, R. M.....9244	5399-401	Utah. Agr. Expt. Sta..5557
Thomson, M. E.....8588	Turnill, L.....8325-7	Commod. Exch. Authority.	Uys, C. J.....7584
Thone, F.....6661	Turnill, L. C....6957, 7465	5402	
Thorne, R. S. W.....9466	Turpin, M.....9397	Dairy Indus., Bur. of...	Vachon, M.....7910-13
Thornton, H. G.....6262	Tustin, E. B.....7131	5403-5	Vaidya, V. G.....5337
Thornton, N. C.....6283	Tustin, E. B., Jr....7132	Ent. and Plant Quar.,	Vaillant, B.....8472
Thun, R.....6081, 6932	Tuttle, A. P.....5607	Bur. of.....5406-14	Valdivia Montañez, M. A...
Thwing, W. E.....6584	Tyacke, R.....8701, 8729	Ext. Serv...5415-28, 7721	9357-8
Tidd, J. S.....6082	Tyson, J.....6835	Farm Credit Admin..5429,	Van Aartsen, J. P.....9214
Tiedjens, V. A.....6662		5761	Van Amburg, W.....5443
Tiemann, A.....5772	Ubertini, G.....7291	Coop. Res. and Serv.	Van Arsdell, W. B.....9515
Tiemann, H. D.....6209	Uhl, G. H.....5928	Div.....5429	Vance, R. B.....9277
Tilt, J.....6284	Ulendeev, A. I.....7175	Farm Security Admin.5430	Van Daman, R.....5363-5
Timler, F. K.....6964	Ulloa S., A. G.....9031		Vanderbilt, A.....8473



Item	Item	Item	Item
Vanderford, H. B.....6836	Walker, M. N.....6085	Wheatland Conserv. Agr.	Winokur, M.....6289
Van der Kloot Meijburg,	Walker, R.....8506	Expt. Sta.....5545	Wirth, D.....7177
F. L.....8736	Walker, W. L.....8703	Wheeler, D. H.....8892	Wis. Agr. Col. Ext. Serv..
Van der Merwe, C. P.....	Wall, G. M.....6589, 8704	Wheeler, S. S.....5561	5709
7759-60	Wallace, B. A.....8823	Wheeler, W.....6994	Wis. Agr. Expt. Sta.
Vanderplank, F. L.....8013-14	Wallace, H. A.....9322	Whelan, D. B.....5625	Hancock Expt. Farm...5473
Van Dyk, C. J.....9215	Walp, R. L.....6286	White, A. H.....7320	Wis. Univ....5432, 5439-40,
Van Elden, H.....6642	Walsh, R. S.....7876	White, C. J.....6592	5443-4
Van Melle, P. J.....5986	Walters, F. W.....6590	White, C. T.....6693	Col. of Agr.....5408
Van Rensburg, M.....5898	Ward, A. L.....8674	White, G.....8949	Wiseman, C. L., Jr...7504
Van Rensburg, J. A.....7133	Ward, F. G.....7502	White, G. E. M.....8678	Wister, J. C.....6598
Van Rensselaer, M...6586-7	Ward, F. W.....8237	White, H. E.....6287	Withers, J. C.....8679
Van Roekel, H.....7499	Ward, R. A.....8675	White, H. O.....8963	Withrow, A. P.....6290
Van Sant, W. R.....7319	Wards, H. C. A.....6444	White, P. R.....6152	Witte, J.....7178
Vanselow, K.....5832	Warner, O.....8474	White, R. F.....6593	Witte, P.....7599
Van Straaten, N. J....8328	Warr, H. J.....7829	White, V. M.....9472	Wittrock, G. L.....6599
Van Wyk, H. P. D.....7240	Warwick, E. J.....7665	White, W. H....5395-6, 9005	Wittwer, S. H....5527, 6260
Van Zwaluwenburg, R. H....	Washburn, L. E.....7225	White House Conf. on	Witzel, S. A.....5715
7971	Washburn, R. G.....7118,	Rural Ed.....5768	Witzleben, A. von....8412
Vargas, M. J.....8866	7124, 7126	Whiteman, R.....8599	Wobst, A.....6989
Vargas Co., C.....5987	Washington (D. C.) Bridle	Whiteside, E. P.....5522	Wofford, K. V.....5768
Vargas Coto, J.....9322	Trails Assoc.....5806	Whitney, D. J.....7046	Wohl, M. G.....5828
Varin, G.....8130	Wash. State Col. Ext. Serv.	Whitson, A. R.....9510	Wolberg, F. B.....7241
Vasey, C. R.....8702	5701-6	Whittenberger, R. T...6305	Wolf, W.....6211
Vasil'ev, B. N.....6179	Wasley, W. L.....7044	Whittier, E. O.....5397	Wolfe, E.....8950
Vasil'ev, G.....7622	Waters, L. E.....8743	Whittleston, W. G....8263	Wolford, E. R.....8773
Vasseur, L.....6588	Waters, N. F.....7440-1	Wichmann, H.....5834	Wolman, I. J.....9473
Vayssiére, P.....7972	Watson, A. J.....8944	Wickard, C. R..5471-2, 8394	Wood, A. F.....8215
Vázquez Ponce, A.....8566	Watson, D. J.....6379	Wicks, A. T.....6594	Wood, C. W.....6600-1
Veeraraghavan, D.....7193	Watson, J. A. S.....8855	Wickware, A. B.....7503	Wood, E. G.....8390
Venezuela. Ministerio de	Watson, J. R.....8131	Widic, F. J.....7056	Wood, K.....7353
Sanidad y Asistencia	Watson, M. A.....8856-7	Widmer, M.....8507	Wood, S. F.....8070
Social. División de	Watson, R. D....6137, 6166	Wiegand, E. H.....8715	Woodburn, R...6848, 6917-18
Malariología.....5823	Watson, S.....7222	Wiener, S.....9426	Woods, A. F.....9506
Vera, R. S.....8885	Watson, W. F.....7235	Wienhaus, H.....7067	Woods, J. J.....8708
Verband Deutscher Land-	Watt, B. K.....9470	Wiesmann, R.....7974	Woodward, C. H.....5899
wirtschaftlicher Unter-	Watts, C. E.....6731	Wiggins, M. C.....5589	Woodward, H. R.....6015
suchungsanstalten...5775	Watts, L. F.....6965	Wilcox, B.....9323	Woodward, L. H.....6381
Verbeek, W. A.....7240	Way, C.....7292	Wilcox, C.....8437	Woodward, R. W.....6338
Verdcourt, B.....7703	Weaver, D. S.....8357	Wilcox, J.....8018	Woodward, T. E.....7134
Verdoorn, F.....5858	Weaver, L. A.....7671	Wilcox, W. W.....8705	Woofter, T. J.....9277
Verghese, G. T.....6729	Weber, W.....7627	Wildemann.....7831, 7879	Woolbert, R. G.....5769
Verrier, M. L.....8155-6	Webster, C. F.....5703	Wildon, C. E.....6086	Wooley, J. C.....6886
Vestal, E. F.....6084	Webster, H. N.....6014	Wiley, L. E.....7496	Worden, A. N.....7672
Vezzani, V.....8887	Webster, R. L.....5702	Wilkins, W. B.....7093	Worthington, J.....7588,
Viall, G. M.....9486	Weck, C.....6312	Wilkinson, F. W.....8508	8331
Vianello, G.....7500-1	Weckel, K. G.....9471	Willard, J.....7652	Wragge Morley, B. D...8087
Vidal, J. P.....8064	Weckler, A. N.....9375	Williams, C. O.....5768	Wright, A.....9255
Viégas, G. P.....6730	Wegener, V. E.....9217	Williams, E. V...8509, 8555	Wright, H. J.....6732
Vil'chinskii, N.....9516	Wegmann, F.....7877	Williams, E. W.....9277	Wright, J. G.....7296
Viljoen, P. R.....9164	Wehe, R. A.....8358	Williams, G. A.....7321	Wright, P.....6454
Villeneuve de Janti, J....	Wehnelt, B.....5859	Williams, G. H.....7880	Wright, P. H....6140, 6602,
8015-16	Weigert, H. W.....5879	Williams, G. T...7442, 7587	9165
Villiers, A...7947-8, 7973,	Weil, C. A.....9376	Williams, P. M.....8706	Wright, R. E.....5337
8065-8	Weil, F. J.....5767	Williams, R. C.....6167	Würml, G.....7833
Vine, V.....9216	Weilenmann, H.....7830	Williams, R. J.....5827	Wyckoff, R. W. G....6167
Vinson, J.....7955	Weischer, F....7293, 7395	Williams, W. L.....7365	Wylie, C. E.....8332
Viswanathan, D. K.....8041	Welch, A.....5860	Williamson, A.....9447	Wyman, D.....6603-4
Vitoria, E. R.....6136	Welch, F.....8553	Williamson, A. H.....6966	Wyman, W. D.....5816
Vittorangeli, R.....6884	Welch, F. J.....8262, 8676	Williamson, J. T....6380	Wyo. Agr. Expt. Sta..5561-
Völker, R.....7394	Welch, H.....7294, 7642	Willoughby, L. E...5591-2,	2
Vogel, M.....9469	Welch, J. H.....6674	6837	Wyo. Univ.....5968-70
Volk, A.....6285	Weldon, V.....9450	Willson, H. F...8707, 8730	Wyssmann, E...7179, 7297-8,
Vollertsen, J. J.....8888	Wells, J. B.....6591	Wilson, C.....6130, 6139	7643
Volovich, E.....7826	Wells, S. D.....7084	Wilson, C. V.....5560	
Vomsattel, M.....7827-8,	Wellstein, C.....7878	Wilson, D.....8264	Yalman, A. E.....9324
7874, 9084	Wellwood, R. M.....8539	Wilson, F. D.....7295	Yanovsky, J.....6382
Vondell, J. H....7439, 7585	Wentworth, E. N..5813, 7651	Wilson, G. F.....8019	Yarian, N. C.....5900
Vorreiter, L.....5833	Werner, G. M.....6347	Wilson, H. Van P...6595-6	Yates, P. L.....5732
	Wesley, W. K.....8069	Wilson, K.....8329-30	Yeates, C.....7332
Wacker, H.....5814	W. Va. Agr. Col. Ext.	Wilson, L. F.....8020	Yee, J. Y.....6936
Wadham, S. M.....5766	Serv.....5707-8	Wilson, M. L.....9389	Yeomans, W. H. S....7589
Wähler, E.....7875	W. Va. Agr. Expt. Sta....	Wilson, S. E.....7057-8	Yoars, F.....8511
Wager, A.....6151	5558-60	Wilson, T. I.....6907	Yoder, R. E.....5542-3
Wager, V. A.....8772	Westbrook, E. C.....8677	Wilster, G. H..5674-5, 8510	Yoffe, I.....6419
Wagner, R. F.....5731	Westbrook, F. A.....7092	Wiltshire, E. P.....7704	Youmans, J. B.....9474
Wagnon, K. A.....7176	Westcott, C.....7761	Wimmer, G.....6254	Young, C. G.....9051
Wain, J. L.....6740	Wester, R. E.....6648	Winiger, A.....6288	Young, E. R.....5594
Walker, G. H.....8421	Weston, H.....8384	Winkler, A.....7832	Young, F. W.....7248
Walker, H. R.....8227	Weston, W. A. R. D...6132,	Winkler, C. B.....6597	Young, H. C.....5414
Walker, J.....6885	6138	Winkler, O.....6313, 7025	Young, M. L.....9260
Walker, J. C....6161, 6165	Wetzel, G. F.....8283	Winner, E. B.....5616	Young, R. S.....7047
Walker, J. F.....5815	Weyant, Z. H.....8451	Winokur, M.....6289	Young, V. M.....8709



	<u>Item</u>
Youngman, W. H.....	5861
Yung, F. D.....	5532
Zambail, F.....	7834
Zanders, J.....	7223
Zanini, E.....	8919
Zanoni, E. P.....	8475

	<u>Item</u>
Zappi-Recordati, A....	7835
Zaunmeyer, W. J.....	6141
Zaylskie, J. J.....	5643
Zeitlin, M.....	9052
Zelenenko, G. S.....	7396
Zepplin, M.....	9427
Zhdanova, L. P.....	6291

	<u>Item</u>
Zhirkova, Z. E.....	7299
Zhukova, N. N.....	8042
Zich, G.....	8333
Zick, W. J.....	7762
Zielinski, A.....	7392
Zietzschmann, O.....	7397
Zimmerman, A. F.....	9218

	<u>Item</u>
Zimmerman, O.....	7615
Zippora S.....	6676
Zogg, H.....	6016
Zukier, A.....	8216
Zumpt, F.....	8043
Zundel, G. L.....	6017



# SUBJECT INDEX

Item	Item	Item	Item
Abaca.....8623	Agricultural products--	Agropyron spicatum. <u>See</u>	Ammonium sulfamate....6691
diseases.....6073	Continued.	Wheatgrass, bearded blue	Ammoplanopterus.....8082
Abies procera. <u>See</u> Fir,	situation and outlook...	bunch.	Amphidiploidy. <u>See</u>
noble	8363,9114		Polyploidy.
Ablattaria laevigata...7915	utilization.....8392	Agrostis. <u>See</u> Bentgrass.	Amporophora henryi n. sp..
Abnormalities and deformi-	industrial.....8393	Ahuauhtli.....8044	8045
ties. <u>See</u> Creeper fowls;	<u>See also</u> Raw materials;	Airplanes	Amsonia.....5964
<u>and</u> subhead anomalies	<u>and</u> specific subjects.	and pests.....5407,8023	$\beta$ -Amylase.....6302
<u>under</u> Plants, <u>and</u> names	Agriculture.....5734-5	disinfestation.....7707	Anabesine sulfate.....8034
of animals and plants.	Aleutian Islands...9107	transportation.....8403	Anabrus simplex
Abortion, contagious.	Arctic regions.....9138	wood.....5461,7046	parasites and predators
<u>See</u> Brucellosis.	Argentina.....9033	<u>See also</u> Sprays and	of.....8077
Acacia.....6218	Australia.....5766,9141	spraying, by	Anaepagurus laevis....7888
Acarapis woodi.....7782	Northern Territory....	airplane.	Anaplasmosis, therapy.7169
Accidents.....8173	9121	Ala. Agr. Expt. Sta...9205	Anatomy, comparative..5871
forest.....7033	bibliographies.....5769	Albuquerque Prod. Credit	Anchastus.....7932
prevention..8171-2,8177,	Bonin Islands.....9140	Assoc.....9065	Anderson, Clinton P...9488
8180	British Empire.....9103	Alcohol	Anemia.....9463
<u>See also</u> Safety.	Canada	as fuel.....8268	in cattle. <u>See</u>
Accounting. <u>See</u> Farms and	Northwest Territories.	from grain.....8822	Hemoglobinuria.
farming, records; <u>and</u>	9257	from sugar.....8992	Anemia, infectious.....
<u>under</u> specific subjects.	Ontario.....9153	sources.....8769	7158
Acerentulus confinis	Saskatchewan.....9165	Switzerland.....8685	in horses.....7385
exiguus n. var.....8146	Chile.....5877,9127	Alder.....6170	Anemone edwardsiana...5983
Acer vulpiora n. g....6013	Colombia.....5733	Aleochara.....7957	Aneurin. <u>See</u> Thiamine;
Acetonemia, in cattle.7273	Valle de Nemocon..9104	Aleurocanthus woglumi.5387	Vitamin B1.
Acidophilus milk.....7267	Denmark.....5752	Alfalfa	Aneuris mimeuri n. sp....
Acids, in food preserva-	Dominican Republic..9132	Argentina.....6351	8064
tion.....5778	Europe.....9041,9106,9120	culture.....5591,6377	Angoumois grain moth. <u>See</u>
Aconitum.....5964	Formosa.....9115	fertilizers.....6769	Sitotroga cerealella.
Actinidia chinensis...6185	France...5722,8268,9034,	pests.....5389	Animal industry
Actinomyces.....6922	9036,9109,9125,9154	seed.....6368	study and teaching.7181,
Actinomycosis	Great Britain..9050,9119	soils.....6769	7183,7198
in cattle.....7263	England.....9112	varieties.....5360	Animals. <u>See</u> Ecology;
therapy.....7154	Iceland.....9126	yields.....5473	Livestock; Wildlife; <u>and</u>
Adeniana	Illinois.....5494	Alfalfa meal	names of animals.
North Africa.....8068	India....9043,9116,9160,	for poultry.....7460	Anonaceae.....6181
Adhesives.....7051,7092	9199	Alfalfa weevil. <u>See</u> Hypera	Anopheles
Adrenalin	Italy.....5717,9145	postica.	and disease....5783,8005
effect on plants....6247	Izu Islands.....9140	Algae	control.....8023,8043
Advertising. <u>See</u> subhead	Japan.....9047	biochemistry.....6304	Far East.....8022
marketing <u>under</u> names of	Mexico.....8431	marine.....5992-3	India.....8022
commodities.	Missouri.....5618	nomenclature.....6304	U. S. S. R.....8027
Aechmea.....5978	Montana.....5620	<u>See also</u> names and	Anopheles culicifacies....
Aedes.....8039	Near East.....8024	classes of Algae.	8040
Aerobacter.....5503	Nicaragua.....9045,9143	Allan Hancock Pacific	Anopheles fluviatilis
Aerosols.....5391,7752	Northern Ireland...9134	Exped.....5993	India.....8038,8041
Aesculus hippocastanum.	Ulster.....9128	Allied Florists and Grow-	Anopheles maculipennis
<u>See</u> Horse chestnut.	organization.....5723	ers of Canada, Ltd...9024	anatomy and physiology..
Afforestation. <u>See</u> Re-	Orient.....9268	Allium. <u>See</u> Garlic;	8025,8037
forestation.	postwar.....5330,5348	Onions.	U. S. S. R.....8030
African-violet. <u>See</u>	bibliographies...5445	Allium cepa.....5982	Anopheles philippinensis.
Saintpaulia.	Europe.....5720	<u>See also</u> Onions.	8028
Agar-agar...6304,6720,6727	Great Britain...9166	Allium fistulosum....5982	Anoplura
Agrarian reform. <u>See</u> Land,	regulation.....5330,9146	Allium sativum. <u>See</u> Garlic.	anatomy and physiology..
reform.	Europe.....5732	Allorge, Pierre.....9493	8167
Agrarian systems. <u>See</u>	Rumania.....9122,9124	Allyl isothiocyanate.6168	<u>See also</u> names of
Land, tenure.	Ryukyu Islands.....9140	Almonds, pruning.....6455	families and genera.
Agreements. <u>See</u> Trade,	situation and outlook...	Alnus. <u>See</u> Alder.	Anthelmintics. <u>See</u> names
agreements and treaties;	9114,9135,9161	Alnus jorullensis spachi1.	of anthelmintics.
<u>and</u> <u>under</u> specific sub-	South America.....9163	6183	Anthrax.....7957
jects.	Spain, La Mancha...9156	Alocasia watsoniana...6505	7148
Agricultural Conserv.	Switzerland.....9129	Alternaria solani....6224	Australia.....7147
Program.....5371-2,5374	Texas.....9035	Amariyllidaceae.....8102	in horses.....7386
Southern States.....5375	tropical.....5858,9523	American Cotton Shippers	in man.....7147
Texas.....5377	Union of South Africa...	Assoc.....8703	vaccines.....7171
Agricultural economics.	9164	American Dairy Assoc..8496	Anthurium.....6496
<u>See</u> Economics.	U. S. S. R....9130,9193	American Farm Bur. Fed....	Antibiotic substances.6150
Agricultural experiment	Uruguay River Basin.9159	9352	plant sources....6293-4
stations. <u>See</u> Experiment	Venezuela.....5878	<u>See also</u> names of farm	Ants.....8076
stations.	<u>See also</u> Agronomy; Cor-	bureaus.	habits and behavior....
Agricultural extension.	porative organization	American Friends Service	8079,8084,8087
<u>See</u> Extension work.	of agriculture; Farms	Com.....8364	<u>See also</u> Birds, anting;
Agricultural history.	and farming; <u>and</u>	American Jersey Cattle	<u>and</u> names of families
<u>See</u> History.	specific subjects.	Club.....7199	and genera.
Agricultural products	Agrilus cladrastis n. sp..	Amino acids	Apera.....6298
Borneo.....8372	7946	in human nutrition.9404,	Aphenogaster testaceo-
Brazil.....9048	Agrilus sexguttatus...7958	9416,9420	pilosa.....8073
Hungary.....8412	Agronomy.....5368	in poultry nutrition....	Aphids.....8052,8055
regulation and inspec-	<u>See also</u> Fertilizers;	7452	control.....8053
tion,international.8417	Field crops; Soils.	Annate. <u>See</u> Ammonium	India.....8069
		sulfamate.	<u>See also</u> names of genera



- Item**  
*Apis maidis*.....7740  
 Apiculture.5409,5702,5821,7786  
   apiaries.....7781  
   Argentina.....7767  
   as an occupation...7799,  
     7812,7819  
   associations...7778,7798,  
     7807  
   colony management..5821,  
     7770,7837,7841-2,  
     7845,7854,7858-9,  
     7871,7875  
   drones.....7857,7861  
   queens.7830,7836,7844,  
     7856,7860,7869-70,  
     7872,7877-80  
   seasonal.7839-40,7846,  
     7849,7853,7863,  
     7866-8,7874,7876  
   swarming...7838,7843,  
     7847-8,7850-2,7855,  
     7862,7864-5,7873  
   conferences and con-  
   gresses.....7797,7817  
   cooperative.....7875  
   equipment...7770,7792-3,  
     7818,7821  
   combs.....7820,7831  
   hives..7765,7780,7796,  
     7842,7866,7871  
   France.....5818,7769  
   Germany.....7776,7816  
   Great Britain.....7769  
   history.....7804,7814  
   legislation...7788,7828  
   migratory.....7783,7789,  
     7800,7803,7824  
   New Zealand.....7876  
   regulation and inspec-  
   tion.....7827  
   Switzerland.....7780,7788  
   taxation.....9084  
   U. S. S. R.....7826  
   See also *Apis mellifera*;  
   Beeswax; Honey; and  
   Under Insurance and  
   Veterans.  
 Apiculturists.....9504  
*Apis indica*.....7810  
*Apis ligustica*.....7835  
*Apis mellifera*  
   anatomy and physiology..  
     7809  
   as pollinators.....5474,  
     6288,7763,7771,  
     7779,7790,7813,7822  
   breeding.7766,7768,7777,  
     7784-5,7794,7832  
   diseases.5409,7775,7782,  
     7805,7823,7827  
   habits and behavior.7825  
   nutrition.....7774,7791,  
     7811,7815  
   poisoning.....7806  
   See also Apiculture;  
   Bees; Beeswax; Honey;  
   Sugar, as feed for  
   bees.  
 Apodacra.....5822  
*Aporia crataegi*.....8104  
 Apples  
   anatomy and physiology..  
     6435,6787  
   Canada.....8704  
   canning.....5478  
   containers.....8737  
   culture.....6431,6438  
   diseases..6022,6104,6138  
   dwarf trees.....6439  
   industry.....8681,8686  
   Italy.....6444  
   juice and sirup....8711  
   marketing.....5459
- Item**  
 Apples--Continued.  
   New Zealand.....6444  
   packaging.....8737  
   pests.....7724  
   planting.....6429  
   pollination.....7813  
   products.....8713  
   programs.....8704  
   propagation...6430,6440  
   pruning.....6422  
   quality.....8733,8767  
   regulation and inspec-  
   tion.....5487  
   situation and outlook...  
     8688  
   soils.....6787  
   storage.....8771  
   thinning.....6437  
   utilization.....5380  
   varieties....6420,6424,  
     6430,6436  
   See also Crabapples.  
 Applesauce.....5478,8767  
 Apricots.....5853  
   canned, regulation and  
   inspection.....5487  
   situation and outlook...  
     8696  
 Aquatic insects.....7703  
   See also names of  
   families and genera.  
 Aquatic plants.....6677  
 Araba.....5822  
 Araneida. See Spiders.  
 Archips fumiferana  
   Canada.....8109  
*Arctium minus*. See Bur-  
   dock, smaller.  
*Arctostaphylos manzanita*..  
   6532  
*Arctostaphylos uva-ursi*.  
   See Bearberry.  
*Argiope brunnichii*...7890  
*Argynnis niobe sequanica*  
   n. race.....8130  
*Argyresthia*.....8116  
 Arhaphes.....7932  
*Ariasella pandellei* n. sp.  
   8007  
 Armed forces  
   pest control.....8054  
   vegetable production....  
     8693  
   See also Veterans; Vet-  
   erinary medicine; U. S.  
   Army and under specif-  
   ic subjects.  
 Armyworms. See Cutworms.  
*Arrhenatherum elatius*  
   bulbosum. See Oatgrass,  
   tuber.  
 Arsenicals  
   fungicides.....6043  
 Arteriosclerosis  
   in dogs.....7341  
*Arthonia cinnabarina*..6016  
 Arthropods. See Fossil  
   arthropods; and names of  
   classes, orders, families,  
   and genera.  
 Artichokes.....6628  
 Artificial insemination...  
   7106  
   cattle.....7223  
   cooperatives....7197,  
     7208,7215  
   horses.....7360  
   poultry.....7427  
   sheep.....7622  
*Asclepias*. See Milkweed.  
 Ascorbic acid  
   in animal nutrition.7237  
   in food.....8816,9433  
   in food processing..9406
- Item**  
 Ascorbic acid--Continued.  
   in vegetables..5547,9422  
   stability.....9460  
   therapeutic use....9434  
   See also Dehydroascor-  
   bic acid; Vitamin C.  
 Ashley Natl. Forest, Utah  
   and Wyo., maps.....5431  
 Asilidae.....8018  
   See also names of genera.  
 Asparagine.....7970  
 Asparagus, culture....6646  
 Aspen, wood.....7043  
*Aspergillus terreus*...6300  
 Association of Operative  
   Millers.....8782,8797  
 Aster yellows  
   of carrot.....6166  
 Asteraceae.....5917  
*Ataenius*.....7921  
 Ataxia, in cats.....7351  
 Atrophy, muscular  
   in ducks.....7489  
 Atta, control.....8085  
*Atta sexdens rubripilosa*..  
   7905  
*Atypus bicolor*.....7902  
 Auctions. See subhead  
   marketing under names of  
   commodities.  
 Aubudon Sugar Factory.9004  
*Aufidus*.....8056  
*Aujeszky's disease*. See  
   Pseudorabies.  
 Australia.....5633  
 Auxins. See Growth sub-  
   stances for plants.  
 Avicenniaceae.....5961  
 Avitaminosis. See subheads  
   under Vitamins and names  
   of vitamins.  
 Avocado.....5839  
 Azalea.....6571
- Babcock test*.....8522  
*Bacillus betle*.....6142  
 Bacon, vitamins.....9428  
 Bacteria.....6764  
   anatomy and physiology..  
     6245,6289  
   in insect control...8117  
   in soils.....6922  
   technique and equipment.  
     8240  
   See also names of  
   bacteria; and under  
   names of commodities.  
 Bacteria, coliform...8513  
 Bacterial canker, of cow-  
   pea. See *Xanthomonas*  
   vignicola.  
 Bacterial diseases  
   of plants, transmission.  
     6145  
   See also names of dis-  
   eases, organisms, and  
   hosts.  
 Bacterial ring rot  
   of potato.....5562,6148  
 Bactericidal lamps....8230  
 Bacteriophages.....7284  
*Bacterium marginatum*  
   on gladiolus.....6143  
*Bacterium solanacearum*  
   on eggplant.....6151  
   on tomatoes.....6151  
 Bacteroids.....8135  
 Bagasse.....8986  
 Bags.....8624  
 Baits and traps  
   for insects.....5396  
 Bakery products, regula-  
   tion and inspection.5487  
 Baking. See Dough.
- Item**  
 Balers.....8236  
 Ball, John.....9487  
 Bananas  
   Australia.....6418  
   culture.....6410  
 Bang's disease. See  
   Brucellosis.  
 Banks and banking....9067  
   credit.....9068,9216  
   See also Credit.  
 Barberry.....6109  
 Barium chloride.....7367  
 Barley  
   anatomy and physiology..  
     6257  
   diseases.....6082  
   drying.....8781  
   storage.....8781  
 Barlow Report.....5725  
 Barns  
   construction.....8332  
   dairy.....8306  
 Barnyards.....5613,8284  
 Barracks.....8054  
 Barrels.....7060  
 Barriers, for insects.5577  
 Basidiomycetae.....6004  
 Basil, camphor.....6713  
 Bathyscia.....7945  
*Batrachospermum*.....6190  
 Bayberries.....9022  
 Bdellidae.....7897  
   See also names of gen-  
   era.  
 Beans  
   culture...6638,6650,6664  
   diseases.....6021,6141  
   dried.....5370,5383  
   fertilizers....6815,6819  
   for processing.....6815  
   pests.....7960  
   picking.....5638  
   spraying and dusting...  
     6141  
   varieties.....6658  
   See also Soybeans.  
 Beans, lima.....6648  
   diseases.....6113  
 Bearberry.....6712  
 Bedbugs. See Cimex.  
 Beech.....6173,6308  
 Beechnut oil.....8896  
 Beef  
   Canada.....8852  
   grading and standardiza-  
   tion.....8832  
   Italy.....8887  
   marketing.....8832  
   quality.....8870  
   regulation and inspec-  
   tion.....5487  
 Beer.....8474,8781,9426  
 Bees  
   New Guinea.....7829  
   venom.....7795,7808  
   See also Apiculture;  
   Apis; and names of fam-  
   ilies and genera.  
 Beeswax...7772,7787,7795,  
   7801,7818,7840  
 Beetles. See Coleoptera.  
 Beets  
   anatomy and physiology..  
     6249,6474  
   canning.....5479  
   diseases.....6081  
   France.....9086  
   labor.....9086  
   See also Mangels; Sugar  
   beets.  
 Begonia.....5977  
   diseases.....6169  
   varieties.....6486,6540  
 Belerus.....7912



- Item**  
 Belgaumia.....7969  
 Bentgrass.....6298  
 Berberis. See Barberry.  
 Berries  
   Canada.....8708  
   culture.....6445-6,6449  
   pruning.....5645  
   statistics.....5669  
   See also names of  
   berries.  
 Betaine.....7173  
 Betula.....5964  
   See also Birch.  
 Betula papyrifera.....5912  
 Beverages.....5587  
   Bolivia.....5795  
   Chile.....5796  
   Colombia.....5797  
   Ecuador.....5798  
   Peru.....5799  
   Uruguay.....5800  
   Venezuela.....5801  
   See also names of  
   beverages.  
 Bibio.....7991  
 Bibionidae  
   Nearctic.....7991  
   See also names of gen-  
   era.  
 Bibliographies  
   agriculture.....5769  
   postwar.....5445  
   Camponotus herculeanus  
   pennsylvanicus.....5499  
   cartels.....5728  
   cattle, dairy  
   breeds.....5405  
   cattle diseases.....5404  
   dehydration.....5336,5379  
   forestry.....5436  
   freezing of foods.....5379  
   grasshoppers and  
   locusts.....8140  
   horses.....5806  
   insecticides.....5410,7716  
   Iowa. Agr. Expt. Sta....  
     5585  
   Iowa. State Col. of Agr.  
   Ext. Serv.....5585  
   Mo. Agr. Col. Ext. Serv.  
     5528  
   Mo. Agr. Expt. Sta. 5528  
   postwar planning.....5754  
   U. S. Dept. of Agr.  
     Ent. and Plant Quar.,  
     Bur. of.....5413  
     Ext. Serv.....5425  
   See also names of  
   authors of publica-  
   tions.  
 Big vein, of lettuce..6158  
 Billbergia.....5978  
 Biographies. See names of  
 persons.  
 Biological control  
   of insects.....8117  
 Biology.....5872  
 Biometry. See subhead  
   statistical methods under  
   Botany.  
 Birch  
   wood.....5439  
   See also Betula.  
 Birch, paper. See Betula  
 papyrifera.  
 Birds.....7697  
   anting.....7697  
   as pests.....5544,6035  
   insect food.....7689  
   West Virginia.....5558  
   See also names of birds.  
 Bisethylxanthogen. See  
 K preparation.
- Item**  
 Black carpenter ant. See  
 Camponotus herculeanus  
 pennsylvanicus.  
 Black flies. See  
 Simuliidae.  
 Black markets.....8398  
 Black spot, of rose...6061  
 Blaesoxipha.....5822  
 Blanching.....8448  
 Bleaching. See under  
   specific subjects.  
 Blight. See Early blight;  
   Late blight.  
 Blissus leucopterus...5577  
 Blister rust  
   of Sierra currant...6105  
   of Sierra gooseberry....  
     6105  
 Bloat, in cattle.....7256  
 Blood  
   analysis and composi-  
   tion.....7177-8,7638  
   of dogs.....7350  
   of horses.....7377  
   of insects...7970,8107,  
     8122  
   of rabbits.....7605  
   transfusion.....7169  
   utilization.....7130  
 Blowflies  
   control.....8011  
   See also names of gen-  
   era.  
 Blueberries, diseases.6160  
 Bluegrass, big.....6374  
 Bluegrass, Kentucky...6359  
 Body louse. See Pediculus  
   humanus corporis.  
 Boletaceae.....6011  
 Bomarea.....5987  
 Bombay Plan, India...5736,  
   9043  
 Bombed areas.....7825  
 Bombomima grossa.....7691  
 Bombus.....7771  
 Bones. See Osteology.  
 Books, pests.....7881  
 Borax, effect on plants...  
   6081,6819  
 Bordeaux mixture.....6039  
 Boreus hyemalis.....8143  
 Boron  
   effect on plants...6023,  
   6081,6254,6270,  
   6768  
   fertilizers.....6923  
 Bostrychidae  
   Belgian Congo.....7964  
   See also names of genera.  
 Botanic gardens. See  
   names of botanic gardens.  
 Botanists.....5907,9487  
   See also names of  
   botanists.  
 Botany.....5849  
   Colombia.....5841  
   economic.....5858  
   history.....9487  
   Latin America.....5858  
   nomenclature...5895,5910  
   statistical methods.6702  
   technique and equipment.  
     5884,5889  
   See also Flora; Plants;  
   Vegetation.  
 Botrytis convoluta. See  
   Rhizome rot, of iris.  
 Bottles. See Milk, con-  
   tainers.  
 Boubier, Louis.....9502  
 Bovicola bovis.....8159  
 Boxes  
   paperboard.....7073  
   wood.....7059
- Item**  
 Brachygluta.....7957  
 Brain, of cats.....7351  
 Bran.....8795  
 Branding. See subhead  
   identification under  
   names of animals.  
 Brassica, diseases....6094  
 Bread.....8779,8821  
   fortified.....9444,9458  
   nutritive value...5363,  
     9455  
   vitamins.....9469  
   whole-grain.....9455  
 Breadfruit.....6413  
 Breakfast foods  
   vitamins.....9457  
 Bremia lactucae.....6110  
 Brewers' yeast. See  
   Yeasts, brewers'.  
 Brining. See subhead  
   preservation under names  
   of products.  
 Britton, Nathaniel Lord...  
   9491  
 Broccoli, culture.....6669  
 Brodiaea uniflora.....6512  
 Broilers. See Poultry,  
   meat production; Poultry  
   meat.  
 Brome.....5592,6378  
 Brome, cheatgrass. See  
   Bromus tectorum.  
 Brome, poverty. See  
   Bromus sterilis.  
 Bromeliaceae.....5922  
 Bromus guetrotii.....5920  
 Bromus sterilis.....5920  
 Bromus tectorum.....5920  
 Bronchopneumonia  
   in horses.....7393  
 Brooders.....5665  
 Broom (plant).....9018  
 Broom millet. See Broom-  
   corn.  
 Broomcorn.....6326  
 Brown, Robert.....9501  
 Brown bast, of Hevea..6076  
 Brown loam soils.....6836  
 Brown rot  
   of apples.....6138  
   of peach.....6095  
   of plum.....6095  
 Brown-tail moth. See  
   Nygmæa phaeorrhoea.  
 Brucella abortus  
   vaccines....7142-3,7255,  
     7283  
   See also Brucellosis.  
 Brucellosis  
   control.....5353  
   immunization.....5675  
   in cattle  
     control....7257,7264,  
       7268-9  
     tests.....7254  
   in man.....5674  
   in sheep, tests....7636  
   New Jersey.....7264  
   U. S. S. R.....7159  
   See also Brucella  
   abortus.  
 Brush pushers.....5599  
 Brussels sprouts.....6627  
 Bryonia dioica.....6182  
 Buckthorn, cascara...6701,  
   6731  
 Buckthorn.....6701  
 Buckwheat.....5694  
 Building materials...8292,  
   8361  
   See also kinds of  
   building materials.
- Item**  
 Buildings.....5760  
   maintenance and repair..  
     8286  
   prefabricated.....8301  
   See also Barns; Storage,  
   buildings; names of  
   kinds of buildings; and  
   subhead housing under  
   names of animals.  
 Bulbs (plant).....9025  
   culture.....6513  
   diseases.....6028  
 Buller, Arthur Henry  
 Reginald.....9505  
 Bulls  
   purchasing.....8861  
   transportation.....8862  
 Bumblebees. See names of  
   genera.  
 Bunt, of wheat. See Smut,  
   of wheat.  
 Buprestidae, France...5817  
 Bur-clover.....5516  
 Bur-clover, manganese.6356  
 Burdock, smaller.....6294  
 Burns, in horses.....7368  
 Bursitis, in swine...7677  
 Business.....9338  
 Business cycles.....9049  
 Butchering. See Slaugh-  
   tering.  
 Buthacus ducrosi.....7891  
 Buthiscus bicalcaratus....  
   7913  
 Butter  
   analysis and composi-  
   tion.....8518,8536  
   keeping quality....5392  
   legislation.....8558  
   manufacture...8510,8579,  
     8587  
   home.....5713,8577  
   marketing.....8510  
   milk for.....8535  
   regulation and inspec-  
   tion.....5487  
   situation and outlook...  
     8398  
   Union of South Africa...  
     8508  
   vitamins..5492,9429,9451  
 Butterfat. See Milk, fat.  
 Butterflies.....8119  
   collecting and collec-  
   tions.....8114  
   Great Britain.....8120  
   Iowa.....8112  
   See also names of fam-  
   ilies and genera.  
 Butterfly-pea, coastal.  
   See Centrosema vir-  
   ginianum.  
 Buttermilk.....8483,8518
- Item**  
 Cabbage  
   diseases.....6071,6165  
   marketing.....5459  
   pests.....7726  
   poisonous plants...7253,  
     7281  
 Cacao  
   anatomy and physiology..  
     6244,6253  
   biochemistry.....6244  
   diseases.....8047  
   Trinidad and Tobago.6698  
   See also Cocoa.  
 Cachaza.....6945  
 Cactobrosis fernaldalis...  
   6145  
 Cactus. See names of  
   cacti.  
 Caeculus.....7894



**Item**  
*Caesalpinia melanocarpa*... 5923  
 Caesarian section  
   dogs.....7349  
*Cailliea glomerata*....6679  
 Caja del Retiro y Asistencia Social de Obreros y Empleados de la Industria Azucarera.....9096  
*Cajanus indicus*. See Congo pea.  
 Calcium  
   effect on plants...6229, 6233, 6259, 6297  
   in human nutrition..9425  
   See also Lime.  
 Calcium chloride.....7709  
 Calcium humate.....6752  
 Calculi, biliary  
   in horses.....7389  
 California laurel. See *Umbellularia californica*.  
 California poppy. See *Eschscholtzia californica*.  
*Callimorpha hera*.....8122  
 Calliphoridae  
   Europe.....5822  
*Calluna*.....6474  
 Calomel. See Mercurous chloride.  
 Calves and heifers  
   anatomy and physiology.. 7289  
   diseases.....7299  
   feeding and nutrition... 7317  
   parasites.....7270  
   See also Feed; and names of feeds and of anatomical parts, diseases, parasites, and products.  
 Calves and heifers, beef.. 5644  
   feeding and nutrition... 5561  
   Italy.....8828  
*Calypogeia*.....5990  
*Calyptridium*.....5964  
*Camarcopycnis n. g.*....5996  
*Campanula*.....6295  
*Camphor*.....6713  
*Camponotus herculeanus pennsylvanicus*.  
   bibliographies.....5499  
 Canary grass.....8589  
 Canary grass, reed...6361  
 Cancer. See Carcinogens.  
 Candelilla.....9020  
 Candles.....9022  
 Canker, in rabbits.....7603  
 Cannibalism. See subhead vices under Poultry and kinds of poultry.  
 Canning and preserving... 8451  
   community.....8438, 8442  
   effect on vitamins..9431  
   home.....5615, 8439, 8443  
   See also 4-H Clubs, food preservation; Preservation of food; and sub-heads canned, canning, and preservation under names of products.  
 Cans.....8425, 8756  
 Cantaloups, culture...6674  
 Capons. See Poultry, capons.  
*Carabidae*, France.....5817  
 Carbohydrates.....6298  
   effect on plants....6226

**Item**  
 Carbohydrates--Continued.  
   in animal nutrition.... 7231-3  
   in food.....8791  
   See also Sugar.  
 Carbon.....7061  
 Carbonite.....7094  
 Carcasses.....8833  
   See also under names of animals.  
*Carcelia*.....8016  
 Carcinogens.....6267  
 Cardiophorus.....7932  
 Carex.....5985  
 Carnation. See *Dianthus*.  
*Caroa*.....8669  
 Carotene.....9410  
   in animal nutrition.7237  
   in poultry nutrition.... 7484  
   in vegetables.....9422  
   See also Vitamin A.  
*Carpocapsa pomonella* control.....8088, 8126  
 Carrot fly. See *Psila rosae*.  
 Carrots  
   canning.....5478, 5480  
   culture.....5611, 8697  
   diseases.....6166  
   marketing.....5459  
   Palestine.....6632  
   pests.....8017, 8019  
 Cartels.....5728, 5759  
*Carthamus*.....5946  
*Caryatis syntomina*...8107, 8122  
 Cascara. See Buckthorn, Buckthorn, cascara.  
 Cascara sagrada. See Buckthorn, cascara.  
 Casein, utilization...8538  
 Cassava.....6205  
 Cassia. See Senna.  
*Castnia licus*.....7740  
 Castor-beans  
   anatomy and physiology.. 6187, 6213  
   Italy.....8895  
 Castor oil.....8911  
 Catarrh, in horses...7382  
 Catopsis.....5978  
 Cats.....7354  
   breeds and breeding..7332  
   transportation.....7332  
   See also Feed and names of feeds; and names of anatomical parts, diseases, and parasites.  
 Cattle.....5370  
   Australia.....7308  
   breeds and breeding..7213  
   dual purpose  
     Red Polled.....7201  
   Cuba.....8871  
   dehorning.....7301  
   dipping.....8159  
   diseases.....7250  
   bibliographies...5404  
   farms and ranches  
     diversified.....7509  
   feeding and nutrition... 7234  
     pasture and range..7233  
   fertility..7194, 7210-11, 7266, 7296  
   Germany.....5814  
   grading and standardization.....8871  
   history.....7303  
   injuries.....7266  
   foreign objects..7294-5

**Item**  
 Cattle--Continued.  
   New Mexico.....7303  
   parturition.....7271  
   pregnancy.....7260  
   shows and sales...7304-5  
   study and teaching..5814  
   surgery.....7256  
   transportation.....8866  
   weight and measurement.. 7305  
   See also Artificial insemination; Barns; Bulls; Calves and heifers; Feed; Oxen; Pastures; Veterinary medicine; and names of feeds and of anatomical parts, diseases, parasites, and products.  
 Cattle, beef  
   Australia.....8854  
   breeds and breeding.... 7205, 7225  
     Aberdeen-Angus.....7202  
     Brahman (Zebu)...7195  
     Hereford.....7221  
     Polled.....7214  
     Shorthorn.....7209  
   feeding and nutrition  
     pasture and range..7262  
   Great Britain.....7212  
   Italy.....8889  
   judging.....7307  
   situation and outlook... 9114  
   Southern States....7306, 7315  
   statistics.....8889  
   See also Artificial insemination; Barns; Bulls; Calves and heifers; Feed; Oxen; Pastures; Veterinary medicine; and names of feeds and of anatomical parts, diseases, parasites, and products.  
 Cattle, dairy  
   breeds and breeding.... 7198, 7204, 7217, 7222  
   Ayrshire.....7196, 7220  
   bibliographies....5405  
   Brown Swiss.....7219  
   Guernsey.....7207  
   Jersey...7199-200, 7218  
   Milking Shorthorn..7203  
   Normandy.....7206, 7216  
   care, seasonal.....7300, 7316, 7321  
   Colombia.....7206, 7216  
   Eire.....7311  
   feeding and nutrition... 7230, 7237  
     pasture.....7224  
     seasonal.....7235  
     use of substitutes.... 7239  
   Great Britain.....7222  
   Greece.....7219  
   Guernsey Island....7207  
   judging.....7199, 7217  
   lactation.....7249  
   milk production....7309  
     effect of feeding..7241  
   records and testing.... 7311, 7319-20

**Item**  
 Cattle, dairy--Continued.  
   See also Artificial insemination; Barns, dairy; Dairy industry; Feed; Milking; Pastures; Veterinary medicine; and names of feeds and of anatomical parts, diseases, parasites, and products.  
 Cattle biting louse. See *Bovicola bovis*.  
 Cattle grubs. See Hypoderma.  
 Cattle plague. See Rinderpest.  
*Cattleya luteola*.....6463  
 Cauliflower  
   culture.....6619, 6643  
   pests.....8089  
 Caustic soda. See Sodium hydroxide.  
 Cave fauna.....7909  
 Ceiba.....6344  
 Celery  
   culture.....6665  
   marketing.....5460  
   pests.....5395  
 Celery leaf tier. See *Phlyctaenia rubigalis*.  
 Cellulose.....6245, 9030  
   chemistry.....8617  
   in human nutrition..9455  
 Census  
   housing.....8298  
   population  
     Canada.....5726  
     inter-American...9269  
     Peru.....5745  
 Centipedes. See Chilopoda.  
 Central Valley Proj., California.....6876  
 Centro Nazionale di Studi sul Sorgo Zuccherino..8807  
*Centrosema virginianum*.... 5913  
*Cephalotes atratus*....8074  
*Cephus cinctus*.....8080  
 Cerambycidae  
   Cameroun.....7947  
   larvae.....7928  
   See also names of genera.  
*Ceratitidis capitata*  
   Italy.....7987  
*Ceratophya*.....7993  
 Cercopidae  
   collecting and collections.....8056  
   See also names of genera.  
 Cereal products. See Breakfast foods; Grain products; and names of products.  
 Cereals. See Grain.  
*Cereus giganteus*.....6145  
*Cetoniinae*.....7923  
*Ceutorynchus pleurostigma*. 7939  
*Chaecopsestis n. g.*....8113  
 Chantiers de la Jeunesse (France).....9348  
 Charcoal.....7062, 7094  
 Cheese  
   analysis and composition 8521, 8523, 8531, 8534, 8536  
   defects.....8564  
   equipment.....8238, 8256



	Item		Item		Item		Item
Cheese--Continued.		Chrysanthemum		Clubs--Continued.		Colloids.....	6304
kinds		anatomy and physiology..		<u>See also</u> 4-H Clubs;		Collybia costesi.....	6005
Cheddar.....	8238,8534	culture.....	6555,6597	names of organizations;		Colonization. <u>See</u> Land,	
regulation and in-		Chrysophyllum.....	5942	<u>and subhead</u> associa-		tions <u>under</u> specific	
spection.....	5487	Chrysothamnus nauseosus.		subjects.		Color. <u>See under</u> specific	
cottage.....	5364	<u>See</u> Rabbitbrush, rubber.		Coccidiosis		subjects.	
Emmental.....	8561	Churches.....	9311	in dogs.....	7345	Colorado potato beetle.	
goats milk.....	8569	Cicindela.....	7935	in poultry		<u>See</u> Leptinotarsa	
manufacture.....	5782,8510	Cigarettes.....	8033	control.....	7497	decemlineata.	
marketing.....	8510	Cimex lectularius		in rabbits.....	7602	Colostrum.....	8488
milk for.....	8535	control.....	8054	Coccinellidae		Colts.....	7393
quality.....	8561	Cinchona.....	5783,5888,9032	genetics.....	7966	Columbia Valley Authority.	
regulation and inspec-		diseases.....	6074	<u>See also</u> names of fam-			8353
tion.....	5487	<u>See also</u> Quinine.		ilies and genera.		Comb, of poultry.....	7488
Switzerland.....	8481,8504	Cistus.....	6530	Cocker Spaniel Club of		Combines.....	8239
Chelidonium majus.....	6184	Citrus		South. Calif.....	7327	Commodities. <u>See</u> Agricul-	
Chelifer cancrroides...	7910	cooperatives.....	8723	Cockroaches.....	8138	tural products; Raw ma-	
Chenopodiaceae.....	5979	culture.....	6685-6	control.....	7736,8134	terials; <u>and</u> names of	
Chenopodium botrys....	6528	diseases.....	6030,6156	<u>See also</u> Blattidae; <u>and</u>		commodities.	
Cherimoya.....	5839	fertilizers.....	6817	names of genera.		Commodity Credit Corp. <u>See</u>	
Cherries		India.....	6411	Cocks		U. S. Dept. of Agr., Com-	
Canada.....	8683	industry.....	8707	purchasing.....	7552,7587	modity Credit Corp.	
diseases.....	6111	irrigation.....	6867,6880	Cocoa, waste, as feed....	7680,7684	Communist Youth Organiza-	
pests.....	8116	juices and sirups....	8765			tion, U. S. S. R.....	9351
regulation and inspec-		marketing.....	8716,8722,	Coconuts		Communities.....	5768
tion.....	5487		8730	diseases.....	6060	forest.....	6960
yields.....	6062			Mexico.....	8695	Kanas.....	5495
Chestnuts		planting.....	6888	<u>See also</u> Copra.		Tennessee.....	9276
preservation....	8748,8752	postwar.....	8722	Cod-liver oil....	7498,9410	<u>See also</u> Canning and	
Chickens. <u>See</u> Poultry.		products.....	8753	Codling moth. <u>See</u> Car-		preserving, community;	
Chicks		propagation.....	6415	pocapsa pomonella.		Clubs; Discussion	
anatomy and physiology..	7447	pruning.....	6412	Coelogyne tomentosa....	6489	groups; Landscape	
care.....	7420,7513	situation and outlook...	8687	Coffea.....	5837	gardening, community;	
diseases.....	7481,7498	Union of South Africa....	8716	<u>See also</u> Coffee.		Leadership, rural;	
feeding and nutrition...	7443-4,7447,	<u>See also</u> names of fruits.		Coffee		Recreation; Villages.	
	7454-5,7459,7484,	Citrus blackfly. <u>See</u>		Brazil.....	8456,9367	Complement fixation...	7636
	7492	Aleurocanthus woglumi.		culture.....	6725,6730	Compositae.....	6110,6186
use of substitutes....	7448	Clavicornia. <u>See</u> Coleop-		fertilizers.....	6820	Composts...5845,6811,6946,	
parasites.....	7481,7497	tera, Clavicornia.		India.....	6715	6950,7114,7546	
Children.....	9282	Clays.....	6737	industry.....	8453	preparation...6941,6947,	6954
education and training..	5631,5768,9276	<u>See also</u> Soils, clay;		pests.....	7918	Compression of food. <u>See</u>	
<u>See also</u> Infants; Nutri-		<u>and</u> kinds of clay.		prices.....	8453	<u>under</u> names of products.	
tion (human), children;		Cleistogamy.....	6240	pruning.....	6704	Concentrates (feed)..	8591,
Youth.		Clematis....	6487,6519,6588	regulation and inspec-		8595	
Chile. Junta de Exporta-		Climate and weather...9509		tion.....	5487	Confectionery.....	8392
ción Agrícola.....	5790	Dominican Republic..9132		shading...6697,6705,6707,	6728	nutritive value....	5785,
Chilopoda.....	7911	effect on			6771	9472	
<u>See also</u> names of fam-		milk.....	8525	soils.....	6771	vitamins.....	9435
ilies and genera.		plants.6062,6396,6809,		transportation.....	8456	Conferences and con-	
Chinch bug. <u>See</u> Blissus		9510		Venezuela.....	5762	gresses	
leucopterus.		trees.....	6312,7026	<u>See also</u> Coffee.		Guatemala.....	9479
Chinureum.....	7157	<u>See also</u> Drought; Frost;		Coffee berry borer. <u>See</u>		inter-American.....	9507
Chipboard. <u>See</u> Paper-		Humidity; Hurricanes;		Stephanoderes hampel.		international.....	9480
board.		Meteorology; Precipita-		Colchicine, effect on		<u>See also</u> names of con-	
Chlorella.....	6258	tion; Temperature;		plants, as a growth sub-		ferences <u>and under</u>	
Chlorella pyrenoidosa.	6230	Wind; <u>and subhead</u> in-		stance.....	6261	specific subjects.	
Chlorine.....	6745,6763	juries <u>under</u> specific		Cold, in food preserva-		Congo pea.....	6240
Chlorion laeviventris.	8077	subjects.		tion.....	5778	Coniferae.....	5476
Chloris halophila n. sp...	5966	Clothes driers.....	5706	Coldframes.....	6399,6403,	anatomy and physiology..	6278
		Clothes moths.....	5365		6666-7		6135
Chloris humbertiana n. sp.	5919	Clothing.....	5648	Coleoptera		diseases.....	6135
		<u>See also</u> Sewing.		Clavicornia.....	7954	<u>See also</u> Evergreens.	
Chlorosis		Clover oil		France.....	7953	Conoderus bellus.....	5498
in plants.....	6235	synthetic.....	8459	Great Britain..7929,7943		Conservation. <u>See</u> Conser-	
of Hevea.....	6059	Clover		habits and behavior.7726		vation farming; Soil con-	
Chlorotettix, Mexico..8050		Yields.....	5473	parasites and predators		ervation; <u>and under</u>	
Chocolate. <u>See</u> Cocoa.		<u>See also</u> Bur-clover.		of.....	7691	specific subjects.	
Cholesterol.....	9443	Clover, crimson.....	5694	<u>See also</u> common group		Conservation farming.....	
Choline.....	7129,7173	Clover, Ladino.....	6370	names; <u>and</u> names of			5371-2,5374,
Chopardita n. g.....	8066	Clover, red.....	7771	families and genera.			5376
Chortinaspis iridis n. sp.	8046	Clover, white		Colibacillosis, in calves.		North Carolina.....	5368
		honey plant.....	7789	<u>See</u> Scours, in calves.		Southern States.....	5375
Christmas, carols.....	5673	Clovla.....	8056	Colic, in horses....	7367,	Texas.....	5377
Chromosomes		Club root			7387,7390	<u>See also</u> Contour farm-	
insect.....	7984	of Brassica.....	6094	Collective farming		ing; Strip cropping;	
plant.....	6181	Clubs		U. S. S. R.....	6328,6342,	Terracing.	
<u>See also</u> Genes; Mitosis;		garden	6400		9070,9100,9130,	Consorzio Produttori Latte	
Polyploidy.					9173,9192-3,9213	di Torino (Italy)....	8476
				Collembola.....	8151	Constipation	
				<u>See also</u> names of fam-		in rabbits.....	7605
				ilies and genera.			



Item	Item	Item	Item
Consumption. <u>See under</u> names of commodities.	Corn, sweet.....6631	Counties--Continued.	Cruciferae.....6197
Containers	culture.....6620,6652	California	oil.....8893
fiber.....7079,8424	fertilizers.....6825	Butte.....5962	<u>See also</u> names of
glass.....8422	Corn cribs.....8322	Marin.....5947	cruciferae.
situation and outlook...	Corn earworm. <u>See</u>	Modoc.....5892	Cryptocercus punctulatus..
8423,8426	Heliothis armigera.	Siskiyou.....5892	8135
used.....5349	Corn leaf aphid. <u>See</u>	Tulare.....6685	Cryptostegia.....6305
<u>See also</u> kinds of con-	Aphis maidis.	Georgia, Putnam.....6906	Cryptostegia grandiflora..
tainers <u>and under</u>	Corn stalks.....8229,8790	Minnesota	8952
names of commodities.	Cornus canadensis.....5930	Washington.....5475	Cucumbers
Contour farming..6888,6903	Corporative organization	Montana, Cascade....8438	culture.....6666-7,7779
Convolvulaceae.....6202	of agriculture, France...	Nevada, Clark.....5929	diseases.....6162
Convulsions	9154,9336	New Jersey	preservation.....5503
in cattle.....7293	Corticium solani.....6102	Burlington.....7188	Cucurbita maxima. <u>See</u>
Cookery	Corylus. <u>See</u> Filberts.	North Dakota	Squash, winter.
large-quantity.....9470	Corynebacterium.....7277	Pembina.....6408	Cucurbits.....6279,6719
meal planning..5331,5333	Cost and standard of	Oregon, Washington..5666	Culex modestus.....8039
<u>See also</u> Lunches; Nutri-	living.....5776	Tennessee, Shelby...9195	Cultivators.....8218
tion (human); Salads;	family.....9171	Texas, Swisher.....7218	Curing. <u>See subheads</u> cur-
<u>and under</u> names of	India.....9043,9172	Washington, Yakima..5704	<u>ing and</u> preservation
foods.	<u>See also</u> Prices.	County agents. <u>See under</u>	<u>under</u> names of products.
Coolers.....8241	Cotton	Extension work.	Currents.....5839
Cooperation.9185,9191,9358	anatomy and physiology..	Cover crops.....6827,6848	culture.....5612
Canada.....9349,9353	5952,6291,6774	orchard.....5664	Currants, black.....9431
Colombia.....9330	Argentina.....8650	Cowpeas	Currants, Sierra.....6105
Connecticut.....7715	carding and combing.8634	diseases.....6118,6149	Cuticle, insect.....7693
Cuba.....9357	defoliation.....5556	<u>See also</u> Vigna.	Cutworms.....8115
Europe.....9331,9340	equipment...5511,8247-8,	Cows. <u>See</u> Cattle.	<u>See also</u> Phalaenidae;
Great Britain.....9329	8258,8260,8262	Coyotes.....7182,7652	<u>and</u> names of genera.
Iceland.....9339	fertilizers.5340,5508-9,	Crabapples.....6442	Cyanide.....6268
India.....9343,9355	5512,5514,6802,	Crafts. <u>See</u> names of	Cyanophyceae.....6194
international.....7733	6821	crafts.	Cyclotella meneghiniana...
neighborhood.....7828	fiber....8653,8656,8677	Cranberries	6196
Cooperative organizations.	ginning.....8607	irrigation.....6879	Cylloepus.....7937
5732,9326	grading and standardiza-	Craneflies. <u>See</u> Tipuloidae,	Cynara scolymus. <u>See</u>
finance...5525,9328,9341	tion.....8678	Tipulidae, etc.	Artichokes.
India.....8409	Great Britain.....8651	Cream.....5392	Cynipidae.....8083
legal decisions....5429	harvesting.....8262	bacteria.....8529	<u>See also</u> names of gen-
Missouri.....9338	history.....5952	care and handling...8588	era.
Southern States.....9524	India.....8651	fat.....8515	Cynorhina.....7993
taxation.....9081-2	industry.....8657	Creameries.....8316,8495	Cyrtorhinus.....7726
<u>See also</u> names of organ-	linters..8636,8644,8652	cooperative.....8547	Cysts, ovarian
izations; <u>subhead</u> co-	marketing.....8638	costs and returns...9221	in dogs.....7340
operative <u>under</u> Mar-	New Mexico.....5534	Credit.....5732,9057,9114	Cytology
kets and marketing;	pests....7731,7735,7757,	associations.....9065	plant.....6279
<u>and subhead</u> coopera-	8097	Indians.....9061-2	<u>See also</u> Genetics; <u>and</u>
tives <u>under</u> specific	prices.....8618	Italy.....9058	<u>subhead</u> anatomy and
subjects.	programs.....8630	Mexico.....9059-60	physiology <u>under</u> names
Cophura.....8018	regulation and inspec-	mortgage.....9064	of animals, insects,
Copper	tion.....5412	<u>See also</u> Banks and bank-	and plants
effect on plants....6934	research.....8638	ing; Government, aid to	DDT...7149,7720,7727,7732,
fertilizers.....6799	seed.....8899	agriculture; Indebted-	7758
fungicides.....6058,6136	treatment.....6055	ness; <u>and under</u> names	effect on plants....6286
in animal nutrition.7634	situation and outlook...	of commodities, indus-	for pests
in soils.....6934	8620,8654,8674,	tries, and Government	of forests...5407,7756
Copra, New Guinea.....8702	8676,9114	agencies.	of man and animals....
Cardgrass, smooth. <u>See</u>	Southern States.....8703	Creeping fowls.....7478	7753,7981,8023
Spartina alterniflora.	spinning, tests.....5455	Creolin.....7382	of plants.....7974
Corisella mercenaria..8044	spraying and dusting....	Crocicidolomia binotalis...	tests.....5408,5414,8126
Corn.....5370,6336	7718	7726	toxicity.....7708
anatomy and physiology..	substitutes.....8616	Crocus, saffron.....6718	Dacus passiflorae.....7726
6276	textiles.....8677	Cronartium ribicola. <u>See</u>	Dahlia.....6599
as feed	U. S. S. R.....6342	Blister rust, of Sierra	diseases.....6086
for poultry.....7445	varieties.....5534,6343,	current; Blister rust, of	Dairy industry..5484,6810,
for swine.....7664	8608,8630	Sierra gooseberry.	9073
breeding.....6217	<u>See also</u> Gossypium.	Crop residues.....6944	Australia.....8479
detasseling.....5695	Cotton, sea-island.....5952	Crops. <u>See</u> Agricultural	Brazil.....7312
diseases..6057,6092,6147	Cotton, upland.....5455	products; Agriculture;	Canada.....7320
Canada.....6051	Cotton Crop Purchase Pro-	Cover crops; Field crops;	Costa Rica.....7228
Nebraska.....5627	gram, 1945.....5485	Forage plants; Govern-	directories.....5403
South Carolina.....6122	Cotton pickers.....8254	ment, aid to agriculture;	equipment.....5466,8238
fertilizers...5510,5513,	Cottonseed	Insurance, crop; Rotation	maintenance and re-
5518	as feed, for cattle.7226	of crops; Statistics;	pair.....8233
harvesting.....8227	marketing.....8902	names of products, indus-	sanitation...8234,8240
heredity.....6276	purchase and sale pro-	tries, and Government	farms.....7203,7292
hybrids.....5654,6051	grams.....5400	agencies; <u>and</u> specific	Fiji.....8502
marketing.....8802	Cottonseed meal.....7117	subjects.	Italy.....8476,8501
sirup and sugar.....8981	Council of Canad. Beef	Crossotini.....7948	management....9180,9187
U. S. S. R.....6327	Producers.....8852	Crotalaria.....6019,6833	New Zealand.....9180
varieties.....5555	Counties	Crown gall	pests.....7753
yields.....6324,6332	Alabama, Baldwin....6130	of Lochnera rosea...6152	postwar.....8486,8498
<u>See also</u> Popcorn.		Crown rust, of oats...6087	



- | Item                            | Item                             | Item                             | Item                            |
|---------------------------------|----------------------------------|----------------------------------|---------------------------------|
| Dairy industry--Continued.      | Dianthus alpinus.....6491        | Dogs--Continued.                 | Ducks--Continued.               |
| programs....5456-7,5640,        | Diapause.....7704                | feeding and nutrition...7333     | Union of South Africa...7575    |
| 7318,8482                       | Diarrhea. <u>See</u> Scours.     | history.....7355                 | <u>See also</u> Feeds; and      |
| research.....7302               | Diatraea.....7740                | injuries.....7347                | names of feeds.                 |
| sanitation....5524,8230,        | Dichlorodiphenyltrich-           | foreign objects..7336,           | Dunes. <u>See</u> Sand dunes.   |
| 8560,8571                       | loroethane. <u>See</u> DDT.      | 7338                             | Durango root.....7176           |
| situation and outlook...        | 2,4-Dichlorophenoxyacetic        | surgery.....7342,7349            | Dust. <u>See</u> Wind; erosion. |
| 5580,8485,8503,                 | acid. <u>See</u> 2,4-D.          | training.....5807,7353           | Dust explosions.....5771        |
| 9114                            | Dichomeris marginellus....       | war use.....5810                 | Dusts and dusting....5582       |
| Switzerland...8478,8481,        | 8129                             | <u>See also</u> Feed and names   | <u>See also</u> Fungicides; In- |
| 8493                            | Dichroa febrifuga.....6710       | of feeds; and names of           | secticides; names of            |
| U. S. S. R.....9194             | Dichrostachys glomerata.         | anatomical parts,                | dusts; and subhead              |
| work management....8499         | <u>See</u> Cailliea glomerata.   | diseases, and parasites.         | spraying and dusting            |
| <u>See also</u> Barns dairy;    | Didymolophus.....7930            | Dogwood, bunchberry. <u>See</u>  | under specific sub-             |
| Cattle, dairy; Cream-           | Dieback, of elm.....6119         | Cornus canadensis.               | jects.                          |
| eries; Goats; Milk; and         | Diesel engines. <u>See</u> En-   | Dolichopodidae.....8012          | Dyeing.....8882                 |
| names of dairy pro-             | gines, Diesel.                   | <u>See also</u> names of gen-    | <u>See also</u> under Fibers.   |
| ducts.                          | Diet. <u>See</u> Nutrition       | era.                             | Dysentery, in swine...7284      |
| Dairy products                  | (human), diet.                   | Domestic animals. <u>See</u>     | Dystrophy. <u>See</u> Atrophy.  |
| Argentina.....9366              | Diggers.....5698,8209            | Livestock.                       | Early blight                    |
| industry.....8489               | Digitalis. <u>See</u> Foxglove.  | Dopatrium junceum....5962        | of potato.....6089,6121         |
| nutritive value....9419,        | Dimethylaminoethanol..7173       | Dormancy, in plants...6283       | Easlea, Walter.....9497         |
| 9448,9452                       | Diospilus ephippium...8072       | Doronicum.....6568               | Eastern States Farmers'         |
| regulation and inspec-          | Diplococcus, infection           | Dorygonus.....7930               | Exch.....8408                   |
| tion.....5472,8489              | in cattle.....7244               | Dough.....8816                   | Echeveria.....5972              |
| situation and outlook...        | Diplodia theobromae              | Downy mildew                     | Echinopsis.....6560             |
| 8387                            | on peanut.....6139               | of Compositae. <u>See</u>        | Ecology                         |
| statistics.....5452             | Diploidy. <u>See</u> Polyploidy. | Bremia lactucae.                 | forest.....6172-3               |
| <u>See also</u> names of dairy  | Dips and dipping. <u>See</u>     | of grape.....6136                | British Honduras...6176         |
| products.                       | names of insecticides;           | of tobacco.....6124              | insect....7698,8027,8145        |
| Dallis grass.....6358           | and under names of               | Dragonflies. <u>See</u> Odonata. | plant.....6171,6178             |
| Damping-off.....6921-2          | animals.                         | Drainage.....6734                | U. S. S. R.                     |
| of conifers.....6135            | Diptera                          | British Guiana.....9039          | Amur (Province...6177           |
| Dances.....9302                 | as parasites and pre-            | Canada, Quebec.....6878          | Siberian Regions.6177,          |
| Dasyneura rhodophaga..7980      | dators.....5822                  | Italy.....6854                   | 6179                            |
| Dates.....6414                  | France.....7975,8003             | legislation.....6854             | <u>See also</u> Flora; Vege-    |
| regulation and inspec-          | Great Britain.....7995           | New Zealand.....8185             | tation.                         |
| tion.....5487                   | <u>See also</u> common group     | Nigeria.....8026                 | Economic conditions...5718      |
| Datisca glomerata.....7176      | names; and names of              | Draw bars.....8251               | Argentina.....9033              |
| Debts. <u>See</u> Indebtedness. | families and genera.             | Dressmaking. <u>See</u> Sewing.  | postwar.....8486                |
| Decarthron.....7959             | Diseases                         | Driers. <u>See</u> Clothes       | Economic cycles. <u>See</u>     |
| Deficiency diseases             | transmission...7707,7712         | driers; Dehydration,             | Business cycles.                |
| in livestock.....7141           | <u>See also</u> Phytopathology;  | equipment, driers.               | Economics                       |
| in sheep.....7641               | Veterinary medicine;             | Drosophila                       | postwar.....5721                |
| <u>See also</u> subheads under  | under Livestock, Plants          | anatomy and physiology..         | research methods...9483         |
| Nutrition (human);              | and names of animals             | 8020                             | theory.....5734                 |
| Plants, diseases, phys-         | and plants; and names            | genetics.....7990                | Economy.....9042                |
| iological; and names            | of diseases and vectors.         | Drosophila ampelophila...990     | Italy.....9499                  |
| of diseases.                    | Disinfectants.....7762           | Drosophila melanogaster.         | national.....5723               |
| Dehydration.....5778,8449       | Disinfection.....5778            | <u>See</u> D. ampelophila.       | France.....9034                 |
| bibliographies.....5336         | Disinfestation, in insect        | Drought, effect on               | Hawaii.....8982                 |
| Canada.....8759                 | control...7743,7749,8054,        | insects.....7847                 | Nicaragua.....9045              |
| equipment                       | 8166                             | plants.....6363                  | Rumania.....9040                |
| driers.....8226,8242            | equipment.....8165               | Drug plants                      | Ectemnius.....8081              |
| <u>See also</u> High-frequency  | Disodium ethylene                | Mexico.....6709                  | Ecuador, Ministerio de          |
| heating, in food pro-           | bisdithiocarbamate. <u>See</u>   | North Africa.....6703            | Economía.....9149               |
| cessing; and subhead            | Dithane.                         | <u>See also</u> names of         | Edema, of the hoof              |
| drying under names of           | Distemper, in dogs...7337,       | plants.                          | in horses.....7394              |
| commodities.                    | 7346                             | Drugs. <u>See</u> Veterinary     | Education...5732,9301,9309      |
| Dehydroascorbic acid            | immunization.....7343            | medicine, drugs.                 | Africa.....9305                 |
| in plants.....6299              | Distribution. <u>See</u> Markets | Dry rot                          | conferences and con-            |
| Delicia-Läuse-Präparat....      | and marketing; and under         | of sugar beet..6254,6270         | gresses.....5768                |
| 8158                            | Food and Milk.                   | Dryas paphia.....8090            | farmer training....9307         |
| Delonix regia. <u>See</u> Royal | Ditches.....6852                 | Dryas suendermanni...5986,       | Mexico.....9307                 |
| poinciana.                      | Dithane.....6121                 | 6466                             | Turkey.....9324                 |
| Delphinium.....5964,6525        | Diversified farming. <u>See</u>  | Drying of foods. <u>See</u> De-  | vocational agriculture..        |
| culture.....6551                | under subheads farms and         | hydration; and under             | 9290,9293,9298-9,               |
| Demonstration farms. <u>See</u> | farms and ranches under          | names of commodities.            | 9312-14                         |
| Farms and farming, de-          | names of livestock.              | Drying oils.....5830             | Nebraska.....8198               |
| monstration.                    | Dogs.....7356                    | Ducks                            | U. S. S. R.....9295             |
| Demonstration methods....       | breeds and breeding....          | care.....7551,7560,7572          | <u>See also</u> Children,       |
| 5676-8,5682-3,                  | 7324-5                           | culling.....7534                 | education and training;         |
| 5685-9                          | Collie.....7330                  | diseases.....7489                | Extension work; Inter-          |
| Dendrobium undulatum..5934      | Dachshund.....7328               | egg production.....7541          | American relations, ed-         |
| Dendroctonus monticolae...      | Doberman Pinscher.7331           | farms and ranches...7549         | ucation; Schools;               |
| 7941                            | Retriever.....5805               | fertility.....7418               | Teachers; Youth, ed-            |
| Dermatitis.....7899             | Curly-coated....7329             | hatching.....7544,7573           | ucation and training;           |
| Desert locust. <u>See</u>       | Spaniel                          | India.....7567                   | and subhead study and           |
| Schistocerca gregaria.          | Cocker....7323,7327              |                                  | teaching under specific         |
| Desserts.....5587               | Terrier                          |                                  | subjects.                       |
| Dextrins.....8976               | Scottish.....7326                |                                  |                                 |
| Dianthus.....6461               | Sealyham.....7322                |                                  |                                 |
| varieties.....6591              | Staffordshire...5803             |                                  |                                 |



Item	Item	Item	Item
Elgrass.....6036	Emergency Price Control Act, 1942.....5784	Erysiphe graminis.....6100	Famine, India.....8373
Efficiency. <u>See</u> subhead work management under	Employment. <u>See</u> Labor.	Eschscholtzia californica. 5887	Farm bureaus. <u>See</u> American Farm Bur. Fed.; and names of local farm bureaus.
Dairy industry; Labor.	Encephalomyelitis, equine therapy.....7396	Escuela Agrícola Panamericana, El Zamorano, Honduras.....9322	Farm Security Admin. <u>See</u> under U. S. Dept. of Agr.
Eggplant, diseases.....6151	Encomia ulmoides.....8951	Essential oils.....8905	Farmers.....5724
Eggs.....5370	Endometritis in cattle.....7378	analysis and composition.....8908	Cuba.....9280
analysis and composition.....8923,8939	in horses.....7378	Estrogens. <u>See</u> names of estrogens.	expenditures.....5330
care and handling...5347	Endothelioma in sheep.....7639	Estrus. <u>See</u> under names of animals.	Missouri.....9063
containers.....5347	Engineering research.....8182	Eubasinum.....7166	organization.....9333
cooperatives...8937,8943	<u>See also</u> Mosquitoes, control, engineering methods.	Eucalyptus.....6993	Palestine.....9291
dried, bacteria.....8944	Engines.....8269,8274	pests.....7955	political influence,9359
drying.....8926,8944	Diesel.....8333	Eucalyptus oil....8909-10	<u>See also</u> Credit; Families; Income; Investments; Relief and rehabilitation, farmers.
equipment.....8187	maintenance and repair.. 8283	Eugenia mato.....5956	Farmhouses.....8288,8297-8
France.....8946	<u>See also</u> Motors.	Eugenia pseudo-mato n. sp. 5956	Argentina.....8300
Great Britain.....8920	Enoicyla.....8148	Euglena.....5991	designs and specifications.....8294
hatchability..7427,7441, 7578	Enteritis in cattle.....7298	Eupatorium purpureum. <u>See</u> Joe-pye-weed, blue stem.	maintenance and repair.. 8291
hatching.....8931	<u>See also</u> Colic.	Euphydryas colon bakeri n. ab.....8101	postwar.....8296
marketing...8924-5,8928, 8931,8940	Entomologists. <u>See</u> names of entomologists.	Euprepia pudica.....8108	prefabricated....8289-90
regulation and inspection.....8946	Entomology nomenclature.....8151	European corn borer. <u>See</u> Pyrausta nubilalis.	Farms and farming...5386, 5746
shells.....7511,8927	technique and equipment. 5406,5411	European earwig. <u>See</u> Forficula auricularia.	appraisal.....5730
shows and sales.....8922	<u>See also</u> Insects.	European grain moth. <u>See</u> Nemapogon granella.	as an occupation...5666, 5704
situation and outlook... 8387,8947	Entyloma.....6017	European red mite. <u>See</u> Paratetranychus pilosus.	Australia.....9217
vitamins.....9450	Enzymes.....8517,8527	Eurycercopis.....8056	Canada.....9184
weight.....7440,7566	plant.....6277	Eurymetra pauliani n. sp.. 8059	demonstration.....9215
<u>See also</u> Poultry, hatching; subhead egg production under Poultry and kinds of poultry; and under names of insects.	<u>See also</u> Oxidase; Pains; Pyrophosphatase; Trypsin.	Euryomma.....8008	Ecuador.....9179
Egyptian Anti-Locust Unit to Arabia, 3d.....8136	Ephemerida	Euthanasia.....7146	family.....9088,9182
Elaeagnaceae.....5968	France.....8155-6	Euxoa.....8110	Great Britain.....9200
Elapheremaus n. g....7896	<u>See also</u> names of families and genera.	Evergreens pruning.....6575	India.....9199
Elateridae	Ephestia elutella, parasites and predators of.8117	<u>See also</u> Coniferae.	Italy.....9188,9201
Cameroun.....7932	Epigaea repens.....6462	Evolution, plant.....5881	large-scale
larvae.....7924	Epirochroa.....7948	Exhibits. <u>See</u> Fairs; and subhead shows and sales under names of animals and products.	Argentina.....5767
Samoa.....7971	Epistrophe.....7993	Exorista.....7999	Italy.....9202
<u>See also</u> names of genera.	Epyris kiefferi n. sp.8071	Expenditures. <u>See</u> Farmers, expenditures.	methods...5748,9181,9217
Elder.....6700	Equipment...5760,8190,8193, 8201,8216,8236	Experiment stations	Great Britain....9196
Electricity	electric...5464,5466-7, 5466,8186	Canada.....9511	organization and management...5744,5760,9174-5, 9177-8,9186,9189, 9198,9207
in industry.....8353	maintenance and repair.. 5465,5469,8195	<u>See also</u> names of stations; and under U. S. Dept. of Agr.	Alabama.....9205
on the farm...5463,5470, 5715,8344,8347, 8349-53,8358	home-made.....8188	Explosives.....5600-1	Canada.....9208
postwar.....5349,5464	labor-saving...5668,8208	Extension work..5418,5420, 9287	Georgia.....9204
<u>See also</u> Electronics;	maintenance and repair.. 5349,8194,8202, 8206	county agents.....5423	Guatemala.....9210
Equipment, electric;	postwar.....8196,8203	Georgia.....5566	Kansas.....5495
High-frequency heating;	situation and outlook... 8211	Korea.....9286	New Zealand.....9176
Mechanization; Motors;	statistics.....8212	<u>See also</u> U. S. Dept. of Agr., Ext. Serv.; and names of extension services.	study and teaching.... 5756
Wiring, electric.	<u>See also</u> Implements; Mechanization; Shops, farm; names of equipment; and under specific subjects.	Extension workers....5424	Tennessee.....9195
Electrification.....5471	Eragrostis abyssinica. <u>See</u> Teff.	Fabrics.....5367	U. S. S. R..9192,9194, 9351
Morocco.....8356	Eragrostis teff. <u>See</u> Teff.	Fagus. <u>See</u> Beech.	postwar.....5330,5362
Electron microscopes..8106	Erax.....8018	Fairs.....9297	purchasing...5704,5744, 9184,9216
Electronics	Erebria ottomana tardenota n. ssp.....8121	Fall armyworm. <u>See</u> Laphygma frugiperda.	records.....9219
botanical use.....6167	Eretmocerus serius....5387	Families	small-scale...9174,9176, 9178,9197,9203
<u>See also</u> Bactericidal lamps; High-frequency heating.	Eria globifera.....6490	Canada.....9288	Great Britain....8484
Elevators.....5699	Erosion. <u>See</u> Soil, erosion; Wind, erosion.	relationships.....5650	Trinidad.....9190
grain, cooperative..8823	Erysipelas, swine immunization...7676,7681	<u>See also</u> subhead family under Cost and standard of living; Farms and farming; Labor; Nutrition (human).	types.....5760
Elm	tests.....7683		Germany.....5741
diseases..5546,6119,6154			Switzerland.....8698
pests.....7922,7927			Union of South Africa... 9215
resistance.....6164			
Elm leaf beetle. <u>See</u> Galerucella xanthomelaena.			
Elsinoë phaseoli. <u>See</u> Scab, of lima bean.			
Elsinoë piri			
on apple.....6104			
on pear.....6104			
Elymus.....5941			
Embryo extract.....7242			
Embryos, plant.....6201			



**Farms and farming--Continued.**  
See also Agriculture;  
 Collective farming;  
 Conservation farming;  
 Contour farming; Coop-  
 eration; Irrigation;  
 Mechanization; Part-  
 time farming; Pastures;  
 Shops, farm; State  
 farms; Truck farming;  
and names of products.  
 Fat Salvage Program..5421,  
 5477  
 Fats. See Oils and fats.  
 Fatty acids.....8892  
 Fauna  
 Great Britain.....5870  
See also Aquatic in-  
 sects; Cave fauna;  
 Soils, fauna.  
 Feathers. See Pigmenta-  
 tion, plumage.  
 Federal Reserve System.  
See U. S. Fed. Reserve  
 System.  
 Federazione Italiana dei  
 Consorzi Agrari.9344,9347  
 Feed  
 analysis and composi-  
 tion.....5775  
 Canada.....8599  
 conservation.....8597  
 Italy.....7130  
 marketing.8404,8590,8593  
 prices.....5538  
 processing.....8592  
 Puerto Rico.....8595  
 quality.....7116  
 rationing.....8594  
 research.....5775  
 situation and outlook...  
 8597,8599,9114  
 storage.....8596  
See also Concentrates  
 (feed); Forage plants;  
 Grasses; Hay; Minerals;  
 Proteins; Roughage;  
 Silage; Vitamins; names  
 of feeds; and subhead  
 feeding and nutrition  
under Livestock, Poul-  
 try, and names of  
 animals.  
 Feed Wheat Program...5401  
 Feet, of dogs.....7353  
 Fence posts...6994,7045-6,  
 8191  
 Fences.....8178  
 electric.....8170,8179  
 Ferment.....6061  
 Fermentation....8465,8472  
See also Bacteria;  
 Enzymes; Yeasts; and  
under names of prod-  
 ucts.  
 Ferns.....6678  
 Fertility. See under  
 Soils; and names of  
 animals.  
 Fertilizers....5542,6830,  
 6925-6  
 application....6859-60,  
 6924,8221  
 effect on  
 plants.5543,6777,6809,  
 6826  
 soils.....6795,6826  
 equipment.....8221  
 industry.....6935  
 organic...6811,6928,6953  
 programs.....6927  
 requirements...6759,6766

**Fertilizers--Continued.**  
 tests.....6808  
 water-holding capacity..  
 6936  
See also Humus; Manures;  
 Minerals; Minor  
 elements; Pastures,  
 fertilizers; names of  
 fertilizers and their  
 constituent elements;  
and under names of  
 plants.  
 Fescue, meadow. See  
 Festuca elatior.  
 Festuca elatior.....5933  
 Festuca pratensis. See  
 Festuca elatior.  
 Festulolium colini....5933  
 Fiber plants. See names of  
 plants.  
 Fiberboard.....7072  
 Fibers.....5780,8662  
 Brazil.....8647  
 Dominican Republic..8605  
 dyeing.....8665  
 history.....8648  
 moisture.....8661  
 processing.....8679  
 synthetic.8601,8605,8654  
 textile...8653,8666,8679  
See also Caros; Con-  
 tainers, fiber; Cotton;  
 Flax; Hemp; Ramie;  
 Wool.  
 Fibroma, in horses....7371  
 Ficus elastica.....6565  
 Ficus maroma n. sp....5924  
 Field crops  
 culture.....6316  
 Hawaii.....5569  
 pests.....5707  
 Union of South Africa...  
 6317  
 varieties.....5535,5843  
See also Rotation of  
 crops; and names of  
 crops.  
 Fig, indiarubber. See  
 Ficus elastica.  
 Figs.....5839  
 Filariasis.....7168  
 Filberts.....5854  
 Filing.....8207  
 Films....5415-17,5419,5423  
See also Motion pictures  
 Finance.....5743  
 Australia.....5719,9055  
See also Banks and bank-  
 ing; Credit.  
 Fir, noble.....5461  
 Fires.....8168  
 prevention....5345,5610,  
 5676,5771,8175  
See also Forest fires.  
 Fish  
 as feed  
 for poultry.....7446  
 canned.....5487  
 culture.....9475  
 frozen.....9028  
See also names of fish.  
 Fish-liver oil.....9411  
 Fish solubles, condensed  
 (feed), for poultry..7461  
 Fistulous withers.....7383  
 Flag of the U. S.....5632  
 Flag smut, of rye....6132  
 Flavorings, synthetic.8462  
 Flax.....6340  
 anatomy and physiology..  
 6237,6284  
 Canada.....8642

**Flax--Continued.**  
 Chile.....6345  
 culture.....6386  
 Italy.....8673  
 Peru.....8658  
 processing.....8612  
 seed....5370,5530,6386,  
 8913  
 treatment.....6034  
 U. S. S. R.....9192  
 varieties.....6314  
 yarn.....8626  
See also Linseed oil.  
 Flea beetles.....7920  
See also names of gen-  
 era.  
 Fleas  
 and disease.....7728  
 biology.....8147  
 on poultry.....7729  
See also Siphonaptera.  
 Flebotomus, Sahara....8001  
 Flies.....7996  
 control.....7736,7994  
See also Myiasis; common  
 group names; and names  
 of families and genera.  
 Floods, control.....6869  
 Flora  
 California.....5948  
 Marin County.....5947  
 San Francisco.....5905  
 Ceylon.....5911  
 Ecuador.....5902  
 Florida.....5906  
 France, Paris.....5927  
 Great Britain.....5870  
 Illinois.....5909  
 Iran.....5907  
 Maine  
 Mount Katahdin...5901  
 Mexico.....5963  
 Yucatan.....5981  
 Nevada  
 Clark County.....5929  
 Platy Island.....7692  
 South Africa.....5980  
 South America.....5960  
 Virginia  
 Seward Forest....5908  
See also Ecology, plant;  
 Vegetation.  
 Fla. Citrus Cannery Coop..  
 8753,8765  
 Florideae.....6292  
 Flour  
 analysis and composi-  
 tion....8778,8789,8791  
 baking quality....8778,  
 8785-7  
 bleaching.....8792  
 fortified....8775,8795,  
 9446,9458  
 grading and standardiza-  
 tion.....8780  
 nutritive value....9407  
 pests.....5339,8117  
 processing.....8805  
 situation and outlook...  
 8788  
 trade.....5399,8780  
 whole-grain....8779,8805  
 yields.....8803  
See also Mills and mill-  
 ing; and kinds of  
 flour.  
 Flowers  
 Alaska.....6488  
 arrangement...6527,6539,  
 6552

**Flowers--Continued.**  
 color and fragrance....  
 6497,6549,6583  
 culture.....6569  
 cut.....6464,6479,6492  
 industry.....9024  
 varieties.6488,6494,6503  
See also Gardens and  
 gardening, ornamental;  
 Wild flowers; and names  
 of flowers.  
 Fly. See Flies.  
 Fodder. See Feed.  
 Folds. See Pens.  
 Foliar diagnosis....6228,  
 6255,6282  
 Food  
 adulteration...8418,8421  
 analysis and composi-  
 tion.....8388-90,9437  
 Burma.....8374  
 Canada.....8383,8405,9257  
 canned.....5365  
 containers.....8422  
 nutritive value..9427,  
 9432  
 consumption....8382,8391  
 containers.....8424  
 Cuba.....8386  
 distribution...5776,8410  
 Europe.8367,9041,9119-20  
 flavor and odor....8414  
 fortified.....9389  
 frozen....5574,8420,8441  
 marketing.....8395-6  
 Great Britain..8376,9169  
 habits...5735,9384,9388,  
 9399-401  
 India....8369,8379,8381,  
 8385,9044  
 industry.....8364  
 sanitation.....8230  
 Italy.....8377,8391  
 Japan.....9047  
 marketing.....8405,9520  
 nutritive value....5596,  
 9392,9412,9437  
 Orient.....9268  
 packaged.....5681  
 prices, Cuba.....8382  
 processing.....5776,  
 5795-801,8440,  
 8447  
 programs.....5729  
 purchasing.....5331  
 rationing.....5487  
 Great Britain....8427  
 regulation and inspec-  
 tion....5487,8391,8415  
 research.....8444  
 situation and outlook...  
 5472,5486,8365-6,  
 8368,8370-1,8381,  
 8387  
 spoilage.....8450  
 subsidies.....9169  
 Switzerland...8493,8598  
 trade.....8383,9257  
 transportation.8271,8403  
 utilization.....8394  
See also Canning and  
 preserving; Cookery;  
 Dehydration; Famine;  
 Freezing of food; High-  
 frequency heating, in  
 food processing; Lend-  
 lease; Nutrition  
 (human); Preservation  
 of food; U. S. Army,  
 food; Vitamins; and  
 names of foods..



**Item**  
**Food and Agr. Organiza-**  
**tion of the United**  
**Nations.....8384,9038**  
**Foot and mouth disease....**  
    control.....7153  
    in cattle  
    immunization.....7291  
**Foot rot, in cattle...7290**  
**Forage plants...5520,5846,**  
    6346  
    Argentina.....5894  
    culture.....6375,6381  
    diseases.....6069  
    fertilizers.....6813  
    nutritive value....7824,  
    7834  
    Palestine.....6373  
See also Ranges, plants;  
and names of plants.  
**Foreskin. See** Prepuce.  
**Forest fires...5437,7018,**  
    7020  
    control.....7017,7019  
    equipment.....7023  
    lookouts.....7024  
    Switzerland...7016,7022,  
    7025  
    West Virginia.....7021  
**Forest insects**  
    control.....5407,7751  
See also names of fam-  
    ilies and genera.  
**Forest products**  
    Africa.....6970  
    Turkey.....6975  
    utilization.....5874  
See also names of forest  
    products.  
**Forest Service. See under**  
**U. S. Dept. of Agr.**  
**Forestry**  
    Chile.....5877  
    cooperative.....6963  
    Cuba.....6974  
    economic aspects...6964,  
    6995  
    Eire.....6982  
    Germany.....6959  
    legislation  
    Switzerland.....6967-8  
    research.....7098  
    study and teaching..5436  
    Switzerland.....6988  
    Venezuela.....5878  
See also Accidents,  
    forest; Lumbering.  
**Forests.....5829**  
    administration  
    Switzerland.....7002  
    Africa.....6970  
    Colorado.....6973  
    community.....5346,7097  
    Dominican Republic..6987  
    Europe.....6985  
    French Colonies.....6984  
    Germany.....6989,7026  
    in soil conservation...  
    6900  
    increment and yield....  
    5832,6312  
    Indiana.....6971  
    influences.....7105  
    Italy.....6977  
    management....5438,6310,  
    6995,7001  
    Canada.....6999  
    Germany.....6998  
    working plans.....6996  
    maps.....7101,7103  
    national.....5437,7099  
    ownership.....6967

**Item**  
**Forests--Continued.**  
    Poland.....6978  
    regulation.....5341  
    resources.....6983  
    situation and outlook...  
    6965  
    soils.....6934  
    South America.....6976  
    South Carolina.....5435  
    Southern Rhodesia...6986  
    Southern States...5329,  
    7049  
    State.....6961  
    subsidies.....6958  
    Switzerland...6958,6980,  
    6988,7100,7104  
    Tropical Africa.....6964  
    Turkey.....6975  
    types.....6980  
    U. S. S. R.  
    R. S. F. S. R....6972  
    Western States.....6979  
See also Ecology,  
    forest; Forest in-  
    sects; Grazing, forest;  
    Reforestation; Trees;  
    Wildlife; Woodlands,  
    farm; and names of  
    forests.  
**Forficula auricularia**  
    anatomy and physiology..  
    8152  
**Formica fusca.....8002**  
**Fossil arthropods....7699**  
**Fossil insects.....8086**  
See also names of fam-  
    ilies and genera.  
**Fossil plants. See** Paleo-  
    botany.  
**Fossils.....9485**  
**Foulbrood.....7823**  
**American.....7805**  
**4-H Clubs**  
    Canada.....9332  
    food preservation..5588,  
    5617,5619  
    gardens.....5567,5635  
    health and safety...5712  
    home management....5578  
    programs.....5426-7  
    recreation.....5629  
    sewing.....5589  
    swine.....5621,7654  
    wartime activities..9327  
**Fowl cholera.....7501**  
**Fowl paralysis. See**  
    Leukosis, in poultry.  
**Fowl pest.....7493**  
**Fowl pox.....7493**  
    immunization.....7501  
    in turkeys.....7471  
**Fowl typhoid.....7474**  
**Foxglove.....6717**  
**Fragaria chiloensis..6586**  
**France, N. E.....9504**  
**Freezing of food..5778,8446**  
    equipment.....5575,8243,  
    8252,8334,  
    8339-40,8343  
    home..5575,8334,8339-40,  
    8343  
See also Locker plants;  
    Refrigeration; and  
    under names of prod-  
    ucts.  
**Fremontia.....6098**  
**Frost.....7737**  
    injury to plants...6023,  
    6046,6070  
See also Hardiness, in  
    plants

**Item**  
**Fruit**  
    Argentina.....5894  
    California.....8696  
    canned, regulation and  
    inspection.....5487  
    canning.....8760  
    home.....5415  
    cooperatives.....8727  
    culture, home raising...  
    5586,5716  
    diseases.....6052  
    Utah.....6163  
    dried, situation and  
    outlook.....8728  
    drying.....5628  
    Finland.....8736  
    Florida.....8699  
    freezing. 5710,8768,8770  
    frozen.....8744,8757  
    grading and standardiza-  
    tion.....8736  
    grafting.....6433  
    India.....8747  
    injuries.....6035  
    juices and sirups..8751,  
    9465  
    regulation and in-  
    spection.....5487  
    marketing.8700,8717,8725  
    nutritive value....9465  
    pests....7737,7750,7901,  
    8088,8104,8111  
    India.....7745  
    physiology.....6428  
    pollination.....6288  
    postwar.....8682,8706  
    preharvest drop....6287  
    preservation..8745,8747,  
    8758  
    prices, control...8738-9  
    pruning.....5645,6425  
    regulation and inspec-  
    tion.....5487  
    seasonal care.....6409  
    situation and outlook...  
    8387,8680  
    soils.....6789-90  
    statistics.....5450  
    storage.....8755  
    diseases and pests....  
    6032,8773  
    Switzerland...8685,8698,  
    8757  
    transportation.8718,8724  
    tropical and subtropi-  
    cal.....5850,6416  
    varieties.....5843,6408  
    vitamins.....9460  
    waste.....8715  
See also Orchard manage-  
    ment; and names of  
    fruits.  
**Fruit, small. See**  
    Berries; Grapes.  
**Fuchsia.....6498**  
**Fuels. See** names of fuels.  
**Fumigation. See** Disin-  
    festation, in insect con-  
    trol; Soils, sanitation;  
    names of fumigants; and  
    under names of prod-  
    ucts.  
**Fungi.....6015**  
    anatomy and physiology..  
    6267  
    culture media.....6224  
    in soils..5842,6765,6922  
    pathogenic  
    to plants....6123,7730  
    spores.....6097,6224  
    terminology.....5885

**Item**  
**Fungi--Continued.**  
See also Fungicides;  
    Growth substances for  
    plants; Molds; Mush-  
    rooms; Mycology; and  
    names of fungi, fungi-  
    cides, fungus diseases,  
    and host plants.  
**Fungicides**  
    effect on plants....6222  
    organic.....6047  
    tests.....6045,6049,6056  
See also names of fungi-  
    cides.  
**Furnaces.....5442**  
**Furniture.....5444**  
    maintenance and repair..  
    5657  
See also kinds of furni-  
    ture.  
**Furs, from sheepskin..8615**  
**Fusarium**  
    on conifers.....6135  
    rot, of potato.....6031  
**Future Farmers of Amer....**  
    9345  
**Futures trading.....5402**  
**Galerucella xanthomelaena.**  
    7922  
**Gall insects.....8083**  
See also names of fam-  
    ilies and genera.  
**Galls (plant).....6085**  
See also Crown gall.  
**Game. See** Wildlife.  
**Games.....5691**  
**Gangrene, gas**  
    in cattle.....7246  
**Garden Club for the Blind,**  
    England.....6400  
**Gardenia.....6506**  
**Gardens and gardening....**  
    5840,5860,6554  
    Cuba.....6618  
    diseases.....7739  
    equipment.....8214  
    for the blind.....6400  
    Great Britain.....6526  
    Guatemala.....6574  
    ornamental.....5836  
    pests....7713,7723,7739,  
    7755,7761  
    victory..5607,5861,6445,  
    6621,6624,6651  
See also Clubs, garden;  
    Flowers; 4-H Clubs,  
    gardens; Fruit; Land-  
    scape gardening; Memo-  
    rial plantings; Orna-  
    mental plants; Rock  
    gardens; Soilless cul-  
    ture; Truck farming;  
    Vegetables.  
**Garlic.....6198,6293,8712**  
**Gasoline.....5345**  
**Gayfeather, Kansas. See**  
    Liatris pycnostachya.  
**Geaya, n. g.....8066**  
**Geese.....7535**  
    care.....7545  
    feeding and nutrition...  
    7465  
See also Feeds; and  
    names of feeds, anatom-  
    ical parts, diseases,  
    parasites, and prod-  
    ucts.  
**Genes**  
    insect.....7990  
    plant.....6217



Item	Item	Item	Item
Genetics	Government of India Plan..	Grasses--Continued.	Harvesting--Continued.
plant.....5841	7193	effect on soils.....6800	<u>See also</u> Combines; kinds
U. S. S. R.....9494	Grading and standardiza-	fertilizers.....6813	of equipment; and under
<u>See also</u> Chromosomes;	tion.....5776,8416	varieties.....6572	names of crops.
Genes; Mutation and	France.....8419	<u>See also</u> Hay; Ranges,	Hasseanthus.....5928
subheads genetics and	<u>See also</u> Labeling; and	plants; Silage, grass;	Hay.....6381,7996
heredity under names of	under names of prod-	Turf; and names of	drying.....7114
animals, insects, and	ucts.	grasses.	barn...8235,8246,8257,
plants.	Grafting. <u>See</u> subhead	Grasshoppers and locusts..	8332
Geography	propagation under Plants;	8137	equipment.....5462,5602,
Dominican Republic..9132	and names of plants.	bibliographies.....8140	5699,8257
Geopolitics.....5879	Grain	control.....5554	harvesting.....6366,9087
Geranium.....6562	analysis and composi-	<u>See also</u> names of gen-	nutritive value.....7113,
culture.....6501	tion.....8793	era.	7125,7128
Geranium nepalense....5950	anatomy and physiology..	Grasslands	statistics.....5667
Gesarol. <u>See</u> DDT.	6222,6237	farming.....6367	Sweden.....7112
Gilia dichotoma.....5935	as feed, for cattle.7227	<u>See also</u> Ley farming.	<u>See also</u> kinds of hay.
Gillenia.....6529	breeding.....6338	Grazing.....5864,6382,7123	Haystacks.....8181
Ginkgo.....6467	cleaning.....8224	Canada.....9254	Hazel nuts. <u>See</u> Filberts.
Gladiolus	diseases.....6093,6321	effect on vegetation....	Head, of insects.....8167
culture...6483,6523,6573	Iowa.....6084	6349,6372	Head louse. <u>See</u> Pediculus
diseases.....6143	Missouri.....6027	forest.....6355	humanus humanus.
pests.....8150	Oklahoma.....6053	<u>See also</u> Forage plants;	Health.....5652
varieties.....6581	Texas.....6018	Grasses; Pastures;	Canada 9316,9318,9320-1
Gladiolus thrips. <u>See</u>	equipment.....8224-5	Ranges.	Honduras.....9296
Taeniothrips simplex.	fertilizers.....6835	Green manure....6814,6820	Minnesota.....9303
Glandularia hookeriana n.	grazing.....7224	Greenhouses	Missouri.....9304
sp.....5932	Great Plains.....5428	fumigation.....5582	programs.....9292
Glennia n. g.....7909	harvesting.....8225	ornamentals.....6026	public.....7710
Globucid.....7166	malted.....5487	pests.....5582	services.....5330
Gloeosporium	Northeastern States.8808	spraying and dusting....	Tropics.....5747
on cherry.....6111	Oregon.....5667	5582	Uruguay.....9284
Glomosporium amaranthi n.	planting.....6320	vegetable culture..6260,	<u>See also</u> 4-H Clubs,
sp.....6002	seed.....8956,8962	6265,6647,6666	health and safety; Hos-
Gloriosa superba.....6234	situation and outlook... 5773	<u>See also</u> Coldframes.	pitals; Mobile medical
Glossina	statistics.....5667,5773	Greens, edible. <u>See</u>	units; and subheads
anatomy and physiology..	storage.....8783,8818	names of greens.	under Nutrition
7983	transportation.....8817	Greigia.....5978	(human).
and disease.....8013	Union of South Africa... 6322	Ground-cover plants...6586	Heart disease
Glossina austeni.....8014	U. S. S. R.....6328	Ground squirrels.....9482	in swine.....7679
Gloxinia. <u>See</u> Sinningia.	varieties.....6314	Groundsel. <u>See</u> Senecio.	Heart rot
Gluten.....6742,8777,8813	<u>See also</u> Elevators,	Growth substances for	of sugar beet..6254,6270
Glycogen.....7609	grain; Mills and mill-	plants.....6248,6260,6830	Heart worm, in dogs...7348
Goats	ing; and names of	application.....6239	Heat, in food preserva-
breeds and breeding.7619	grains.	inhibitors....6227,6262,	tion.....5778
care.....7647	Grain elevators. <u>See</u>	6280-1	Heather.....7641
diseases.....7631-2	Elevators, grain.	preharvest use.....6287	Heating. <u>See</u> under Water.
farms and ranches...7646	Grain products.....8784	<u>See also</u> Hormones,	Hedera helix.....6199
fertility.....7627	vitamins.....9424	plant; Weeds, control,	Hedgehogs.....9477
heredity.....7621	<u>See also</u> Breakfast foods.	growth substances; and	Heifers. <u>See</u> Calves and
milk production, effect	Granaries. <u>See</u> Elevators,	names of growth sub-	stances.
of breeding.....7625	grain.	stances.	Guayule, anatomy and
parasites.....5357	Grape berry moth. <u>See</u>	physiology.....6180,6281,	6702
parturition.....7643	Polychrosis viteana.	Guettarda.....5942	Gums and resins..5830,8087
Switzerland....7650,8507	Grapefruit	<u>See also</u> Naval stores;	Resins, synthetic.
<u>See also</u> Feeds and names	anatomy and physiology..	Gymnogramme calomelanos... 6195	Gymnopogon.....5966
of feeds; Hides and	5366	Gymnosporangium.....6003	Gymnosporangium confusum.
skins, goat; Milk,	storage, diseases and	<u>See</u> Rust (plant), of	medlar.
goats; and names of	pests.....6083	Gypsum.....6249	Haematin, in plants...6296
anatomical parts, dis-	Grapes	Haematobia.....7981	Haematopinus adventicius.. 8157
eases, parasites, and	anatomy and physiology..	Haemogamasus oudemansi.... 7899	Haemoproteus
products.	6447	in turkeys.....7487	Handles.....8213
Godronia.....6010	biochemistry.....6768	Hardiness, in plants.6219,	6237
Gonipterus scutellatus.... 7955	diseases.6096,6101,6108,	Harvesting	
Gooseberries	6136,6768	equipment.....8223,8231	
culture.....5612	France.....8460		
regulation and inspec-	injuries.....6070		
tion.....5487	Palestine.....6453		
Gooseberry, Sierra....6105	prices.....8689		
Gossypium.....5951	propagation.....6451		
<u>See also</u> Cotton.	pruning.....6448		
Gossypium barbadense. <u>See</u>	research.....9519		
Cotton, sea-island.	statistics.....5669		
Government	Switzerland....6452,8698		
aid to agriculture	<u>See also</u> Raisins.		
Colombia.....5791	Graphis scripta.....6016		
<u>See also</u> Credit; Poli-	Grapholitha molesta..5573,		
cies and programs; Post-	8111		
war planning; Public	Grasses		
works; Subsidies; and	as feed, for geese..7465		
names of commodities	diseases.....6100		
and Government agencies.			



Item	Item	Item	Item
Hemp	Hoofs	Hurricanes.....6029	Indians
Argentina.....6339	horses and asses....7388	Hutches. <u>See</u> Rabbits,	Guatemala.....9310
Italy.....6341	Hops.....9017	equipment.	North American.5864,9287
processing.....8616	breeding.....6708	Hybridization. <u>See</u> names	<u>See also</u> Credit, In-
soils.....6773	regulation and inspec-	of animals and plants.	dians.
Hepatica.....6518	tion.....5487	Hydaticus.....7919	Indians (Punjab), in U. S.
Hepatitis.....9414	Hormones	Hydrangea.....6594	9285
Hepatorenal syndrome.7129,	animal.....7172	Hydrarthrosis	Indigofera.....6509
7173	plant, effects.....5488	in horses.....7384	Indole acetic acid...6230,
Herbaria. <u>See</u> names of	therapeutic use.....7334	Hydrocyanic acid.....6756	6239,6258
herbaria.	<u>See also</u> Growth sub-	insecticides.....7743	Industry
Herbs.....6716,6732,9027	stances for plants; <u>and</u>	Hydrogen-ion concentration	and agriculture
Heredity. <u>See</u> Genetics;	names of hormones.	effect on plants....6239	India.....9137
<u>and under</u> names of	Horsechestnut....5856,6992	in milk.....8514	postwar.....9118
animals, insects, and	Horses.....5809	<u>See also</u> under Soils.	Southern States.....9118
plants.	anatomy and physiology..	Hydromyza livens.....7988	India.....9043
Herrings.....9015,9019	7397	Hydroponics. <u>See</u> Soilless	reconversion.....9035
Heteroauxin. <u>See</u> Indole	Argentina.....7405	culture.	rural, India.....9279
acetic acid.	bibliographies.....5806	Hydroschendyla submarina..	<u>See also</u> Agricultural
Heterocera. <u>See</u> Moths.	breeds and breeding....	7886-7	products, utilization,
Heterodera rostochiensis	7358,7360	Hydrosme rivieri.....6468	industrial; Nutrition
in potato.....6168	Arabian.....7357,7361	Hygiene. <u>See</u> Health.	(human), in industry.
Heteroploidy. <u>See</u>	Palomino.....7363	Hymeniales.....6009	Infants.....5648-9
Polyploidy.	Quarter Horse.....7362	Hymenoptera	<u>See also</u> Nutrition
Hevea.....5975,6722	Shetland.....7364	France.....8075	(human), infants.
Colombia.....6726	Shire.....7364	parasites and predators	Infections, in horses.7375
diseases..6076,6103,6129	Thoroughbred.....7359	of.....7691	Inflation. <u>See</u> Prices.
Hevea brasiliensis	Canada.....7400	Rio de Oro.....8071	Inga edulis.....6697
diseases.....6059	draft.....7399-400,7402	<u>See also</u> common group	Insecticidal plants. <u>See</u>
Hexamitiasis.....7482	farms and ranches..7362,	names; <u>and</u> names of	Insecticides, plant
Hibernation. <u>See</u> Insects,	7406	families and genera.	sources.
hibernation.	fertility.....7365	Hypera postica.....5389	Insecticides.....5446
Hides and skins.....8856	gaits.....7403	Hypoaspis fenilis.....7899	compatibility.....5582
goat.....8881	injuries.....7368,7388	Hypocephalus armatus..7965	formulas.....7754
grading and standardi-	foreign objects.....7380	Hypoderma.....5583,5625	legislation.....7762
zation.....8867	Italy.....7407,8851	Hypovitaminosis. <u>See</u> sub-	marketing.....7722
rabbit.....8886	purchasing.....7401	heads under Vitamins.	oil.....7747
regulation and inspec-	shows and sales.....7405	Hypoxis humilis.....5983	plant sources.....6723
tion.....8831	South America.....7398	Hypurus bertrandi.....7940	bibliographies...5410,
situation and outlook...8834,8857	surgery.....7381	Hysterium pulicare....6016	7716
surpluses.....9365	training.....5809,7404		tests.....7725,8043,8134
trade.....9376	wild.....5816		<u>See also</u> Aerosols; Baits
<u>See also</u> Leather;	<u>See also</u> Artificial in-		and traps, for insects;
Tanning.	semination, horses;		Dusts and dusting;
High-frequency heating	Colts; Feed; <u>and</u> names		Sprays and spraying;
in food processing..8249	of feeds <u>and</u> of ana-		<u>and</u> names of insecti-
Hilaria.....6001	tomical parts, dis-		cides.
Hippodamia.....7966	eases, and parasites.		Insectproofing...8158,8162
Hister distinctus.....7963	Horticulture		Insects.....7694,7702
History.....5750	Great Britain.....6407		anatomy and physiology..
Italy.....9499	study and teaching.....		7690,7693,7696
<u>See also</u> under specific	6404-5,6457		and disease...7707,7712,
subjects.	<u>See also</u> Flowers; Fruit;		7733
Hock, of rabbits.....7606	Gardens and gardening;		and plant disease...7759
Hog cholera.....5358,7673	Nurseries (plant);		as food.....8044
West Virginia.....7675	Ornamental plants;		as pests
Hog louse. <u>See</u> Haema-	Vegetables; <u>and</u> names		Australia.....7714
topinus adventicius.	of plants.		Fiji.....7726
Hogs. <u>See</u> Swine.	Hospitals.....9303,9318		Ireland.....7744
Holly. <u>See</u> Ilex.	Hothouses. <u>See</u> Greenhouses.		biology.....7698
Home management. <u>See</u>	Houard, C. A. V.....9498		collecting and collec-
4-H Clubs, home manage-	House plants.....6561,6565		tions....8092,8099,8114
ment; <u>and</u> specific sub-	<u>See also</u> names of plants.		common names.....8138
jects.	Housefly. <u>See</u> Musca		control..5339,5355,7751
Honey	domestica.		development.....7704
comb.....7864	Household insects.....5819		dissemination.....7760
extraction.....7773	<u>See also</u> names of in-		France.....5820
grading and standardi-	sects.		hibernation.....8049
zation.....8826	Houses. <u>See</u> Buildings;		metabolism.....7700
marketing.....8825	Farmhouses; Housing.		parasites and predators
nutritive value.....9418	Housing.....8299		of.....7689
processing.....7778	Great Britain.....5770		Platy Island.....7692
quality.....7858	<u>See also</u> Buildings;		shipping.....5406
regulation and inspec-	Farmhouses; <u>and</u> under		taxonomy.....7701
tion.....8824	Census.		
therapeutic use.....7795	Humate.....6775		
utilization.....8578	Humic acid.....6748,6752		
yields.....7769,7840	Humidity, effect on		
Honey plants...7824,7833-4	feed.....8596		
<u>See also</u> names of honey	Humus.....6806,6828,6925,		
plants.	6944,6947		
Honeybee. <u>See</u> Apis	<u>See also</u> Soils, organic		
mellifera.	matter.		



Item	Item	Item	Item
Insects--Continued.	Iodine	Irrigation--Continued.	Johnes's disease
See also Aquatic in-	therapeutic use.....7378	France.....6853	in cattle.....7638
sects; Baits and traps,	Iowa. Agr. Expt. Sta.	Italy..6854,6859-61,6884	in sheep.....7638,7640
for insects; Ecology,	publications.....5585	legislation.....6854	Jones, G. N. Flora of
insect; Entomology;	Iowa. State Col. of Agr.	Missouri River Basin....	Illinois.....5909
Forest insects; Fos-	Ext. Serv.	6882	Jones, L. R.....5714,9495
sil insects; Gall in-	publications.....5585	Morocco.....8356	Jones, Marcus, E.5917,5963
sects; Household in-	Seed Lab.....5584	subterranean.....6863	Juglans. See Walnuts.
sects; Insecticides;	Iris	See also under Pastures;	Juncaceae.....5944
names and classes of	anatomy and physiology..	and names of crops.	Juncus.....5936
insects; and under	6201	Isopoda.....7914	Juniper, alligator....6990
specific subjects.	Argentina.....6517	France.....7900	Juniper webworm. See
Inspection. See Plants,	diseases.....6091	Oniscoidea.....7904	Dichomerus marginellus.
quarantine and inspec-	heredity.....6220	See also names of fam-	Juniperus, pests.....8129
tion; and subhead regu-	varieties.....6456,6482,	ilies and genera.	Juniperus pachyphloea. See
lation and inspection	6497,6524,6546,	Itaconic acid.....6300	Juniper, alligator.
under other subjects.	6564,6576-7,6583	Italy. Ministero dell'Ag-	Juribello. Stazione
Institutions	Iris borer. See Macronoc-	ricoltura e delle	d'Alpeggio.....9513
food.....9460	tua onusta.	Foreste.....8377	
See also Cookery, large-	Iron	Ivory nuts.....9013	X preparation
quantity.	effect on plants...6243,	Ivy, English. See Hedera	insecticide.....8042
Insurance	6265	helix.	Kale.....6634,6669
apiculture.....7802	in food.....8533	Ixora.....5942	Kamloops Forest Dist.,
crop.....9074	in soils.....6756		Brit. Columbia.....6999
See also Social secur-	Ironing.....5572,5659	Jacquin, Nicolaus Joseph.	Kans. Agr. Expt. Sta.,
ity.	Irradiation. See Solar	Icones Plantarum	Fort Hays Branch....5496
Inter-American relations	radiation	Rariorum.....5893	Kapok. See Ceiba.
education.....9294	Irrigation.....5703,6736,	Jams. See Jellies and jams.	Karite seed cake.....9023
International agreements	6851,6856,6864,	Japanese beetle. See	Kellicott, D. S.....8145
and treaties. See Trade,	6871-2	Popillia japonica.	Ky. Agr. Expt. Sta....5500
agreements and treaties;	Arizona.....6868	Jars.....5364	Keratitis, infectious
and subhead agreements	British Guiana.....9039	Jeeps.....8277	in goats.....7635
under specific subjects.	California.....6876	Jellies and jams.8756,8764	Kerosene.....5345
International relations.	cooperatives.....6865	See also Canning and	Kerr, Lawrence.....9208
See subhead international	Cuba.....9226	preserving.	Kew Roy. Bot. Gard....6553
under Cooperation; Re-	effect on soils.....6818	Jerusalem artichoke...6611	Kitchens.....8295
search.	equipment.....6857,6879	Joe-pye weed, blue stem...5896	equipment.5662,5668,8293
Investments.....9341			Krizousacorixa.....8044
			Kudzu.....5568,6380



Item	Item	Item	Item
Labeling.....5779,8413	Land--Continued.	Leaves.....5476	Light
See also subhead grading	settlement and coloni-	anatomy and physiology..	effect on
and standardization	zation.....5876,9276	6180,6211	insects.....8108
under names of commodi-	Alaska.....9234	as feed.....7119	plants.....6224,6232,
ties.	Canada	Leeks.....6665	6278,6290
Labidostomatidae.....7895	Quebec.....6960,9228	Leeuwenhoekia paradoxa	See also Phototropism.
See also names of	Colombia....9227,9231,	n. sp.....7883-4	Lignin.....6752,7042
genera.	9239,9273	Legislation.....5731,9158	Ligyus tumulosus.....7740
Labor.....5737,5758,9101-2	Ecuador.....9241	Argentina.....9111	Lilac.....6515
Bulgaria.....9090	Germany.....9243	Bohemia and Moravia.9206	Liliaceae.....5944,6703
Canada.....9089	Italy.....9202,9232	Chile.....9333	Lilium cathayanum.....5931
classification.....9092	Palestine.....9236,9240	Italy.....9152	Lily
Cuba.....9096	subdivision.....5732	Spain.....9108	varieties.....6602
family.....9088	surveys, Michigan..5739	Switzerland.....9123	Lily, Easter.....6056
Florida.....5565	taxation	See also under specific	Lily-of-the-valley....6520
India.....9044	Germany.....5741	subjects.	Lime
management	Italy.....9076-8	Legumes	effect on plants....5543
U. S. S. R.....9100	tenure.....9245-6	as fertilizer.....5509,	fungicides.....6043
postwar.....5348,9095	Brazil.....9048	5512,5518	in soil improvement....
programs.....5743	Central America...9211	effect on soils..6821-2,	5651,6735,6738-9
requirements.....6315	Great Britain	6917-18	statistics.....6923
situation and outlook...	Scotland.....9253	nitrogen fixation...6767	See also Calcium.
9093	India.....9248	needs.....5370	Limestone loam.....6782
U. S. S. R.....9097	Italy.....9249-50	See also names of	Linaceae.....5969
work management....5594,	New York (State)..9255	legumes.	Linanthus dichotomus. See
5692,9087	Union of South Africa.	Lemons	Gilia dichatoma.
U. S. S. R.....9091	9252	fertilizers.....6858	Linden-seed oil.....8897
See also Efficiency;	utilization...6962,9256,	irrigation.....6858	Linnaemya, Africa.....8015
Housing; Mexicans,	9259	pruning.....6417	Linseed. See Flax, seed.
labor in U. S.; Wages;	Brazil.....9048	Lend-lease.....5757,9372	Linseed oil.....8903
and under Children,	British Guiana...9039	Lepidoptera	Lipids.....7809
Women, Youth; and	Canada.....9257,9260	Ireland.....8092	Liriomyza mesnili n. sp...
names of industries	Germany.....5741	parasites and predators	7976
and products.	Great Britain....5725,	of.....7691	Lisicerina.....7153
Labor-saving devices. See	9258	See also Butterflies;	Literna.....8056
Electricity, on the farm;	Oklahoma.....5545	Moths; and common group	Lithiasis. See Calculi.
Equipment, labor-saving.	postwar.....9167	names and names of	Liver
Lactarius.....5997	Western States....7123	families and genera.	of dogs.....7339
Lactation. See under	values..9114,9261-2,9264	Leptinotarsa decemlineata	See also Fish-liver oil.
names of animals.	Australia.....9263	Netherlands.....7956	Livestock
Lactic acid.....5397	postwar.....5330	Spain.....7916	adaptation.....7206
Lallemandana.....8056	See also Farms and farm-	Switzerland.....7967-8	anatomy and physiology..
Lamb (meat), regulation	ing; Reclamation; Rent;	Leptochilus atlanticus....	7174
and inspection.....5487	Soils; Veterans, land	8071	Argentina.....8829
Lambs	settlement.	Leptoneta corsica n. sp...	Brazil.....9048
care.....7649	Landscape gardening..6458,	7889	China.....7190
costs and returns...5763	6470,6472,6538,6556,	Leptostylis.....5942	credit.....9061
feeding and nutrition...	6563,6566,6585,6593	Leptura, France.....7973	diseases
7628	community.....6589	Lespedeza.....6371	Great Britain.....7155
parasites.....5560	hillside.....6398	Lettuce	Europe.....8839
situation and outlook...	See also 4-H Clubs,	culture.....6644,6647	feeding and nutrition...
9114	gardens; Roadside	diseases.....6071,6158	7115,7117,7120,
statistics.....5672	planting.	varieties.....6630	7133,8860
Lameness.....7157	Lansing Hatchery.....8936	Leucocytes.....7261	fertility.....7172,7365
in horses.....7392	Laphygma frugiperda...7740	Leukosis	Germany.....7187
Laminitis.....8078	Lard.....8888	in poultry..7466-7,7470,	Great Britain.....8855
Laminitis.....7395	Larvicides, tests....8029	7480	heredity.....7107-10
Lampetia equestris	Laryngotracheitis	in turkeys.....7476	India.....7162,7193
parasites and predators	in poultry....7491,7493,	Ley farming.....6827	industry.....6812,8848
of.....7986	7501	See also Grasslands,	Italy.....5808,7192
Lamps, bactericidal. See	Late blight, of potato....	farming.	judging.....7184
Bactericidal lamps.	5595,6089,6106,6114,	Liancalus limbatus...7992	legislation.....8829
Lanarth Garden.....6526	6116,6121,6127,6130	Liatris pycnostachya..6578	marketing.....5507,8864
Land.....5734	Latrines.....8346	Libocedrus decurrens. See	Missouri.....7180
cadastral surveys	Laundrying.....5570-1	Incense cedar, Califor-	parasites.....5357,7746
Italy.....9077,9183	Laundry carts.....5661	nia.	Peru.....8844
classification.....9214	Laws.....6572,6692	Libraries	poisoning.....7165,7179
Colorado.....5489	See also Grasses; Turf.	rural.....9281	purchasing.....5507
human relationships-5735	Leadership, rural.....5418	U. S. S. R.....9281	research.....8887
improvement, Italy..6854	Leaf spot, of peanut..6067	Licania rigida. See	sanitation.....7192
inheritance, India..9075	Leafhoppers.....6067	Oiticica.	shows and sales....7180,
legislation	Leases	Lice	7185
Great Britain.....9209	Canada.....9254	control.....8162-3	situation and outlook...
Hungary.....9212	Italy.....9247	on cattle.....8161	8847,9114
Italy.....6854	Leather.....8883	on man.....8158,8164-6	statistics.....5384
nationalization	Chile.....5796	on poultry.....5388,7729	taxation.....9083
Great Britain.....9251	Colombia.....5797	on swine.....5493	transportation..8859-60,
policies	Ecuador.....5798	See also names of	8863-4
Argentina.....9218	Peru.....5799	families and genera.	watering.....7121
reform.....5736	substitutes.....5781	Lichens	
India.....9044	See also Hides and	anatomy and physiology..	
	skins; Tanning.	6191	
		Portugal.....6012	



Item	Item	Item	Item
Livestock--Continued.	Macrodonia cervicornis... 7965	Meadows.....6809	Mexico. Comite Regional de
See also Artificial in-	Macronoctua onusta.....8091	See also Pastures.	Defensa Agricola de la
semination; Feed;	Macrosiphum pisi.....8062	Meal. See kinds of meal.	Región Limonera de
Slaughtering; Veteri-	Macrosteles divisus...6166	Meal planning. See	Occidente.....7734
nary medicine; names of	Magnesia, in soils...6762	Cookery, meal planning.	Microbiology. See Soils,
animals; and names of	Magnesium	Mealybugs. See Pseudococ-	microbiology.
feeds and of anatomical	effect on plants.6228-9,	cinæ.	Microdon.....7993
parts, diseases, para-	6271-3	Meat.....8838	Microlestes.....7957
sites, and products.	in animal nutrition.7638	Brazil.....8843	Micromacerator.....5884
Livestock products	Magnolia.....6550	Canada.....8878	Microorganisms. See Soils,
situation and outlook... 9114	Magnolia tripetala...6475	canning, home.....5416	microbiology; and names
Living conditions. See	Magnolia virginiana...6499	drying.....8884	and classes of organisms.
Cost and standard of	Magpies.....7186	France.....8853	Microscope lamp.....5411
living.	Mahonia.....6109	marketing.....5369	Microscopy.....8526
Lixus junci.....7936	Maize. See Corn.	prices.....8880	See also Electron
Loading equipment.....8232	Malacomeles.....5953	processing.....8888	microscopes.
Lobotarsus.....7932	Malaria.....5783	rationing.....8878	Midland Agr. Col.
Lochnera rosea.....6152	Ceylon.....8040	regulation and inspec-	(England).....6656
Locker plants.....8445-6	India.....8028,8038	tion...5788,8869,8872-6	Migration. See Land,
regulation and in-	Near East.....8024	situation and outlook... 5472,8398,8836,8842,	settlement and coloni-
spection.....8337	New Zealand.....8032	8845,8848	zation; and under popu-
See also Freezing of	study and teaching...5423	Union of South Africa... 8880	lation.
food; Refrigeration.	therapy.....6710	waste, as feed, for	Mildew, of Hevea.....6129
Locust, black.....6994	transmission.....8022	poultry.....7457	Milk.....5370,8375
Locusts (Orthoptera). See	Malnutrition. See sub-	See also kinds of meat.	analysis and composition
Grasshoppers and locusts.	heads under Nutrition	Mechanics. See subhead	8514,8516,8518,8520,
Log rules.....7015	(human).	maintenance and repair	8525-7,8533,8537,9438
Logging.....6310,7033,7036	Malt sirup.....5487	under Equipment and	Argentina.....8567
Canada.....7035	Mammary gland	names of machines and	bacteria.....7261,8513,
cooperative.....7035	of cattle.....7231-2,7289	vehicles.	8524,8529,8532
equipment.....5434	Mammillaria.....6535	Mechanization.....8184	tests.....8512
waste.....7034	Mammillaria plumosa...6534	Mexico.....8183	Brazil.....8582
See also Log rules.	Manganese	Medical entomology. See	Canada.....8562
Lolium multiflorum. See	effect on plants...6243	Insects, and disease.	care and handling..8480,
Ryegrass, Italian.	Mangels.....6379	Medical service. See	8563,8566,8588,8872
Lolium temulentum.....5933	Mangolds. See Mangels.	Health.	condensed and evaporated
Loranthus.....6683	Manihot esculenta. See	Mediterranean fruitfly.	8510,8580,9471
Los Angeles Mus. Channel	Cassava.	See Ceratitis capitata.	consumption.....8487
Islands Biol. Survey.8018	Manitoba Health Plan..... 9316,9318	Medlar, diseases.....6117	containers.....8253
Loxa.....8061	Manures.....6940,6942-3,	Megapenthes arcifrons	sanitation.....8004
Lucerne. See Alfalfa.	6949,6951-3	n. sp.....7971	cooling.....8583
Lucilia.....7989	effect on soils...6805	Megatoma foveolatus n. sp. 7949	cooperatives.....8540
Lumber	poultry.....6948,6957	Melamine glue.....5439-40	costs and returns...5537,
Australia.....6981	Maple	Melanaspis aristotelesi	9220,9520
Canada.....6966	wood.....5439	n. sp.....8057	distribution.....8544-5,
industry.....7037	Maple, sugar (tree)	Melanauster chinensis.7951	8548,8550,8552
milling.....7038	sirup and sugar.....8989	Melanopsamma ranjanii	dried.....8510,8584
prices, control.....6969	Kaps and mapping. See	n. sp.....6006	gas packing.....5506
situation and outlook... 7028	under specific subjects.	Melipotis acontoides.8131	regulation and in-
See also Wood; and tree	Marasmius peronatus...6765	Melittia satyriniformis... 5614	spection.....5487
and lumber names.	Margarine	Melolontha.....7974	equipment.....8228
Lumbering	legislation.....8558	Melolontha vulgaris	fat.....7231,8522,8528,
Burma.....7027	Markets and marketing.... 8408,8411	larvae.....7970	8535,8574
Canada.....7029	Canada.....8402	Melons.....6666-7	fermented.....8517
Italy.....7030	cooperative.....8728	culture.....6085	flavor and odor.....8559
Tennessee.....9276	India.....9355	See also names of	fortified.....9471
See also Logging.	Cuba.....8363	melons.	frozen.....8576,8581
Lunches, school.5608,9379,	Guatemala.....8406	Memnoniella.....5994	Great Britain.....8484,
9396	Hungary.....8412	Memorial plantings...6476,	8497,8546,9220,9520
Lupine. See Lupinus.	Mexico.....8400	6567	homogenized.....8522
Lupine, European blue.6376	Oregon.....8399	Menesia bipunctata	India.....8540
Lupine, white.....6198	programs.....9507	larvae.....7961	legislation.....8557
Lupinus.....5964	retail.....8401,8404	Mercurous chloride...6064	mal ted.....8505
Lupinus albus. See Lupine,	See also under names of	Meristhus oceanicus n. sp. 7971	marketing.....8487,8510,
white.	commodities.	Mesquite.....6706	8541-3,8546,8549,
Luzulaspis saueri.....8057	Marl.....6799	Metabolism. See under	8551,8553-4
Lycium chinense.....5918	Marmalade. See Jellies	names of animals.	postwar.....8539
Lygus.....8063	and jams.	Metamasius sericeus...7950	regulation.....5451
Lymantria monacha.....8100	Maroma. See Ficus maroma.	Meteorology.....5502,9510	nutri tive value.....8520,
Lyperosia.....7981	Massey Agr. Col. (New	See also Climate and	9423,9441,9448,9452,
Lypha dubia.....7986	Zealand).....9481	weather.	9467,9473
Lythraceae.....5957	Mastitis, in cattle...7277	Methyl bromide.....7711	pasteurization.....8228,
Machaerota.....8056	control.....7247-8,7258,	Methylene blue...8526,9415	8572,8586,9442
Machine-tractor stations	7261,7265,7282,7288,	N-Methylnicotinamide.9430	pasteurized.....8565
U. S. S. R.....9091,9193	7292	Mexicans, labor in U. S.... 9099	prices.....8567-8
Machinery. See Equipment;	therapy.....7280,7285		processing.....8582
and kinds of equipment.	May flies. See Ephemera.		production...8490,9222
Macroductylus subspinosus. 7925	Mayo, Nelson S.....7156		programs.....8494
			quality.....7229,8480,
			8560,8565
			regulation and inspec-
			tion.....8562,8582



- Milk--Continued.**  
 sanitation.....8556  
 situation and outlook... 8500  
 solids-not-fat.....8821  
 sterilization.....8250,  
 8491,8524  
 Switzerland...8528,8535,  
 8554,8568  
 Union of South Africa...  
 8487  
 vitamins..... 9415  
See also Acidophilus  
 milk; Yoghurt.
- Milk, goats.....9449**  
 nutritive value.....9459
- Milk, sheep.....8514**  
 Milk, skim.....5487
- Milk-borne diseases...8519**
- Milk bottles. See Milk,  
 containers.**
- Milk houses.....3321,8328**
- Milk plants. See Cream-  
 eries.**
- Milk relief programs**  
 India.....9385
- Milk serum. See Whey.**
- Milking.....5622,7310,  
 7313-14,7317**
- Milking machines.....8263**  
 sanitation.....8244
- Milkweed.....6682**
- Millet, culture.....6687**
- Mills and milling.....8815**  
 Australia.....8799  
 postwar.....8820  
 research.....8809  
See also under names of  
 grains.
- Mimosa tiliae.....8105**
- Mine timbers.....7057-8**
- Mineral oils**  
 insecticides...8029,8125
- Mineral salts.....6058**
- Minerals**  
 in animal nutrition.5642  
 in human nutrition..9456  
 in plants.....6282  
 in poultry nutrition...  
 5642  
 in soils.....5523  
See also Minor elements;  
 and names of minerals.
- Minn. Agr. Expt. Sta..8955**
- Minn. Farm Bur. Fed...9303**
- Minor elements**  
 in animal nutrition....  
 6741,7127  
 in food.....8516  
See also names of minor  
 elements.
- Miscophus deserti n. sp...  
 8071**
- Mission Lepesme, Paulian,  
 et Villiers, 1939...7919,  
 7932,8059**
- Miss. Agr. Expt. Sta.,  
 Delta Branch.....5510,  
 5513-14,5516,5518**
- Mo. Agr. Col., Ext. Serv.  
 publications.....5528**
- Mo. Agr. Expt. Sta.**  
 Lathrop Expt. Field.5520  
 publications.....5528
- Mistletoe.....6531**
- Mites.....7881,7893**  
 anatomy and physiology..  
 7897  
 habits and behavior.7882  
 on plants.....7885  
 on poultry.....7729  
See also names of fami-  
 lies and genera.
- Mitosis, plant..6192,6198,  
 6208**
- Mitscherlich, Eilhard  
 Alfred.....6777**
- Mobile medical units..9385**
- Mocis repanda.....7740**
- Modiolastrum.....5955**
- Mohair.....8604,8635**
- Molasses**  
 Martinique.....8978  
 storage.....9000  
 utilization.....7118  
 waste.....8995
- Molds.....8472,8596**  
See also Mildew; names  
 of molds and classes of  
 molds; and under names  
 of products.
- Mole crickets.....5396**  
See also names of  
 genera.
- Money and currency..5742-3**
- Money management for  
 children.....5631**
- Monkshood. See Aconitum.**
- Monoblepharella.....6206**
- Mont. Agr. Expt. Sta.  
 Huntley Branch Sta..5529**
- Mordella libanica n. sp...  
 7952**
- Moricandia sonchifolia....  
 6505**
- Morinda.....5942**
- Mormon cricket. See An-  
 abrus simplex.**
- Morpho sulkowskyi.....8106**
- Mortgages. See Credit,  
 mortgage.**
- Mosaic**  
 of cabbage.....6165  
 of cucumber.....6162  
 of turnip.....6161
- Mosquitoes**  
 and disease...5823,8022,  
 8032,8035-6,8038  
 bites.....8034  
 breeding places.....8024  
 control.....8033,8041-2  
 engineering methods...  
 5823,8026  
 study and teaching....  
 8035  
 habits and behavior.8021  
 parasites and predators.  
 8031  
 populations.....8036  
See also names of  
 genera.
- Mosses.....6485**
- Mothproofing. See Insect-  
 proofing.**
- Moths**  
 anatomy and physiology..  
 8118  
See also names of  
 families and genera.
- Motion pictures.....5449**  
See also Films.
- Motors**  
 electric.....8270,8282  
 maintenance and repair..  
 8285  
See also Engines.
- Mountain-ash. See Sorbus.**
- Mountain holly. See**  
 Nemopanthus mucronata.
- Mountain pine beetle.**  
See Dendroctonus monti-  
 colae.
- Mowing, equipment....5624,  
 5697,8255**
- Muhlenbergia.....6001**
- Muhly. See Muhlenbergia.**
- Mulberry.....8060**
- Mulching...6838-40,6842-5,  
 6848**  
See also Tillage,  
 stubble-mulch.
- Mules.....7399**  
 Italy.....7407
- Musca domestica**  
 control.....7981
- Musca vicina**  
 U. S. S. R.....7985
- Musci. See Mosses.**
- Muscle diseases. See**  
 Myopathy.
- Mushrooms.....6008,6014**  
 culture.....6657
- Myall Downs Sta., North  
 Star, N. S. W.....7227**
- Mycetaspis juveninae  
 n. sp.....8057**
- Mycoderma vini.....8454**
- Mycology.....5891**  
 India.....6007  
See also Fungi.
- Mycorrhiza.....6253**
- Mycosphaerella arachidi-  
 cola. See Leaf spot, of  
 peanut.**
- Myiasis.....7699**
- Myochrous armatus.....7740**
- Myopathy, in sheep.....7630**
- Myositis, in horses...7369**
- Myriapoda.....7882**  
 respiration.....7886  
See also Chilopoda;  
 Diplopoda; Pauropoda.
- Myrtle. See Myrtus.**
- Myrtus guili.....5956**
- Nanophyes fallax.....7938**
- Narcissus bulb fly. See**  
 Lampetia equestris.
- Nargus.....7945**
- Nassella trichotoma...6241**
- Natal and Zululand Bee-  
 keepers' Assoc.....7778**
- National Assoc. of In-  
 secticide and Disin-  
 fectant Mfrs...7722,7736,  
 7738,7762**
- National Bot. Gard.,  
 Washington, D. C.....5898**
- National Farmers Union  
 (England and Wales)..9356**
- National forests. See**  
 Forests, national; and  
 names of forests.
- National parks. See**  
 Parks; and names of  
 parks.
- National Turkey Impr. Plan  
 Kentucky.....7557**
- National War Agencies**  
 Appropriation Bill, 1946.  
See U. S. National War  
 Agencies Appropriation  
 Bill, 1946.
- Natural history.....5866**
- Nature study.....5639,5868**
- Naval stores...5830,7063-5**  
 Greece.....7066  
See also names of  
 products.
- Navicula halophila....6207**
- Negroes.....9315**
- Neighborhoods. See Com-  
 munities.**
- Nemadus.....7945**
- Nemopogon granella....8095**
- Nematodes**  
 in plants.....6169  
 in sheep.....7633  
 in soils.....6922
- Nematodes--Continued.**  
See also names of  
 nematodes; nematode  
 diseases; and animals,  
 insects, and plants  
 affected.
- Nemopanthus mucronata.5914**
- Nemoria delicataria...8098**
- Neopaniasis n. n.....8123**
- Neoplasms. See Tumors.**
- Neosciara bicuspidata**  
 cuniculata n. var....7998
- Nephrosis.....7719**
- Nerine fothergillii....6209**
- Neubauer Soil Test...6746**
- Neurolymphomatosis, in  
 poultry. See Leukosis, in  
 poultry.**
- New England Poultry and  
 Egg Inst.....8941**
- N. J. Dept. of Agr.  
 Bur. of Anim. Indus.7264**
- N. J. State Potato Assoc..  
 8690**
- N. Y. Bot. Gard..5886,5899**
- New Zealand.....5634**
- Newcastle disease.....7472**
- Niacin, stability.....9428**
- Nicholson, W. E.....9503**
- Nicotiana**  
 hybrids.....6236  
See also Tobacco.
- Nitrogen.....6764**  
 effect on plants...6225,  
 6228,6257,6274,6276,  
 6778,6816  
 fertilizers.....5509,  
 5512-14,5517,6815,  
 6825,6832,6923,6936  
 in animal nutrition.7333  
 in human nutrition.....  
 9455,9466  
 in soils.....6756
- Noctuidae. See Phalaeni-  
 dae.**
- N. C. Agr. Expt. Sta.  
 Dept. of Expt. Statist....  
 9518**
- Northeastern Wood Util.  
 Council.....7050**
- Nun moth. See Lymantria  
 monacha.**
- Nurseries (plant)**  
 forest.....6311,6797  
 regulation and in-  
 spection.....6406  
 Switzerland.....6406
- Nutrition (animal). See**  
 Deficiency diseases;  
 subhead feeding and  
 nutrition under Live-  
 stock, Poultry, and  
 names of animals; and  
 subhead as feed and in  
 animal nutrition under  
 names of plants and  
 products.
- Nutrition (human)....9377,  
 9382,9388**  
 and disease.....9408,  
 9414,9463
- Caribbean area.....9391**
- children.....5596,5824,  
 9473**
- Cuba.....8386**
- deficiencies.....9393**
- diet.....5735,9378,  
 9380-1,9384,9386,  
 9394,9397**
- therapy.....5828**  
 vegetarian.....9390
- Ethiopia.....9391**
- Europe.....9391**



- Item**  
Nutrition (human)--Continued.  
family.....5333,9383  
Great Britain.....9050  
in industry.....9399  
in old age.....9395  
infants.....5649,9473  
Newfoundland.....9439  
Orient.....9391  
postwar.....5743  
research.....7116,9387,  
9389  
youth.....5559  
See also Cookery; Food;  
Institutions, food;  
Lunches; Vitamins; and  
names of foods and food  
elements.  
Nutrition (plant). See  
Growth substances for  
plants; Plants, nutri-  
tion; subheads effect on  
plants and in plants  
under Minerals and Soils;  
and names of plants and  
plant nutrients.  
Nuts.....5848  
See also names of nuts.  
Nygmæa phaeorrhoea...8104  
Nymphomania  
in cattle.....7242  
O T I (Official Test In-  
secticide).....7736  
Oak, durmast.....6238  
Oak, English.....6238  
Oak, water.....6211  
Oatgrass, tuber.....6693  
Oats  
anatomy and physiology..  
5889,6247  
breeding.....6319  
diseases.....6387,6137  
fertilizers.....5517  
pests.....8115  
resistance.....6099  
Oberea bimaculata....6038  
Obstetrics  
cattle.....7286  
See also Caesarian  
section; and subhead  
parturition under names  
of animals.  
Occupations. See Women,  
occupation; and subhead  
as an occupation under  
specific subjects.  
Ochropyga lepesmei n. sp..  
7947  
Odonata  
larvae.....8145  
See also names of  
families and genera.  
Odontoglossum tigroides...  
6570  
Oedema. See Edema.  
Oedipoda venusta.....8139  
Oestrus. See subhead  
estrus under names of  
animals.  
Office International du  
Vin.....8455  
Oidium leaf disease. See  
Mildew, of Hevea.  
Oidium tuckeri. See  
Powdery mildew.  
Oil meal  
as fertilizer.....6929  
Oil Palm Res. Sta. of  
Nigeria.....9514  
Oil plants  
Italy.....8919
- Item**  
Oil plants--Continued.  
See also names of oil  
plants.  
Oils and fats.....8375  
analysis and composition  
5774,8914  
Colombia.....8900  
France.....8850,8912  
in plants.....6272  
processing.....8903  
regulation and inspec-  
tion.....5487  
salvage.....5335,5420-1,  
5477,5481-2,5663  
situation and outlook...  
8387,8898  
vegetable.....5774  
See also Drying oils;  
Essential oils; and  
names of oils and fats.  
Oilseeds  
biochemistry.....6816  
France.....8380  
utilization.....8914  
See also names of oil-  
seeds.  
Oiticica.....6724  
Okoubaka n. g.....5965  
Oleo oil.....8888  
Oleomargarine. See  
Margarine.  
Oleoresin.....6301  
Oligoneuriella rhenana....  
8154  
Olive oil, Spain.....891  
Olives, analysis and  
composition.....8710  
Oncerothelus.....8067  
Onchocerca caecutiens  
transmission.....8000  
Onchocerciasis. See  
Onchocerca.  
Onesia.....8016  
Onion, Welsh. See Allium  
fistulosum.  
Onions  
anatomy and physiology..  
6192,6242  
diseases.....6064  
marketing.....5459  
planting.....6663  
See also Allium.  
Oniscoidea. See Isopoda,  
Oniscoidea.  
Oospira lactis.....5524  
Opegrapha atra.....6016  
Opilo domesticus.....7933  
Opuntia schultzei n. sp...  
5925  
Opuntia weberi dispar.5926  
Oranges  
anatomy and physiology..  
6419  
diseases.....6126  
marketing.....8726  
prices.....8741  
Orchard management...6429,  
6441  
Orchards. See Cover crops,  
orchard; Fruit.  
Orchid  
culture.....6542,6545  
varieties.....6553  
See also names of or-  
chids.  
Orchidaceae.....5900,5944  
Brazil.....5939  
Oreg. Home Econ. Ext.  
Council.....5680  
Organizations.....9346  
Germany.....9350  
Mexico.....9335
- Item**  
Organizations--Continued.  
See also Clubs; Co-  
operative organiza-  
tions; names of organi-  
zations; and subhead  
associations under  
specific subjects.  
Oribatidae.....7896  
See also names of  
genera.  
Oriental fruit moth. See  
Grapholitha molesta.  
Oriental housefly. See  
Musca vicina.  
Ortoniscus.....7900  
Ornamental plants....6485,  
6598  
culture  
seasonal care....6544  
diseases.....6026,6028,  
6155  
perennials....6504,6595,  
6601  
varieties.....6537,6600  
See also Flowers;  
Shrubs; Trees; and  
names of plants.  
Ortholitha.....8094  
Orthoptera  
anatomy and physiology..  
8132  
See also Grasshoppers  
and locusts; and names  
of families and genera.  
Osceola Natl. Forest, Fla.  
maps.....5441  
ossification, of the heart  
in horses.....7369  
Osteology, comparative....  
5804  
Outlook, agricultural. See  
Agriculture, situation  
and outlook.  
Ovaries, of cattle....7275  
Oxen.....7240  
Oxidase.....8712  
Oxygen  
effect on plants....6283  
Oxypoda.....7957  
Packaging. See Containers;  
and under names of com-  
modities.  
Painting.....8360,8362  
Paints and varnishes..8359  
Paleobotany.....5880-1,9485  
See also Fossils.  
Paleozoology.....9485  
See also Fossil arthro-  
pods; Fossil insects;  
Fossils.  
Palm  
Cuba.....5921  
See also names of palms.  
Panlasis Druce. See  
Neopaniasis n. n.  
Panicum miliaceum. See  
Proso.  
Panicum purpurascens.  
See Para grass.  
Pantomorus leucoloma..5414  
Pantothenic acid, in  
poultry nutrition....7455  
Papain.....8645  
Papaya.....5839  
Paper. See Pulp and paper.  
Paperboard.....5443,6983,  
7073,8794  
Para grass.....6363  
Paralysis  
in cattle.....7272  
in swine.....7682
- Item**  
Paralysis--Continued.  
See also Leukosis, in  
poultry.  
Paraproctitis  
in horses.....7366  
Parasites. See names of  
parasites; and under  
names of hosts.  
Parasitic plants.....6683  
Paratetranychus pilosus...  
7901  
Parathyroid  
of pigeons.....7495  
Paratuberculosis. See  
John's disease.  
Paratyphoid  
in cattle.....7284  
Paris. Museum National  
d'Histoire Naturelle....  
8056,8067  
Parity. See under Income;  
Prices.  
Parks.....5864  
See also Memorial plant-  
ings; and names of  
parks.  
Parksia n. g.....5996  
Parmena gauthieri....7962  
Parnassius clodius  
strophenei n. ssp....8127  
Parsley.....6695  
Parsnips.....5945  
Parsnips.....5611  
Part-time farming....9197,  
9299  
Parturition. See Obstet-  
rics; and under names of  
animals.  
Passania spicata.....8083  
Pasteurella septica....7335  
Pasteurellosis. See  
Hemorrhagic septicemia.  
Pasteurization.....5778  
See also Milk, pasteur-  
ization.  
Pastures.....5694  
Australia.....7629  
Canada.....6365,7453  
Colombia.....6360  
Costa Rica.....7228  
costs and returns...9222  
fertilizers.....6945  
irrigation.....6855  
management....5520,5846,  
6347,6349-50,6353,6362  
Palestine.....6364  
Switzerland.....7233  
See also Forage plants;  
Grasses; Grasslands;  
Grazing; Ley farming;  
Meadows; Ranges; and  
subhead feeding and  
nutrition, pasture and  
range under Poultry and  
names of animals.  
Patents  
bibliographies.....5413  
plant.....6442  
Pathology, plant. See  
Phytopathology; Plants,  
diseases.  
Pavonia.....5973  
Pea aphid. See Macrosiphum  
pisii.  
Peaches  
culture.....6432  
diseases.....6095,6144  
dried.....8763  
freezing.....9406  
harvesting.....6426  
marketing.....5460



- Item**
- Peaches--Continued.  
situation and outlook... 8688, 8692  
soils.....6804, 6838  
thinning.....6423, 6437  
utilization.....8692  
varieties.....5515, 6421  
vitamins.....9406  
Peanut hay.....7721  
Peanuts.....5370, 8906  
anatomy and physiology.. 6229, 6233, 6259  
culture.....5653, 6384, 6910  
diseases.....6067, 6123, 6139  
fertilizers.....6796  
industry.....8917  
pests.....6067  
spraying and dusting.... 7721  
varieties.....6259  
yields.....6067  
Pearl millet.....6357  
Pears  
culture.....6443  
diseases.....6104  
dried.....8763  
marketing.....5460  
pruning.....6422  
spraying and dusting.... 5488  
storage.....5488  
Switzerland.....6434  
Pearse, A. S.....8145  
Peas.....8705  
anatomy and physiology.. 6231  
as feed, for swine..7665  
Australia.....6221  
biochemistry.....6277  
culture.....6620  
diseases.....6078  
dried.....5383  
field.....6352  
injuries.....6046  
marketing.....8729  
nutritive value.....9454  
pests.....8062  
Peat.....6955  
as fuel.....7094  
Pecans  
diseases.....5490  
pests.....5490  
Pectinophora gossypiella.. 5412  
Pediculosis. See Lice, on man.  
Pediculus humanus corporis and disease.....7728  
Pediculus humanus humanus. 8160  
Pediomelum.....5984  
Peet-Grady Method.....7738  
Penicillin.....7149, 7163  
therapeutic use.....7136, 7258, 7285, 7337, 7391  
See also Veticillin.  
Penis  
of dogs.....7342  
See also Prepuce.  
Pa. Agr. Expt. Sta.....5550, 7302  
Pennycress. See Thlaspi.  
Pens, poultry.....8307-8, 8325  
Pentalonia nigronervosa... 8048  
Fanthetria.....7991  
Peony.....6464, 6552  
breeding.....6212  
fertilizers.....6834
- Item**
- Pepper (condiment)....8457  
Pepper, betel.....6142  
Peppers.....5472  
Perennials. See under Ornamental plants.  
Pergandeida mercurialis n. sp.....8045  
Periconia, on Hevea...6103  
Periston.....7394  
Pernet-Ducher, Joseph.6548  
Pest control....5707, 5819, 7710  
See also Insects, as pests; under Armed forces and U. S. Army; and names of pests.  
Pest control operators.... 7741  
Petrol. See Gasoline.  
pH. See Hydrogen-ion concentration; Soils, hydrogen-ion concentration.  
Phaeocoris andreae n. sp.. 8064  
Phalaenidae  
Great Britain.....8099, 8128  
Minnesota.....5505  
See also Cutworms; and names of genera.  
Phalangium opilio.....7898  
Phalaris arundinacea. See Canary grass, reed.  
Pharyngemphraxis  
in horses.....7380  
Phedomenus.....7931  
Phenol.....5439-40  
Phenols, chlorinated..7706  
Phenothiazine  
therapeutic use....5357, 7150, 7262, 7270  
Philadelphus virginialis... 6484  
Philia.....7991  
Phlebotomus. See Flebotomus.  
Phloem necrosis  
of elm.....6154, 6164  
Phlox  
varieties.....6558, 6596  
Phlyctaenia rubigalis..5395  
Phosphatase.....8534  
Phosphate rock...6923, 6930  
Phosphoric acid  
effect on  
plants.....6264, 6778  
silage.....7124  
in plants.....6776  
in soils....6746, 6750-1, 6758, 6763  
Phosphorus  
effect on plants...6276  
fertilizers....6772, 6829  
fixation.....6758  
in animal nutrition.... 5561, 7233  
in soils.....6749, 6775  
Photomicrography.....7690  
Photosynthesis. See under Plants; and subhead anatomy and physiology under names of plants.  
Phototropism  
in insects.....8132  
Phragmidium mucronatum... 6232  
Phyllocoptes.....7906  
Phylloxera vastatrix..8058  
Phymatonicus.....7900  
Phymatotrichum omnivorum. See Root rot, of rose.  
Physiology, comparative... 5871
- Item**
- Phytopathology...5851, 6033  
Germany.....5859  
See also Plants, diseases.  
Phytophthora capsici  
on winter squash....6120  
Phytophthora infestans.  
See Late blight, of potato.  
Phytophthora palmivora  
on orange.....6126  
Picea obovata. See Spruce, Siberian.  
Pickles.....8459  
Fieris protodice.....8124  
Pigeons  
breeds and breeding  
Carneau.....7432  
Magpie.....7410  
Racing Homer.....7435  
Spot.....7416  
care.....7508  
heredity.....7423  
surgery.....7495  
training.....7435, 7508, 7531  
war use.....7531  
See also Squabs.  
Pigmentation  
plumage.....7423, 7554  
skin  
of poultry.7528, 7554-5  
Pigments. See names of pigments.  
Pigs. See Swine.  
Pine  
biochemistry.....6301  
fertilizers.....6797  
management....7000, 7064-5  
pulping.....7076  
Pine, lodgepole.....7941  
Pine, pitch.....6797  
Pine, shortleaf.....6797  
Pineapples  
canned.....5487  
juice and sirup....5487  
Pink bollworm. See Pectinophora gossypiella.  
Pinus. See Pine.  
Pinus contorta latifolia. See Pine, lodgepole.  
Pinus echinata. See Pine, shortleaf.  
Pinus rigida. See Pine, pitch.  
Pinus washoensis n. sp.... 5959  
Piper betle. See Pepper, betel.  
Pipettes.....7469  
Pisum sativum. See Peas.  
Flagiolepis pygmaea...7997  
Plan Agrario Nacional, Chile.....9147  
Planchonella.....5942  
Plant lore.....5882  
Plant residues. See Crop residues.  
Plantago cordata.....5943  
Plantain. See Plantago.  
Planting equipment. See kinds of equipment.  
Plants  
anomalies.....6186, 6197  
breeding.....5847, 6214  
collecting and collections.....5948  
diseases.....6235  
maps.....5844  
indicator.....6175  
introduction.....7714
- Item**
- Plants--Continued.  
nutrition.....6264, 6275, 6282, 6285, 6297, 6772, 6776  
periodicity.....6269  
photosynthesis.....6291  
physiology.....5852, 6251, 6268, 6285, 6433  
propagation..6394-5, 6397  
quarantine and inspection.....7734, 7759-60  
respiration.....6268  
tropical and subtropical 5904, 6397, 6721  
See also Botany; Ecology, plant; Flora; Genetics, plant; Patents, plant; Phytopathology; Poisonous plants, to livestock; Seedlings; Vegetation; names of diseases and causal organisms; and names and classes of plants.  
Plastics.....7053, 8646  
cellulose.....9016, 9029  
paper.....5432, 7069-70  
wood.....5444, 7071  
See also names of plastics.  
Flowing.....6841, 6846  
electric.....8220  
Flows.....5342, 8219  
Flum, beach.....5501  
Plums  
diseases.....6095  
fruit set.....6427  
resistance.....6146  
Flywood.....7091, 7093  
manufacture.....7088  
utilization.....7090  
See also Adhesives; Veneers.  
Poa ampla. See Bluegrass, big.  
Podzol soils.....6823  
Poikilocytosis  
in cattle.....7279  
Poison-ivy.....6691  
Poisoning. See Poisonous plants; and names of poisonous substances and animals affected.  
Poisonous plants.....5045  
to livestock.....6681-2, 7608  
See also names of poisonous plants.  
Poles.....7041, 7054  
Policies and programs.... 5737, 9042, 9313  
Australia.....5719, 5766, 9105  
Canada.....5727, 9150, 9260  
Chile.....9147  
Colombia.....9155  
Cuba.....9110, 9131  
Ecuador.....9149  
Elire.....9157  
Germany.....5729, 5751, 9139, 9144  
Great Britain.....9151  
Guatemala.....9117  
India.....9116, 9137  
Italy.....9162, 9499  
Korea.....9142  
Mexico.....9113  
Morocco.....9148  
Pacific countries...5736  
U. S. S. R.....9071



Item  
Policies and programs..  
Continued.  
See also Government;  
Postwar planning; Pro-  
duction, goals; names  
of Government agencies;  
and subheads policies,  
programs, and purchase  
and sale programs under  
specific subjects.  
Political parties  
Canada.....9150  
Politics. See Farmers,  
political influence.  
Pollen  
anatomy and physiology..  
6236  
collecting.....7764  
Pollination. See Apis  
mellifera, as pollinators;  
and under Fruit and names  
of plants.  
Polychrosis viteana...8125  
Polyploidizing agents.  
See names of agents.  
Polyploidy  
in insects.....8061  
in plants.....6220, 6236  
Polypodiaceae.....5988  
Polyporaceae.....5995  
Polystichum angulare  
proliferum.....6521  
Polytoxus.....8067  
Pomace flies. See  
Drosophila.  
Ponds.....6875, 6885  
Pools  
financing.....9054  
Italy.....9054  
Poophilus.....8056  
Popcorn.....6323  
Popillia japonica  
parasites and predators  
of.....7691  
West Virginia.....7926  
Poplar, pulping.....7075  
Poppy.....6587  
Poppy, oriental.....6493  
Population.....5381, 5879,  
9265  
Argentina.....9272  
British Guiana.....9039  
Canada, Quebec.....9270  
migration  
Colombia.....9273  
France.....9266  
Mauritania.....9267  
rural-urban.....9274  
North Carolina.....5540  
Orient.....9268  
postwar.....9167  
Union of South Africa...  
9271  
See also Land, settle-  
ment and colonization;  
Social groups; and  
under Census.  
Populus. See Aspen;  
Poplar.  
Porcellio.....7904  
Pork.....8835  
regulation and inspec-  
tion.....5487  
vitamins.....9428  
Posts. See Fence posts.  
Postwar planning.....5743  
bibliographies.....5754  
Great Britain.....5753, 5755  
India.....9168  
South Carolina.....5552

Item  
Postwar planning--Con-  
tinued.  
See also Agriculture,  
postwar; Food and Agr.  
Organ. of the United  
Nations; Industry, re-  
conversion; Public  
works; Reconstruction;  
Relief and rehabilita-  
tion; and subhead post-  
war under specific  
subjects.  
Potash  
effect on soils.....6836  
fertilizers..6923, 6932-3  
in plants.....6776  
Potassium  
effect on plants..6228-9,  
6250, 6259, 6272-3, 6768  
fertilizers.....6745  
in soils.....6751, 6761,  
6775  
Potassium chloride  
effect on plants....6268  
Potassium nitrate.....7805  
Potatoes.....5370  
anatomy and physiology..  
6286  
Argentina.....8691  
as feed, for cattle..7225  
Canada.....8774  
canned.....8754  
canning.....8766  
cooking.....9461  
culture.....5527, 6606,  
6640, 6656, 6672, 6675  
diseases.....5562, 6114  
Alabama.....6130  
control.....6047, 6106,  
6116, 6121, 6148, 6168  
Mexico.....6065  
New York (State)..5637  
fertilizers.....6745  
grading and standardi-  
zation.....8731  
Great Britain.....9169  
marketing.....5459, 8720  
pests.....5637  
prices.....8740, 8742-3  
quality.....8734  
regulation and inspec-  
tion.....5487  
research.....8690  
resistance.....6127  
seed  
certified....8735, 9289  
spraying and dusting...  
5637, 6066, 6089  
storage.....8338, 8749  
diseases and pests....  
6031, 8772  
subsidies.....9169  
Switzerland.....8598, 8742  
Union of South Africa...  
6653, 8772  
varieties.....5361  
vitamins.....9461  
waste.....5595  
yields.....6616  
See also under Silage.  
Potentilla.....5949  
Potted plants. See House  
plants.  
Poultry.....5370, 8178  
anatomy and physiology..  
7488  
Australia.....7522, 7526  
Bantam class.....7409,  
7420-1, 7430, 7438  
Polish.....7431  
Rhode Island Red..7437  
Wyandotte.....7433

Item  
Poultry--Continued.  
breeds and breeding....  
7411-12, 7414-15,  
7419, 7422, 7428-9,  
7440-2  
Brahma, Light.....7424  
Cochin.....7413  
Flymouth Rock  
Barred.....7434  
Partridge.....7426  
Polish.....7431  
Rhode Island Red.....  
7436-7  
Sumatra.....7417  
Wyandotte.....7433  
Canada.....7502  
capons.....5605, 7496  
care.....7456, 7512, 7514,  
7516, 7537, 7546, 7561,  
7571, 7576, 7582  
seasonal.....7505, 7519,  
7525  
costs and returns...9224  
culling.....5616, 5693,  
7517, 7555, 7562, 7585-6  
diseases.....5579, 7490,  
7500, 7502  
Canada.....7503  
resistance.....7475  
egg production.....7528,  
7542, 7559, 7566,  
7569, 7586  
laying contests...7526  
seasonal.....7530  
equipment.....5467, 5564,  
8303, 8305, 8313, 8331  
nesting materials....  
8320, 8327  
farms and ranches..7527,  
7539, 7547, 7589,  
9175, 9235  
diversified.....7509  
feeding and nutrition...  
5708, 7450, 7456,  
7464, 7579, 8594  
pasture and range..7453  
seasonal.....7463  
use of substitutes...  
7461  
France.....8932  
freezing.....8929  
Great Britain.....7411,  
7436, 7533  
hatcheries.....7568, 8315,  
8333, 8361, 8936  
hatching.....7507, 7510,  
7533  
home raising.....7518  
housing.....5563-4, 5593,  
8302, 8304, 8309-11,  
8326, 8329-30  
designs and speci-  
fications.....8319  
hybrid.....7425  
judging.....7523, 7538,  
7565  
labor.....9085  
marketing.....8924  
meat production...5605,  
7422, 7439, 7574  
moulting.....7536  
Palestine.....7510, 7583  
poisoning.....7468, 7477,  
7492, 7494  
postwar.....8930  
records and testing....  
7408, 7506, 7563  
regulation and inspec-  
tion.....5487, 7583  
sanitation.....5579  
shows and sales...7430,  
7520

Item  
Poultry--Continued.  
situation and outlook...  
5580, 8387, 9114  
slaughtering.....7564  
systems.....7581  
battery.....7529, 7579,  
8326  
colony and range.....  
7550, 7588  
confinement..7522, 7529  
Union of South Africa...  
5812, 7584  
vices.....7446, 7558  
watering.....8318  
See also Artificial in-  
semination; Brooders;  
Chicks; Cocks; Eggs;  
Feed; Pigmentation,  
plumage; Poultry in-  
dustry; Poultry meat;  
Poultry products;  
Temperature, effect on  
poultry; and names of  
feeds, and of anatomi-  
cal parts, diseases,  
parasites, and prod-  
ucts.  
Poultry industry.....7532,  
8948  
Canada.....8921, 8950  
farms.....5744  
Great Britain.....7553,  
8920, 8933, 8935  
Guernsey.....8934  
postwar.....5576  
Poultry Indus. Com.,  
Ontario, Canada.....8921  
Poultry meat  
canning.....8938  
Great Britain.....8945  
prices.....8945  
See also subheads  
dressed and meat pro-  
duction under Poultry.  
Poultry products  
Canada.....8942  
marketing.....8925, 8942  
statistics.....5452  
Poult  
anatomy and physiology..  
7451  
care.....7543  
feeding and nutrition...  
7455  
Powder post beetles  
control.....7706  
See also names of  
families and genera.  
Powders (insecticides).  
See Dusts and dusting.  
Powdery mildew  
of grape.....6096  
of grasses. See Erysiphe  
graminis.  
Power. See Electricity;  
Water power.  
Pox. See Fowl pox;  
Swine pox.  
Prairie dogs.....9486  
Precipitation  
effects.....9508  
on soils.....6907  
Near East.....8024  
See also Snow.  
Predators. See Wildlife,  
as pests and predators;  
and names of predators.  
Prefabrication. See sub-  
head prefabricated under  
Buildings; Farmhouses.  
Pregnancy. See under  
names of animals.



Item  
Pregnancy disease  
of sheep.....7637  
Prepona prae-neste.....8093  
Prepuce.....7297  
Preservation of food  
home.....5656  
See also Canning and  
preserving; Dehydration;  
4-H Clubs, food  
preservation; freezing  
of food; Pickles; sub-  
head in food preserva-  
tion under Acids,  
Cold, Heat, and names  
of products; and under  
names of foods.  
Preserves. See Canning  
and preserving; Fruit,  
canned; Jellies and  
jams; and subhead canned  
under names of fruits.  
Pressure cookers.....5334,  
5679  
Prices.....9114  
control..5732,8429,8432,  
8434,8437  
Bolivia.....5789  
Chile.....5790  
Colombia.....5791  
Ecuador.....5792  
India.....8369,8428,  
8433  
legislation.....5784  
Peru.....5793  
Uruguay.....5794  
Venezuela.....5762  
Great Britain..9050,9166  
Hawaii.....5569  
indexes.....8430  
India.....9066  
Mexico.....8431  
postwar.....8435  
support.....5785,8743  
Union of South Africa...  
8436  
See also Cost and stand-  
ard of living; Sub-  
sidies; and under names  
of commodities.  
Pricklypear.....8714,8769  
Primrose.....6510  
Primula. See Primrose.  
Prisoners of war  
nutrition.....9378,9386  
Processing.....9507  
See also names of  
processes; under names  
of products; and sub-  
head utilization, in-  
dustrial under Agri-  
cultural products.  
Prodenia litura.....8089  
Production  
goals.....5370,5494,5776  
Minnesota.....9136  
See also Agricultural  
products; Policies and  
programs; Statistics;  
names of related sub-  
jects; and under names  
of products.  
Frontosil.....7376,7393  
Propagation, plant. See  
under Plants and names  
of plants.  
Propionates.....8773  
Propsephus.....7932  
Proso.....6273,6778  
Prostatitis, in dogs..7334  
Proteins  
in animal nutrition....  
7129,7333  
in food.....9468

Item  
Proteins--Continued.  
in human nutrition.9414,  
9416-17,9463,9474  
in milk.....9438  
in plants.....6250,  
6272-3,7128  
in poultry nutrition....  
7443-4  
See also names of  
proteins.  
Protostigmus.....8082  
Protozoa.....7162,8519  
Protura, Corsica.....8146  
Prunes, regulation and  
inspection.....5487  
Pruning. See under names  
of plants.  
Prunus maritima. See  
Plum, beach.  
Psalidoxena n. g.....8015  
Psocoptera, France.....5817  
Pselaphidae.....7701  
Guiana.....7959  
See also names of  
genera.  
Pseudaulacaspis pentagona.  
8060  
Pseudione hyndmani....7888  
Pseudococcinae.....7730  
Pseudomasoreus.....7944  
Pseudomicrodon.....7993  
Pseudomonas alboprecipi-  
tans, on corn.....6147  
Pseudomonas morsprunorum  
on plum.....6146  
Pseudopeziza trachelipila.  
See Red burn, of grape.  
Pseudorabies.....7170  
Pseudorhipsalis macrantha.  
5958  
Pseudosphaeroparia caver-  
nicola n. sp.....7909  
Pseudosyrichthus.....7917  
Psila rosae.....8017,8019  
Psychotria.....5942  
Pteridophyta. See Ferns;  
and names of families  
and genera.  
Ptomaphagus.....7945  
Public works.....5330  
Publications. See Bibliog-  
raphies; and subhead  
publications under  
names of authors and  
issuing agencies.  
Puccinia.....6013  
Puccinia coronata. See  
Crown rust, of oats.  
Puccinia graminis.....6109  
Pullorum disease.....7499  
test.....7469  
Pulp and paper...5831,6983  
equipment.....7081  
manufacture...7074,7077,  
7080,7084,8644  
physical properties.7083  
plant sources.....8669  
regulation.....7082  
sources.....8986  
See also Plastics,  
paper.  
Pulpwood.....7008-9  
situation and outlook...  
7078  
Pumps.....8210,8269  
Purchasing. See under  
names of commodities.  
Purpusia.....5949  
Putnam silt loam.....5522  
Pycnocheres eidmanni.7905  
Pyometra, in dogs.....7352  
Pyrausta nubilalis...5626  
control.....8097

Item  
Pyrethrins.....7752  
Pyrethrum.....5395,9031  
analysis and composition  
9026  
India.....6699  
Peru.....6694  
Pyralis.....7166  
Pyrochroa coccinea.....7933  
Pyrophosphatase.....8518  
Pythium.....6189  
Pythium debaryanum....6204  
Quarantine and inspection.  
See Plants, quarantine  
and inspection; and sub-  
head regulation and in-  
spection under other  
subjects.  
Quercus nigra. See Oak,  
water.  
Quercus petraea. See  
Oak, durmast.  
Quercus robur. See Oak,  
English.  
Quick decline  
of citrus.....6030  
Quinine.....7157  
See also Cinchona.  
Rabbit meat.....8858  
Rabbitbrush, rubber...8055  
Rabbits  
as pests.....5643  
breeds and breeding.7598  
Angora.....7590,8323  
Chinchilla.....7592  
New Zealand.....7595,  
7599  
Rex...7591,7596-7,7606  
care.....7611-14  
diseases..7500,7601,7604  
equipment...8314,8323-4  
feeding and nutrition...  
7600  
fertility.....7594  
Germany.....9525  
heredity.....7593  
housing.....8317  
industry.....7610,7615,  
8840  
parasites.....7604  
poisoning.....7608  
weight and measurement..  
7592  
See also Feed; Hides and  
skins, rabbit; and  
names of feeds.  
Rabies.....7161  
in dogs.....7344,7346  
Radioactive substances  
in veterinary medicine..  
7135  
Radishes.....6223,7790  
Rafinesque, Constantine  
Samuel.....5869,9489  
Rafhrhisus. See Rhino-  
scepis (Rafhrhisus)  
n. sgen.  
Raillietina cestitillus...  
7504  
Railroads.....8403  
Rainfall. See Precipita-  
tion.  
Raisins, regulation and  
inspection.....8689  
Rakes, buck.....5700  
Ramie.....8660  
Ranching. See Livestock.  
Ranges  
grazing.....6369  
management.....5329,5438  
planting.....6374

Item  
Ranges--Continued.  
plants.....6348  
See also subhead feeding  
and nutrition, pasture  
and range under names  
of animals.  
Raspberries.....5839  
diseases.....6038  
harvesting.....5705  
pests.....6038  
Raspberry, red. See Rubus  
idaeus.  
Raspberry cane borer. See  
Oberea bimaculata.  
Rationing.....8371,8429  
Colombia.....5791  
Ecuador.....5792  
India.....8369,8433  
Peru.....5793  
Uruguay.....5794  
Venezuela.....5762  
See also Black markets;  
Food, rationing; and  
under names of com-  
modities.  
Rats  
and disease.....7728  
control.....7515,8287,  
9476,9478  
Raw materials.....5776  
Rayon...8603,8617,8639-40,  
8663  
New Zealand.....8602  
situation and outlook...  
8641  
Read, Charles H.....7029  
Reciprocal trade agree-  
ments. See Trade, agree-  
ments and treaties.  
Reclamation.....5864  
Italy.....9053,9056  
Palestine.....9240  
Switzerland.....6849  
See also Drainage;  
Irrigation.  
Reclamation Act.....5863  
Reconstruction.....9046  
France.....9036  
postwar.....5755,9167  
bibliographies...5754  
U. S. S. R.....9052  
See also Postwar plan-  
ning; Relief and re-  
habilitation.  
Reconversion. See In-  
dustry, reconversion.  
Recreation. See Dances;  
Games; and subhead  
recreation under 4-H  
Clubs.  
Red burn  
of grape.....6101,6108  
Red spiders. See Parate-  
tranychus; Tetranychus.  
Reforestation...6962,7013  
Africa.....6900  
Aleutian Islands....6306  
Switzerland...6308,6313,  
6968  
Refrigeration...5778,8445  
See also Freezing of  
food; Locker plants;  
Refrigerators; Storage,  
cold; Transportation,  
refrigeration; and  
under names of prod-  
ucts.  
Refrigerators.....5532  
Regions and regionalism...  
9277



Item	Item	Item	Item
Registration, of animals. See subhead records and testing under names of animals.	Riboflavin--Continued. in poultry nutrition.... 7448, 7461 stability.....9428 tests.....9424, 9430, 9450	Rubber--Continued. in plants.....6305 industry.....5777 plant sources.....8951, 8954 regulation and in- spection.....5777 tapping.....8952 utilization.....5781, 8263	Sand dunes Union of South Africa.... 6896
Rehabilitation. See Relief and rehabilitation.	Riccia.....5989 Riccia natans.....7976	Rubber plants.....6729 anatomy and physiology.. 6266 See also names of plants.	Sand flies. See Calicoi- des; Flebotomus.
Relapsing fever U. S. S. R.....7908	Rice.....8798 culture.....6337 equipment.....8245 India.....6331 irrigation.....6866 regulation and inspec- tion.....5487 vitamins.....9409, 9440	Rubiacae.....5837, 5942 Rubus idaeus.....5971 Rue.....6695 Rugs.....5636 Rumex. See Sorrel.	Sanitation. See under specific subjects.
Relief and rehabilitation. 8378, 8384 Australia.....5719 China.....5630 Europe.....5732, 9340 farmers.....5430 India.....8373, 9385 international.....5738 Netherlands Indies..9037 North American Indians.. 9051	Ricinus communis. See Castor-beans.	Ruminants. See names of ruminants.	Sapotaceae.....5942 Saprolegniaceae.....6226 Sarcoma, in poultry...7486 Sarcophaga.....5822 Sarcophaga phenicurus Villen. See S. rutilicilla n. n.
Pacific countries...5736 postwar.....5743 See also Milk relief programs; Reconstruc- tion; United Nations Relief and Rehabil. Admin.; U. S. Dept. of Agr., Farm Security Admin.; Veterans.	Rickets, in poultry...7498 Rickettsia.....7728, 8163 Riehm, H.....6751 Rinderpest.....7259 Ring rot, of potato. See Bacterial ring rot, of potato.	Rumoff.....6890, 6907 Rural life.....5740, 5768, 9275, 9308 Great Britain.....5753	Sarcophaga rutilicilla n. n.....8015 Sarcotachina.....5822 Sausage, regulation and inspection.....8869 Sauva ants. See Atta.
Religion, in rural life... 9306 See also Churches.	Roadside planting.....6557 See also Trees, street and roadside.	Rushes. See Juncaceae; Juncus.	Sawdust.....5442 effect on plants....6956 Saws.....7031 Saxifraga hirsuta....5940
Rendzina soils.....6782	Robinia pseudoacacia. See Locust, black.	Russula.....5997	Scab of lima bean.....6113 of Viola.....6134
Rent U. S. S. R.....9072 See also Leases.	Rock gardens.....6465, 6508, 6530, 6543	Rust (plant) of bean.....6141 of grain.....6093, 6321 of medlar.....6117 of oats.....6137 of raspberry.....6038 of wheat.....6077, 6133 See also Crown rust.	Scarabaeidae, France..5817 Scatopse notata.....8002 Schistocerca gregaria Arabia.....8136
Repairing, home and farm. See Shops, farm.	Rodents. See names of rodents.	Rutabagas.....6659	Schools.....5768 postwar.....5330 U. S. S. R.....9295 See also Lunches, school.
Repellents for insects.....7719	Root crops. See names of crops.	Rye diseases.....6025, 6132 U. S. S. R.....6330	Schweizerische Schweine- verwertungsgenossen- schaft.....8865 Schweizerischer Wein- bauverein.....8469
Reports, preparation..5371, 5373	Root rot, of rose.....6112	Rye diseases.....6025, 6132 U. S. S. R.....6330	Scleropus tuberosus....5916 Sclerotinia.....6088 Sclerotinia fruticola. See Brown rot, of peach; Brown rot, of plum.
Research.....5350 international.....5888 Italy.....9512-13 U. S. S. R.....5865, 9516 See also subjects of research and names of agencies.	Roots, anatomy and physi- ology.....6183, 6203	Rye diseases.....6025, 6132 U. S. S. R.....6330	Sclerotinia fructigena. See Brown rot, of apple.
Resettlement. See Land, settlement and coloniza- tion.	Rootstocks. See subhead propagation under Plants and names and classes of plants.	Rye diseases.....6025, 6132 U. S. S. R.....6330	Scolopendrium vulgare..6522 Scolytus multistriatus... 7927
Resins synthetic.....7068 See also Adhesives, resin; Gums and resins.	Rope.....8174, 8885	Rye diseases.....6025, 6132 U. S. S. R.....6330	Scorpionida parasites and predators of.....7884 See also names of families and genera.
Resorcinol glue....5439-40	Rose breeding.....6548 culture.....6477, 6479, 6547, 6590 diseases..6054, 6061, 6112 pests....6054, 7925, 7980 varieties....6459, 6502, 6541 vitamins.....6454	Rye diseases.....6025, 6132 U. S. S. R.....6330	Scott Report.....5725 Scours, in calves...7251, 7267, 7276, 7284, 7287 control.....7245, 7252
Respiration. See under Plants and names of animals.	Rose chafer. See Macro- dactylus subspinosus.	Rye diseases.....6025, 6132 U. S. S. R.....6330	Scree. See Rock gardens.
Rhabdocline pseudotsugae.. 6000	Rose midge. See Dasynura rhodophaga.	Rye diseases.....6025, 6132 U. S. S. R.....6330	Seaflood. See Fish.
Rhabdogloeum hypophyllum n. sp.....6000	Roselle.....6072	Rye diseases.....6025, 6132 U. S. S. R.....6330	Seaweed. See Algae.
Rhamnus carthartica. See Buckthorn.	Ross, Betsy.....5632	Rye diseases.....6025, 6132 U. S. S. R.....6330	Seedlings.....5709 transplanting.....6402
Rhamnus purshiana. See Buckthorn, cascara.	Rotation of crops.....6315, 6393, 6808 India.....6307 U. S. S. R.....6342	Rye diseases.....6025, 6132 U. S. S. R.....6330	Seeds certified.....5422, 8957 distribution.....8955 germination.....5641 industry.....8963 New Zealand.....8958 production.....5474 testing.....5584, 5890, 8958-60 vernalization.....6605 See also Embryos, plant; and under names of plants.
Rhamphocorixa acuminata... 8051	Rotenone insecticides...5390, 7960	Rye diseases.....6025, 6132 U. S. S. R.....6330	Selaginella.....6006
Rhinoscepsis.....7959	Roughage, in animal nutrition.....7230, 7241	Rye diseases.....6025, 6132 U. S. S. R.....6330	Semen. See Spermatozoa.
Rhinoscepsis (Rafhrhisus) n. agen.....7959	Roundworms in poultry.....7473	Rye diseases.....6025, 6132 U. S. S. R.....6330	Senecio.....5964, 5976
Rhizome rot, of iris..6091	Royal (Dick) Vet. Col., Edinburgh.....7155	Rye diseases.....6025, 6132 U. S. S. R.....6330	Senna.....9014
Rhopalocera. See Butter- flies.	Royal palm, Cuban.....6991	Rye diseases.....6025, 6132 U. S. S. R.....6330	
Rhubarb.....8684 diseases.....6140	Royal poinciana.....8131	Rye diseases.....6025, 6132 U. S. S. R.....6330	
Ribes nevadense. See Currant, Sierra.	Roystonia regia. See Royal palm, Cuban.	Rye diseases.....6025, 6132 U. S. S. R.....6330	
Ribes roezli. See Goose- berry, Sierra.	Rubber Guatemala.....8954 history.....8953	Rye diseases.....6025, 6132 U. S. S. R.....6330	
Riboflavin in beverages.....9426		Rye diseases.....6025, 6132 U. S. S. R.....6330	



- Separators. See Cream separators.**  
*Sepiomus casuarinae* n. sp. 7972  
 Septic tanks.....8355  
*Septoria angularis* n. sp. 6098  
 Sericulture  
   Eire.....8141  
   Texas.....8142  
 Serum. See Immunization.  
 Sesame, breeding.....6215  
 Sewing.....5606  
   See also 4-H Clubs, sewing.  
 Sex, animals.....7598, 7625  
 Sheep.....5811, 8841  
   breeds and breeding.....5815, 7616-17, 7624  
   Columbia.....5394  
   Merino.....7618, 7626  
   Rambouillet..5536, 7623  
   Canada.....8827  
   care, seasonal.....7648  
   costs and returns.....5763  
   dipping.....7715  
   farms and ranches.....7644  
   feeding and nutrition  
     pasture and range.....7628-9  
   history.....5813  
   parasites.....5357, 7717  
   research.....8846  
   shearing.....7645, 7651  
   situation and outlook...8604, 9114  
   statistics.....5672  
   Texas.....8837  
   U. S. S. R.....7616, 7620  
   See also Artificial insemination; Feed; Furs, from sheepskin; Lamb (meat); Lambs; Milk, sheep; Veterinary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.  
 Shelby County (Tenn.)  
   Penal Farm.....9195  
 Shelterbelts. See Windbreaks.  
 Shipping. See Transportation.  
 Shock, in rabbits.....7609  
 Shoes.....5690  
 Shops, farm.....8198, 8204  
 Shrubs.....6478, 6514, 6580  
   propagation.....6471  
   See also names of shrubs.  
*Sigara camerounensis* n. sp.....8059  
 Silage  
   analysis and composition 7126  
   grass.....7132  
   nutritive value.....7124, 7126, 7229, 8514  
   potato, for poultry.7462  
   preparation.....7118, 7124, 7134  
   sorghum.....7236  
 Silk. See Sericulture.  
 Silky cane weevil. See Metamasius sericeus.  
 Silos.....5772  
 Silviculture. See names of trees.  
 Simuliidae  
   and disease.....8000  
 Sinningia.....6169
- Sinox (herbicide).....5531**  
*Sipha flava*.....7740  
 Sirups. See under names of commodities.  
*Sitona lineatus*.....7934  
*Sitotroga cerealella*..8096  
 Six-day chick disease.7484  
 Six-spotted leafhopper. See Macrosteles divinus.  
 Skeleton grass. See Gymnopogon.  
 Skins. See Hides and skins.  
 Slag.....6937-8  
 Slaughterhouses  
   India.....7191  
   Poland.....7189  
   U. S. S. R.....7189  
 Slaughtering.....7187  
   regulation and inspection.....5487  
   See also under names of animals.  
 Slidefilms. See Films.  
 Slugs.....7748  
   Smaller European elm bark beetle. See Scolytus multistriatus.  
*Smilacina*.....5938  
 Smut  
   of barley. See Ustilago hordei.  
   of oats.....6099  
   of sugarcane...6090, 6115  
   of wheat.....6125  
   See also Flag smut.  
 Snails. See Theba pisana.  
 Snow.....6850  
*Sochinskaja Opytnaja Stanitsia*.....9516  
 Social conditions. See Cost and standard of living; Health; Rural life.  
 Social groups  
   Indians (Punjab), in U. S.....9285  
 Social security.....9283  
 Social welfare. See Health.  
 Sociedad Nacional de Agricultura (Chile).....9333-4  
 Sod. See Turf.  
 Sodium chloride  
   in animal nutrition.7131  
   in cattle nutrition.7238  
   preservative.....7132  
 Sodium cyanide.....6256, 6922, 6931  
   effect on soils.....6756  
 Sodium fluoride.....5388  
 Sodium fluosilicate...7047  
 Sodium humate.....6753  
 Sodium hydroxide.....8244  
 Sodium mannoglycerate.6292  
 Soil conservation....5474, 5864, 6892-3, 6901-2, 6910-11, 6913  
   California.....6898  
   cooperative.....6897  
   costs and returns..6905  
   credit.....9069  
   Georgia.....6906  
   Ohio.....6889  
   Oklahoma.....5545  
 Soil erosion.....6891, 6899, 6904, 6907  
   Africa.....6900  
   control.....6848  
   by planting.....6912  
   New Zealand.....6890  
   Palestine.....6895
- Soil erosion--Continued.**  
 Union of South Africa...6887, 6914  
 Soilless culture.....6401, 6661  
 Soils.....5862  
   aeration.....6246, 6774  
   alkaline.....6291, 6760, 6829  
   analysis.....6742, 6744, 6746, 6751, 6759, 6766  
   technique and equipment.....6749-50  
   and disease transmission.....6784  
   base exchange.....6743  
   classification.....6781, 6785  
   clay.....6791  
   deficiencies.....6824  
   effect of plants...6697, 6809  
   effect on  
     health.....6770  
     livestock...6788, 6792, 6794, 7546  
   fauna.....7744  
   fertility.....6803, 6807, 6810, 6812, 6818  
   formation.....5523, 6782, 6784-5  
   heating.....6775  
   hydrogen-ion concentration.....6756-7  
   Illinois.....6754  
   management.....6789-91, 6823, 6913  
   microbiology.....6785  
   moisture.....5703, 6737, 6740, 6773, 6805, 6872  
     effect on plants..6276  
     measurement..6733, 6739  
   Oklahoma.....5655  
   organic matter.....6805  
   permeability...6735, 6738  
   sampling.....6780  
   sandy.....6736, 6738  
   sanitation.....6919-21  
   Spain.....6779  
   structure.....6773, 6783  
   surveys  
     Canada.....6786  
     Minnesota.....5475  
   tests.....6747, 6754-5  
   Texas.....6824  
   U. S. S. R.....6823  
   See also Bacteria, in soils; Conservation farming; Contour farming; Cover crops; Drainage; Fertilizers; Forests, soils; Humus; Irrigation; Minerals; Plants, indicator; Reclamation; Runoff; Soil conservation; Soil erosion; Strip cropping; Terracing; Tillage; Wind, erosion; Windbreaks; and under names of plants, soil constituents, and kinds of soil.  
 Solar radiation.....8348  
 Songs. See Christmas, carols.  
 Sonification, insect.8021, 8108  
 Sorbus.....5954  
 Sorghum.....6329  
   as feed.....8807  
   breeding.....6216
- Sorghum--Continued.**  
 culture.....6335, 6354  
 Palestine.....6325  
   See also Broomcorn; and under Silage.  
 Sorrel.....6660  
 Soybean flour.....8918  
 Soybean meal, as feed for poultry.....7458  
 Soybean oil  
   utilization.....8891  
 Soybeans.....5359, 5370  
   analysis and composition 8904, 8907  
   as feed  
     for poultry.....7458  
   Canada.....6385  
   culture.....6660  
   diseases.....6118  
   France.....5857  
   Italy.....8901  
   nutritive value...5825, 9413  
   seed.....5526  
   varieties.....5519  
 Sparganium ramosum...7995  
 Spartina alterniflora.5974  
 Spectrography.....8444  
*Spelaeoniscus sahariensis* n. sp.....7903  
*Speleotettix* n. g.....8133  
 Spermatozoa.....7210  
 Spices.....8473  
 Spiders  
   Tennessee.....7892  
   See also names of families and genera.  
 Spinach, varieties...6655  
*Spinisotoma ephippiata* n. sp.....8144  
 Spinning. See under Cotton.  
*Spirochetes*.....7177-8  
 Spray pumps.....5598  
 Sprays and spraying..5582, 6066  
   by airplane.....6287  
   calendars and programs..5590  
   deposits.....7747  
   injuries.....6043  
   technique and equipment. 8189, 8192, 8200, 8205  
   tests.....7736, 7738  
   See also Fungicides; Growth substances for plants; Insecticides; and subhead spraying and dusting under names of plants.  
 Springtails. See Collembola.  
 Spruce  
   pests.....7756  
 Spruce, Siberian.....5174  
 Spruce budworm. See Archips fumiferana.  
 Squabs.....7570  
 Squash  
   culture.....6635  
 Squash, winter.....6120  
 Squash borer. See Melittia satyriniformis.  
 Sta-way insect repellent..7719
- Stablefly. See Stomoxys calcitrans.**  
 Stables.....8259, 8328  
*Stachybotrys*.....5994  
 Stain technology. See names of stains.  
*Stalita haasi pauciaculeata* n. var.....7889



Item	Item	Item	Item
Standard of living. <u>See</u>	Subsidies--Continued.	Sulfur dioxide.....8163	Syrphidae.....7993
Cost and standard of living.	Venezuela.....5762	Sulfuring. <u>See</u> subheads	migration.....8006
Staphylinidae.....7942	<u>See also under specific subjects.</u>	dried, drying, and preservation <u>under</u> names of specific commodities.	<u>See also names of genera.</u>
<u>See also names of genera.</u>	Succulents.....6592	Sumac.....8223	Taeniothrips simplex
Staphylococcus...7145, 7258	Sugar.....5364	Sun. <u>See</u> Solar radiation.	control.....8150
Staple Cotton Coop.	as feed, for bees..7791, 7815	Sunflower	Taiga.....6179
Assoc.....8637	brown.....8983	anatomy and physiology..6239, 6281	Tall oil.....5487, 8892
Staple Cotton Discount Corp.....8637	byproducts.....8970	as a weed.....6687	Tanks. <u>See</u> Septic tanks.
Starches. <u>See</u> kinds of starches.	chemistry.....8976	varieties.....6383	Tannin.....7086
State farms	compressed.....9005	Surfen.....7378	Tanning.....8882
U. S. S. R.....9133, 9193	Cuba.....8964, 8975, 8987, 8997, 9096	Surpluses. <u>See</u> subheads	materials.....7085
State forests. <u>See</u>	Hawaii.....8982	purchase and sale programs and surpluses <u>under</u> names of products.	methods.....8881
Forests, State.	industry.....8998	Swarming. <u>See</u> Apiculture, colony management, swarming.	<u>See also Hides and skins; Leather.</u>
Statistics.....9518, 9521-2	manufacture and refining..8969, 8979, 9002-3	Swayback, in lambs...7634	Tanytarsus.....7982
Canada.....8383	marketing.....8964	Swede turnips. <u>See</u>	Tapeworms. <u>See</u> names of tapeworms.
Chile.....8452	Mauritius.....8965, 8991, 9001	Rutabagas.	Taraxacum.....5964
methods.....8731, 9519	Mexico.....8999	Sweet corn. <u>See</u> Corn, sweet.	Tartrates.....8475
sampling.....9483, 9520	prices.....8991	Sweetpea.....6460, 6495	Taxation
study and teaching..9517	rationing.....5785	Sweetpotatoes	income tax...9079, 9082-3
<u>See also Census; and under specific subjects.</u>	regulation and inspection.....5487	Cuba.....6633	inheritance, India..9075
Steers, W. C.....5888	research.....9004	culture.....6608	Mexico.....9080
Steers. <u>See</u> Cattle, beef.	sirup.....8988	planting.....5337, 6607, 6609	<u>See also under specific subjects.</u>
Stenopogon.....8018	situation and outlook...5786, 8966, 8972-3, 8980, 8984	seed treatment.....6037, 6049	Taxigramma.....5822
Stenotaphrum.....6001	sources.....8993	vitamins.....9405	Tea
Stephanoderes hampei..7918	storage...8965, 8969, 8977	yields.....6662	analysis and composition
Sterilamp. <u>See</u> Bactericidal lamps.	utilization.....8996	Swine.....5370	8464
Sterility, in animals. <u>See</u> subhead fertility <u>under</u> names of animals.	Sugar-beet greens....9454	Australia.....8830	fermentation.....8466
Sterilization.....5778	Sugar beets.....5354, 5370	breeds and breeding....7653, 7657, 7660, 7662	Teachers.....9319
Stickwater meal. <u>See</u>	anatomy and physiology..6249	Berkshire.....7654	Teats, of cattle.....7266
Fish solubles, condensed (feed).	costs and returns...9186	Hampshire.....7658	Teeth, of horses.....7381
Stilbestrol.....7496	diseases..6081, 6254, 6270	Nilo (Brazilian)..7655	Teff.....5838
Stokers.....8357	Eire.....8974	Poland China.....7656, 7659	Temperature
Stomoxys calcitrans	equipment.....8219, 8215, 8218, 8222, 8232	Canada.....8849, 8877	effect on
control.....7981	extraction of sugar..8971	carcasses.....8835	animals.....7316
Stop Drop.....6287	fertilizers.....6798	care.....7685, 7688	insects.....7990
Storage	France.....8380	diseases.....5358, 7674, 7678	plants.....6284
buildings.....8335, 8338, 8341	industry.....8985	feeding and nutrition...7666-8, 7671	<u>See also Cold; Heat.</u>
cold.....5778	labor.....5458	use of substitutes....7669	Tenancy. <u>See</u> Land, tenure.
situation and outlook...5378	pests.....7936	France.....8850	Tendipes.....7984
<u>See also Elevators; Locker plants; Stored products; and under specific products.</u>	prices.....5785	heredity.....7661	Termites
Stored products	programs.....5458	Italy.....7686	control.....7706
pests.....7726	Sugarcane	pests.....5493	habits and behavior..8149
Strangles...7370, 7379, 7391	analysis and composition 8968	poisoning.....7680, 7684	<u>See also names of families and genera.</u>
immunization.....7374	anatomy and physiology..6831	prices.....8879	Terracing.....6909, 6915
Straw.....6844, 8794	costs and returns...9226	quality.....8868, 8877	Tetanus.....7139
<u>See also kinds of straw.</u>	culture.....6389, 6847	records and testing..5623	Tetranychidae.....7885
Strawberries.....5839	diseases.....6040, 6090, 6115, 6159	situation and outlook...5581, 7658, 9114	<u>See also names of genera.</u>
culture.....5604, 5701, 6450	fertilizers.....6806, 6831, 6945	statistics.....5385, 8890	Tetraploidy. <u>See</u> Polyploidy.
soils.....6843	Hawaii.....5458	Switzerland..8598, 8865, 8879	Tetraatigma n. g.....5937
Streak, of sugarcane..6159	India.....8990	U. S. S. R.....7669, 7687	Tetratology. <u>See</u> subhead abnormalities <u>under</u> Insects; and subhead anomalies <u>under</u> Livestock, Plants, and Poultry.
Streptocide, red. <u>See</u> Frontosil.	juice and sirup....8967	<u>See also Feed; names of feeds; names of anatomical parts, diseases, parasites, and products; and under 4-H Clubs and Immunization.</u>	Tetrigus.....7930
Streptococcus....7166, 7258	labor.....5458	Swine fever. <u>See</u> Hog	Tex. Agr. and Mech. Col...6457
infection	pests.....7740	cholera.	Textiles.....8621
in horses.....7376	prices.....5458, 5785	Swine pest. <u>See</u> Hog	Bolivia.....5795
Strip-cropping.....6907	soils.....6807	cholera.	Canada...8606, 8614, 8631
Stripe smut, of rye. <u>See</u>	varieties.....6387-8, 6390	Swine pox.....8157	Chile.....5796
Flag smut, of rye.	Virgin Islands of the U. S.....5458	Syllegomydas brachiatus n. sp.....8009	Colombia.....5797
Strongyloides papillosus..7164	Sulfamide.....7154	Synchytrium.....5998	drying.....8659
Structures. <u>See</u> Buildings.	Sulfite liquor.....8993		Ecuador.....5798
Styloneuria.....8016	Sulfonamides....7138, 7151, 7474, 7511		industry.....8621
Subsidies	<u>See also names of sulfonamides.</u>		Peru.....5799
export.....9170	Sulfur.....7084		protection.....8627
Great Britain.....9166	effect on, soils...6735		research.....8624
	fungicides.....6068, 6096		situation and outlook...8621
	insecticides.....7749		Uruguay.....5800
			Venezuela.....5801
			<u>See also Fibers; and names of textiles.</u>



Item	Item	Item	Item
<i>Thais polyxena</i> .....8103	Tomatoes--Continued.	Tree farms.....6997	<i>Tunga penetrans</i> .....8153
<i>Thamnosma aldrichii</i> ...5983	diseases...6047, 6079-80,	Trees	<i>Tungiasis</i> . See <i>Tunga</i> .
<i>Thaumatomyia</i> .....8010	6151, 7906	anatomy and physiology..	Turf.....6804
<i>Theba pisanana</i> .....7723	Hawaii.....6629	6246	See also Grasses.
<i>Theobroma cacao</i> . See	hybrids.....6629, 6637	as weeds.....6680	Turkey Procurement Pro-
<i>Cacao</i> .	marketing.....5459	care.....5344	gram for 1945.....5472
<i>Theslastes</i> .....7959	pests.....6080, 7906	culture.....6307	Turkeys
<i>Thiamine</i>	resistance...6024, 6041-2	fertilizers.....6801	breeds and breeding.....5658
in food.....9409, 9457	varieties.....6617	identification.....5476	care.....7521, 7524, 7540,
in human nutrition..9447	Tools. See names of tools.	in soil conservation....	7548, 7556, 7580
stability.....9428, 9440	Toronto Rhubarb Growers'	6894	diseases.....7485
tests.....9424, 9430	Assoc.....8684	injuries.....6029, 7026	farms and ranches...7577
See also Vitamin B1.	Town and Country Planning	Mississippi Valley..5476	diversified.....8949
<i>Thielava terricola</i> ....5999	Act (Great Britain), 1944	names.....5980	feeding and nutrition...5658
<i>Thioura</i> , toxicity....7492	9258	notable.....5419	postwar.....8930
<i>Thlaspi</i> .....5964	Townshend, Charles.	ornamental.....6507, 6580	programs.....7557
<i>Thoreau, Henry David</i> ..9496	Viscount.....9490	planting.....6309, 6885	smoked.....5398
Threshing, equipment	Trace elements. See Minor	resistance.....6075	See also Poults.
electric.....8261	elements.	Spain.....6714	Turnips, diseases.....6161
<i>Tibatin</i> .....7166	Tractors.....5698, 8267	street and roadside..6533	<i>Turpentine</i> .....7067
Tick fever. See names of	costs and returns...8276	surgery.....5020	2, 4-D.....6150, 6262
tick-borne diseases.	electric.....8265	See also Forests; Memo-	Typhus
Ticks	maintenance and repair..	rial plantings; Nurs-	China.....7728
and disease.....7908	8272, 8279	eries (plant); Wind-	transmission.....7728
See also names of	statistics....8273, 8278,	breaks; and names of	
families and genera.	8281	trees.	
<i>Tillaceae</i> .....6188	tests.....8266	<i>Triatoma protracta</i> ....8070	Udders, of rabbits....7607
<i>Tillage</i> .....5554, 6847	Trade	<i>Trichomonas foetus</i>	Ukraine. <i>Akademiia Nauk</i> ...6251
equipment.....8217	agreements and treaties.	in cattle.....7296	
stubble-mulch..6837, 8217	9361	<i>Trichoniscoides</i> .....7900	<i>Ulmus</i> . See <i>Elm</i> .
See also Cultivators;	Argentina.....9366	<i>Trismus</i> .....7273	<i>Umbelliferae</i> .....6210
Flowing; Flows; and	Bolivia.....5789	<i>Triteleia uniflora</i> . See	<i>Umbellularia californica</i> ..5935
subhead culture under	Burma.....8374	<i>Brodiea uniflora</i> .	
names of plants.	Canada.....9369	<i>Triticum</i> . See <i>Wheat</i> .	
<i>Tillandsia</i> .....5978	Chile.....5764, 5790	<i>Triticum hybridum</i> ....6296	<i>Undulant fever</i> . See
<i>Tilletia</i> .....6128	Colombia.....5791	<i>Triturus</i> .....8031	<i>Brucellosis</i> , in man.
<i>Tilletia phalaridis</i>	Cuba.....9371	<i>Tropalanthus</i> .....5942	Unemployment. See <i>Labor</i> .
n. sp.....6002	Ecuador.....5792	Tropical and subtropical	Union of South Africa.
Timber. See <i>Lumber</i> ; <i>Wood</i> .	foreign.....5734, 5759,	plants. See <i>Plants</i> ,	Col. of Agr., Potchef-
<i>Timothy</i> .....5473	9374, 9526	tropical and subtropical.	stroom. Seed Testing
<i>Tinea granella</i> . See	Great Britain.....5749	Truck crops. See <i>Vege-</i>	Sta.....8960
<i>Nemapogon granella</i> .	history.....5749	tables; and names of	U. S. S. R. <i>Akademiia</i>
<i>Tipula</i> .....7978-9	inter-American.....9375	crops.	<i>Nauk</i> .....5865
<i>Tipulidae</i> .....7977-8	international.....5736,	Truck farming.....6610	United Nations Conf. for
See also names of	5776, 9360, 9364, 9368,	See also Vegetables; and	Internatl. Organ.....9326
genera.	9370, 9373	names of crops.	United Nations Food and
<i>Tires</i> .....7032	Nicaragua.....9362	Trucks.....8271, 8863	Agriculture Organization.
<i>Tissue cultures, plant</i> .	Peru.....5793	transportation.....8403	See <i>Food and Agr. Or-</i>
See <i>Embryos, plant</i> .	postwar.....5351, 5720	<i>Trybliidiella macrospora</i>	ganization of the United
<i>Tobacco</i>	regulation.....5789-94	n. sp.....5996	Nations.
<i>Bulgaria</i> .....9011	Spain.....9371	<i>Tryon, Henry</i> .....9492	United Nations Relief and
Canada.....9008	Uruguay.....5794	<i>Trypanosoma</i> .....7983	Rehabil. Admin.....8384
costs and returns...9225	Venezuela.....5762, 5802	<i>Trypanosoma congolense</i> ....	U. S. Army
Cuba.....6391, 9009, 9371	See also Subsidies, ex-	8013-14	food.....6661, 8693, 9433
culture.....5594	port; and under names	<i>Trypanosoma cruzi</i> ....8070	forestry.....7027, 7030
curing.....8357	of products.	See also Chagas' dis-	pest control.....7899
diseases..6044, 6124, 6919	Trade Agreements Act..9361	ease.	See also Armed forces;.
equipment.....8357	<i>Tradescantia virginica</i> ....	<i>Trypsin</i> .....8907	Equipment, military;
France.....9010	6193	<i>Tryptophan</i> .....8020	Veterans; and subheads
Great Britain.....9007	Trailers.....8280	Tsetse flies. See	armed forces and war
Latin America.....9006	<i>Trailing arbutus</i> . See	<i>Glossina</i> .	use under specific sub-
marketing.....5373, 5454	<i>Epigaea repens</i> .	<i>Tsuga</i> . See <i>Hemlock</i> .	jects.
postwar.....9012	Transplanting.....6639	<i>Tsuga heterophylla</i> . See	U. S. Children's Bur..5768
regulation and inspec-	See also subhead plant-	<i>Hemlock, Pacific</i> .	U. S. Dept. of Agr..5447-9
tion.....5487	ing under names of	<i>Tuberculosis</i>	Agr. Econ., Bur. of
seed.....6392	plants.	in cattle	Crop Reporting Serv...8407
Spain.....9371	Transportation	control.....7269	Agr. and Indus. Chem.,
yields.....6393	cooperative.....8397	Switzerland.....7243	Bur. of.....9484
See also <i>Nicotiana</i> .	Mexico.....8431	in poultry.....7483	South. Region. Res.
<i>Tobacco, burley</i> .....9225	refrigeration.....8397	transmission.....7483	Lab.....8392
<i>Tobacco moth</i> . See	situation and outlook...5378	<i>Tubiera lichterfeldti</i> ..7997	West. Region. Res.
<i>Ephestia elutella</i> .	water.....8403	<i>Tulip</i> .....6511, 9025	Lab.....9515
<i>Tomaspi</i> .....7740	See also Railroads; and	<i>Tull, Jethro</i> .....9500	publications...5379
<i>Tomatoes</i>	under Airplanes;	Tumors	Anim. Indus., Bur. of...7264
anatomy and physiology..	Trucks; and names of	in dogs.....7374	Appropriation Bill,
6260, 6265	commodities.	ovarian, in dogs....7340	1945, supplemental..5875
biochemistry.....6248	<i>Trapa natans</i> . See <i>Water-</i>	See also Carcinogens;	Commod. Credit Corp....5399-400
canned.....8750	chestnut.	Endothelioma; Fibroma;	
costs and returns...9223	Traps. See <i>Baits and</i>	Sarcoma.	
culture.....6612, 6622-3,	traps.	<i>Tung oil, situation and</i>	
6636, 6652, 6668, 6673,	<i>Trashy fallow</i> . See <i>Till-</i>	outlook.....8894	
6676	age, stubble-mulch.	<i>Tung-oil tree</i>	
		culture.....6711	



Item	Item	Item	Item
U. S. Dept. of Agr.—Continued.	Vegetables—Continued.	Veterans—Continued.	Vitamin B <sub>2</sub> . <u>See</u> Niacin;
Ent. and Plant Quar.,	culture.....5835, 5845,	land settlement—continued.	Pantothenic acid; Riboflavin.
Bur. of	6625-6, 6642, 6661	Canada.....9229, 9242	Vitamin C.....9421
Insecticide Invest.,	home raising..6613-14,	Great Britain.....9235	and health.....9408
Div. of	6641, 6654	training.....9312	deficiencies.....9434
patents.....5413	diseases.....6048	Veterinarians.....7156	in milk.....9415
publications.....5413	New Jersey.....6063	Veterinary medicine	stability.....9431, 9461
Expt. Sta., Off. of.....8638	drying....5628, 8746, 8759	drugs.....7149	tests.....9462
Ext. Serv.....8638	fertilizers.....5607	substitutes.....7152	<u>See also</u> Ascorbic acid.
publications.....5425	Finland.....8736	Maryland.....7137	Vitamin D
Farm Security Admin.....	Florida.....8699	practice.....7156	in animal nutrition..7111
5483, 9063	freezing.....5710, 8768,	technique and equipment.	in milk.....9471
Forest Serv.	8770	5338, 7250, 7339,	in poultry nutrition....
films.....5433	frozen.....8744	7469	7447, 7451
publications.....5436	grading and standardi-	U. S. S. R....7160, 7167,	Vitamin G. <u>See</u> Riboflavin.
Rocky Mountain Forest	zation.....8736	7175	Vitamin K.....9445
and Range Expt. Sta..	juices.....5487, 8751	<u>See also</u> Euthanasia; Im-	Vitamin P.....9436
5438	marketing.....8717, 8719,	munization; Obstetrics;	Vitamins.....5827, 9402
Soil Conserv. Serv. <u>See</u>	8721, 8725	names of drugs, dis-	in animal nutrition..7287
names of soil conserva-	New England.....8694	eases, and organisms;	in human nutrition..9456
tion districts.	New Zealand.....8185	<u>and subheads</u> diseases,	in poultry nutrition....
War Food Admin.....5448,	nutritive value....9397,	parasites, and surgery	7460
8450, 8689, 9098	9403	<u>under names of animals.</u>	India.....9385
U. S. Dept. of the In-	ornamental.....6481	Veticillin.....7136	sources...9411, 9435, 9453
terior, Appropriation	pests....5707, 7705, 7742,	Viburnum.....6604	<u>See also</u> Growth sub-
Bill, 1946.....5864	8053	Victory Farm Volunteers...5609, 5670-1	stances for plants;
U. S. Fed. Reserve	planting.....6639, 6671	Victory gardens. <u>See</u>	names of specific vita-
System.....6889	postwar.....8706	Gardens and gardening,	mins; <u>and under names</u>
U. S. Foreign Econ. Admin.	preservation.....8745,	victory.	of products.
8693	8758, 9422	Vigna.....5967	Vriesia.....5978
U. S. General Land Off....	home.....8762	<u>See also</u> Cowpeas.	Vsesoluznaia Konferentsiia
5864	prices, control...8738-9	Villages	po Brutsellëzu Sel'ako-
U. S. Government. <u>See</u>	processing.....8761	Central America.....9211	khoziaistvennykh Zhivot-
names of specific agen-	seed.....8961	Palestine.....9278	nykh, 1943.....7159
cies.	situation and outlook...8387	U. S. S. R.....9213	Wages.....9098
U. S. Government publi-	soils.....6842	Vinca rosea. <u>See</u> Lochnera	France.....9266
cations. <u>See subhead</u>	spraying and dusting....5590, 6645	rosea.	regulation.....5458
publications <u>under names</u>	statistics.....5450	Vineyards. <u>See</u> Grapes.	statistics.....9101
of agencies.	storage, diseases and	Viola, diseases.....6134	Waite, Merton Benway..9506
U. S. Natl. War Agencies	pests.....6032, 8773	Viola charlestonensis	Wallace, Henry A.....5737
Appropriation Bill,	transportation.....8718,	n. sp.....5929	Walnuts.....5855
1946.....5876	8724	Viruses and virus diseases	War Production Board. <u>See</u>
U. S. War Dept. <u>See</u> U. S.	Union of South Africa...6649, 6671, 8719	(animal)	U. S. War Prod. Bd.
Army.	U. S. S. R.....6605	in poultry.....7472, 7493	Waste
U. S. War Prod. Bd....7082	varieties.....5356, 5843,	<u>See also names of dis-</u>	utilization....5874, 8591
U. S. War Relocation	6615, 6670	<u>eases and under names</u>	<u>See also under names of</u>
Authority.....5876	vitamins.....9422, 9460,	of animals.	products.
Upper Snake River Valley	9470	Viruses and virus dis-	Water
Dairymen's Assoc.....8547	<u>See also</u> Gardens and	eases (plant).....6165	conservation...6877, 6892
Urea, in animal nutrition.	gardening, victory;	of blueberry.....6160	effect of vegetation..
7236	Greenhouses, vegeta-	of cacao.....8047	6885
Urea hydrochloride....7157	ble culture; Truck	of citrus.....6156	effect on plants...5703,
Urine, as fertilizer.....	farming; <u>and names of</u>	of fruit.....6163	6250, 6252
6943	vegetables.	of ornamental plants...6155	heating.....8348
Urocystis.....6017	Vegetation	properties....6153, 6157,	resources, Illinois..6862
Ustilago.....6001, 6017	California.....5892	6162	supply.....6874, 6877,
Ustilago hordei.....6131	Pacific Islands.....5903	technique and equipment.	8350, 8354
Ustilago scitaminea.	<u>See also</u> Ecology, plant;	6167	California.....6869
<u>See</u> Smut of sugar-	Flora; Ranges, plants;	transmission.....6158	Chile.....6873
cane.	Revegetation; Water,	<u>See also names of dis-</u>	Colorado.....6881
Uthwatt Report.....5725	conservation, effect	<u>eases and under names</u>	farm.....6886
Vaccines. <u>See</u> Immuniza-	of vegetation.	of plants.	India.....6870
tion; <u>and names of</u>	Veld.....7114	Viscum album. <u>See</u> Mistle-	Snake River Basin..6883
vaccines.	Velva fruit.....5332	toe.	systems.....5468
Varnishes. <u>See</u> Paints	Veneers.....7087, 7089, 7091	Vitamin A	underground...5529, 6734,
and varnishes.	<u>See also</u> Plywood.	in animal nutrition..7276	6870
Veal.....5487	Verbenaceae.....5961	in food.....5492, 9451	<u>See also</u> Drainage;
Vegetables	Verein Deutsche-Schweiz-	in milk.....9429	Drought; Floods, con-
Australia.....8701	erischer Bienenfreunde...7797-8, 7817, 8824	in poultry nutrition...7449, 7484	trol; Irrigation;
bacteria.....8709	Vetch.....7477	in vegetables.....9405	Ponds; Precipitation;
breeding.....6615	Veterans	tests.....9410	Runoff; Soils, mois-
canned	advisory services..9230,	<u>See also</u> Carotene.	ture.
nutritive value...9432	9244	Vitamin B. <u>See</u> Niacin;	Water power, Morocco..8356
regulation and in-	apiculture.....7812	Pantothenic acid; Ribo-	Waterchestnut.....6696
spection.....5487	farming.....9238	flavin; Thiamine.	Watering. <u>See under</u> Live-
canning.....8760	land settlement....9233,	Vitamin B <sub>1</sub>	stock; <u>and names of</u>
home.....5415, 5417	9237	in human nutrition..9455	animals.
cookery.....5711		<u>See also</u> Thiamine.	Watermelons.....5839
cooperatives.....8727			Watersheds.....5438, 6881



**Wattle.** See Acacia.  
**Waxes.** See names of waxes.  
**Weather.** See Climate and weather.  
**Weeds.**.....6680  
    anatomy and physiology.. 6257  
    control.....5352, 6241, 6677-9, 6686, 6688-9, 6692, 6839, 6919  
    chemical....5531, 5611, 6227, 6256, 6684, 6690  
    growth substances..... 6227, 6280  
    oil sprays.....6685  
    Union of South Africa... 6688  
    See also names of weeds.  
**Welding.**.....8197  
    equipment.....5647  
**Wheat.**.....8803  
    analysis and composition 8800, 8804, 8806, 8810-12  
    as feed.....5401  
    Australia.....8806  
    biochemistry.....6302  
    diseases.....6133  
    Australia.....6125  
    Illinois.....6082  
    Iowa.....6084  
    Kansas.....6050  
    Nebraska.....6077  
    Ohio.....6025  
    Oklahoma.....6050  
    France.....8776  
    grading and standardiza- tion.....8801  
    grazing.....7240, 7628  
    Great Plains.....5428  
    heredity.....6219  
    Italian East Africa.....8538  
    Kansas.....5497  
    marketing.....8776  
    milling and baking quality.....5521, 8786  
    Minnesota.....6334  
    Ohio.....8796  
    pests.....8080  
    products.....8814  
    programs.....8788  
    resistance.....6125, 6128  
    situation and outlook... 5382, 9114  
    statistics.....5382  
    storage.....8342  
    U. S. S. R.....6330, 6333  
    Uruguay.....8819  
    varieties.....5497, 6318, 6333  
    See also Flour; Mills and milling; Triticum hybridum.  
**Wheat Flour Export Pro- gram.**.....5399  
**Wheat stem sawfly.** See Cephus cinctus.  
**Wheatgrass, bearded blue bunch.**.....6303  
**Whetzelia n. g.**.....6017  
**Whey.**.....5397  
**White ants.** See Termites.  
**White-fringed beetle.** See Pantomorus leucoloma.  
**White Mt. Natl. Forest.** 7024  
**White peach scale.** See Pseudaulacaspis penta- gona.  
**Wild flowers.**.....5883  
    California.....5905  
    conservation...5897, 5900  
    for gardens...6473, 6579, 6584  
**Wild-rye.** See Elymus.  
**Wildlife**  
    as pests and predators.. 7188  
    See also names of animals and birds.  
**Willow.**.....6263, 6536, 6559  
**Willow, Babylon weeping.** 7119  
**Wind erosion.**.....6894, 6916  
    Canada.....6908  
**Windbreaks.**.....5473, 7005, 7010-11  
**Windmills.**.....8275  
**Window-box gardens.**.....6485, 6582  
**Wine**  
    analysis and composition 8471  
    chemistry.....8454  
    flavor and odor.....8463  
    France.....8460  
    manufacture...8458, 8470  
    Switzerland...8461, 8467-8  
    See also kinds of wine.  
**Wings, of insects.**.....7695-6, 7990, 8106  
**Wiring**  
    electric..5603, 5715, 8345  
**Wis. Bankers Assoc. Farm Loans Com.**.....9068  
**Wis. Little Internatl.** 7185  
**Wobblers, horses.**.....7373  
**Women.**.....5765, 9317  
    labor.....7024  
    occupations.....9300  
**Wood**  
    anatomy.....6200  
    as feed.....7119  
    as fuel.....7094-6  
    bonding.....5439, 7040, 7044, 7051, 7092  
**Wood--Continued.**  
    chemistry.....7043  
    collecting and collec- tions.....7039  
    decay.....5597, 7076  
    finishing.....7055  
    impregnated.....7068  
    moisture.....7040  
    pests.....7933, 7951  
    physical properties..7044  
    preservation.....7046-7  
    utilization...5444, 5781, 7045, 7049, 7057  
    waste, utilization..5833, 7048, 7061, 7086, 7095-6  
    See also Lumber; Fly- wood; Veneers; and under Plastics.  
**Wood boxes.**.....5660  
**Wood industries.**.....5833, 6972  
**Woodlands, farm.** 7004, 7006, 7009, 7012, 7014  
    costs and returns..7003, 7007  
**Woodlice.** See Isopoda.  
**Woodwork.**.....7052-3  
**Woodworking machinery.** 5834  
**Wool.**.....5811  
    Australia.....8609, 8633, 8643  
    Canada.....8613, 8672  
    costs and returns..5761, 5763  
    drying.....8264  
    equipment.....8264  
    fiber.....8671  
    grading and standardi- zation...5343, 8655, 8670  
    Italy.....8619  
    marketing...8609-10, 8675  
    New Zealand.....8602  
    prices.....8611  
    processing...8600, 8645-6  
    quality.....8629, 8632  
    research.....8610  
    scouring.....8649  
    shrinkage.....8664  
    situation and outlook... 8611, 8625, 8668, 9114  
    statistics.....5672  
    substitutes.....8668  
    surpluses.....8604  
    trade.....8628, 9363  
    Union of South Africa... 8622  
    yarn.....8667  
    See also Furs, from sheepskin.  
**Work management.** See Labor, work management.  
**Worms**  
    in cattle..5696, 7262, 7270  
    in livestock.....7150  
    in poultry.....7479  
    in sheep.....7642  
    See also names of worms and anthelmintics.  
**X-ray**  
    therapeutic use....7486  
**Xanthandrus.**.....7993  
**Xantholinus.**.....7942  
**Xanthomonas pruni**  
    on peach.....6144  
**Xanthomonas vignicola**  
    on cowpea.....6149  
**Xanthopastis timais.** 8102  
**Xanthophyll.**.....7484  
**Xysticus cristatus.** 7907  
**Yams.**.....8732  
**Yarn.** See subhead yarn under Wool.  
**Yeasts**  
    anatomy and physiology.. 6250  
    as feed  
        for poultry.....7454  
        brewers', as feed...7122  
        for swine....7663, 7672  
    from molasses.....8994  
    nutritive value....9464, 9466  
    research.....9021  
    sources.....9464  
    vitamins.....5826, 9447  
    See also Saccharomyces cerevisiae.  
**Yellow sugarcane aphid.** See Sipha flava.  
**Yellows, of cabbage.** 5714  
**Yoghurt.**.....8477, 8492  
**Young Farmers' Clubs**  
    Great Britain.....9325  
    New Zealand....9337, 9354  
**Youth**  
    education and training.. 5768  
    Germany.....9094  
    labor.....9094  
    migration.....9323  
    organization.....9348  
    programs.....9352  
    U. S. S. R.....9351  
    See also Education; 4-H Clubs; Future Farmers of Amer.; Nutrition (human), youth.  
**Zeuxine strateumatia.** 6516  
**Zinc phosphide.** 7468, 7494  
**Zoology.**.....5867, 5873  
    terminology.....8079  
**Zygophallaceae.**.....5970







## PUBLICATIONS WANTED

If you can supply any of the publications listed below through purchase, gift, or exchange, please notify the Library, United States Department of Agriculture, Washington 25, D. C.

### Advertising & Selling

v. 18, Nos. 1-4, 13, Nov. 11?-Dec. 23, 1931, Apr. 28, 1932

v. 25, No. 2, May 23, 1935

### Camping Magazine

v. 15, No. 1, Jan. 1943

### Commercial Bulletin (Los Angeles)

v. 58, Nos. 1-2, 4, Mar. 26-Apr. 2, Apr. 16, 1943

### Crit and Steel

Jan.-July 1943

### International Association of Electrical Inspectors. News-Bulletin

v. 8, Nos. 1, 6, Jan., Nov. 1936

v. 10, No. 4, July 1938

v. 11, Nos. 4, part 2; 6, July, Nov. 1939

v. 12, No. 6, Nov. 1940

v. 13, Nos. 2, 5, Mar., Sept. 1941

v. 14, No. 2, part 2, Mar. 1942

### Lancet (London)

Jan.-June 1943

### Lighting and Lamps

v. 45, No. 3, May 1944

### Machinery

v. 49, No. 6, Feb. 1943

### Magazine of Wall Street

v. 50, No. 1, Apr. 30, 1932

v. 55, No. 2, Nov. 10, 1934

v. 59, No. 11, Mar. 13, 1937

v. 62, Nos. 6-7, July 2-16, 1938

### Montana. School of Mines. Bureau of Mines and Geology. Memoir

No. 21 (Bibliography of the Geology and Mineral Resources of Montana)

### Mosquito News

v. 3, No. 1, Mar. 1943

### National Carbonator and Bottler

v. 77, Nos. 471, 475, 481, 484, 1944

### National Dehydrators Association. Bulletin

Nos. 1-28, inclusive

### National Fur News

v. 12, Nos. 1-4, 6, 10, 12, Feb.-May, July, Nov. 1940, Jan. 1941

### National Industrial Conference Board. The Conference Board Business Record

v. 1, No. 8, Aug. 1944

### National Industrial Conference Board. Conference Board Information Service. Domestic Affairs Series. Memorandum

Nos. 2, 9, 10, 14, 1933

### National Laundry and Dry Cleaner (now called Cleaning and Laundry World)

v. 63, No. 1, Jan. 1942

### National Underwriter. Life Insurance Edition

v. 46, No. 8, Feb. 20, 1942

v. 47, No. 21, part 2; Nos. 22, 30

### North Carolina. Board of Health. Health Bulletin

v. 45, No. 12, Dec. 1930

### Northwest Gardens

v. 7, No. 9, Nov. 1939

### Ohio. State Board of Agriculture. Annual Report

49th, 1894 (Bound volume)

### Ohio. State University. College of Agriculture and Domestic Science. Department of Rural Economics and Rural Sociology. Mimeograph Bulletin

No. 146, Jan. 1942

### Ohio Florists' Association. Monthly Bulletin

Nos. 164, 168, 1943

### Old Dominion Horticultural Society. Bulletin

v. 5, No. 6, June 1944

### Ontario Milk Producer, 1942

### Pacific Plastics

v. 1, Nos. 2-3, July-Aug. 1943

### Paint, Color, Oil, Varnish, Ink, Laquer Manufacturer

v. 14, except No. 6

### Pastoralist and Grazier

v. 7, Nos. 46-60, Oct. 16, 1935-Dec. 16, 1936, inclusive

### Peninsular Broiler Journal

v. 2, Nos. 19, 20

v. 3, Nos. 1, 2, 1943

### The Peoria County Farmer

v. 27, No. 12, Dec. 1943

### Pharmaceutical Journal

v. 147 (4th series, v. 93), No. 4056, July 26, 1941

Indexes to v. 149 (4th series, v. 95), v. 150

(4th series, v. 96), July-Dec. 1942, Jan.-June 1943

### Plumbing and Heating Business

v. 2, Nos. 1-2, Aug.-Sept. 1939

v. 4, No. 2, Sept. 1941

v. 6, No. 3, Oct. 1943

### Plumbing and Heating Journal

v. 106, No. 1, Jan. 1939

### Poland China World

Mar. 1943

### Power Plant Engineering

v. 42, Nos. 1, 8, 10-11, Jan., Aug., Oct.-Nov. 1938

### Public Health Nursing

v. 28, Nos. 10-12, Oct.-Dec. 1936

v. 29, No. 1, Jan. 1937

v. 31, No. 9, Sept. 1939

v. 32, No. 10, Oct. 1940

v. 34, Nos. 1-2, 10, Jan.-Feb., Oct. 1942

### Refrigerating Engineering

v. 46, No. 5, Nov. 1943

### The Restaurant Man

Mar., June, July, and Sept. 1943

### Shorthorn News

v. 4, No. 3, Sept. 1943

### Shorthorn World

Nos. 2, 5, Mar., May 1944

### Society of Chemical Industry. Journal. Chemistry and Industry

v. 58, No. 48, Dec. 2, 1939

v. 62, Nos. 7, 8, 13-15, 17, 24, Feb. 13, 20,

Mar. 27-Apr. 10, Apr. 24, June 12, 1943

### South African Forestry Association. Journal

No. 1, Oct. 1938

### The South and World Affairs

v. 6, No. 7, 1944

### Southern Farmer

v. 104, No. 2, Feb. 1943

### Southern Florist and Nurseryman

v. 54, No. 25, Mar. 19, 1943

v. 57, No. 19, Aug. 4, 1944

### Southern Lumber Journal

v. 45, No. 12, Dec. 10, 1941

### Southern Lumberman

v. 145, No. 1834, Sept. 1, 1932

v. 151, No. 1909, Oct. 15, 1935

v. 154, No. 1940, Feb. 1, 1937

### Textile Recorder

v. 60, No. 718, Jan. 1943

### Timber of Canada

v. 4, No. 12, Aug. 1944

v. 5, Nos. 1-4, Sept.-Dec. 1944

### Trained Nurse and Hospital Review

v. 90, Nos. 1-5, Jan.-May 1933

v. 91, Nos. 1-3, 5-6, July-Sept., Nov.-Dec. 1933

v. 92, Nos. 1-2, 4, Jan.-Feb., Apr. 1934

v. 93, No. 3, Sept. 1934

v. 95, Nos. 4-5, Oct.-Nov. 1935

v. 96, No. 3, Mar. 1936

v. 98, No. 5, May 1937

v. 99, Nos. 4, 6, Oct., Dec. 1937

v. 100, Nos. 1-2, Jan.-Feb. 1938

v. 101, Nos. 3-4, Sept.-Oct. 1938

v. 103, Nos. 5-6, Nov.-Dec. 1939

v. 104, No. 1, Jan. 1940

v. 106, No. 1, Jan. 1941

v. 107, Nos. 4, 6, Oct., Dec. 1941

v. 108, Nos. 1, 4, Jan., Apr. 1942

v. 109, Nos. 1, 5, July, Nov. 1942

v. 111, Nos. 2-3, Aug.-Sept. 1943

Indexes to vols. 90-93, 95-96, 98-109, Jan.

1933-Dec. 1934, July 1935-June 1936, Jan. 1937-

Dec. 1942







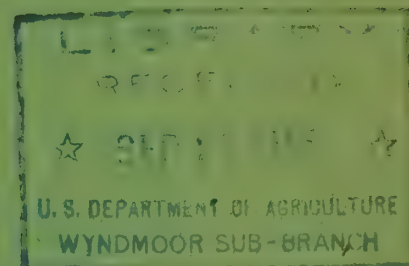
Ref Rm

1. 9/6

BH 71

Cop. 1

# BIBLIOGRAPHY OF AGRICULTURE



U. S. DEPARTMENT  
OF AGRICULTURE  
LIBRARY





United States Department of Agriculture Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B.—Bulletin; C.—Circular; J.—Journal; P.—Publication; Q.—Quarterly; U.—University; U. S. D. A.—United States Department of Agriculture; Ybk.—Yearbook; Z.—Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

**MICROFILMS:**

Periodical Articles.—A flat charge of 50 cents for any single article, from any single volume of a periodical.

Books and Serial Publications.—50 cents for each 50 pages or fraction thereof.

**PHOTOPRINTS:**

50 cents for each 10 pages of text or fraction thereof.



# UNITED STATES DEPARTMENT OF AGRICULTURE

## LIBRARY

### BIBLIOGRAPHY OF AGRICULTURE

Vol. 7

September 1945  
Items 9527-14722

No. 3

#### CONTENTS

	Item		Item		Item
U. S. D. A. PUBLICATIONS.....	9527-9651	Soils and Fertilizers.....	11118-11453	Logging.....	11549
STATE AGR. EXPT. STA.		Soil Science.....	11118	Lumber Industry.....	11554
PUBLICATIONS.....	9652-9751	Soil Physics.....	11121	Sawmills.....	11556
STATE AGR. EXT. SERV. PUBLICATIONS.....	9752-9854	Soil Chemistry and Mineralogy.....	11134	Wood Technology.....	11559
BOOKS AND PAMPHLETS.....	9855-10077	Soil Biology.....	11170	Chemical and Physical Properties.....	11560
PERIODICAL AND SERIAL LITERATURE.....	10078-14722	Soil-Plant Relationships and Soil Requirements.....	11182	Preservative Treatment.....	11564
Plant Science.....	10078-11117	Soil Genesis, Formation, Classification, and Mapping.....	11193	Seasoning and Conditioning.....	11568
Systematic and Geographic Botany.....	10144	Soil Management.....	11218	Forest Products.....	11569
Spermatophytes.....	10168	Soil Fertility.....	11225	Barrels, Boxes, and Crates.....	11579
Pteridophytes.....	10242	Soil Tilth and Tillage.....	11295	Building Construction.....	11580
Bryophytes.....	10261	Drainage, Irrigation, Water Supply, and Flood Control.....	11308	Charcoal.....	11581
Algae.....	10271	Erosion and Erosion Control.....	11354	Naval Stores.....	11584
Fungi and Lichens.....	10280	Sanitation.....	11392	Plastics.....	11588
Pathology.....	10291	Materials for Soil Improvement.....	11393	Pulp and Paper.....	11595
Fungus Diseases.....	10329	Primary Materials.....	11405	Tanning Materials.....	11617
Bacterial Diseases.....	10383	Secondary and Minor Element Materials.....	11412	Veneers and Plywood.....	11619
Virus Diseases.....	10388	Mixed Fertilizer and Fertilizer Technology.....	11414	Miscellaneous.....	11624
Diseases Caused by Nematodes.....	10397	Fertilizer Statistics.....	11423	Forest Influences.....	11630
Ecology.....	10399	Mineral Soil Amendments.....	11433	Wildlife.....	11631
Morphology, Anatomy, and Cytology.....	10438	Manures and Composts.....	11437	Animal Industry.....	11632-12373
Genetics.....	10500	Forestry.....	11454-11631	Breeds and Breeding.....	11632
Physiology.....	10514	Forest Economics and Policy.....	11454	Feeds and Feeding.....	11644
Biochemistry.....	10609	Legislation.....	11470	Veterinary Medicine.....	11692
Silviculture.....	10649	Forest Description and Resources.....	11471	Miscellaneous.....	11754
Field Crops.....	10670	Individual Genera and Species.....	11503	Cattle.....	11771
Cereals.....	10676	Forest Administration and Management.....	11512	Breeds and Breeding.....	11771
Fiber Crops.....	10727	Farm Woodlands.....	11522	Feeds and Feeding.....	11822
Forage Crops and Grasses.....	10739	Forest Protection and Damage.....	11532	Veterinary Medicine.....	11851
Oil Crops.....	10779	Fire.....	11534	Miscellaneous.....	11906
Sugar Crops.....	10798	Lumbering.....	11542	Dogs and Cats.....	11951
Tobacco.....	10804	Equipment.....	11546	Breeds and Breeding.....	11951
Horticultural Crops.....	10809			Feeds and Feeding.....	11954
Fruits.....	10820			Veterinary Medicine.....	11955
Citrus and Subtropical.....	10825			Miscellaneous.....	11969
Deciduous.....	10836			Horses and Mules.....	11975
Small.....	10847			Breeds and Breeding.....	11975
Nuts.....	10859			Feeds and Feeding.....	11986
Ornamental Plants.....	10861			Veterinary Medicine.....	11987
Vegetable and Truck Crops.....	11008			Miscellaneous.....	12026
Weeds and Poisonous Plants.....	11054			Poultry.....	12039
Miscellaneous Economic Plants.....	11080			Breeds and Breeding.....	12039
				Feeds and Feeding.....	12075
				Veterinary Medicine.....	12092
				Miscellaneous.....	12121
				Rabbits.....	12207
				Breeds and Breeding.....	12207
				Feeds and Feeding.....	12216
				Veterinary Medicine.....	12222



Item	Item	Item
Miscellaneous.....12225	Distribution, Marketing, and Transportation...13207	Rubber and Rubber Sub- stitutes.....13920
Sheep and Goats.....12230	Grading, Inspection, Standardization, and Quality.....13218	Seeds.....13922
Breeds and Breeding...12230	Packing and Packaging...13226	Sugar and Sirups.....13929
Feeds and Feeding...12252	Prices, Price Control, and Rationing.....13230	Tobacco.....13976
Veterinary Medicine...12256	Processing and Storage.... 13244	Miscellaneous Products..... 13987
Miscellaneous.....12277	Statistics.....13271	Agricultural Economics and Rural Sociology...14010-14502
Swine.....12308	Beverages and Condiments... 13278	Agricultural Finance...14031
Breeds and Breeding...12308	Dairy Products.....13331	Credit.....14032
Feeds and Feeding...12315	Analysis and Composi- tion.....13358	Income.....14048
Veterinary Medicine...12333	Distribution, etc...13393	Insurance.....14050
Miscellaneous.....12354	Grading, etc.....13406	Taxation.....14056
Entomology.....12374-12911	Packing and Packaging.... 13423	Agricultural Labor and Wages.....14063
General - Economic...12389	Prices, etc.....13424	Agriculture - Situation, Policies, and Pro- grams.....14090
Apiculture and Apis Mellifera.....12460	Processing and Stor- age.....13425	Agriculture, Post- war.....14197
Colony Management...12526	Statistics.....13454	Subsidies.....14206
Arachnida, Myriapoda, Etc.....12556	Feed and Forage Crops...13456	Cost and Standard of Living.....14208
Coleoptera.....12608	Fibers and Textiles...13463	Farm Management and Land Economics.....14210
Diptera.....12693	Fruits, Vegetables, and Nuts.....13546	Bookkeeping and Records.. 14268
Culicidae.....12729	Analysis and Composi- tion.....13574	Cost of Production...14274
Hemiptera (Heteroptera and Homoptera).....12752	Consumption and Utiliza- tion.....13584	Land Settlement and Colonization.....14291
Hymenoptera.....12785	Distribution, etc...13593	Land Tenure.....14334
Lepidoptera.....12805	Grading, etc.....13609	Land Utilization...14348
Orthoptera.....12868	Packing and Packaging.... 13610	Land Values and Valua- tion.....14350
Sericulture and the Silkworm.....12886	Prices, etc.....13615	Population.....14356
Smaller Orders.....12892	Processing and Stor- age.....13617	Rural Social Organiza- tion.....14369
Anoplura and Mallophaga.. 12907	Statistics.....13666	Institutions.....14376
Agricultural Engineering.... 12912-13146	Grain and Grain Prod- ucts.....13667	Rural Organizations and Movements.....14441
Farm Machinery.....12942	Honey and Beeswax....13718	Rural Social Psychology.... 14469
Tillage Machinery...12979	Livestock and Livestock Products.....13721	Trade, Foreign and Inter- national.....14473
Planting Machines and Fertilizer Distrib- utors.....12983	Analysis and Composi- tion.....13772	Food and Human Nutrition.... 14503-14614
Harvesting, Threshing, Drying, and Processing Equipment.....12986	Consumption and Utili- zation.....13775	Nutritive and Vitamin Content.....14557
Trucks, Tractors, and Other Farm Power (In- cluding Fuels).....13035	Distribution, etc...13779	Miscellaneous.....14615-14722
Farm Structures.....13055	Grading, etc.....13804	History and Biography...14642
Farmhouses.....13063	Prices, etc.....13812	Inter-American Relations... 14680
Service Buildings...13079	Processing and Stor- age.....13817	Meteorology.....14683
Storage Structures...13110	Statistics.....13829	Research.....14685
Farm Utilities.....13121	Oils and Oilseeds....13835	New Periodicals and Serials.....14698
Materials and Methods.... 13145	Poultry and Poultry Products.....13880	Corrections.
Agricultural Products: Processing, Distribution, and Statistics...13147-14009		AUTHOR AND SUBJECT INDEXES.
Analysis and Composi- tion.....13181		
Consumption and Utiliza- tion.....13197		

U. S. D. A. Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B. - Bulletin; C. - Circular; J. - Journal; P. - Publication; Q. - Quarterly; U. - University; U. S. D. A. - U. S. Department of Agriculture; Ybk. - Yearbook; Z. - Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture, which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

MICROFILMS: 50 cents for any single article, from any single volume of a periodical. Books and Serial Publications.--50 cents for each 50 pages or fraction thereof.

PHOTOPRINTS: 50 cents for each 10 pages of text or fraction thereof.



PUBLICATIONS OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS, STATE AGRICULTURAL EXTENSION SERVICES, AND BOOKS AND PAMPHLETS FROM OTHER SOURCES

U. S. D. A. PUBLICATIONS

Includes printed and processed publications of the Department received in the library during the preceding month, except war-restricted publications and materials issued for internal administrative use rather than for public distribution.

Periodicals issued by the Department are listed in the June and December issues only; articles in them are indexed currently.

Printed publications may be obtained free upon application to the Office of Information, United States Department of Agriculture, Washington 25, D. C., as long as the Department's supply lasts. After this free distribution is exhausted, publications may be purchased from the Superintendent of Documents; Government Printing Office, Washington 25, D. C.

Processed publications may ordinarily be obtained free of charge from the issuing bureau as long as the supply lasts.

Publications preceded by an asterisk (\*) are not available for distribution; microfilm or photoprint copies can be supplied at the cost of preparing them.

Agricultural Information Series

9527 MORE money for alfalfa seed. U. S. D. A. AIS-25, 2 p. 1945. 1 Ag84Ai

9528 MORE money for alsike clover seed. U. S. D. A. AIS-24, 1 p. 1945. 1 Ag84Ai  
Seed production hints.

Agricultural War Information

9529 HOW TO prepare vegetables and fruits for freezing. U. S. D. A. AWI-100, rev., 16-p. folder. 1945. 1 Ag84Aw

Circulars

9530 MERZ, A. R. Selecting fertilizers. U. S. D. A. C. 487, slightly rev., 16 p. 1945. 1 Ag84C

9531 SMITH, T. E., CLAYTON, E. E., and MOSS, E. G. Flue-cured tobacco resistant to bacterial (Granville) wilt. U. S. D. A. C. 727, 7 p. 1945. 1 Ag84C

Farmers' Bulletins

9532 ELLIS, M. R., and HODGSON, R. E. Feeding cottonseed products to livestock. U. S. D. A. Farmers' B. 1179, rev., 13 p. 1945. 1 Ag84F

9533 YEATMAN, F. W., and STIENBARGER, M. C. Home-made jellies, jams, and preserves. U. S. D. A. Farmers' B. 1800, slightly rev., 18 p. 1945. 1 Ag84F

Leaflets

9534 THE HOME fruit garden in the East Central and Middle Atlantic States. U. S. D. A. Leaflet 218, 8 p. 1945. 1 Ag84L

Kinds and varieties to plant; planting and care.

Miscellaneous Publications

9535 WILLIAMS, P. M. Outline of suggested specifications for purchasing processed fruits and vegetables. U. S. D. A. Misc. P. 565, 18 p. 1945. 1 Ag84M

Radio Broadcasts (Processed)

9536 HAMBIDGE, G. They call it photoperiodism. 2 p. Recorded July 7, 1945. (Farm Sci. Serves the Nation No. 18) 1.914 R2F222

Experiments with soybean and tobacco plants during World War I.

9537 VAN DEMAN, R., and BOND, C. A. Cooking green vegetables the vitamin saving way. 4 p. June 16, 1945. (Your Home and Garden Program) 1.982 A2V28

9538 VAN DEMAN, R., and BOND, C. A. Eat your tomatoes now, and store some for next winter. 4 p. July 14, 1945. (Your Home and Garden Program) 1.982 A2V28

9539 VAN DEMAN, R., OSTWALT, E., and BOND, C. A. Food for two..... 4 p. June 23, 1945. (Your Home and Garden Program) 1.982 A2V28

9540 VAN DEMAN, R., and BOND, C. A. Sugar sparing ways to preserve peaches... Nutrition film: "Something You Didn't Eat." 3 p. June 30, 1945. (Your Home and Garden Program) 1.982 A2V28

Technical Bulletins

9541 ATKINSON, L. J. Feed consumption and marketing weight of hogs. U. S. D. A. Tech. B. 894, 28 p. 1945. 1 Ag84Te

9542 HOWELL, L. D. Marketing and manufacturing margins for textiles. U. S. D. A. Tech. B. 891, 148 p. 1945. Ref., p. 147-148. 1 Ag84Te

9543 PATCH, L. H., and EVERLY, R. T. Resistance of dent corn inbred lines to survival of first-generation European corn borer [*Pyrausta nubilalis*] larvae. U. S. D. A. Tech. B. 893, 10 p. 1945. 1 Ag84Te

AGRICULTURAL ADJUSTMENT AGENCY

9544 CONSERVATION practices... 1945 Agricultural Conservation Program. 9 Nos., processed. 1945. (WR-900, Sup. 1) 1.42 W52F

Arizona, 13 p.; California, 17 p.; Colorado, 21 p.; Idaho, 26 p.; Nevada, 12 p.; New Mexico, 18 p.; Oregon, 17 p.; Utah, 20 p.; Washington, 14 p.

9545 GRAZING land management. 8 p. 1944. (WD-67) 1.42 W52Wd

Objectives of the Agricultural Conservation Program; instructions for the preparation and approval of the Grazing Land Management Plan WD-66.

9546 INSTRUCTIONS on signatures and authorizations in connection with the execution of documents under programs administered by the Agricultural Adjustment Agency. 9 p. 1945. (ACP-16, rev.) 1.42 Ad4AcB

9547 THE MEAT production story. 4 p., processed. 1945. 1.42 Ad4Me

9548 THE 1945 Agricultural Conservation Program for Rhode Island. 7 p., processed. 1944. (NER-910-Rhode Island) 1.42 N76F

9549 1945 Agricultural Conservation Program, Western Region. 1 p., processed. 1945. (WR-900, Sup. 1-a, Arizona) 1.42 W52F

Rates of payment for harvesting legume, grass, alfalfa, alsike clover, and red clover seeds.

9550 1945 Agricultural Conservation Program, Western Region. 1 p., processed. 1945. (WR-900, Sup. 1-b, Oregon) 1.42 W62F

Rates of payment for harvesting legume, grass, alfalfa, alsike clover, and red clover seeds.

AGRICULTURAL AND INDUSTRIAL CHEMISTRY, BUREAU OF

9551 PUBLICATIONS and patents of staff members, Eastern Regional Research Laboratory, 1939-1945. 12 p., processed. Philadelphia, 1945. 1.9321 E2P96

9552 SHOLLENBERGER, J. H., and GOSS, W. H. Soybeans: certain agronomic, physical, chemical, economic, and industrial aspects. U. S. Bur. Agr. and Indus. Chem. North. Region. Res. Lab. AIC-74, 84 p., processed. Peoria, Ill., 1945. 1.932 A2Ag82



## AGRICULTURAL ECONOMICS, BUREAU OF

9553 CANNON, M. F. Maximum prices relating to agricultural commodities or primary products thereof. 18 p., processed. 1944. 1.941 F3M45A

Covers pertinent regulations issued by the Office of Price Administration on or before Apr. 15, 1944.

9554 CAR-LOT shipments of fruits and vegetables ...1944. 21 Nos., processed. 1945. 1.9 Ec741Car  
U. S. Office of Marketing Services, Fruit and Vegetable Branch cooperating.

California, 39 p.; Florida, 32 p.; Georgia, 14 p.; Idaho, 10 p.; Kansas, 5 p.; Kentucky, 3 p.; Louisiana, 16 p.; Michigan, 18 p.; Minnesota, 8 p.; Montana, 5 p.; North Dakota, 5 p.; Ohio, 5 p.; Oklahoma, 9 p.; Oregon, 8 p.; Pennsylvania, 9 p.; South Carolina, 11 p.; Virginia, 10 p.; Washington, 11 p.; West Virginia, 3 p.; Wisconsin, 11 p.; Wyoming, 1 p.

9555 CURRENT developments in the farm real estate market. 6 p., processed. 1945. 1.941 L2C93

9556 1944 car-lot shipments of fruits and vegetables, New York. 30 p., processed. 1945. 1.9 Ec741Car

Issued from Albany, N. Y., in cooperation with New York State Department of Agriculture and Markets and the U. S. Office of Marketing Services, Fruit and Vegetable Branch.

9557 PRICES received by farmers; integration of State index numbers with revised national index. 6 p., processed. 1944. 1.941 F3P933

9558 PRIVATE lenders hold larger proportion of declining farm-mortgage debt. 8 p., processed. 1945. 1.941 F4P93

9559 PRODUCTION of manufactured dairy products, 1944 (preliminary). 17 p., processed. 1945. 1.9 Ec724D

9560 SOYBEANS harvested for beans; acreage, yield and production, 1943 and 1944. 37 p., processed. 1945. 1.941 H8S09

By counties for 18 principal States.

9561 UNITED STATES--weekly receipts of American cheese (by major assemblers), 1944. 2 p., processed. Chicago, 1945. 1.941 S8C415

Distributed at 805 New P. O. Bldg., Chicago 80, Ill.

## AGRICULTURAL RESEARCH ADMINISTRATION

9562 HANKINS, O. G., and BURCH, D. S. Instrument measures tenderness of meat. 2 p., processed. 1945. (R. A. S. 39 (A)) 1.98 R31

9563 PACKARD, C. M. Safe planting dates reduce wheat damage by hessian fly. 2 p., processed. 1945. (R. A. S. 36 (E)) 1.98 R31

9564 WHITE, W. H. Rotenone root powders save the raspberry crop. 2 p., processed. 1945. (R. A. S. 35 (E)) 1.98 R31

9565 ZAHNISER, H. Abaca (manila hemp) production established in the Western Hemisphere. 2 p., processed. 1945. (R. A. S. 38 (P)) 1.98 R31

9566 ZAHNISER, H. The discovery of the influence of day length on plants. 2 p., processed. 1945. (R. A. S. 37 (P)) 1.98 R31

With particular reference to tobacco and soybeans.

## BUDGET AND FINANCE, OFFICE OF

9567 A GUIDE to economy and efficiency in the management of office supplies. 15 p., processed. 1945. 1.911 A2G94

## COMMODITY EXCHANGE AUTHORITY

9568 VOLUME of futures trading of regulated commodities, all contract markets combined, fiscal years, 1943-44 and 1944-45. 1 p., processed. 1945. 1.942 A8V88

9569 VOLUME of futures trading of regulated commodities, by contract markets, fiscal years, 1943-44 and 1944-45. 1 p., processed. 1945. 1.942 A8V88

## DAIRY INDUSTRY, BUREAU OF

9570 GRANT, F. M. Chocolate-flavored milk. Slightly rev., 4 p., processed. 1945. (BDIM-678) 1.9 D14Bd

9571 HOLM, G. E. Dried milks. 10 p., processed. 1945. (BDIM-Inf-25) 1.973 D4B34

Production; manufacturing processes; packaging; keeping quality; cost; nutritive value; uses; definitions and standards; manufacturers of driers and of dried milks.

## DISTRIBUTION, OFFICE OF

9572 COOK, C. P. Uncle Sam's home battalion, or, the Juttie family joins the parade; a skit. 9 p., processed. Chicago, 1944. 1.9422 N2Un1  
Issued by Chicago Nutrition Committee.

## ENTOMOLOGY AND PLANT QUARANTINE, BUREAU OF

9573 BLANCHARD, R. A., and SATTERTHWAIT, A. F. Tests of DDT and pyrethrum in oil solutions and in emulsions against the earworm [*Heliothis armigera*] in sweet corn. U. S. Bur. Ent. and Plant Quar. E-665, 7 p., processed. 1945. 1.9 En83

9574 BUCKHORN, W. J. Instructions for making bark beetle surveys in the virgin ponderosa pine stands of Oregon and Washington. 64 p., processed. Portland, Oreg., 1944. 1.967 F4In7

9575 PINK bollworm [*Pectinophora gossypiella*] quarantine regulations modified. 2 p., processed. 1945. (B. E. P. Q. 540) 1.9 F73

Method of treating cottonseed originating in heavily infested area for movement to points outside such area.

9576 PLANT-QUARANTINE import restrictions of the Dominican Republic. 1 p., processed. 1945. (B. E. P. Q.--396, Sup. No. 2) 1.9 F73

Importation of cotton and cottonseed from the United States authorized.

9577 PLANT quarantine import restrictions of the Republic of Brazil; requirements for the transit of plants and their products through the national territory. 2 p., processed. 1945. (B. E. P. Q.--379 (Rev.), Sup. 2) 1.9 F73

9578 PLANT-QUARANTINE import restrictions of the Republic of Paraguay. 2 p., processed. 1945. (B. E. P. Q.--502, Sup. No. 1, rev.) 1.9 F73

All plants and plant products, including seeds, fresh fruits, and vegetables, must be accompanied by a sanitary certificate. Includes a list of declared pests.

9579 WADLEY, F. M. The evidence required to show synergistic action of insecticides and a short cut in analysis. U. S. Bur. Ent. and Plant Quar. ET-223, 6 p., processed. 1945. 1.9 En83Et

9580 WHITE, W. H. Report upon cooperative potato tuber worm [*Gnorimoschema operculella*] survey in 1944. U. S. Bur. Ent. and Plant Quar. Insect Pest Survey. Spec. Sup. (1945, No. 5), 8 p., processed. 1945. 1.9 En831B

## EXPERIMENT STATIONS, OFFICE OF

9581 ARANA, F. E. Vanilla curing. Puerto Rico (Mayaguez) Fed. Expt. Sta. C. 25, 21 p. 1945. 1 Ex65

9582 REPORT of the Federal experiment station in Puerto Rico, 1944. 44 p. Mayaguez, P. R., 1945. 1 Ex65

Partial contents: Insecticidal-crop, drug-crop, and food-crop investigations; Plant introduction and propagation; Control of insect pests and diseases; Bamboo production and industrialization; Agricultural engineering; Vanilla; Essential oils; Coffee; Soil conservation.

## EXTENSION SERVICE

9583 ADAMS, R. Gourds for practical uses. 5 p., processed. 1945. 1.913 A2G74



9584 ADVISORY service for veterans; printed and processed publications. 3 p., processed. 1945. 1.913 A2Ad9

Largely State extension publications listed by States.

9585 CRILE, L., MORRILL, S. D., and NESSETT, G. The effectiveness of the Ward County, North Dakota, extension radio program. U. S. Ext. Serv. Ext. Serv. C. 429, 21 p., processed. 1945. 1.9 Ex892Esc

9586 IS FARMING for me? 4 p., processed. 1945. (Lecture for Slidefilm No. 664) 1.9 Ex892La

To give servicemen, veterans, and others who may want to farm, a glimpse of what farm life is like.

9587 OGLESBEE, J. C., JR. Cotton ginning equipment. 6 p., processed. 1945. (Lecture Note for Slidefilm No. 662) 1.9 Ex892La

Illustrates mechanical views.

9588 ROKAHR, M. War and postwar home management. 11 p., processed. 1945. 1.913 H3R63

Address before Temple University Institute, Philadelphia, Mar. 14, 1945.

#### FARM CREDIT ADMINISTRATION

9589 BAIN, H. M. Organizing honey marketing cooperatives in wartime. U. S. Farm Credit Admin. Misc. Rpt. 79, 28 p., processed. 1945. 166.3 M68

Distributed by Farm Credit Administration, Kansas City 8, Mo.

9590 SCEARCE, J. L. State councils and associations of farmer cooperatives. U. S. Farm Credit Admin. Misc. Rpt. 82, 33 p., processed. 1945. 166.3 M68

9591 WARRINGTON, S. T., and WILKINS, P. C. Frozen food locker plants, January 1, 1943. U. S. Farm Credit Admin. Coop. Res. and Serv. Div. Misc. Rpt. 81, 45 p., processed. 1945. 166.3 M68

Location, capacity, rates, and use of plants.

Distributed by Farm Credit Administration, Kansas City 8, Mo.

#### FARM SECURITY ADMINISTRATION

9592 STATUS of the active tenant purchase families in 1943 in the United States and each region. 18 p., processed. 1945. (1943 Family Prog. Rpt. Release No. 11) 1.95 F21

Land resources; assets and liabilities; loans; income and expenses; debt repayment.

9593 WORCESTER, C., and HUDGENS, R. W. Farm loans for veterans. 3 p., processed. 1945. 1.95 Ad8H

Interview presented over Columbia Broadcasting System's "Country Journal" on July 7, 1945.

#### FEDERAL CROP INSURANCE CORPORATION

9594 LOSS adjustment manual for flax. 27 p., processed. 1945. 1.952 L892

Tentative.

9595 LOSS adjustment manual for tobacco. 26 p., processed. 1945. 1.952 L893

Tentative.

9596 LOSS adjustment manual for wheat. 28 p., processed. 1945. 1.952 L894

Tentative.

9597 REPORT of the manager of the Federal Crop Insurance Corporation, 1944. 22 p., processed. 1944. 1 C88R

Deals largely with liquidation activities, although the operating statistics cover the full period since the Corporation was organized.

#### FOREIGN AGRICULTURAL RELATIONS, OFFICE OF

9598 ENGLUND, E. The next twenty-five years in world agriculture with special reference to Canadian agriculture. 14 p., processed. 1945. 1.943 En3

Address before the Canadian Society of Technical Agriculturists, Saskatoon, Canada, June 27, 1945.

Effects of science and technology; population trends and export prospects; social and political attitudes; trends in agricultural policy.

9599 THE FOOD situation and outlook in continental Europe, the Mediterranean area, and the Soviet Union. 21 p., processed. 1945. 1.943 F732

9600 MEETING of the International Cotton Advisory Committee, April 2 to 14, 1945, Washington, D. C. Stenographic report. 132 p., processed. 1945. 1.943 In81

#### FOREST SERVICE

9601 BRIQUETTING of wood waste. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R842, rev., 6 p. 1945. 1.9 F761R

A survey of briquetting and conditions necessary for successful manufacture and sale of briquets.

9602 DOYLE, D. V., DROW, J. T., and MCBURNEY, R. S. Elastic properties of wood; the Young's moduli, moduli of rigidity, and Poisson's ratios of balsa [*Ochroma lagopus*] and quipo [*Cavanillesia platanifolia*]. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1528, 16 p. Madison, Wis., 1945. 1.9 F761R

U. S. Army-Navy-Civil Committee on Aircraft Design Criteria and Wisconsin University cooperating.

9603 KRAUCH, H. The influence of release on the diameter growth of trees in Douglasfir cut-over stands in the Southwest. U. S. Forest Serv. Southwest. Forest and Range Expt. Sta. Res. Notes 111, 3 p., processed. [Tucson, Ariz.], 1945. 1.9 F7621R

9604 MARCH, H. W., and others. Buckling of thin-walled plywood cylinders in torsion. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1529, 55 p. Madison, Wis., 1945. 1.9 F761R

C. B. Norris, C. B. Smith, and E. W. Kuenzi, joint authors.

U. S. Army-Navy-Civil Committee on Aircraft Design Criteria and Wisconsin University cooperating.

9605 MUNGER, T. T. The number and diameter of trees on permanent sample plots in the Douglas-fir type. 7 p., processed. Portland, Oreg., 1945. 1.9622 P2N91

9606 OLSON, W. Z., and SOPER, V. R. Development of shear strength in maple block joints made with two resorcinol glues at temperatures from 40° to 80° F. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1486, 3 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

9607 SCHWARTZ, S. L., FEW, J. C., and MEYER, H. R. Low-resin-content and resin-free pulp plastics. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1483, 7 p. Madison, Wis., 1945. 1.9 F761R

Wisconsin University cooperating.

9608 TECHNICAL notes, Lake States Forest Experiment Station. 5 Nos., processed. University Farm, St. Paul, Minn., 1945. 1.9 F7625T

No. 236. Cross tie production in the Lake States, by A. G. Horn. 1 p.

No. 237. Mineral soil is favorable seedbed for spruce and fir, by R. K. LeBarron. 1 p.

No. 238. Thinnings for pulpwood increase timber yield, by F. H. Eyre and P. J. Zehngraff. 1 p.

No. 239. Fuelwood production lags in Wisconsin, by W. A. Kluender. 2 p.

No. 240. Shrub growth hinders black spruce reproduction in swamps, by R. K. LeBarron. 1 p.

#### HUMAN NUTRITION AND HOME ECONOMICS, BUREAU OF

9609 SURVEY of food consumption by open country families; family income and food expenditure. Instructions to field agents for using schedule. 31 p., processed. 1945. 1.982 A2Sa7

#### INFORMATION, OFFICE OF

9610 IMPORTANT recent achievements of Department of Agriculture scientists. Rev., 29 p., processed. 1945. ([Rpt.] No. 6) 1.90 A2Un32



## LIBRARY

9611 NEWMAN, M. R., and SMALLWOOD, N. W. Victory gardening in the United States; a list of references to publications designed to aid the gardener. U. S. D. A. Libr. Libr. List 15, 32 p., processed. 1945. 1.916 L612

## MARKETING SERVICES, OFFICE OF

9612 BARLEY market review. 2 p., processed. 1945. 1.9422 G8B24

Issued from San Francisco with California Department of Agriculture, Market News Service cooperating. Distributed by Office of Marketing Services, 731 U. S. Appraisers Bldg., San Francisco 11, Calif.

9613 CARLOT shipments of fruits and vegetables by commodities, States, and months...calendar year 1944. 34 p., processed. 1945. 1.9 Ec742Ca  
Includes boat shipments reduced to carlot equivalents.

9614 CATTLE and calves: monthly average price per 100 pounds, Nashville, 1944. Based on the mean of daily range of quotations. 2 p., processed. 1945. 1.9422 L8C29Na

9615 FLUE-CURED tobacco market review, 1944-45 season. 49 p., processed. 1945. 1.9 Ec714T

9616 HOGS: monthly average price per 100 pounds, Des Moines, 1944. Based on the mean of daily range of quotations. 3 p., processed. 1945. 1.9422 L8H67Ds

Also prices of hogs, sheep, and lambs at Denver and at Nashville.

9617 INSTRUCTIONS for determination of performance 1945 sugar beet program (for use by county committees). 4 p., processed. 1945. 1.42 Ab4SB

9618 LICENSING provisions of the Perishable Agricultural Commodities Act, 1930, as amended. 4 p., processed. 1945. 1.90 A2P11

9619 LIST of stockyards within the jurisdiction of the Packers and Stockyards Act. 8 p., processed. 1945. 1.9 Ag89L

9620 PRELIMINARY suggestions for organization and operation of a Nation-wide egg and poultry quality conservation program (based on quality conservation and uniform identification of products). 7 p., processed. 1945. 1.9422 Po2P91

9621 SUMMARY of active food orders. 52 p., processed. 1945. 1.9422 A8Su62

Provisions in force through July 1, 1945 of War Food Orders.

9622 TOBACCO stocks report as of April 1, 1945. 17 p., processed. 1945. 1.9 Ec714

9623 UNITED STATES standards for grades of processed fruits and vegetables (canned, dried, and frozen). 3 p., processed. 1945. 1.9422 Fr5Un3  
List of effective dates only.

9624 WEIGHT and cost: cattle slaughtered under Federal inspection, production and consumption of beef, 1944. 8 p., processed. n. d. 1.9 Ec713Wec  
Calves, hogs, sheep, and lambs slaughtered; production and consumption of veal, pork and lard, lamb and mutton.

## PERSONNEL, OFFICE OF

9625 QUALIFICATION requirements of some professional, scientific and other specialized positions in the Department of Agriculture. 70 p., processed. 1945. 1.917 A2P91

Revision of a preliminary report issued Oct. 1944.

For the information of colleges and universities so that the basic training they provide will more directly meet the requirements of these positions.

PLANT INDUSTRY, SOILS,  
AND AGRICULTURAL ENGINEERING, BUREAU OF

9626 FERTILIZERS and lime in the United States; plant-food memorandum report No. 11. 63 p., processed. Beltsville, Md., 1945. Ref., p. 43-52. 1.965 S4P69

Preliminary. Limited distribution.

Resources, production, marketing, and use of fertilizers and lime. Prepared for the Committee on National Fertilizers and Lime Policy of the Department of Agriculture.

9627 PROCEDURE used by the United States Department of Agriculture in handling foreign citrus plant material. 2 p., processed. n. d. 1.965 A2P94

9628 PUBLICATIONS helpful in building and remodeling farm structures. U. S. Bur. Plant Indus., Soils, and Agr. Engin. Inform Ser. 68, rev., 2 p., processed. 1945. 1.9 R5311

## RURAL ELECTRIFICATION ADMINISTRATION

9629 COMPARISON of rank, percentage and number of farms electrified with central station service 1935, 1940 and 1944 by States and for the United States. 1 p., processed. 1944. 1.933 C73

## SECRETARY, OFFICE OF

9630 ORDERS of Secretary of Agriculture requiring slaughter permits and dealer and agent permits. Instructions for USDA war boards. 8 p., processed. 1943. 1.91 A2Or22

## SOIL CONSERVATION SERVICE

9631 ANDERSON, H. O. Farm management problems in soil conservation planning, a handbook of farm management phases of soil conservation planning for soil conservation trainees. 27 p., processed. La Crosse, Wis., 1945. 1.96 R31Em

9632 FIELD training program, planting and care of trees and shrubs; outline. 6 p., processed. Albuquerque? 1945. 1.9608 F45

9633 GARDNER, J. L., and HUBBELL, D. S. Conservation of runoff for crop and forage production. U. S. Soil Conserv. Serv. Region. B. 94 (Water Conserv. and Mangt. Ser. No. 4), 20 p., processed. Albuquerque, 1944. 1.9608 R26

9634 GENERAL information on water rights for guidance of field personnel of Soil Conservation Service in Region 6. 14 p., processed. 1944. 1.9608 G28

9635 LANTOW, J. L. Health and vigor, competition and production. U. S. Soil Conserv. Serv. Region. B. 97 (Range Mangt. Ser. No. 9), 5 p., processed. Albuquerque? 1944. 1.9608 R26

Importance of health and vigor in forage plants to range management.

9636 ORIENTATION handbook for new employees, 1945. 43 p., processed. Milwaukee, Wis., 1945. 1.9605 Or4

9637 STATUS of title clearance for exchange of lands under title III, Bankhead-Jones Farm Tenant Act June 30, 1945. 5 p., processed. 1945. 1.96 L22S

Two tables. 1. Regional summary of status of title clearance for land exchanges; 2. Status of title clearance for land exchanges, by projects.

9638 TECHNICAL notes, Upper Mississippi Region. 5 Nos., processed. Milwaukee, Wis., 1944. 1.9605 T22

No. 19. Soil conservation research in Illinois. (Summary of two studies: Soil and water losses - contour farming study, Agronomy Farm, Urbana, Ill. (1941-43); Soil treatment and grazing management study.)

Illinois Agricultural Experiment Station cooperating.

No. 20. Soil conservation research in Indiana. (Includes mulch studies.) 6 p.

No. 21. Soil conservation research in Ohio. 6 p. Ohio Agricultural Experiment Station cooperating.

No. 22. Stereoscope for use on standard soil survey field maps. 3 p.

No. 23. Collection of soil profiles. 3 p.



## SUPPLY, OFFICE OF

9639 DRY PEAS in school lunches. 1 p., processed. 1945. 1.957 Su7D84

9640 GENERAL directions and tested recipes for using dried whole eggs in school lunches. 2 p., processed. 1.957 Su7G28

9641 MARKING instructions for nonfat dry milk solids containers. Rev., 1 p., processed. 1945. 1.957 Su7M34

9642 SCHOOL lunch menus featuring eggs and other abundant foods. 2 p., processed. 1945. 1.957 Su7Sch63

9643 WHAT'S happened to meat? 5 p., processed. 1945. 1.957 Su7W55

## WAR FOOD ADMINISTRATION

9644 CANNED poultry; War Food Order No. 125. Questions and answers. 6 p., processed. 1945. 1 F733F

9645 CREAM. Questions and answers relating to War Food Order 13 (revised). 5 p., processed. 1945. 1 F733F

9646 DRY BEANS; War Food Order No. 45. Questions and answers. 3 p., processed. 1945. 1 F733F

9647 EAT THE basic 7 [foods] every day! Rev. Folder. 1945. (NFC-8) 1 F733N

How your meals should balance to include some foods of each of the basic 7 every day.

9648 [LETTER] To Members of the Senate and the House of Representatives, from M. Jones [comparing food production and use in the two wars]. 2 p., processed. 1945. 1.9424 A2J72

Includes a table giving detail of key commodities.

9649 POULTRY; War Food Order No. 119. Questions and answers. 5 p., processed. 1945. 1 F733F

Also War Food Order No. 119 (Amendment). Questions and answers. 5 p. Issued Jan. 1945.

9650 TURKEYS; War Food Order No. 106, amendment 3. Questions and answers. 6 p., processed. 1945. 1 F733F

9651 WAR FOOD Orders. 15 Nos. 1945. 1 F733F WFO 18-3, amend. 2 to partial suspension. Tea quotas, packing restrictions, reports, and records for packers and wholesalers. 1 p. June 16.

WFO 22-9, amend. 2. Canned vegetables, and canned vegetable juices, required to be set aside during 1945. 1 p. June 12.

WFO 29, partial suspension. Delivery of crude cottonseed, peanut, soybean, and corn oil to refineries. 1 p. June 6.

WFO 63-4. Food imports. [Import controls extended to cover poultry from Canada, Mexico, Guatemala, and El Salvador.] 1 p. June 7.

WFO 72, amend. 5. Allocation of imported salted fish. 3 p. July 9.

WFO 75, amend. 22. Hog support prices. 1 p. June 16.

WFO 75-2, amend. 26. Beef set aside reduction. 1 p. July 12.

WFO 75-3a, amend. 1. Pork set aside specifications. 1 p. June 9.

WFO 75-5, amend. 1. Lamb set aside reduction. 1 p. June 8.

WFO 79-102, amend. 11. Delegation of authority to market agents in the administration of War Food Orders for the conservation and distribution of fluid milk and cream. 1 p. June 11.

WFO 92, partial suspension and amend. 3. Cheese and cheese foods. 1 p. June 13; also WFO 92, amend. 4, issued July 12.

WFO 120-6, amend. 2. Irish potatoes. [Shipping restrictions removed in certain areas.] 1 p. June 30.

WFO 126, 126-1 and 126-2 termination. Maximum livestock slaughter payments. 1 p. May 22.

WFO 131-1, amend. 1. Sugar; miscellaneous amendments. 1 p. June 30.



STATE AGRICULTURAL EXPERIMENT STATION PUBLICATIONS  
September 1945

Includes State Agricultural Experiment Station publications received in the library during the preceding month. Articles in Station periodicals containing more than one article in an issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Experiment Stations are not available from the U. S. Department of Agriculture but are often available from the publishing State agricultural experiment station.

Mimeographed or processed material issued by the State Agricultural Experiment Stations is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Alabama Agricultural Experiment Station, Auburn

9652 KING, D. F. Stimulating hens to set. Ala. Agr. Expt. Sta. Mimeog. Ser., No. 1, 1 p. 1944. 100 AllM

9653 STURKIE, D. G., and KUMMER, F. A. Use of a hammer mill to hull and scarify *Lespedeza sericea* seed. Ala. Agr. Expt. Sta. Mimeog. Ser., No. 2, 4 p. 1944. 100 AllM

9654 CHRISTOPHER, R. C. Growing alfalfa on Sand Mountain. Ala. Agr. Expt. Sta. Mimeog. Ser., No. 3, 2 p. 1944. 100 AllM

9655 CONTROL of worms in hogs. Ala. Agr. Expt. Sta. Mimeog. Ser., No. 4, 2 p. 1944. 100 AllM

9656 STEWART, F., and BOSECK, J. Feed and forage cropping system for process milk production in the Alabama Tennessee Valley. Ala. Agr. Expt. Sta. Mimeog. Ser., No. 9, 6 p. 1944. 100 AllM

Two-year progress report, 1942-1943.

9657 WARE, L. M. Sweetpotatoes for livestock feed. Ala. Agr. Expt. Sta. Mimeog. Ser., No. 12, 14 p. 1944. 100 AllM

California Agricultural Experiment Station, Berkeley

9658 INVESTIGATIONS with DDT in California, 1944: a preliminary report prepared under the direction of the Division of Entomology and Parasitology. 33 p., processed. Calif. Agr. Expt. Sta., 1945. 100 C123

Contents: Use against household insects or insects of medical importance, by S. B. Freeborn; Control of lygus bugs on alfalfa seed crop with DDT, by A. E. Michelbacher, R. F. Smith, and G. L. Smith; The use of DDT on almond trees, by C. H. Swanson and A. E. Michelbacher; Tests with DDT on larvae of fruit tree leaf roller [*Archips argyrospila*], and tussock moth [*Hemerocampa vetusta*], attacking apple, by A. D. Borden and L. R. Jeppson; Laboratory tests with two berry insects [*Paria canella*, *Pantomorus godmani*], by L. M. Smith; Control of certain cotton insects with DDT, by G. L. Smith; Control of flies in a dairy barn with DDT, by A. E. Michelbacher, R. F. Smith, and G. L. Smith; Experiments with DDT against the grape leafhopper [*Erythroneura*], by N. W. Frazier and E. M. Stafford; Tests with DDT and other insecticides for controlling onion thrips [*Thrips tabaci*], in the San Joaquin Delta, by L. R. Jeppson and A. D. Borden; Tests with DDT and other insecticides for controlling onion thrips in the Salinas Valley, by W. H. Lange, Jr., and T. W. Thwaites; Field tests with DDT to control codling moth [*Carpocapsa pomonella*], on Bartlett pears, by A. D. Borden and L. R. Jeppson; DDT test in the control of pear bud mite [*Eriophyes pyri*], by A. D.

Borden and L. R. Jeppson; Test comparing the effectiveness of DDT and rotenone against pear thrips [*Taeniothrips inconsequens*], larvae, by A. D. Borden and L. R. Jeppson; Tests with DDT on tussock moth attacking pear, by A. D. Borden and L. R. Jeppson; Experiments with DDT in oils applied as vapo-sprays for controlling pea insects, by W. H. Lange, Jr.; Field test with DDT and sulfur against the potato leafhopper [*Empoasca abrupta*], on potatoes grown for seed, by L. R. Jeppson and A. D. Borden; Tests with DDT for the control of certain scale insects, by E. M. Stafford; Spraying with DDT in a greenhouse to control thrips, the vectors of spotted wilt in tomatoes, by M. W. Gardner, A. E. Michelbacher, and R. F. Smith; Laboratory tests with DDT on truck-crop insects, by W. H. Lange, Jr.; Controlling codling moth on walnuts with DDT, by A. E. Michelbacher, C. H. Swanson, and G. L. Smith; Effect of DDT on the walnut aphid, by A. E. Michelbacher, C. H. Swanson, and G. L. Smith; Studies on the possible effects of DDT on the growth of rice and barley, by T. C. Broeyer; Analyses for deposits and residues of DDT in 1944, by W. M. Hoskins.

9659 CRAFTS, A. S., and REIBER, H. G. Studies on the activation of herbicides. *Hilgardia* 16: 487-500. May 1945. 100 C12H

9660 CRAFTS, A. S. Toxicity of certain herbicides in soils. *Hilgardia* 16: 459-483. May 1945. 100 C12H

9661 HANNESSON, H. A. Movement of carbon disulfide vapor in soils as affected by soil type, moisture content, and compaction. *Hilgardia* 16: 503-510. May 1945. 100 C12H

Colorado Agricultural Experiment Station, Fort Collins

9662 FIFTY-SEVENTH annual report, Colorado Agricultural Experiment Station, 1943-44. 43 p. 1945. 100 C71S

9663 COLORADO farm bulletin, v. 7, No. 3, 15 p. May/June 1945. 100 C71S

Connecticut (State) Agricultural Experiment Station, New Haven

9664 REPORT of the director of the Connecticut Agricultural Experiment Station for the year ending October 31, 1944. 103 p. 1945. 100 C76St

Delaware Agricultural Experiment Station, Newark

9665 GILLIGAN, G. M., and WOODMANSEE, C. W. Factors in the destruction of ascorbic acid and carotene in kale. *Del. Agr. Expt. Sta. Pam.* 16, 5 p., processed. 1945. 100 D37H

A contribution to the National Cooperative Project, Conservation of Nutritive Value of Foods.

Georgia Agricultural Experiment Station, Experiment

9666 WOODROOF, J. G., and CECIL, S. R. Sulphur dioxide solution as a preservative for fruits and vegetables. *Ga. Agr. Expt. Sta. B.* 238, 32 p. 1945. Ref., p. 31-32. 100 G29S

Idaho Agricultural Experiment Station, Moscow

9667 NYBROTEN, A. N. The rural land market in the northern Idaho grain-pea area. *Idaho. Agr. Expt. Sta. B.* 261, 16 p. 1945. 100 Id1

The area studied includes Benewah, Latah, Lewis, and Nez Perce Counties.

9668 IDAHO employment in relation to agriculture. *Idaho. Agr. Expt. Sta. C.* 104, 4 p. 1945. 100 Id1

Illinois Agricultural Experiment Station, Urbana

9669 WEBB, R. J., and SULL, S. Effect of molasses and molasses feed on quality of beef. *Ill. Agr. Expt. Sta. B.* 510, p. 487-496. 1945. 100 I16S

9670 WILCOX, R. H., and RHODE, C. S. Cost of producing milk in northern Illinois. *Ill. Agr. Expt. Sta. B.* 511, p. 499-520. 1945. 100 I16S



Indiana Agricultural Experiment Station, Lafayette

9671 QUACKENBUSH, F. W., and others. Inspection of agricultural seeds. Ind. Agr. Expt. Sta. C. 301, 160 p. 1944. 100 In2P  
A. S. Carter, E. R. Clark, R. B. Schulte, and C. Fuhr, joint authors.

9672 BEDELL, G. D., KOHNKE, H., and HICKOK, R. B. Improved practices reduce loss of available nutrients by run-off. Ind. Agr. Expt. Sta. Agron. Mimeog. 61, 4 p. 1944. 100 In2Agr

Iowa Agricultural Experiment Station, Ames

9673 STARRAK, J. A. Current school and college education in agriculture for Iowa farmers. Iowa Agr. Expt. Sta. B. P74, p. 459-496. 1945. 100 Io9

9674 WILSIE, C. P., PETERSON, M. L., and HUGHES, H. D. Bromegrass in Iowa. Iowa Agr. Expt. Sta. B. P75, p. 499-528. 1945. 100 Io9

Kentucky Agricultural Experiment Station, Lexington

9675 BUCKNER, G. D., and HENRY, A. H. Composition and yield of Kentucky bluegrass and Korean lespedeza at different stages of growth. Ky. Agr. Expt. Sta. B. 473, 12 p. 1945. 100 K41

Louisiana Agricultural Experiment Station, University Station, Baton Rouge

9676 KEMP, L., and SMITH, T. L. Health and mortality in Louisiana. La. Agr. Expt. Sta. B. 390, 47 p. 1945. 100 L93

9677 GILE, B. M., and BAKER, J. M. Farmers' business organizations in Louisiana (Tentative list - subject to corrections and additions). La. Agr. Expt. Sta. Mimeog. C. 47, 18 p. 1945. 100 L935  
Cooperative organizations.

9678 ALEXANDER, W. H., and EFFERSON, J. N. Preliminary report on the financial results of the operation of raw sugar mills in Louisiana, 1943 and 1944. La. Agr. Expt. Sta. Mimeog. C. 48, 19 p. 1945. 100 L935

Maryland Agricultural Experiment Station, College Park

9679 APPLEMAN, C. O., and others. The curing and storage of Maryland Golden sweet potatoes. Md. Agr. Expt. Sta. B. A22, p. 325-335. 1943. 100 M36S  
H. G. Shirk, P. H. Heinze, and R. G. Brown, joint authors.

Massachusetts Agricultural Experiment Station, Amherst

9680 COLBY, W. G., GILGUT, C. J., and YEGIAN, H. M. The culture of set onions in the Connecticut Valley. Mass. Agr. Expt. Sta. B. 424, 16 p. 1945. 100 M38H

9681 ESSELEN, W. B., Jr. Botulism and home canning. Mass. Agr. Expt. Sta. B. 426, 28 p. 1945. 100 M38H

9682 GUNNESS, C. I. Meteorological observations for May 1945. Mass. Agr. Expt. Sta. Met. Ser. B. 677, 4 p. 1945. 100 M38H

Michigan Agricultural Experiment Station, East Lansing

9683 HOFFER, C. R. Adjustments of Michigan farm families to war conditions. Mich. Agr. Expt. Sta. Spec. B. 333, 28 p. 1945. 100 M58S

9684 CARDINELL, H. A., and HAYNE, D. W. Corn injury by red-wings in Michigan. Mich. Agr. Expt. Sta. Tech. B. 198, 59 p. 1945. 100 M58S  
Birds as pests.

9685 DARLINGTON, H. T. Taxonomic and ecological work on the higher plants of Michigan. Part I. A brief account of the Michigan flora and botanical survey. Part II. Bibliography. Mich. Agr. Expt. Sta. Tech. B. 201, 59 p. 1945. Ref., p. 45-59. 100 M58S

9686 HAYNE, D. W., PIENIE, M. D., and JEFFERSON, C. H. Controlling rats and house mice. Mich. Agr. Expt. Sta. C. 167, rev., 40 p. 1945. 100 M58S

9687 JEFFERSON, C. H., and WEAVER, E. The per barn and milking room in Michigan. Mich. Agr. Expt. Sta. C. 195, 35 p. 1945. 100 M58S

9688 TURK, L. M., and WEIDEMANN, A. G. Farm manure. Mich. Agr. Expt. Sta. C. 196, 24 p. 1945. 100 M58S

9689 CHURCHILL, B. R. Production of tablestock rutabagas in Michigan. Mich. Agr. Expt. Sta. C. 197, 19 p. 1945. 100 M58S

9690 FIFTY-SEVENTH annual report of the Michigan Agricultural Experiment Station for the year ended June 30, 1944. p. 161-180. 1944. 100 M58S

This report is included in Michigan State Board of Agriculture Report, 1944.

Minnesota Agricultural Experiment Station, University Farm, St. Paul

9691 CANFIELD, T. H. A technique for the sex determination of chicks. Minn. Agr. Expt. Sta. Misc. Rpt. 3, 8 p. 1944. 100 M66

Mississippi Agricultural Experiment Station, State College

9692 MISSISSIPPI farm research, v. 8, Nos. 6, 7, 8 p. each. June, July 1945. 100 M69M1

Missouri Agricultural Experiment Station, Columbia

9693 RICHARDSON, L. R., HOGAN, A. G., and KEMPSTER, H. L. Critical vitamins in rations for baby chicks. Mo. Agr. Expt. Sta. Res. B. 390, 12 p. 1945. 100 M693

9694 HIBBARD, A. D., and WITTWER, S. H. Late plantings of vegetables. Mo. Agr. Expt. Sta. C. 302 11 p. 1945. 100 M693

9695 AVAILABLE research bulletins. Mo. Agr. Expt. Sta. Serv. C. 115, 3 p. 1945. 100 M693Se

Nebraska Agricultural Experiment Station, Lincoln

9696 NEBRASKA agriculture: 58th annual report of the Nebraska Agricultural Experiment Station, 1944. 124 p. 1944. 100 N27

New Jersey Agricultural Experiment Station, New Brunswick

9697 BLAKE, M. A., EDGERTON, L. J., and DAVIDSON, O. W. Standards for judging the growth status of apples in New Jersey. N. J. Agr. Expt. Sta. B. 715, 36 p. 1945. 100 N46S

9698 PLATT, C. S., and SPOVER, H. W., JR. Sexual maturity, adult mortality, and egg production of White Leghorn pullets in relationship to their diet during the growing period. N. J. Agr. Expt. Sta. B. 716, 19 p. 1945. 100 N46S

9699 BLAKE, M. A., and EDGERTON, L. J. Experiences with blight-resistant chestnuts in New Jersey. N. J. Agr. Expt. Sta. B. 717, 20 p. 1945. 100 N46S

9700 AHLGREN, G. H., SPRAGUE, H. B., and BEAR, F. E. Growing alfalfa in New Jersey. N. J. Agr. Expt. Sta. B. 718, 40 p. 1945. 100 N46S

9701 WALLER, A. G., and others. Shall I buy a farm? N. J. Agr. Expt. Sta. B. 719, 31 p. 1945. 100 N46S

H. Keller, Jr., J. W. Carncross, W. F. Knowles, and K. R. Slamp, joint authors.

9702 DOEHLERT, C. A. Propagating blueberries from hardwood cuttings. N. J. Agr. Expt. Sta. C. 490, 8 p. 1945. 100 N46S

9703 PERRY, E. J., and BARTLETT, J. W. Artificial insemination of dairy cows. N. J. Agr. Expt. Sta. C. 491, 20 p. 1945. 100 N46S

9704 COX, H. R., and AHLGREN, G. H. Improved pastures from better grasses and legumes. N. J. Agr. Expt. Sta. C. 492, 11 p. 1945. 100 N46S

9705 CONNORS, C. H. Growing holly. N. J. Agr. Expt. Sta. C. 493, 8 p. 1945. 100 N46S



- 9706 PLATT, C. S., and BLACK, L. M. The family poultry flock. N. J. Agr. Expt. Sta. C. 494, 8 p. 1945. 100 N46S  
Plans for backyard poultry house.
- 9707 PEPPER, B. B. The Mexican bean beetle [*Epilachna varivestis*]. N. J. Agr. Expt. Sta. C. 495, 12 p. 1945. 100 N46S
- 9708 SCHEMITT, J. B. Carpet beetles. N. J. Agr. Expt. Sta. C. 496, 7 p. 1945. 100 N46S  
*Attagenus piceus*; *Anthrenus* spp.
- 9709 CONNORS, C. H. Care of evergreens. N. J. Agr. Expt. Sta. C. 497, 16 p. 1945. 100 N46S
- 9710 PLATT, C. S. Variation in economic efficiency of pens entered in the New Jersey flock mating test. N. J. Agr. Expt. Sta. Hints to Poultrymen, v. 31, No. 6, 4 p. Aug./Sept. 1944. 100 N46S
- 9711 BLACK, L. M. A sanitary program for the poultry farm. N. J. Agr. Expt. Sta. Hints to Poultrymen, v. 32, No. 1, 4 p. Oct./Nov. 1944. 100 N46S
- 9712 PLATT, C. S. Poultry meat for home and market. N. J. Agr. Expt. Sta. Hints to Poultrymen, v. 32, No. 2, 4 p. Dec. 1944/Jan. 1945. 100 N46S
- 9713 STURKIE, P. D. Improving the flock by progeny testing. N. J. Agr. Expt. Sta. Hints to Poultrymen, v. 32, No. 3, 4 p. Feb./Mar. 1945. 100 N46S
- 9714 FARM science in war and peace: the 65th annual report of the New Jersey State Agricultural Experiment Station and the 57th annual report of the New Jersey Agricultural College Experiment Station, 1943-44. 64 p. 1945. 100 N46S  
New Mexico Agricultural Experiment Station, State College
- 9715 EVANS, M. New Mexico dry-farming areas. N. Mex. Agr. Expt. Sta. B. 320, 34 p. 1945. 100 N46S
- 9716 KNOX, J. H., and KOGER, M. Effect of age on the weight and production of range cows. N. Mex. Agr. Expt. Sta. Press B. 1004, 5 p., processed. 1945. 100 N46S
- 9717 NELSON, D. H. Avoiding bloat on alfalfa pasture. N. Mex. Agr. Expt. Sta. Press B. 1005, 2 p., processed. 1945. 100 N46S
- 9718 LEDING, A. R. Cottonseed meal as a fertilizer for cotton. N. Mex. Agr. Expt. Sta. Press B. 1006, 2 p., processed. 1945. 100 N46S  
New York (Cornell) Agricultural Experiment Station, Ithaca
- 9719 BIZZELL, J. A., and LELAND, E. W. Sodium nitrate as a supplement to farm manure and red clover. N. Y. (Cornell) Agr. Expt. Sta. B. 817, 8 p. 1945. 100 N48C
- 9720 WILSON, J. K. The symbiotic performance of isolates from soybean with species of *Crotalaria* and certain other plants. N. Y. (Cornell) Agr. Expt. Sta. Mem. 267, 20 p. 1945. Ref., p. 18-20. 100 N48C
- 9721 CURTISS, W. M. Why the meat shortage? 4 p., processed. N. Y. (Cornell) Agr. Expt. Sta., 1945. 50 N482  
New York (State) Agricultural Experiment Station, Geneva
- 9722 SUIT, R. F. Control of spur blight of red raspberries. N. Y. (State) Agr. Expt. Sta. B. 710, 14 p. 1945. 100 N48  
North Carolina Agricultural Experiment Station, State College Station, Raleigh
- 9723 FERTILIZER recommendations for North Carolina, 1944-1945. N. C. Agr. Expt. Sta. Agron. Inform. C. 138, 8 p., processed. 1944. 100 N81A
- 9724 KRANTZ, B. A. Corn fertilization studies in 1944: a progress report. N. C. Agr. Expt. Sta. Agron. Inform. C. 139, 11 p., processed. 1945. 100 N81A
- 9725 WOODHOUSE, W. W., Jr. Use of T. V. A. phosphates and limestone on permanent pastures. N. C. Agr. Expt. Sta. Agron. Inform. C. 140, 11 p., processed. 1945. 100 N81A
- 9726 RESEARCH and farming, v. 3, Prog. Rpt. No. 2, 12 p. Jan. 1945. 100 N81R  
North Dakota Agricultural Experiment Station, State College Station, Fargo
- 9727 BIMONTHLY bulletin, v. 7, No. 5, 29 p. May/June 1945. 100 N813B  
Ohio Agricultural Experiment Station, Wooster
- 9728 YODER, R. E. Soil management as related to sugar beet production. Ohio. Agr. Expt. Sta. Agron. Mimeog. 93, 12 p. 1944. 100 Oh32  
Oklahoma Agricultural Experiment Station, Stillwater
- 9729 COX, M. B. High-lift power buck rake. Okla. Agr. Expt. Sta. B. 280, 11 p. 1944. 100 Ok4
- 9730 CORDNER, H. B., and ROMSHE, F. A. The Oklahoma Vegetable Research Station at Bixby: progress report, 1945. Okla. Agr. Expt. Sta. Mimeog. C. M-146, 10 p. 1945. 100 Ok4M
- 9731 CURRENT farm economics, v. 18, No. 2, p. 27-38. Apr. 1945. 100 Ok4  
Oregon Agricultural Experiment Station, Corvallis
- 9732 MORSE, R. W., MUTH, O. H., and WILSTER, G. H. Brucellosis (undulant fever): the relation of the disease to dairy products; review of scientific data. 71 p., processed. Oreg. Agr. Expt. Sta., 1945. 100 Or3B  
Pennsylvania Agricultural Experiment Station, State College
- 9733 SCIENCE for the farmer: 57th annual report of the Pennsylvania Agricultural Experiment Station for the fiscal year ended June 30, 1944. Pa. Agr. Expt. Sta. B. 464, sup. 3, 10 p. 1945. 100 P381  
South Carolina Agricultural Experiment Station, Clemson
- 9734 AULL, G. H., and STEPP, J. M. The postwar economic outlook in an agricultural-industrial area. S. C. Agr. Expt. Sta. B. 355, 43 p. 1945. 100 So8
- 9735 EDWARDS, A. D. Population in relation to resources and employment opportunities in South Carolina. S. C. Agr. Expt. Sta. B. 358, 62 p. 1945. 100 So8  
South Dakota Agricultural Experiment Station, Brookings
- 9736 PUHR, L. F. Soil changes as influenced by cropping and fertilizer treatment. S. Dak. Agr. Expt. Sta. Tech. B. 4, 13 p. 1945. 100 So82
- 9737 SEARIGHT, W. V., and MOXON, A. L. Selenium in glacial and associated deposits. S. Dak. Agr. Expt. Sta. Tech. B. 5, 33 p. 1945. 100 So82  
Tennessee Agricultural Experiment Station, Knoxville
- 9738 MOOMERS, C. A. Nitrate of soda as a fertilizer for corn. Tenn. Agr. Expt. Sta. B. 196, 16 p. 1945. 100 T25S
- 9739 HINTON, S. A., WYLIE, C. E., and SHUEY, G. A. Legume silage for dairy cows. Tenn. Agr. Expt. Sta. C. 89, 2 p. May 1945. 100 T25S
- 9740 HARRISON, T. B., and ROBERTS, W. M. Matting of cottage cheese. Tenn. Agr. Expt. Sta. C. 90, 2 p. 1945. 100 T25S



Texas Agricultural Experiment Station, State College

8741 MORTENSEN, E. Clipping experiments with small grain varieties, 1944-45, at Winter Haven, Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 950, 3 p., processed. 1945. 100 T31P

8742 AGRICULTURAL production, Texas, 1945. 119 p., processed. Tex. Agr. Expt. Sta., 1944. 281.083 T313

U. S. Bureau of Agricultural Economics cooperating.

Utah Agricultural Experiment Station, Logan

8743 COE, F. M. List of fruit varieties recommended for Utah orchards and gardens. Utah. Agr. Expt. Sta. Mimeog. Ser. 319, 3 p. 1945. 100 Utlm1

Vermont Agricultural Experiment Station, Burlington

8744 LUTMAN, B. F. Actinomycetes in various parts of the potato and other plants. Vt. Agr. Expt. Sta. B. 522, 72 p. 1945. Ref., p. 69-72. 100 V59

8745 MIDGLEY, A. R., and DUNKLEE, D. E. Fertility runoff losses from manure spread during the winter. Vt. Agr. Expt. Sta. B. 523, 19 p. 1945. 100 V59

8746 ADAMS, T. M. Factors affecting farm fire losses in Vermont. Vt. Agr. Expt. Sta. B. 524, 27 p. 1945. 100 V59

Virginia Agricultural Experiment Station, Blacksburg

8747 LOVE, H. M. Financing truck crops in three eastern Virginia counties. Va. Agr. Expt. Sta. B. 369, 35 p. 1945. 100 V81S

Washington Agricultural Experiment Station, Pullman

8748 LANDIS, P. H., and DAY, K. H. Farm and small town workers in metropolitan war industry: a sociological study of war migrants in Spokane, Washington. Wash. Agr. Expt. Sta. B. 460, 39 p. 1945. 100 W27E

8749 BENDIXEN, H. A., and SMITH, L. J. Approved milking parlors for the State of Washington. Wash. Agr. Expt. Sta. B. 461, 39 p. 1945. 100 W27E

West Virginia Agricultural Experiment Station, Morgantown

8750 LEONIAN, L. H., and LILLY, V. G. The comparative value of different test organisms in the microbiological assay of B vitamins. W. Va. Agr. Expt. Sta. B. 319, 35 p. 1945. Ref., p. 34-35. 100 W52

Wyoming Agricultural Experiment Station, Laramie

8751 RIEDL, W. A., and HARRISON, L. R. The control of psyllids [Paratrioza cockerelli] and flea beetles [Epitrix tuberis] on potatoes. Wyo. Agr. Expt. Sta. B. 271, 29 p. 1945. Ref., p. 25-26. 100 W99

Psyllid yellows of potato.



STATE AGRICULTURAL EXTENSION SERVICE PUBLICATIONS

Includes State Agricultural Extension Service publications received in the library during the preceding month. Articles in Extension periodicals containing more than one article in an issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Extension Services are not available from the U. S. Department of Agriculture but are often available from the publishing State Extension Service.

Mimeographed or processed material issued by the State Agricultural Extension Services is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Arizona University, College of Agriculture, Agricultural Extension Service, Tucson

9752 POWERS, H. B. Date production in Arizona. Ariz. Agr. Col. Ext. C. 125, 28 p. 1945. 275.29 Ar42

9753 SMITH, H. V., and SMITH, M. C. Prevent mottled teeth; the fluorine story. Ariz. Agr. Col. Ext. Folder W-43, 6 p. 1945. 275.29 Ar42Ext

Arkansas University, College of Agriculture, Agricultural Extension Service, Little Rock

9754 RAMBO, E. K., and ALLEN, E. J. Inexpensive methods for storing fruits and vegetables. Ark. Agr. Col. Ext. Plan Ser. 3, rev., 5 p. 1945. 275.29 Ar4Fo

California University, College of Agriculture, Agricultural Extension Service, Berkeley

9755 HOW TO pick apples. Calif. Agr. Col. Ext. Emergency Farm Labor Leaflet 5, 4 p. 1945. 275.29 C12Em

9756 HOW TO cut and spread apricots for drying. Calif. Agr. Col. Ext. Emergency Farm Labor Leaflet 12, 4 p. 1945. 275.29 C12Em

9757 HOW TO cut and spread pears for drying. Calif. Agr. Col. Ext. Emergency Farm Labor Leaflet 13, 4 p. 1945. 275.29 C12Em

9758 HOW TO pack pears. Calif. Agr. Col. Ext. Emergency Farm Labor Leaflet 14, 4 p. 1945. 275.29 C12Em

Florida University, College of Agriculture, Agricultural Extension Service, Gainesville

9759 1944 REPORT Florida Agricultural Extension Service. 74 p. Fla. Agr. Col. Ext., 1945? 275.29 F66A

Georgia University, College of Agriculture, Agricultural Extension Service, Athens

9760 4-H CLUB mammal: game and fish. Ga. Agr. Col. Ext. B. 514, 25 p. 1944. 275.29 G29B

9761 BROACH, R. T. 4-H canning mammal, first year. Ga. Agr. Col. Ext. B. 517, 12 p. 1945. 275.29 G29B

9762 FIROR, G. H. Fruit growing for local demands and family needs. Ga. Agr. Col. Ext. B. 518, 23 p. 1945. 275.29 G29B

9763 BROACH, R. T. 4-H canning mammal, second year. Ga. Agr. Col. Ext. B. 519, 16 p. 1945. 275.29 G29B

9764 MATHEWS, S. 4-H food preparation mammal, first year. Ga. Agr. Col. Ext. B. 520, 12 p. 1945. 275.29 G29B

9765 BROACH, R. T. 4-H canning mammal, third year. Ga. Agr. Col. Ext. B. 521, 12 p. 1945. 275.29 G29B

9766 BROACH, R. T. 4-H canning mammal, fourth year. Ga. Agr. Col. Ext. B. 522, 10 p. 1945. 275.29 G29B

9767 GANNON, A. Poultry diseases and parasites common in Georgia. Ga. Agr. Col. Ext. B. 524, 28 p. 1945. 275.29 G29B

9768 WHAT'S this farm worth? How can I determine the real value of a farm? Ga. Agr. Col. Ext. C. 332, 6 p. 1945. 275.29 G29C

Hawaii University, Agricultural Extension Service, Honolulu

9769 THE RABBIT hutch and its equipment. Hawaii. U. Agr. Ext. C. 175, 8 p., processed. 1945. 275.29 H312Ac

9770 1944 SUMMARY of fruit and vegetable unloads at Honolulu; origin of 1944 Honolulu fruit and vegetable receipts. Hawaii. U. Agr. Ext. C. 176, 29 p., processed. 1945. 275.29 H312Ac  
Includes imports for 1941-1944.

9771 ELLIOTT, R. Hawaii commercial crop valuations, 1944 and 1943. Hawaii. U. Agr. Ext. Statis. Memo. 1, 4 p., processed. 1945. 275.29 H312S

9772 ELLIOTT, R. Summary of diversified crop and livestock farms in Hawaii, based on Extension Service reports and Office of Food Production census, January, 1945. Hawaii. U. Agr. Ext. Statis. Memo. 2, 2 p., processed. 1945. 275.29 H312S

Idaho University, College of Agriculture, Extension Service, Moscow

9773 WARREN, D. E. 4-H Club demonstrations. Idaho. Agr. Col. Ext. B. 149, 12 p. 1944. 275.29 Id13

Revision of Idaho Ext. C. 29.

Illinois University, College of Agriculture, Extension Service, Urbana

9774 SHAWL, R. I. Homemade power cutters for weeds and grass. Ill. Agr. Col. Ext. C. 591, 8 p. 1945. 275.29 I162C

9775 ALP, H. H. Early-laying pullets. Ill. Agr. Col. Ext. AHI530 (Monthly Poultry Suggestions, July 1945), 4 p., processed. 1945. 275.29 I162Pmo

9776 ILLINOIS farm and home outlook for 1945. Ill. Agr. Col. Ext. FFI4, 8 p. 1944. 275.29 I162Pfa

Indiana - Purdue University, Agricultural Extension Service, Lafayette

9777 ENFIELD, G. H. Summary of 1944 plow sole fertilizer demonstrations. Purdue U. Agr. Ext. Agron. Mimeog. 63, 7 p. 1945. 100 In2Agr

9778 INDIANA summary 1944 corn demonstrations conducted by county agents and farmers cooperating with Agronomy Extension Division. Purdue U. Agr. Ext. Agron. Mimeog. 64, 3 p. 1945. 100 In2Agr

9779 MUNG beans. Purdue. U. Agr. Ext. Agron. Mimeog. 65, 1 p. 1945? 100 In2Agr

9780 BUCKWHEAT. Purdue. U. Agr. Ext. Agron. Mimeog. 66, 2 p. 1943? 100 In2Agr

9781 YELLOW trefoil or black medic or none such (Medicago lupulina); hop clover (Trifolium procumbens). Purdue U. Agr. Ext. Agron. Mimeog. 68, 1 p. 1945? 100 In2Agr

9782 HAY, CASE or pasture crops for delayed seeding. Purdue. U. Agr. Ext. Agron. Mimeog. 69, 8 p. 1945? 100 In2Agr

9783 VETCH. Purdue. U. Agr. Ext. Agron. Mimeog. 70, 1 p. 1945? 100 In2Agr

9784 SCHWAB, J. How to handle the brood sow and her litter. Purdue. U. Agr. Ext. B. 65, 7th rev., 8 p. 1945. 275.29 In2E



9785 DAVIS, J. J. Insects affecting farm animals. Purdue. U. Agr. Ext. B. 105, 4th rev., 8 p. 1945. 275.29 In2E

9786 WARD, W. B., and AMICK, W. R. 4-H Club garden manual. Purdue. U. Agr. Ext. B. 227, 2d rev., 19 p. 1944. 275.29 In2E

9787 THE LIVESTOCK and meat situation. Purdue. U. Agr. Ext. Econ. Inform. for Ind. Farmers, No. 28, 4 p. 1945. 275.29 In2Ec

9788 SCHWAB, J. W. How to grow thrifty spring pigs. Purdue. U. Agr. Ext. Leaflet 208, 4th rev., 6 p. 1945. 275.29 In2L

9789 BIG WHEAT yields [by liberal use of fertilizer]. Purdue. U. Agr. Ext. Leaflet 270, 6 p. 1945. 275.29 In2L

Indiana. Agricultural Experiment Station cooperating.

Kansas State College of Agriculture and Applied Science, Extension Service, Manhattan

9790 CLAYBAUGH, J. H., and SEATON, M. A. How to select good layers. Kans. State Col. Agr. Ext. C. 177, 4 p. 1944. 275.29 K13Ex

Originally published by Nebraska Extension Service as Ext. C. 1416.

9791 PETERSEN, W. E. Faster milking. Kans. State Col. Agr. Ext. C. 178, 4 p. 1945. 275.29 K13Ex

Originally published by Minnesota Agricultural Extension Service as Ext. Folder 119.

9792 MONTGOMERY, G. The feed outlook [1944-45]. Kans. State Col. Agr. Ext., Nov. 1, 1944, 6 p., processed. 1944. 275.29 K13Fe

Kentucky University, College of Agriculture and Home Economics, Extension Service, Lexington

9793 ANNUAL report of the Director of Agricultural Extension, Kentucky, 1944. Ky. Agr. Col. Ext. C. 405, 40 p. 1945. 275.29 K415

9794 SURVANT, W. G. Soil conservation practices for Kentucky farms. Ky. Agr. Col. Ext. Leaflet 91, 8 p. 1945. 275.29 K415Le

9795 BYERS, G. B., YOUNG, E. R., and PINNEY, P. M. Easier ways to do farm work; how to save time in priming burley tobacco. Ky. Agr. Col. Ext. Leaflet 92, 8 p. 1945. 275.29 K415Le

9796 PROCTOR, R. E., and NESIUS, E. J. Mechanical devices and short cuts for saving labor. 7 p., processed. Ky. Agr. Col. Ext., 1943. 275.2 K41M

Massachusetts State College, Extension Service, Amherst

9797 LIST of publications, Extension Service, Massachusetts State College, Amherst, Massachusetts. Mass. State Col. Ext. Leaflet 104 [rev.], 8 p. 1945. 275.29 M381L

9798 CREEK, C. R., and HAUCK, J. F. Improving land the modern way [clearing]. Mass. State Col. Ext. Spec. C. 122, 8 p. 1945. 275.29 M381Sc

Examples are given of costs per acre and of charges per hour for heavy machinery.

Minnesota University, Department of Agriculture, Division of Agricultural Extension, University Farm, St. Paul

9799 FOBES, M., and MILLER, M. M. 4-H home furnishing helps. Minn. U. Agr. Ext. 4-H B. 33, 8 p. 1945. 275.29 M662M

Includes directions for making furniture at home.

9800 MILLER, M. M. Physical fitness for the home and farm. Minn. U. Agr. Ext. Home Demon. Leaflet 6, 6 p. 1944. 275.29 M66H

9801 MILLER, M. M. Managing the home with ease and satisfaction. Minn. U. Agr. Ext. Home Demon. Leaflet 7, 6 p. 1944. 275.29 M66H

9802 CALDWELL, A. C. Flowing under fertilizer for crops in Minnesota. Minn. U. Agr. Ext. Soil Ser. No. 11, 3 p., processed. 1945. 275.29 M66So

Flow-under trials conducted by the Division of Soils, University of Minnesota.

Mississippi State College, Extension Service, State College

9803 ANNUAL report Mississippi Extension Service, 1944. Miss. State Col. Ext. B. 133, 68 p. 1945. 275.29 M68

9804 GROW your own garden in 1945 for victory. Miss. State Col. Ext. [Poster 12], 1 p. 1945. 275.29 M68Exp

9805 VICTORY gardens. Miss. State Col. Ext. [Poster 13], 1 p. 1945? 275.29 M68Exp

Missouri University, College of Agriculture, Agricultural Extension Service, Columbia

9806 PAULLING, J. R. Johnson grass as a weed in Missouri. Mo. Agr. Col. Ext. C. 517, 4 p. 1945. 275.29 M69C

9807 FITZGERALD, M., and WOODRUFF, L. Care of kerosene cook stoves. Mo. Agr. Col. Ext. C. 518, 10 p. 1945. 275.29 M69C

Montana State College, Extension Service, Bozeman

9808 TRETSVEN, J. O., and MERCER, R. D. Montana's 8-point national milk production program, 1944. 10 p. Mont. State Col. Agr. Ext., 1944? 275.2 M76Ma

Nebraska University, College of Agriculture, Agricultural Extension Service, Lincoln

9809 LOEFFEL, W. J. Hog slaughtering and pork cutting. Nebr. Agr. Col. Ext. C. 247, 31 p. 1943. 275.29 N272Ex

9810 REDDITT, J. R., and CLAYBAUGH, J. H. Emergency brooding. Nebr. Agr. Col. Ext. C. 1483, 4 p., processed. 1943. 275.29 N272Ex

Suggestions on care of chicks; plans for home-made electric brooders.

9811 STANEK, M. Christmas cookies. Nebr. Agr. Col. Ext. C. 9962, 6 p., processed. 1943. 275.29 N272Ex

9812 LARSEN, L. F., and FITTS, W. Improved methods of applying ammonium nitrate. Nebr. Agr. Col. Ext. Inform. Ser. 24, 5 p., processed. 1945. 275.29 N272Age

New Jersey State College of Agriculture and Mechanic Arts, Extension Service, Rutgers University, New Brunswick

9813 FARNHAM, R. B. Managing and harvesting the 4-H home garden. N. J. Agr. Col. Ext. 4-H Gard. C. 3, 4 p. 1945. 275.29 N46Fg

New York State College of Agriculture and Home Economics, Extension Service, Cornell University, Ithaca

9814 CUNNINGHAM, L. C. Mid-July feed prospects. 3 p., processed. N. Y. (Cornell) Agr. Col. Ext., Cornell Feed Serv., July 1945. 275.29 N48Cf

North Carolina University, State College of Agriculture and Engineering, Extension Service, State College Station, Raleigh

9815 BRADY, D. E., and WEAVER, D. S. Recommendations for freezer-locker plants. N. C. Agr. Col. Ext. C. 282, 14 p. 1945. 275.29 N811

9816 GREENE, R. E. L., JAMES, E. B., and SHOFFNER, R. W. Selecting a farm in North Carolina. N. C. Agr. Col. Ext. C. 283, 28 p. 1945. 275.29 N811



Ohio State University, College of Agriculture, Agricultural Extension Service, Columbus

9817 MCLINTOCK, M. W. Clothing conservation [for 4-H Clubs]. Ohio. Agr. Col. Ext. 4-H C. 132, 8 p. 1943. 275.29 Oh322

9818 HOME labor helps for all girls carrying 4-H victory projects. Ohio. Agr. Col. Ext. 4-H C. 135, 16 p. 1943. 275.29 Oh322

Oregon State College, Federal Cooperative Extension Service, Corvallis

9819 BREITHAUPT, L. R. Economic farm units in Oregon. Oreg. State Col. Ext. C. 443, 3 p., processed. 1944. 275.29 Or32C

9820 BREITHAUPT, L. R. The evaluation of farm land. Oreg. State Col. Ext. C. 444, 5 p., processed. 1944. 275.29 Or32C

9821 COWNER-SAMPLER herd record book. Oreg. State Col. Ext. C. 445, 20 p. 1945. 275.29 Or32C

9822 WALKER, C. Power buck rakes. Oreg. State Col. Ext. C. 446, 6 p., processed. 1945. 275.29 Or32C

9823 WALKER, C., and LUNDE, R. N. A tractor-mouthed post-hole auger. Oreg. State Col. Ext. C. 447, 4 p., processed. 1945. 275.29 Or32C

9824 BOUQUET, A. G. B. Sweet corn growing for market and manufacture. Oreg. State Col. Ext. C. 448, 8 p., processed. 1945. 275.29 Or32C

Revision of C. 344.

9825 WALKER, C. Tractor-mouthed mamre loader. Oreg. State Col. Ext. C. 449, 4 p., processed. 1945. 275.29 Or32C

9826 WALKER, C. An electric drag saw. Oreg. State Col. Ext. C. 450, 2 p., processed. 1945. 275.29 Or32C

9827 BOUQUET, A. G. B. Growing green peas for market and manufacture. Oreg. State Col. Ext. C. 451, 8 p., processed. 1945. 275.29 Or32C

Revision of C. 247.

9828 FAMILY fun and good times. Oreg. State Col. Ext. H. E. 1566, 8 p., processed. 1945. 275.29 Or323H

9829 CASE, L. A. The use of meat extenders and meat substitutes; guide sheet for project leaders. Oreg. State Col. Ext. H. E. 1782, 4 p., processed. 1943. 275.29 Or323H

9830 CASE, L. A. The packed lunch; guide sheet for project leaders. Oreg. State Col. Ext. H. E. 1785, 3 p., processed. 1943. 275.29 Or323H

9831 OLIVER, A. W., and CASE, L. A. Preservation of meat by curing; guide sheet for project leaders. Oreg. State Col. Ext. H. E. 1786, 2 p., processed. 1943. 275.29 Or323H

9832 LUTZ, L. A. Meeting health emergencies in the home, I; plan of Demonstration I for project leaders. Oreg. State Col. Ext. H. E. 1788, 4 p., processed. 1943. 275.29 Or323H

9833 CASE, L. A. Wartime uses of winter vegetables, vegetable cookery VII; guide sheet for project leaders. Oreg. State Col. Ext. H. E. 1792, 3 p. 1943. 275.29 Or323H

9834 CASE, L. A. Keeping fit with vitamin C. Oreg. State Col. Ext. HE 1798, 15 p., processed. 1943. 275.29 Or323H

Includes menus and recipes.

9835 LANE, L. Sewing short cuts; project leader guide sheet. Oreg. State Col. Ext. H. E. 1799, 3 p., processed. 1943. 275.29 Or323H

9836 LETTERS on infant care, from the home demonstration agent. 2 Nos. Oreg. State Col. Ext. H. E. 1814, 1828, processed. 1944. 275.29 Or323H

9837 [LETTERS on child care] from the home demonstration agent. 3 Nos. Oreg. State Col. Ext. H. E. 1815-1817, processed. 1944. 275.29 Or323H

9838 LETTERS on prenatal care, from the home demonstration agent. 4 Nos. Oreg. State Col. Ext. H. E. 1822-1825, processed. 1944. 275.29 Or323H

Puerto Rico University, College of Agriculture, Extension Service, Rio Piedras

9839 GAZTAMBIDE, J. B. Semilleros de arboles forestales. Puerto Rico. Agr. Col. Ext. Inform. C. 51, 3 p., processed. 1944. 275.29 P96C

9840 COMO matar el comejen. Puerto Rico. Agr. Col. Ext. Inform. C. 53, 1 p., processed. 1944. 275.29 P96C

9841 GAZTAMBIDE, J. B. El bambú y su utilidad en la finca. Puerto Rico. Agr. Col. Ext. Inform. C. 60, 3 p., processed. 1944. 275.29 P96C

South Carolina, Clemson Agricultural College, Extension Service, Clemson

9842 CRAVEN, W. H. Lespedeza, [culture, harvesting, and feeding value]. Clemson Agr. Col. S. C. Ext. C. 271, 8 p. 1945. 275.29 So8E

South Dakota State College of Agriculture, Extension Service, Brookings

9843 WILSON, A. M., KELLOGG, M., and IVORY, B. Preserving fruits, vegetables and poultry by freezing. S. Dak. State Col. Agr. Ext. War Food Ser. 6, 7 p. 1945. 275.29 So85W

Tennessee University, College of Agriculture, Agricultural Extension Service, Knoxville

9844 GOWDER, M. T. Farm machinery adjustments, field maintenance and storage. Tenn. Agr. Col. Ext. P. 286, 43 p. 1945. 275.29 T25

Texas Agricultural and Mechanical College, Agricultural Extension Service, College Station

9845 JOHNSTON, H. G. Are your cattle grubby? Don't let cattle grubs [Hypoderma] rob you of beef, milk, leather, and profits. Tex. Agr. Col. Ext. C-218, 4 p. 1944. 275.29 T312C

9846 CAMP, J. Your 1945 home food program. Tex. Agr. Col. Ext. C-219, 8 p. 1945. 275.29 T312C

9847 RAMBO, E. K. Homemade fertilizer spreaders. Tex. Agr. Col. Ext. C-220, 4 p. 1945. 275.29 T312C

9848 LEVERENZ, W. J., and WILLIAMS, O. B. Prevent spoilage and poor quality in home canned foods. Tex. Agr. Col. Ext. C-221, 16 p. 1945. 275.29 T312C

9849 LEVERENZ, W. J. Can vegetables in a pressure canner. Tex. Agr. Col. Ext. C-223, 9 p. 1945. 275.29 T312C

Washington State College, Extension Service, Pullman

9850 TURKEY raising in Washington. Wash. State Col. Ext. B. 325 (Poultry Pointers No. 16, rev.), 18 p. 1945. 275.29 W27P

West Virginia University, College of Agriculture, Agricultural Extension Service, Morgantown

9851 FRIANT, R. J. Alfalfa growing in West Virginia. W. Va. Agr. Col. Ext. C. 312, rev., 20 p. 1945. 275.29 W522C

9852 FRIANT, R. J. On the farm and home front, quality hay saves grain. W. Va. Agr. Col. Ext. C. W520, 8 p. 1944. 100 W52C

Wisconsin University, College of Agriculture, Agricultural Extension Service, Madison

9853 THE LIVESTOCK and meat situation. Wis. Agr. Col. Ext. Econ. Inform. for Wis. Farmers, v. 26, No. 3-4, 8 p. 1945. 275.29 W75Ec

Wyoming University, College of Agriculture, Agricultural Extension Service, Laramie

9854 EDMONDSON, W. O. The well landscaped farm or ranch home in Wyoming. Wyo. Agr. Col. Ext. C. 88, 40 p. 1945. 275.29 W99C



## BOOKS AND PAMPHLETS

Includes books and pamphlets on agriculture and closely related subjects, except war-restricted publications, not included in the foregoing sections which have been added to the library during the preceding month. Numbered serial publications are listed in the section on Periodical and Serial Literature.

## AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

9855 \*ALLAN, R. G. An outline of Indian agriculture. 172 p. Baroda, India, Baroda State Press, 1941. 34.2 AL5

9856 AMERICAN HISTORICAL ASSOCIATION. HISTORICAL SERVICE BOARD. Why co-ops? What are they? How do they work? 38 p. Madison, Wis., U. S. Armed Forces Inst., 1944. (U. S. War Dept. Ed. Manual EM23. GI Roundtable) 280.2 Am33

Includes farmers' marketing and purchasing cooperatives.

9857 BATEMAN, M. E. Whose world. 25 p. N. Y., World Ideas, 1944. 282 B31

Ownership and monopoly of land and other resources in various countries of the world.

9858 BEER, K. E., ed. UNRRA in action; United Nations help one another. 94 p. N. Y., Inter-Allied Pubs., 1945. 280.9 Un39Una

9859 \*BELGIUM. MINISTÈRE DE L'AGRICULTURE ET DU RAVITAILLEMENT. Recensement agricole et horticole au 15 mai 1944. 135 p. Bruxelles, Office Central de Statistique, 1944. 258 St22Ra

Ministère des Affaires Économiques cooperating.

9860 HEVERIDGE, W. H. Full employment in a free society; a report. 429 p. London, Allen & Unwin, 1945. 283 B46F

Reference is made to the need for planning in agriculture and the probability of agriculture's being at the root of the trade cycle.

9861 BEYNON, V. H. Report on methods and costs of production of some vegetable crops in S. E. Carmarthen & the Gower Peninsula. 34 p., processed. Aberystwyth, Dept. Agr. Econ., U. Col. of Wales, 1944. 281.391 Un3R

9862 BOCHENSKI, F. The economic structure of Poland. 20 p. Birkenhead, Eng., Polish Pub. Com., 1944. 280.177 B63

Includes the land reform.

9863 BRANDT, K. A public farm land appraisal service, its desirability and practicability. (Abs.) 11 p., processed. n. p., 1945. 282.12 B734

9864 \*BRIZI, A. Aspetti e redditi del lavoro agricolo. 173 p. Firenze, Barbèra, 1942. (Accademia dei Georgofili, Florence. Biblioteca di Coltura per i Rurali, v. 10) 283 B772

9865 BURCH, G. I., and PENDELL, E. Population roads to peace or war; foreword and postscript by W. B. Pitkin. 138 p. Washington, D. C., Population Ref. Bur., 1945. 280 B894

Includes population pressure in relation to soil conservation and available land.

9866 CALIFORNIA. STATE CHAMBER OF COMMERCE. RESEARCH DEPT. Individual incomes of civilian residents of California by counties, 1939-1944. 15 p., processed. n. p., 1945. 284 C126I

Agricultural proprietors are included.

9867 COLLINS, J. M. Thirty-three families join in two co-operative farms. 6 p., processed. n. p., n. d. 280.2 C69

Bois d'Arc and Hillview Corporations in Pettis Co., Mo.

9868 COLOMBIAN-AMERICAN CHAMBER OF COMMERCE. Colombia, economic aspects, 1945, present and future. 35 p. N. Y., 1944. 280.165 C71

Contains material on agriculture.

9869 COMMITTEE FOR ECONOMIC DEVELOPMENT. AGRICULTURAL COMMUNITIES COMMITTEE. Postwar jobs and growth in small communities. 15 p. N. Y., 1944. 280.12 C7373

\*Preliminary draft.

9870 CONNECTICUT. POST-WAR PLANNING BOARD. Post-war Connecticut; interim report. 90, 66 p. Hartford, 1944. 280.7 C763

Rural life and agriculture, p. 54-69.

9871 CONOVER, H. F. China; a selected list of references on contemporary economic and industrial development, with special emphasis on post-war reconstruction. 102 p., processed. Washington, Gen. Ref. and Bibliog. Div., U. S. Libr. of Cong., 1945. 241.3 Un3Cp

Contains sections on agriculture and food supply.

9872 CRESSEY, G. B. The basis of Soviet strength. 287 p. N. Y., McGraw-Hill, 1945. 278.179 C86

Suggested Readings, p. 253-264.

Contains sections dealing with population, climate, and agriculture.

9873 DALLIN, D. J. The real Soviet Russia; translated by Joseph Shaplin. 260 p. New Haven, Yale U. Press, 1945. Ref., p. 251-256. 280.179 D16R Ch. X, The Peasantry, deals with agriculture and collective farming.

9874 DEHAAS, J. A. International cartels in the postwar world. 52 p. N. Y., Amer. Enterprise Assoc., 1944. (Nat'l. Econ. Probl., No. 404) 286 D362

Includes control of raw materials.

9875 FINLAY, I. Scotland. 136 p. London, Oxford U. Press, 1945. 131 F49

Books on Scotland, p. 131-132.

Includes the following subjects: land tenure, p. 59; the textile industry, p. 82-85; and agriculture, p. 87-90.

9876 GREAT BRITAIN. MINISTRY OF HEALTH. Local government in England and Wales during the period of reconstruction. 19 p. London, 1945. (Ht. Brit. Parliament. Papers by Command Cmd. 6579) 280.171 G7932L

9877 HARKNESS, D. A. E. A tract on agricultural policy. 82 p. London, King and Staples, 1945. 281.171 H22T

9878 HOUCK, H. Post-war planning (basic information sources). 27 p., processed. Washington, U. S. Bur. of Foreign and Dom. Com., 1944. 157.55 P842

Includes source material for agricultural programs.

9879 \*INDIA. COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH. RECONSTRUCTION COMMITTEE. Second report on reconstruction planning. 57 p. n. p., n. d. 280.9 In262

Includes development policy with respect to food and agriculture.

9880 \*KHAN, I. Technique of agricultural propaganda. 143 p. Lucknow, Upper India Pub. House Ltd., 1940. 34.2 K52

Ways of educating and advising the farmer.

9881 KIMMEL, L. H., LEE, A. L., and MARONEY, M. Postwar fiscal requirements, Federal, State, and local. 166 p. Washington, D. C., Brookings Inst., 1945. 284 K572

Discusses expenditures for agriculture, including measures to raise farm income and support prices.

9882 LABOUR RESEARCH DEPT. Land and land owners; a study of the social basis and immediate policies and proposals relating to land and reconstruction. 45 p. London, 1944. 282.171 L11

9883 LIPSON, E. A planned economy or free enterprise; the lessons of history. 318 p. London, Black, 1944. 280.171 L66

Includes agriculture in the planned economy.

9884 \*NARAYANASWAMY, B. V., and NARASIMHAN, P. S. The economics of Indian agriculture. Part II. 644 p. Madras, Rochouse, 1944. 281.182 N16

Chapters on farming methods, irrigation, subdivision and fragmentation of holdings, agricultural equipment, rural industries, marketing, and land tenures.

9885 NATIONAL COMMITTEE ON HOUSING. Your stake in community planning. 27 p. N. Y., 1944. 98.5 N212



- 9886 OXFORD UNIVERSITY. AGRICULTURAL ECONOMICS RESEARCH INSTITUTE. Country planning; a study of rural problems. 288 p. London, Oxford U. Press, 1945. 98.5 Ox2
- 9887 PELZER, K. J. Pioneer settlement in the Asiatic tropics; studies in land utilization and agricultural colonization in southeastern Asia. 290 p. N. Y., Amer. Geog. Soc., 1945. Ref., p. 269-280. (Amer. Geog. Soc. Spec. P. 29) 282.2 P36  
Secretariat of the Institute of Pacific Relations cooperating.
- 9888 PUERTO RICO. UNIVERSITY. Special report submitted to the Superior Educational Council at its January, 1945 meeting by the chancellor, on the development of the university from September, 1942 to January, 1945. 139 p., processed. Río Piedras, P. R., 1945. 276 P96Sp  
College of Agriculture and Mechanical Arts, p. 53-60; Appendix I: The field of home economics in Puerto Rico, by L. J. Roberts, p. i-xv.
- 9889 RENNIE, I. F. The Argentine Republic. 431 p. N. Y., Macmillan, 1945. Ref., p. 406-419. 134 B29  
Contains chapters on land and agriculture.
- 9890 SCHAPERA, I. Native land tenure in the Bechuanaland Protectorate. 283 p. Lovedale, So. Africa, Lovedale Press, 1943. 282.193 Schl
- 9891 \*SIE, W. C. Nung yen ho tsou pu cni [Agricultural cooperative bookkeeping]. 135 p. Chungking, Chen Chun Book Co., 1945. 30.6 S11
- 9892 SMITH, J. H. Farm costs of hired labour in Wales during 1943-4. 10 p., processed. Aberystwyth, Dept. Agr. Econ., U. Col. of Wales, 1945. 283 Un322A
- 9893 SOUTH CAROLINA. UNIVERSITY, COLUMBIA. South Carolina: economic and social conditions in 1944. 239 p. Columbia, U. of South Carolina Press, 1945. (S. C. U. P. Ser. 1, Soc. Sci., v. 1) 280.9 So89  
References at end of most chapters.  
Partial contents: Population, by J. J. Petty, p. 28-49 (includes rural population); Income and savings, by G. McCutchen, p. 70-97 (includes income from agriculture); Agriculture, by A. G. Smith, Sr., p. 98-140.
- 9894 STEPHENSON, F., and POOL, P. A plan for town and country; foreword by Dr. Julian Huxley. 60 p. London, Pilot Press, 1944. (Target for Tomorrow, No. 2) 98.5 St4
- 9895 SYKES, F. This farming business. 165 p. London, Faber, 1944. 32 Sy4  
British agriculture.
- 9896 THAKURDAS, SIR P. Memorandum outlining a plan of economic development for India. 63 p. Harmondsworth, Middlesex, Eng., Penguin Books, 1944. 280.182 T32  
Published also under titles: The "Bombay Plan" for India's Economic Development and A Brief Memorandum Outlining a Plan of Economic Development for India.  
Includes a program for agricultural development.
- 9897 THOMAS, W. J. Costs of production of cereals, roots and forage crops on Welsh farms in 1942. 54 p., processed. Aberystwyth, Dept. Agr. Econ., U. Col. of Wales, 1943. 281.171 Un32
- 9898 THOMAS, W. J., and ROBERTS, M. B. Costs of yard fattening of cattle in Wales during the winter period 1942-3. 15 p., processed. Aberystwyth, Dept. Agr. Econ., U. Col. of Wales, 1944. 281.343 Un33
- 9899 THOMAS, W. J. Growing beans for Welsh livestock: methods and costs. 12 p., processed. Aberystwyth, Dept. Agr. Econ., U. Col. of Wales, 1944. 281.391 Un3
- 9900 THOMPSON, F. L. Merseyside plan 1944; a report prepared in consultation with a Technical Committee of the Merseyside Advisory Joint Planning Committee at the request of the Minister of Town and Country Planning. 72 p. London, H. M. Stationery Off., 1945. 98.5 T37  
Partial contents: The rural area, p. 34-40; The improvement of urban and the preservation of rural amenities, by C. H. James, p. 48-51; Appendix D. Agriculture, classification of land: explanatory memorandum, by L. D. Stamp, p. 57-58; Appendix E. Report on agricultural areas, by R. Rosbotham, p. 59-61.
- 9901 TONG, H. K., ed. China after seven years of war. 246 p. N. Y., Macmillan, 1945. 280.184 T61  
The chapters Chungking: City of Mud and Courage, by F. Taylor, and Pishan: Portrait of a Small Town, by Chu Fu-sung, describe farming and village life.
- 9902 TREE, R., WEDDERBURN, J. S., and YORK, C. The husbandman waiteth; a statement on agricultural policy on behalf of the Tory Reform Committee. 16 p. London, Simpkins, 1944. 281.171 T71
- 9903 U. S. CONGRESS. HOUSE. COMMITTEE ON IRRIGATION AND RECLAMATION. Settlement of returning veterans on farms in reclamation projects. Hearings... 79th Cong., 1st sess. on H. R. 520...Pt. 1-2. Apr. 12-26; Apr. 30-May 22, 1945. Washington, 1945.
- 9904 U. S. CONGRESS. SENATE. COMMITTEE ON BANKING AND CURRENCY. To provide for financial control of Government corporations. Hearings...79th Cong., 1st sess. on S. 469...Apr. 20, 23, 25, May 3 and 4, 1945. 213 p. Washington, 1945.  
Includes discussion on Farm Credit Administration, Tennessee Valley Authority, and Commodity Credit Corporation.
- 9905 U. S. CONGRESS. SENATE. COMMITTEE ON FINANCE. 1945 extension of the Reciprocal Trade Agreements Act. Hearings...79th Cong., 1st sess. on H. R. 3240...Revised, May 30, 31, June 1, 4, and 5, 1945. 628 p. Washington, 1945.
- 9906 U. S. OFFICE OF THE COORDINATOR OF INTER-AMERICAN AFFAIRS. El Salvador, land of eternal spring. 9 p. Washington, 1944. 173.3 In8Sa  
Includes section on agriculture.
- 9907 U. S. TREASURY DEPT. LIBRARY. Post-war planning. 75 p., processed. Washington, 1944. 151.1 P84  
Bibliography. Includes agriculture.
- 9908 WALLACE, D., ORWIN, C. S., and ADDISON, LORD. Outlook for farming [Great Britain]. 20 p. London, Fortnightly Rev., Ltd., 1944. 281.171 W15
- 9909 WIPRUD, A. C. Justice in transportation; an exposé of monopoly control; with an introduction by Thurman Arnold. 197 p. Chicago, Ziff-Davis, 1945. 289 W74  
Reference is made to land grants to railways.
- 9910 WRIGHT, L. B., ed. An essay upon the government of the English plantations on the continent of America (1701); an anonymous Virginian's proposals for liberty under the British crown, with two memoranda by William Byrd. 66 p. San Marino, Calif., Huntington Libr., 1945. 280.12 Es7  
Includes the tobacco trade and land tenure.
- AGRICULTURAL ENGINEERING
- 9911 AMERICAN ZINC INSTITUTE, INC. A survey of roofing on farm buildings. 64 p. N. Y., 1944. 296 Am35  
Includes a 7-p. supplement, 1945.
- 9912 BROWNE, R. Housing societies. 31 p. London, Dent, 1944. (Design for Britain, ser. 2, No. 35) 296.2 B81



- 9913 CAREY, E. L. A selected list of references on housing for the use of teachers and students. 8 p., processed. Washington, U. S. Nat'l Housing Agency, Fed. Pub. Housing Authority, Property and Admin. Serv. Div., Libr., 1945. 177.3 S42
- 9914 \*FACCA, U., and DONNA, G. Nuove costruzioni rurali in Italia. Piemonte e Liguria. 206 p. Roma, 1943. (Istituto Nazionale di Economia Agraria. Studie Monografie, ser. 4, v. 9) 281.9 I11
- 9915 FARM IMPLEMENT NEWS CO. The tractor field book, with power farm equipment specifications. 304 p. Chicago, 1945. 58 T672
- 9916 JONES, M. M. Shopwork on the farm. 486 p. N. Y., McGraw-Hill, 1945. 58 J72S
- 9917 \*KUNTZEL, C. Der schweinestall. Ed. 4, 28 p. Berlin, Reichsmährstandverlag, 1940. (Arbeiten des Reichsmährstandes, v. 36) 296 K96
- 9918 ORR, J. B., and WELLS, F. Housing and health. 31 p. London, Dent, 1944. (Design for Britain, ser. 2, No. 26) 296.2 Or7
- 9919 REPUBLIC STEEL CORPORATION. AGRICULTURAL EXTENSION BUREAU. Farm building plans No. 387-391. Cleveland, n. d. 296.9 R29  
Contents: No. 387, Double corn crib; No. 388, Corn crib and granary; No. 389, Grain bin; No. 390, Round roof machinery shed; No. 391, Machinery shed and shop
- 9920 \*RIES, L. W., DENCKER, C. H., and KNOLLE, W. Die maschinelle bewältigung der ernte von getreide, heu und hackfrüchten, ein ratgeber für die praxis. 66 p. Berlin, Parey, 1940. 58 R44
- 9921 U. S. CONGRESS. HOUSE. COMMITTEE ON PUBLIC BUILDINGS AND GROUNDS. Housing for distressed families of servicemen and veterans with families. No. 2. Hearings...79th Cong., 1st sess. on H. R. 3332... May 22 and 24, 1945. 40 p. Washington, 1945.  
Brief reference to settlement on farm land.
- 9922 U. S. CONGRESS. SENATE. COMMITTEE ON AGRICULTURE AND FORESTRY. Nomination of Claude R. Wickard to be Administrator, Rural Electrification Administration. Hearings...79th Cong., 1st sess... June 11, 12, and 13, 1945. 169 p. Washington, 1945.
- AGRICULTURAL PRODUCTS: PROCESSING, DISTRIBUTION, AND STATISTICS
- 9923 \*BELGIUM. COMMISSION POUR L'ÉTUDE DES PROBLÈMES D'APRÈS-GUERRE. Rapports... (1941-1944). 140 p. N. Y.? 1945? 280.172 B413  
Five reports dealing in part with food supply and other economic problems.
- 9924 BIESANZ, J., and BIESANZ, M. Costa Rican life. 272 p. N. Y., Columbia U. Press, 1944. Ref. 280.15 B47  
Contains a chapter on agriculture, particularly the coffee and banana industries.
- 9925 \*BOGGIA, A. Come si utilizza la ginestra. 205 p. Roma, Superstampa, 1942. 309 B633  
Includes processing of the fiber and its utilization.
- 9926 CANADA. BUREAU OF STATISTICS. AGRICULTURAL BRANCH. Report on the fur farms of Canada, 1942-1943. 2 v., processed. Ottawa, 1944-45. 412.629 C162F  
Includes properties operated as a branch of a general farm.
- 9927 COCHRANE, W. W. The problem of achieving a high level of food consumption in the United States. 310 p., processed. n. p., 1945. Ref., p. 304-310. 389 C64  
Thesis (Ph. D.) - Harvard.
- 9928 \*DHOLAKIA, H. L. Futures trading and futures markets in cotton, with special reference to India. 303 p. Bombay, New Book Co., 1942. (Studies in Indian Econ. 15) 280.372 D53
- 9929 \*FEDERAZIONE NAZIONALE DEI CONSORZI PROVINCIALI FRA I PRODUTTORI DELL'AGRICOLTURA. SETTORE DELLA FIBRE TESSILI. Coltivazione, sgranatura e classificazione del cotone; lezioni al corso di specializzazione per tecnici agricoli. 706 p. Roma, 1941. 72 F314  
Contents: Importanza del cotone nel quadro autarchico nazionale, by L. Perdiss, p. 13-28; La coltivazione del cotone, by G. Scavone, p. 29-148; Le malattie del cotone, by G. Goidanich, p. 149-222; Gli insetti dannosi al cotone, by A. Chiaromonte, p. 223-314; Tecnologia, classifica e merceologia del cotone, by I. Paviolo, p. 315-564; L'accertamento sperimentale delle caratteristiche della fibra del cotone, by R. Riso, p. 565-588; Intorno al prezzo ed al costo della cotonicoltura italiana, by A. Brizi, p. 589-618; La disciplina giuridica della produzione cotoniera in regime corporativo in Italia e nelle Colonie, by B. Rossi, p. 619-642; Organizzazione periferica degli ammassi del cotone, by G. di Stefano, p. 643-706.
- 9930 \*GODBOLE, N. N. The rubber industry in India. 24 p. Bombay, 1944? (All-India Mfrs. Organ. Monog., No. 6) 305 G54
- 9931 GORDON, J. B. The utilization of Philippine coconut oil in the war effort. 11 p. Washington, D. C., Bur. of Raw Materials for Amer. Vegetable Oils and Fats Industries, 1945. 307 G65
- 9932 \*GOVIL, K. L. Marketing in India. 438 p. Cawnpore, India, Gautam, 1943? Ref. 280.3 G74  
Agricultural products.
- 9933 \*HAUPTVEREINIGUNG DER DEUTSCHEN GARTENBAU-WIRTSCHAFT. Geschäftsbedingungen...für den verkehr mit obst und gemüse, vom 27 mai 1936. 16 p. Braunschweig, Appelhaus, 1941. (Obst und Gemüse in Landwirtschaft und Verarbeitender Industrie, No. 18) 280.3 H29
- 9934 HOUMOUZIOS, S. L., ed. Starvation in Greece. 48 p. London, Harrison, 1943. 389 H81
- 9935 LAMBORN, O. H. Sugar supplies, present and postwar. 10 p. Boston? 1945. 281.365 L22
- 9936 LAMBORN & COMPANY, INC. The French sugar situation; our Paris agent writes us after an enforced silence of five years. 8 p. N. Y., 1945. 389 L172
- 9937 \*LEHMANN, E. Laboratoriumsbuch für die essig-industrie. 47 p. Halle (Saale), Knapp, 1940. (Laboratoriumsbücher für die Chemische und Verwandte Industrien, v. 35) 387.1 L52  
Vinegar manufactured from grape and other fruit wines.
- 9938 LONDON INTERNATIONAL ASSEMBLY. Freedom from want of food; an analysis of the work and possibilities of the United Nations Conference on Food and Agriculture. 40 p. London, Pub. for the London Internatl. Assembly by Lincolns-Prager, 1944. 389 L842  
Contents: The League of Nations and nutrition, by M. Fanshawe, p. 6-10; Freedom from want of food, by A. Kunoši, p. 11-15; A United Nations policy; report of speeches delivered at the public conference held by the London International Assembly on July 19th, 1943, by R. Law, Sir J. B. Orr, A. Kunoši, R. Vacher, T. Lychevsky, and Viscount Cecil, and Memorandum submitted by the General Purposes Committee of the London International Assembly to the Interim Bureau of the United Nations Conference on Food and Agriculture, p. 16-40.
- 9939 LYNCH, M., PIERCE, FENNER & BEANE. Commodities. 60 p. N. Y., 1945. 287 L993  
Commodity futures markets.
- 9940 NIKOLAEV, A. M. Proizvodstvo miagkikh syrov [Production of soft cheeses]. 72 p. Moskva, Pishchepromizdat, 1941. 44 N58



9941 \*OPITZ, H. *Faserkunde: eine einföhrung zum erkennen und bestimmen der wichtigsten pflanzlichen und tierischen fasern sowie der kunstfasern in garnen und gewebe.* 136 p. Stuttgart, Franckh'sche Verlagsandlung, 1940. 304 Op3

9942 \*PALAZZO, F. C. *Le cellulose italiane in regime di autarchia.* 181 p. Firenze, Laboratorio di Chimica Agraria e Forestale, Università degli Studi, 1941. 309 F662

Includes discussion of wood and hemp.

9943 \*RENCO, P. *Microbiologia del latte e dei latticini.* 777 p. Milano, Hoepli, 1939. (Enciclopedia del Casificio 5) 448.2 R29

9944 SALAMAN, R. N. *The influence of the potato on the course of Irish history.* 32 p. Dublin, Browne and Nolan, 1944. (Finlay Mem. Lecture, 10) 131 Sa3

9945 SHEPHERD, G. S. *Agricultural price control.* 361 p. Ames, Iowa, Collegiate Press, 1945. 284.3 Sh4A

Includes marketing agreements, subsidies, and parity prices.

9946 \*UNION COTONNIERE DE L'EMPIRE FRANCAIS. *Le développement de la production cotonniere dans l'Empire Français; exposé d'une politique cotonniere française.* 100 p. Paris, Librairie Sociale et Economique, 1941. 72 Un395D

9947 \*UNION COTONNIERE DE L'EMPIRE FRANCAIS. *Conférences sur le coton (février-mars-avril 1944).* 238 p. Paris, 1944. 72 Un395

Contents: Allocution... de l'ouverture, by M. Rabault, p. 5-6; Le coton dans le monde, by A. Siegfried, p. 7-18; Le coton dans les colonies françaises, le passe, by M. Rabault, p. 19-34; Le coton en Afrique du Nord, by F. Lavit, p. 35-55; Le coton en O. A. F., by L. Blondeleau, p. 57-66; L'Office du Niger et les recherches scientifiques dans la production cotonniere, by R. Metge, p. 67-87; Le coton en A. E. F.: les sociétés à monopole, by G. Boussenet, p. 89-102; L'action cotonniere au Congo Belge, by G. Gohr, p. 103-119; Le marché des cotons au Havre, by J. Westphalen-Lemaitre, p. 121-138; La Chambre Arbitrale des Cotons au Havre et le Laboratoire Inter-syndical de Conditionnement, by M. Lemierre, p. 139-155; L'industrie cotonniere, by F. Maillard, p. 157-170 (the industry in France); Coton et fibranne, by F. Maillard, p. 171-186 (chiefly on the manufacture of artificial yarns); Les applications industrielles du coton autres que les textiles, by G. Champetier, p. 187-202; L'huile de coton, by E. André, p. 203-217; Le coton dans les colonies françaises: le présent et l'avenir, by E. Senn, p. 219-238.

9948 \*UNION COTONNIERE DE L'EMPIRE FRANCAIS. *La vie de l'U. C. E. F. Les recherches cotonnières en Afrique du Nord.* 63 p. Paris, 1942. 72 Un395V

Partial contents: La vie de l'U. C. E. F., by M. Rabault, p. 5-14; Les recherches cotonnières en Afrique du Nord, by E. Miège, p. 15-40.

9949 \*UNITED PROVINCES OF AGRA AND OUDH. DEPT. OF AGRICULTURE. AGRICULTURAL REORGANIZATION COMMITTEE. *Report of the Agricultural Reorganization Committee, United Provinces, 1939-41. Volume II: appendices.* 118 p. Allahabad, 1942. 22 Un34

Contains statistics of crop area, food requirements food available for consumption, size of holdings, and prices.

9950 U. S. CONGRESS. HOUSE. SPECIAL COMMITTEE TO INVESTIGATE FOOD SHORTAGES. *Food shortages. Hearings...79th Cong., 1st sess. pursuant to H. Res. 195...Pt. 1. Meat.* 667 p. Washington, 1945.

9951 U. S. CONGRESS. SENATE. COMMITTEE ON FINANCE. *Hemp and marihuana. Hearing...79th Cong., 1st sess. on H. R. 2348...May 24, 1945.* 31 p. Washington, 1945.

Contains statements by H. W. Barre, G. E. Farrell, and S. H. McGrory of the U. S. Dept. of Agriculture.

9952 U. S. OFFICE OF PRICE ADMINISTRATION. *Grocer-consumer anti-inflation campaign. Let's all watch our pennies. various paging, processed.* Washington, 1945. (INF-B639) 173.403 G892

9953 U. S. OFFICE OF PRICE ADMINISTRATION. DEPT. OF INFORMATION. *Home canning sugar, 1945 program.* 4 p. Washington, 1945. (INF-L592) 173.403 H75

9954 WERNER, A. W. *The manufacture of fibre shipping containers.* Ed. 2, rev., 81 p. Chicago, Board Prod. Pub. Co., 1944. 302 W49

9955 WHO'S who in the egg and poultry industries, 1945. 344 p. N. Y., Urner-Barry Co., 1945. 225 W622

#### ANIMAL INDUSTRY

9956 BUTLER, W. C. *Common diseases of farm animals and poultry.* 97 p. N. Y., McKesson & Robbins, 1945. 41 B97

9957 \*EHRlich, C. *Aufzuchtkrankheiten der jungtiere.* Ed. 4, 151 p. Berlin, Reichsnährstandsverlag, 1943. (Arbeiten des Reichsnährstandes, v. 15) 41 Eh83A

9958 FLUCKIGER. *Instructions et aide-mémoire de l'Office Vétérinaire Fédéral [Switzerland] relatifs à l'application de la vaccination antiaphteuse.* p. 109-116. Berne, Eicher & Roth, 1943. 41 Sw6  
A negative photostat.

9959 GREAT BRITAIN. COMMITTEE ON VETERINARY PRACTICE BY UNREGISTERED PERSONS. *Report.* 16 p. London, 1945. (Ct. Brit. Parliament. Papers by Command, Cmd. 8611) 41 G7974

Presented by Gt. Brit. Ministry of Agriculture and Fisheries and Department of Agriculture for Scotland.

9960 HOARD'S DAIRYMAN. *How to treat common ailments of cattle, sheep, swine, horses, poultry and dogs.* 128 p. Fort Atkinson, Wis., Hoard and Sons, 1945. 41 H654

9961 KIRK, H. *Index of diagnosis (clinical and radiological) for the canine and feline surgeon, with treatment.* Ed. 2, 587 p. London, Baillière, Tindall & Cox, 1945. 41 K6321

9962 \*KOBOZIEFF, N., and POMRIASKINSKY-KOBOZIEFF, N. A. *Précis de génétique appliquée à la médecine vétérinaire.* 216 p. Paris, Vigot, 1943. Ref. 443 K79

9963 LEICESTER SHEEP BREEDERS' ASSOCIATION. *History of the breed, with some few particulars thereof from Bakewell's time.* 40 p. Filey, Eng., 1945? 45 L53

9964 MERCK & CO., INC. *The use of diethylstilbestrol and its dimethyl ether in poultry production.* 6 p., processed. Rahway, N. J., 1945. Ref. 396 M53D

9965 MEYER, E. *Judging the Boxer; an illustrated standard of the breed; a picture study of good points and faults.* 39 p. N. Y., Judd, 1945. 47.8 M57J

9966 MOFFIT, E. B. *Elias Vail trains gun dogs, covering the Pointing breeds, the Spaniels and Non-Slip Retrievers.* 219 p. N. Y., Judd, 1944. 48 M72

9967 NATIONAL POULTRY CONFERENCE, Ottawa, 1944. *Proceedings.* 72 p. Ottawa, 1944. 47.9 N2125  
Organized by the Poultry Production Services, Dominion Department of Agriculture.

Committee Reports: Record of performance; Flock approval; Hatchery operations; Feeds and feeding; Management, housing and health; Merchandising poultry products; Poultry extension work; Post war education; Poultry post war rehabilitation of Europe; Turkey production and market requirements (includes Cost of production of market turkeys, p. 65-67); Agricultural College and Experimental Farm Poultry Workers Conference; Poultry statistics.

9968 \*REICHESVERBAND DEUTSCHER SCHAFZÜCHTER E. V., BERLIN. *Handbuch der schafzucht und schafhaltung.* Hauptschriftleitung H. Doeber. Vol. 2, pt. 1, Die deutschen stammzuchten und suchgebiete. 573 p. Berlin, Parey, 1941. 45 R27



9969 THOROUGHbred RACING ASSOCIATIONS OF THE UNITED STATES, INC. Thoroughbred racing & breeding; the story of the sport and background of the horse industry. 239 p. Baltimore, Md., 1945. 42 T39

## ENTOMOLOGY

9970 \*BRONN, H. G. Klassen und ordnungen des tierreichs. v. 5, pt. 4, book 5, p. 641-800. Leipzig, Becker and Erler Kom.-Ges., 1941. 411 B786

Contents: Acarina, lfg. 5, by H. Graf Vitzthum.

9971 \*CANESTRINI, G., ASPREA, V., and MARINELLI, O. Apicoltura. Ed. 14, 403 p. Milano, Hoepli, 1945. (Manuali Hoepli) 424 C16

9972 \*ESCHERICH, K. Die forstinsekten mittel-europas, ein lehr- und handbuch. v. 5, pt. 3, p. 417-576. Berlin, Parey, 1941. 423 Es2

Contents: Hymenoptera (hautflügler) und Diptera (zweiflügler).

9973 HEY, G. L. Observations on the life history of the fruit tree red spider [Paratetranychus pilosus]; and its control. 48 p. Wheathampstead, Eng., Murnby Chem. Co., 1944? Ref. 434 H51

9974 IMPERIAL INSTITUTE OF ENTOMOLOGY, LONDON. PARASITE SERVICE. A catalogue of the parasites and predators of insect pests, prepared under the direction of W. R. Thompson. Sect. 1, pt. 4, 130 p. Belleville, Ont., 1944. 423 Im7

Parasite host catalogue: Hymenoptera, Isopoda, and Isoptera.

9975 \*INSTITUT DES PARCS NATIONAUX DU CONGO BELGE. Exploration du Parc National Albert. Mission G. F. de Witte (1933-1935). Fasc. 32, 34-44. Bruxelles, 1941-1943. 411.3 K83

Contents: Coleoptera, fasc. 34-40, 42-43, Pt. 4-11; Homoptera, fasc. 32; Hemiptera, fasc. 43, Pt. 3; Hymenoptera, fasc. 43, Pt. 12; Lepidoptera Heterocera, fasc. 41; Orthoptera, fasc. 43, Pt. 2; Trichoptera, fasc. 44.

9976 MCKEOWN, K. C. Australian insects, an introductory handbook. Ed. 2. rev.. 303 p. Sydney, 1944. (Royal Zoological Society of New South Wales. Australian Zoological Handbook) 422.8 M19A

## FOOD AND HUMAN NUTRITION

9977 AMERICAN NATIONAL RED CROSS. The Red Cross nutrition course in secondary schools. Teacher's manual. 128 p., processed. Washington, D. C., 1944. 389.1 R24R

9978 BROBECK, F. Serve it buffet. 288 p. N. Y., Barrows, 1944. 389.25 B78S

9979 CONFERENCE ON INDUSTRIAL CANTEN CATERING, LONDON, 1943. Industrial canteen catering, being the report of a conference organised by the Food Education Society for the exchange of up-to-date knowledge on nutrition in relation to large scale catering. 54 p. London, Food Ed. Soc., 1944. 389.253 C76

Partial contents: The importance of salads and vegetables in the dietary of industrial workers and how best to conserve the nutritive elements by J. C. Thompson; Mass feeding - industrial canteens, by I. M. Clift; The scientific bases of nutrition, by A. L. Bacharach; Nutrition as applied to industrial canteens, by D. E. Marriott; The preparation of vegetable and salads with a view to conserving their nutritive value, by Miss Campbell; The need for food education in industrial canteens, by J. McMichael; Feeding the night worker, by C. Palmer; The nutritional problem of the adolescent: how I try to solve it, by S. Ericksen.

9980 DE GIVE, M. L., and CUSSLER, M. Bibliography and notes on German food patterns. 19 p., processed. Washington, D. C., Natl. Res. Council, Com. on Food Habits, 1944. 241.64 D362

9981 \*GERMANY. REICHSARBEITSGEMEINSCHAFT FÜR VOLKSERNÄHRUNG. Die ernährung im kriege. 43 p. Leipzig, Thieme, 1941. (Its Schriftenreihe, No. 10) 389 G31

Contents: Allgemeine kriegsernährungsfragen, by H. Ertel; Betrachtungen zur vitaminversorgung, by A. Scheunert; Sicherung der ernährung der kinder, by F. Rott; Notwendigkeit und abgrenzung von schwer- und schwerstarbeiterationen, by O. Flössner; Kranken-ernährung im kriege, by E. G. Schenck; Lenkung der nahrungsmittel-versorgung, by G. Wendelnuth.

9982 GRANT, D. Your daily bread. 94 p. London, Faber, 1945. 389.1 G762

9983 \*KAMALADEVI. Food & milk. 19 p. Aundh [India, Aundh Pub. Trust, 1944? (All India Women's Conf. Tract No. 1) 389 K122

9984 MACK, P. B., and others. A study of the breakfast habits of 5000 persons, with particular reference to cereal consumption. 40 p. State College, Pa. State Col., 1945? 389.1 F385  
C. Urbach, A. H. Stewart, and P. Dodds, joint authors.

9985 NEW YORK (CITY) FOOD AND NUTRITION COMMITTEE. Fish facts. 4 p., processed. N.Y., 1945. 389.1 N489

9986 SCHMIDT-HEBBEL, H. Tratado de bromatología, química de alimentos. 272 p. Santiago, Chile, Nascimento, 1942. 389 Sch53

9987 TEA BUREAU, INCORPORATED. What tea does for you; the doctor looks at tea, and finds it good. A brief survey of medical opinion and recent scientific research. 8 p. N. Y., 1944? 68.1 T224

9988 U. S. CONGRESS. HOUSE. COMMITTEE ON AGRICULTURE. School-lunch program. Hearings...79th Cong., 1st sess. on H. R. 2673, H. R. 3143 (H. R. 3370 reported). Mar. 23 to May 24, 1945. Serial D. 346 p. Washington, 1945.

## FORESTRY

9989 ALLEN, S. W. Handbook of information on entering positions in forestry. 60 p. Washington, Soc. of Amer. Foresters, 1945. 99.06 AL52

9990 BOULTON, E. H. B., and JAY, B. A. British timbers, their properties, uses and identification, with notes on the growth and cultivation of the trees. 112 p. London, A. and C. Black, 1944. 99.79 B662

9991 CLEPPER, H. The Society of American Foresters: an informal description of its functions and activities. 5 p., processed. Washington? D. C., 1944. 99.9 Sol3I

9992 GALBRAITH, A. V. Tree power; an address delivered to the Melbourne Rotary Club September, 1942. 7 p. Melbourne, H. E. Daw, 1942. 99.75 G13  
On the uses of wood in war.

9993 \*VORREITER, L. Handbuch für holzabfall-wirtschaft. 522 p. Neudamm, Neumann, 1940. 99.75 V91

## PLANT SCIENCE

9994 ALL-AMERICA SELECTIONS. 1946 All-America rose selection. 4 p., processed. Harrisburg, Pa., 1945? 80 AL56R

By W. R. Hastings, Chairman.

9995 \*ANGELINI, F. Il cotone, tecnica ed economia della coltivazione. 206 p. Roma, Edizioni "Agricoltura Fascista," 1941. 72 An42

9996 \*BARTELS, K. O. Blüte und frucht im leben der bäume. 112 p. Leipzig, Langewiesche, 1942. 463.46 B28

Chiefly illustrations of tree flowers and fruit.

9997 \*BERNER, L. Feux de collines et végétation. 20 p. Paris, Lechevalier, 1943. (Documents pour les Cartes des Productions Végétales. Sér.: France-Méditerranéenne. Tome: Provence. v. 1, No. 1) 459.5 B452



- 9998 \*BHAT, S. S. Vegetable growing in Baroda State. Ed. 2, 25 p. Baroda, India, Sadhana Press, 1944. 91.15 B463
- 9999 \*BOHME, O. Heilende pflanzen; eine darstellung der bekanntesten heilpflanzen in wort und bild sowie deren praktische anwendung. 387 p. Berlin, Duberow, 1942. 452.82 B633
- 10000 \*BORDERES, O. Révision des Aquilegia pyrénéens. 50 p. Paris, Lechevalier, 1942. (Documents pour les Cartes des Productions Végétales. Sér.: Pyrénées. Tome: Généralités, v. 3, No. 2) 459.2 B642  
Reprinted from Toulouse Soc. d'Hist. Nat. B., t. 77. 1942.
- 10001 \*BRESSE, G., and SCHLEGEL, C. Sciences naturelles; zoologie-botanique. III. - Botanique, p. 189-352. Paris, Baillière, 1944. (Collection A. Châtelet) 409 B743
- 10002 \*BUSSARD, O. Cultures légumières. Ed. 7, 376 p. Paris, Baillière, 1943. 91 B96
- 10003 CARTER, G. F. Plant geography and culture history in the American Southwest. 140 p. N. Y., 1945. Ref., p. 134-140. (Viking Fund. Pubs. in Anthropol. No. 5) 446 C24
- 10004 CHASE, J. L. H. Calling cloche gardeners; practical hints on cloche gardening arranged for every week in the year. 56 p. Chertsey, Eng., Intensive Gard. Press, 1945. 91.15 C38
- 10005 \*CHIANESE, L. Cenni sull'alfa [Stipa tenacissima, e lo sparto Lygeum spartum]. 18 p. Roma, "Arte della Stampa," 1940. 73.5 C44  
Reprint from Rivista Cellulosa, fasc. 4, July/Aug. 1940.
- 10006 CHILE. MINISTERIO DE AGRICULTURA. DEPARTAMENTO DE GENÉTICA Y FITOTÉCNICA. Semillas genéticas del Ministerio de Agricultura, temporada 1945. 32 p. Santiago, 1945. 64.9 C435  
Tests of field crops and resulting pure-bred seed for distribution.
- 10007 \*CURE, P. Les essais de représentations synthétiques des climats pour la géographie botanique. 53 p. Paris, Lechevalier, 1943. (Documents pour les Cartes des Productions Végétales. Sér.: Généralités. Tome 3: Cartographie des Limites Écologiques, v. 1, article 1) 463.8 C92
- 10008 DAVIDSON, M. T. Make your kitchen garden pay. 55 p. London, Allen, 1944. 91.15 D28
- 10009 \*DUTT, C. P., and FUGH, B. M. Principles and practices of crop production in India. 356 p. Allahabad, India, Allahabad Agr. Inst., 1940. Ref. 34.2 D95  
Pt. I, General principles of crop production, includes discussion of Indian agriculture, the plant and its work, soils, fertilizers, and weeds; pt. II, Field crops, deals with the history, botany, classification, cultivation, diseases, and pests of the individual crops.
- 10010 EDWARDS, D. C. Report on the grazing areas of the Northern Frontier District of Kenya. 52 p., processed. Kabete, Kenya Colony Dept. Agr., 1943. 60 K42R
- 10011 \*ENGLER, A., ed. Das pflanzenreich. No. 106, 260 p. Leipzig, 1943. 452 En3P  
Campanulaceae - Lobelioideae, by F. E. Wimmer.
- 10012 \*FACHWÖRTERBUCH der botanik; zusammengestellt von wissenschaftler und gärtner. 176 p. Zürich, Schaltegger, 1944. (Ruscha. Fachwörterbücher der Wissenschaft, Technik und des Handwerks) 452.12 F11
- 10013 \*FERRARIS, T. Trattato di patologia e terapia vegetale... Parassiti vegetali delle piante coltivate od utili. Ed. 4, rev., v. 2. Milano, Hoepli, 1941. 464 F41  
References at end of some sections.
- 10014 \*FRANCE. DIRECTION DE L'ENSEIGNEMENT ET DES SERVICES SCIENTIFIQUES DE L'AGRICULTURE. Humification des pailles; fumier artificiel et applications. Ed. 2, 60 p. Paris, Impr. Nationale, 1941. (Collection de Monographies et Mises au Point Publiées par les Stations et Laboratoires de Recherches Agronomiques) 57.4 F84  
Contents: Humification des pailles et fabrication de fumier artificiel, by A. Demolon and H. Burgevin, p. 7-33; Culture du champignon de couche sur fumier artificiel, by A. Demolon, H. Burgevin, and M. Marcel, p. 35-45; Utilisation du fumier artificiel dans la constitution des couches, by H. Geslin, M. Marcel, and H. Servy, p. 47-58.
- 10015 \*FRIEDBERG, R. Les avoines cultivées en France. 172 p. Paris, Secrétariat d'État à l'Agriculture, 1942. (Collection de Monographies et Mises au Point Publiées par les Stations et Laboratoires de Recherches Agronomiques) 452.3 F713
- 10016 \*GAUTHERET, R. J. Manuel technique de culture des tissus végétaux. 172 p. Paris, Masson, 1942. Ref., p. 165-170. 463.43 G23M
- 10017 \*GEITH, R. Neuzeitliche weidewirtschaft. Ed. 2, 91 p. Berlin, Reichsanährst.-verlag, 1940. (Arbeiten des Reichsanährstandes, v. 39) 60.1 G27
- 10018 GILMOUR, J. British botanists. 48 p. London, Collins, 1944. (Britain in Pictures) 452.6 G42
- 10019 \*HACKBARTH, J. Die Ölpflanzen mitteleuropas. 378 p. Stuttgart, Wissenschaftliche Verlagsgesellschaft, 1944. (Monographien aus dem Gebiete der Fett-Chemie, v. 15) 452.8 H11  
References at end of sections.
- 10020 \*HAUDRICOURT, A. G., and HÉDIN, L. L'homme et les plantes cultivées. Ed. 8, 233 p. Paris, Gallimard, 1943. (Géographie Humaine, 19) 452.8 H29
- 10021 \*HUBER, J. Der frühkartoffelanbau. Ed. 2, 82 p. Berlin, Reichsanährst.-verlag, 1942. (Arbeiten des Reichsanährstandes, v. 41) 75 H86
- 10022 IMPERIAL MYCOLOGICAL INSTITUTE, KEW. Distribution maps of plant diseases. Nos. 81-82. Kew, Eng., 1945. 464.9 Im7
- 10023 \*KOCH, H. Gespinstpflanzenanbau. Ed. 2, 216 p. Berlin, Reichsanährst.-verlag, 1943. (Arbeiten des Reichsanährstandes, v. 3) 73 K812
- 10024 \*KURSANOV, I. I. Kurs botaniki [A course in botany]. Ed. 4, v. 2, 376 p. Moskva, Narkompros RSFSR, 1940. 463 K96
- 10025 LUNDALL, C. L., and others. Flora of Texas. v. 3, pt. iv, p. 197-262. Dallas, South. Methodist U., 1944. 455.63 L97  
Contents: Palmaceae, by L. H. Bailey, p. 197-199; Bromeliaceae, by L. B. Smith, p. 200-207; Onograceae, by P. A. Munz, p. 208-262.
- 10026 \*MARQUEHOSSE, P. Les landes à ajoncs et bruyères des environs de Pau et de Bagnères-de-Bigorre. 10 p. Paris, Lechevalier, 1943. (Documents pour les Cartes des Productions Végétales. Sér.: France-Atlantique. Tome: Aquitaine Méridionale, v. 1, article 1) 459.5 M343  
Reprinted from Toulouse Soc. d'Hist. Nat. B. 78: 53-62. 1943.
- 10027 \*MARZELL, H. Wörterbuch der deutschen pflanzennamen. Mit unterstützung der Preussischen Akademie der Wissenschaften. Pts. 6-8. Leipzig, Hirzel, 1941-42. 452.14 M36  
Parts 6-8, Camelina - Crataegus.
- 10028 MURRILL, W. A. Trees. 65 p. Gainesville, Fla., The Author, 1945. 455 M962  
Includes two chapters on diseases with host indexes
- 10029 OITAVEN, A. V. El ceibo, flor nacional argentina. 137 p. La Plata, Editorial Estrella, 1943. 452.35 O18



## SOILS AND FERTILIZERS

- 10030 OLDERSHAW, A. W. Good farm crops. 224 p. London, Eng. U. Press, 1944. 64 OL1G
- 10031 OWENS, H. B. Georgia's planting prelate, including an address on horticulture at Macon, Georgia, in 1851, by the Right Reverend Stephen Elliott, Jr. 56 p. Athens, U. Ga. Press, 1945. Ref. 90.53 Ow2
- 10032 \*PARIS. MUSEUM NATIONAL D'HISTOIRE NATURELLE. LABORATOIRE DE CRYPTOLOGIE. Mélanges bryologiques et lichénologiques. 94 p. Paris, 1941, pub. 1942. 461 P21M
- Contents: Flore des hépatiques de l'Afrique du Nord, by L. Trabut, p. 1-43; Lichens de l'État de New Mexico par le Frère G. A. Brouard, by M. Bouly de Lesdain, p. 44-66; Mousses du Congo Belge et du Ruvenzori, by H. N. Dixon and I. Thériot, p. 67-80.
- 10033 \*PEYRE, P., and SCHÉADE, H. Les amandiers indigènes & exotiques; histoire, légendes, littérature. 277 p. Paris, Jouve, 1941. Ref., p. 265-273. (Les arbres & fruits oléagineux) 452.35 P46A
- 10034 \*PEYRE, P., and ESCALLIER, R. Les fraisières de l'ancien & du nouveau monde. 146 p. Paris, Jouve, 1940. Ref., p. 135-143. 452.35 P46F
- 10035 \*PEYRE, P., and SAUVIN, A. Les Ribes (grosseilliers & cassissiers). 178 p. Paris, Jouve, 1940. Ref., p. 164-176. 452.35 P46R
- 10036 \*PEYRE, P., and MASSOL, R. Les Rubus (ronces & framboisiers). 99 p. Paris, Jouve, 1940. Ref., p. 94-97. 452.35 P46Ru
- 10037 \*ROEMER, T., and HUDORF, W., ed. Handbuch der pflanzenzüchtung, v. 1, p. 465-610; v. 3, p. 81-482; v. 4, p. 241-416. Berlin, Parey, 1940-43. 64 R66
- Issued as parts 18-26.
- 10038 \*SCHAEDE, R. Die pflanzlichen symbiosen. 172 p. Jena, Fischer, 1943. 463.88 Schl
- References at end of sections.
- 10039 THOM, C., and RAPER, K. B. A manual of the Aspergilli. 373 p. Baltimore, Williams & Wilkins, 1945. Ref., p. 289-330. 462.05 T36
- 10040 \*URSPRUNG, A. Das Botanische Institut an der Universität Freiburg. 96 p. Freiburg, Switz., Universitätsbuchhandlung, 1940. (Collectanea Friburgensia, No. 37, (n. s.) 28) 451.1 F91
- 10041 \*VERCIER, H. J. La détermination rapide des variétés de fruits. 284 p. Paris, Baillière, 1941. (Petite Bibliothèque Horticole. III) 93 V58
- Apricots, peaches, plums, chestnuts, and walnuts.
- 10042 \*VERCIER, H. J. La détermination rapide des variétés de fruits. Ed. 2, 330 p. Paris, Baillière, 1942. (Petite Bibliothèque Horticole. I) 93 V58
- Apples and pears.
- 10043 WILSON, C. M., ed. New crops for the New World. 295 p. N. Y., Macmillan, 1945. 31 W69
- Contents: Introduction, by C. M. Wilson, p. 1-6; The undeveloped field of tropical fruits, by W. Poponce, p. 7-26; Maize in the New World, by E. Anderson, p. 27-42; The fashioning of livestock breeds, by A. O. Rhoad, p. 43-58; Palm oils and waxes, by M. L. Bomhard, p. 59-79; Rubber returns to Latin America, by W. N. Bangham, p. 81-108; Cinchona, the "fever tree," by W. Poponce, p. 109-125; Drug and medicinal crops, by E. C. Higbee and A. Lee, p. 127-160; Biological control of insect pests, by C. P. Clausen, p. 161-177; Forest resources of tropical America, by A. Bevan, p. 179-191; Silks from South America, by G. E. Adames, p. 193-210; Bamboos in the New World, by A. Lee, p. 211-217; Peppers for the Americas, by A. T. Erwin, p. 219-223; Flowers for the New World, by B. Y. Morrison, p. 225-248; Cane sugar production, by P. Honig, p. 249-259; Introducing American plants to the Americas, by B. Y. Morrison, p. 261-271; Launching new crops for the Americas, by V. C. Dunlap, p. 273-287.
- 10044 \*AUBERT, G. Les sols de la France outremer. 90 p. Paris, Secrétariat d'État à l'Agriculture, 1941. (Collection de Monographies et Mises au Point Publiées par les Stations et Laboratoires de Recherches Agronomiques.) 56.27 Aul
- 10045 \*CONVEGNO PER L'IMPIEGO DEGLI AZOTATI NEL MEZZOGIORNO E NELLE ISOLE, BARI, 1939. Atti. 106 p. Roma, Comitato Nazionale per l'Incremento delle Concimazioni, 1939. 57.23 C76
- Contents: L'impiego dei concimi azotati nell'agricoltura meridionale, by Giuseppe Tommasi, p. 9-23; L'impiego dei concimi azotati ammoniacali nelle terre del mezzogiorno, by Alberto de Dominicis, p. 24-33, with discussion, p. 33-48; Le concimazioni azotate alle colture erbacee nelle regioni meridionali, by Emanuele de Cillis, p. 49-55; Le concimazioni azotate alle colture arboree meridionali, by Enrico Pantanelli, p. 55-66, with discussion, p. 66-76; L'influenza della concimazione azotata alle leguminose sulla produzione granaria, by Raffaele Pastore, p. 85-88; La concimazione azotata ai grani duri in rapporto alla cintatura, by Giuseppe Conti, p. 89-91; Fattori che esaltano l'azione dei concimi e limiti utili della concimazione, by Antonino Salvatore, p. 92-101.
- 10046 CUMBERLAND, K. B. Soil erosion in New Zealand, a geographic reconnaissance. 227 p. Wellington, Soil Conservation and Rivers Control Council, 1944. 56.7 C91
- 10047 \*DEMOLON, A., and BASTISSE, E. M. Etudes lysimétriques appliquées à l'agronomie. 48 p. Paris, Secrétariat d'État à l'Agriculture, 1942. (Collection de Monographies et Mises au Point Publiées par les Stations et Laboratoires de Recherches Agronomiques) 56.43 D39
- 10048 FIRESTONE TIRE AND RUBBER COMPANY. Our native land, a trust to keep. 26 p. n. p., 1944? 56.7 F51
- Soil conservation.
- 10049 HARRIS, F. R., INC. Report on the conservation and utilization of water resources in the State of Georgia. 90 p., processed. N. Y., 1945. 292 H24
- 10050 \*HOFFMANN, M. Dünger-fibel. Ed. 26, 175 p. Berlin, Reichsnährstandsverlag, 1939? (Arbeiten des Reichsnährstandes, v. 49) 57 H67
- 10051 JAMES, J. Must we starve? 119 p. Harrow Weald, Mx., England, 1944. 30 J23
- Importance of the soil and its management.
- 10052 \*KEDRAU-ZIKHMAN, O. K., ed. Primenenie udobrenii v zasushlivykh rayonakh iugovostoka SSSR v usloviiakh nepolivnogo i polivnogo zemledeliia [Utilization of fertilizers in the arid regions of south-eastern USSR (under irrigated and non-irrigated conditions)]. 215 p. Moskva, Vsesoiuznaia Akademiia Sel'skokhoziaistvennykh Nauk im. V. I. Lenina, 1940. 57.09 K23
- 10053 \*PROKOSHEV, V. N. Udobrenie pod zernovye khleba na podzolistykh legkikh pochvakh [Fertilizers for cereals on light podzolic soils]. 154 p. Perm', Solikamskaia Sel'skokhoziaistvennaia Opytnaia Stantsiia, 1939. 57.7 P94
- 10054 \*PROKOSHEV, V. N. Za vysokie urozhai na peschanykh pochvakh Severa [For high yields on the sandy soils of the North]. 26 p. Berezniki, Solikamskaia Sel'skokhoziaistvennaia Opytnaia Stantsiia, 1941. 106 P94
- Experiments with potassium fertilizers on wheat.
- 10055 \*PROKOSHEV, V. N. Zelenoe udobrenie v Fredural'e [Green fertilizers in the Ural region]. 16 p. Solikamsk, Solikamskaia s/kh Opytnaia Stantsiia, 1941. 57.5 P94
- 10056 \*THUN, R. Die bodenuntersuchung im landwirtschaftlichen betriebe; ein ratgeber für praktiker und wirtschaftsberater. 84 p. Berlin, Reichsnährstandsverlag, 1939. (Arbeiten des Reichsnährstandes, v. 58) 56.42 T42



10057 U. S. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. Emergency flood control work. Hearings...79th Cong., 1st sess. on H. J. Res. 207... 31 p. Washington, 1945.

10058 U. S. CONGRESS. HOUSE. COMMITTEE ON RIVERS AND HARBORS. Bonneville Administration. Hearings...79th Cong. 1st sess. on H. R. 2690 and H. R. 2693...June 20, 1945. 24 p. Washington, 1945.

10059. \*VIGNERON, H. L'industrie chimique des engrais. 277 p. Paris, Masson, 1940. 57.2 V68  
Fertilizer industry in France.

10060 \*VIL'JAMS, V. R. Sochineniia [Works]. v. 1, 395 p. Moskva, "Sel'khozgiz," 1941. 56 V71  
Writings and addresses on soils.

#### MISCELLANEOUS

10061 RATES, R. S. Scientific societies in the United States. 246 p. N. Y., Wiley, 1945. 330 B31  
Bibliography, p. 193-220.

Includes agricultural societies.

10062 BELTRÁN, E. Lamarck, interprete de la naturaleza. 161 p. Mexico, D. F., 1945. 443 B41

10063 \*BRESSE, G., SCHLEGEL, C., and BONNET, E. Science naturelles; classe de cinquième. Programme du 25 décembre 1941. 452 p. Paris, Baillière, 1943. (Collection Scientifique) 409 B75

Contents: Zoologie, par G. Bresse; Géologie, par G. Bresse, C. Schlegel, and E. Bonnet.

10064 BUSH, V. Science, the endless frontier; a report to the President. 184 p. Washington, U. S. Off. of Sci. Res. and Develpmt., 1945. 173.4 Sci2

10065 EPSILON SIGMA ALPHA. Round-the-clock conservation hints. 128 p. N. Y., Mill, 1945. 321 Ep8

10066 FENTON, C. L., and FENTON, M. A. The land we live on. 88 p. Garden City, N. Y., Doubleday, 1944. 331 F362

10067 \*LAUNOY, L. Eléments du cours de zoologie. Ed. 3, rev., 237 p. Paris, Maloine, 1942. 411 L37

10068 \*LYSENKO, T. D. Raboty v dni Velikoĭ Otechestvennoi Voiny [Research during the days of the great war for the fatherland]. 248 p. Moskva, "Sel'khozgiz," 1943. 33.31 L99R  
In Russian.

Contents: Agricultural science at the front and on the home front, p. 3-115; Methods for seed improvement and germination, p. 116-130; For high yields of grain, p. 131-169; Cultivation of winter wheat in Siberia, p. 170-181; Increasing yields and production area of potatoes, p. 182-219; Potato planting with freshly-gathered tubers and summer sowing of sugar beet, p. 220-236; Development of individual and collective vegetable gardening, p. 236-243; Culture of kok-saghyz, p. 244-247.

10069 MATHEWS, J. J. Talking of the moon. 244 p. Chicago, U. of Chicago Press, 1945. 409 M42  
Observations on natural history of Oklahoma.

10070 \*MEDICI, L., and GUERRITORE, P. Compendio di chimica agraria ad uso degli Istituti Tecnici Agrari. Ed. 3, 335 p. Genova, Società Anonima Editrice Dante Alighieri, 1943. 395 M46

Plants, soils, and fertilizers.

10071 NORD, F. F., and WERKMAN, C. H., eds. Advances in enzymology and related subjects of biochemistry. v. 5, 268 p. N. Y., Interscience Pub., 1945. Ref. 390 N45A

Partial contents: Physical and chemical properties of tomato bushy stunt virus and the strains of tobacco mosaic virus, by N. W. Pirie, p. 1-29; Recent progress in the biochemistry of Fusaria, by F. F. Nord and R. P. Mill, p. 165-205.

10072 \*PARODI, E. Agricoltura tropicale e sub-tropicale ed elementi della colonizzazione agricola tropicale. 561 p. Torino, Unione Tipografica-Editrice Torinese, 1941. Ref. (La Nuova Agricoltura d'Italia) 38 P24

Following a chapter on the history of tropical agricultural economy, there are chapters on the soils and preparation of land and on methods of producing each of various crops.

10073 RAND, F. V., comp. An annotated classified listing of the published writings of Lewis Ralph Jones. 33 p., processed. Washington, D. C., 1945. 241.752 R15

10074 STEWART, G. R. Names on the land; a historical account of place-naming in the United States. 418 p. N. Y., Random House, 1945. 135 St4

10075 U. S. CONGRESS. SENATE. COMMITTEE ON APPROPRIATIONS. Second Deficiency Appropriation Bill for 1945. Hearings...79th Cong., 1st sess. on H. R. 3579. 137 p. Washington, 1945.

Includes appropriations for agriculture, reclamation, lend-lease, Office of Price Administration, and housing for veterans.

10076 U. S. DEPT. OF THE INTERIOR. DIVISION OF INFORMATION. Presenting a listing of 1,000 photographs depicting the natural resources of the United States, made available for reproduction. 44 p. Washington, 1945. 156.1 P91

Subjects include grazing, irrigation, and plants.

10077 U. S. OFFICE OF EDUCATION. DIVISION OF INTER-AMERICAN EDUCATIONAL RELATIONS. A selected list of reference books on the other Americas. 5 p., processed. Washington, 1944. 156.31 Se4

Some agricultural material is included.



## PLANT SCIENCE

## PLANT SCIENCE

## GENERAL

- 10078 ADAMS, B. The Cornell Plantations. *Farm Res.* [N. Y. State Sta.] 11(3): 13. July 1, 1945. 100 N48A
- 10079 \*AJROLDI, F. Per un più ampio sfruttamento dei funghi mangerecci dell'alta Brianza. *Ital. Agr.* 80: 377-380. July 1943. 16 It1
- 10080 \*ALEKSANDROV, V. G. Rastenievodcheskie i rastenievodcheskie problemy dve tysyachi let tomu nazad (po didakticheskoi poeme Virgilia "Georgiki") (Problems of plant growing and plant science two thousand years ago (according to Virgil's Georgic)). *Priroda* 33(4): 77-81. 1944. 410 P933
- 10081 ASHTON, J. On the plant resources and flora of Nicaragua. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 60-64. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10082 BARKER, H. D. Plant resources of Hispaniola. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 78-81. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10083 \*BERTRAND, P., and DEHAY, C. Quels sont les dispositifs ancestraux, hérités des végétaux dévoniens, qui peuvent avoir subsisté chez les angiospermes actuelles? *Soc. Bot. de France. B.* 89: 203-210. Oct./Nov. 1942. 451 F84B
- 10084 BOERGER, A. Recursos vegetales del Uruguay. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 143-145. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10085 \*BOUREAU, E. L'accélération basifuge et l'évolution vasculaire des conifères vivantes comparées à celles de certaines plantes paléozoïques. *Soc. Bot. de France. B.* 88: 834-845. Dec. 1941. 451 F84B
- 10086 \*BRUNO, F. Il R. Istituto ed Orto botanico ed il R. Giardino coloniale di Palermo. *Ital. Agr.* 79: 633-637. Dec. 1942. 16 It1
- 10087 BULLOCK, B. Nature's food bargains. They are free for the gathering. *Amer. Cookery* 50(10): 30-31, 44-46. June 1945. Ref. 389.8 B65
- Edible wild plants, mainly greens.
- 10088 CARABIA, J. P. Productos naturales y agricultura en el Paraguay. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 125-127. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10089 CHAPMAN, H. L. R. Interesting plants our boys will see in the Pacific area. *Mich. Hort. Soc. Hort. News* 11: 81, 87. (Concl.) July 1945. 80 H7815
- 10090 \*CIFERRI, R. I rapporti tra l'Africa Orientale Italiana montana e l'Asia sud-occidentale quali centri evolutivi delle piante coltivate. *Rass. Econ. dell'Africa Ital.* 30: 404-412. Aug. 1942. 261 C71
- 10091 CROCKER, W. The Tropical Plant Research Foundation Inc. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 241-242. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10092 DARRAH, W. C. Paleobotanical work in Latin America. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 181-183. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10093 \*DAUPHINE, A. Quelques précisions sur l'oeuvre de Gustave Chauveaud. *Soc. Bot. de France. B.* 89: 96-99. Apr./June 1942. 451 F84B
- Evolution and morphology of vascular plants.
- 10094 DOMINGUES, A. A agricultura no Brasil. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 108-111. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10095 \*EMBERGER, L. Le sporophylle des Lycopodiales actuelles et de certaines articulées (Sphénophyllales et Noeggerathiales). *Soc. Bot. de France. B.* 89: 121-122. Apr./June 1942. 451 F84B
- 10096 \*EMBERGER, L. Sur les ptéridospermées et les Cordaitales. *Soc. Bot. de France. B.* 89: 202-203. Oct./Nov. 1942. 451 F84B
- 10097 \*ENGEL, A. Mécanisme et historique des migrations forestières de l'époque tertiaire à nos jours. Pt. II. *Soc. Forest. de Franche Comté et Provs. de l'Est B. Trimest.* 24: 196-203. Mar. 1944. 99.9 Sol4
- Paleobotany.
- 10098 FERGUSON, K. V. M. The clearing of trees from farm lands. *Victoria. Dept. Agr. J.* 43: 150-152. Apr. 1945. 23 V88J
- 10099 FOSBERG, F. R. Principal economic plants of tropical America. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 18-35. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10100 FRANCK, J., PRINGSHEIM, P., and LAD, D. T. Oxygen production by anaerobic photosynthesis of algae measured by a new micromethod. *Arch. Biochem.* 7: 103-142. June 1945. Ref. 381 Ar2
- 10101 GRATTONI, S. La Plata, región favorable para la aclimatación de fanerófitos misioneros. *Soc. Cient. Argentina An.* 139: 163-170. Apr. 1945. 516 Sol
- Fanerófitos misioneros, name given to plants from Misiones that are more than 25 cm. tall.
- 10102 GROVES, G. R. The plant resources of British Guiana. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 105-107. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10103 GUEST, P. L. Some of the principal Latin American plant science periodicals. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 237-240. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10104 HAMBLIN, S. F. Early buttercup plants. *Lexington Leaflets* 15: 1-4. Apr. 14, 1945. 80 L58
- Early blooming species of Ranunculaceae.
- 10105 HAMBLIN, S. F. Violets of New England. *Lexington Leaflets* 15: 5-8. Apr. 28, 1945. 80 L58
- 10106 HARDY, E. Flowers of the desert. *Gard. Chron.* 118: 7-8. July 7, 1945. 80 G162
- 10107 HILL, A. F. Ethnobotany in Latin America. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 176-181. Waltham, Mass., Chronica Botanica Co., 1945. Ref. 453 V58
- 10108 HODGE, W. H. The plant resources of Peru. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 119-121. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10109 HORN, C. L. Plant resources of Puerto Rico. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 83-85. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10110 JACOBS, M. R. Who knows sweet knots? *Horticulture* 23: 304. June 15, 1945. 80 H787
- Fragrant fungi.
- 10111 \*KAZANDZHIEV, M. Krenke, N. P. i negovata teoriia za tsiklicheskoto ostariavane i podmladivane na rasteniatata [Krenke's age-cycle theory and the rejuvenation of plants]. *Spis. Zeml. Izp. Inst. Bulgarija (Rev. Insts. de Rech. Agron. en Bulgarie)* 11(1): 107-110. Revised Jan./Mar. 1941. 106.3 R32
- 10112 KRUG, C. A. Plant breeding, genetics and cytology in Latin America. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 243-258. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58



- 10113 LANJOUW, J. On the location of botanical collections from Central and South America. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 224-235. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10114 LARTER, L. N. H. Plant resources of Jamaica. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 73-76. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10115 LEWY VAN SEVEREN, M. Recursos naturales del reino vegetal de El Salvador. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 57-60. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10116 LINDSAY, W. R. Plant resources of the Panamas. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 67-68. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10117 \*LOCQUIN, M. Un nouveau milieu de montage des préparations microscopiques à base de résite; "le phénoforme." Soc. Linn. de Lyon. B. Mens. 13: 14-15. Jan. 1944. 505 L992B  
Phenoform made of plastic resins.
- 10118 \*LOCQUIN, M. Le séchage des champignons par l'infrarouge. Soc. Linn. de Lyon. B. Mens. 13: 13-14. Jan. 1944. 505 L992B
- 10119 \*LOUBIERE, A. Aperçu sur les particularités structurales du bois secondaire des conifères. Paris. Mus. Natl. d'Hist. Nat. (ser. 2) 15: 353-358. July/Sept. 1943. 410.9 P213  
Paleobotany.
- 10120 \*LOUBIERE, A. Considérations sur les bois minéralisés. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 471-472. Oct./Dec. 1942. 410.9 P213
- 10121 \*MÄGDEFRAU, K. Die Thüringer rotliegendekohlen und ihre entstehung. Natur u. Volk 72: 178-191. Sept. 1, 1942. 509 F856
- 10122 MEYER, J. R. Açao bacteriostática de um cogumelo macroscópica pertencente à familia das poríporaceas "Polyporus cinnabarinus (Jacq.) Fries." Inst. Biol., São Paulo, Arq. 15: 27-36. Aug. 1944. 442.9 S66  
English summary.
- 10123 MILNER, F. The magic of the cycad forest. Bot. Soc. So. Africa. J., 1944, Pt. xxx, p. 14-16. 451 B657  
Account of a trip through the Drakensberg Mountains, Cape of Good Hope.
- 10124 NORRIS, F. H. Some trees and plants in Palestine. Roy. Hort. Soc. J. 70: 197-201. July 1945. 84 L84J
- 10125 \*OBATON, F. Un densitromètre appliqué aux recherches de biologie végétale. Soc. Bot. de France. B. 88: 648-650. Oct./Nov. 1941. 451 F84B
- 10126 PARODI, L. R. La agricultura en la República Argentina. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 132-135. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10127 PATIÑO NAVARRETTE, J. La agricultura y los recursos vegetales de México. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 48-52. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10128 POPENOE, W. Some problems of tropical American agriculture. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 1-11. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10129 PYLE, R. Botanical gardens. Amer. Nurseryman 82(2): 18. July 15, 1945. 80 Am371
- 10130 \*RAMACHANDRA RAO, T. H., and IYA, K. K. A preliminary survey of some Aspergilli for their antibiotic activity. J. Sci. and Indus. Res. 3: 510-511. May 1945. 475 J82
- 10131 ROIG, J. T., and ACUNA, J. Plant resources of Cuba. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 70-73. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10132 STAHEL, G. The natural resources of Surinam. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 107-108. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10133 TIEDJENS, V. A. Agriculture on the islands of Curaçao, Aruba and Bonaire. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 101-102. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58  
Includes soilless culture.
- 10134 TINT, H. An apparatus for the growth of plants under controlled temperature levels. Phytopathology 35: 511-516. July 1945. 464.8 P56
- 10135 \*TRONCHET, A., and TRONCHET, J. Sur deux méthodes nouvelles de représentation graphique et d'analyse du mouvement des vrilles. Soc. Linn. de Lyon. B. Mens. 13: 8-13, 19-28. Jan., Feb. 1944. 505 L992B
- 10136 VERDOORN, F. Introductory essay; the plant scientist in the world's turmoils. In his *Plants and plant science in Latin America*, p. xv-xxvii. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58  
"Parts of this introduction have been published in Nature 154: 596-599, 1944."
- Includes a selected list of travel books of botanical interest, and other bibliographical notes.
- 10137 WAKSMAN, S. A., REILLY, H. C., and SCHATZ, A. Strain specificity and production of antibiotic substances. V. Strain resistance of bacteria to antibiotic substances, especially to streptomycin. Natl. Acad. Sci. Proc. 31: 157-164. June 15, 1945. 500 N21P
- 10138 WALLACE, J. M. Technique for hastening foliage symptoms of psorosis of citrus. Phytopathology 35: 535-541. July 1945. 464.8 P56
- 10139 WALLACE, R. H., and BUSENELL, R. J. A simple and effective humidity control. Plant Physiol. 20: 443-447. July 1945. 450 P692
- 10140 WATTS, M. T. The men behind the plants. Morton Arboretum B. Pop. Inform. 20: 17-24. May 1945. 99.9 M84  
Botanists and others for whom plants were named.
- 10141 WELD, J. T. The antibiotic action of Tillandsia usneoides (Spanish moss). Soc. Expt. Biol. and Med. Proc. 59: 40-41. May 1945. 442.9 S61
- 10142 \*WETZEL, O. Die mikropaläontologie des norddeutschen Kreide-Feuersteins. Natur u. Volk 73: 309-321. Nov. 1943. 509 F856
- 10143 WRIGHT, R. When you have eyes to see search for these wildflowers. House and Gard. [Greenwich] 88(2): 59. Aug. 1945. 80 H81

## SYSTEMATIC AND GEOGRAPHIC BOTANY

## General

- 10144 \*ALLORGE, V., and ALLORGE, P. Plantes rares ou intéressantes du NW. de l'Espagne, principalement du Pays Basque. Soc. Bot. de France. B. 88: 226-254. 1941. 451 F84B
- 10145 \*BENOIST, R. Plantes récoltées dans la République de l'Equateur. Soc. Bot. de France. B. 88: 431-439. (Cont.) Jan./June 1941. 451 F84B
- 10146 BINGHAM, M. T. The flora of Oakland County, Michigan; a study in physiographic plant ecology. Cranbrook Inst. Sci. B. 22, 155 p. Bloomfield Hills, Mich., 1945. Ref., p. 153-155. 410.9 C85B  
Annotated list of Oakland County plants, p. 84-150.
- 10147 \*CAMUS, A., and GOUGEROT, M. Localités intéressantes de la région méridionale. Soc. Bot. de France. B. 88: 663-667. Oct./Nov. 1941. 451 F84B
- 10148 CARABIA, J. P. A brief review of the Cuban flora. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 68-70. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58



- 10149 DEGENER, O. Tropical plants the world around. III. N. Y. Bot. Gard. J. 46: 132-143. June 1945. 451 N48J
- 10150 \*DHIEU, R. La flore des environs de St-Saulge (Nièvre). Soc. Bot. de France. B. 90: 192-195. Oct./Dec. 1943. 451 F84B
- 10151 \*COMBAULT, R. Notules sur la flore de la Syrie et du Liban. Soc. Bot. de France. B. 89: 129-133, 137-140. Apr./June, July/Sept. 1942. 451 F84B
- 10152 \*GUGEROT, M. Liste des plantes récoltées au Spitzberg et en Norvège. Soc. Bot. de France. B. 90: 203-207. Oct./Dec. 1943. 451 F84B
- 10153 \*GUFFROY, C. Notes sur la flore bretonne. V. Soc. Bot. de France. B. 88: 609-613. Oct./Nov. 1941. 451 F84B
- 10154 \*GUILLAUMIN, A. Contributions à la flore de la Nouvelle-Calédonie. LXXII-LXXXIV. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 359-360; 13: 126-129, 320-325, 475-478; 14: 144-150, 286-290, 352-356, 451-456; 15: 218-225, 337-342, 449-454; 16: 78-85. 1940-1943, Jan./Feb. 1944. 410.9 P213
- LXXII. Plantes recueillies par I. Franc de 1905 à 1930. LXXIII-LXXXIV. Plantes récoltées par M. et Mme. Leenhardt. LXXXII. Plantes récoltées par Godafroy. LXXXV-LXXXI, LXXXIII-LXXXIV. Plantes de collecteurs divers.
- 10155 HARLOW, W. M. Some comments on the new check list and other things nomenclatural. J. Forestry 43: 403-406. June 1945. 99.8 F768
- Problems in plant nomenclature in connection with a proposed revision of the U. S. Forest Service Check List of the native and naturalized trees of the United States, including Alaska.
- 10156 HART, T. S. Excursion to Croyden [Queensland?]. Victorian Nat. 62: 15-16. May 1945. 410 V66
- 10157 \*JOVET, P. Localités et stations de quelques plantes du Sud-Ouest. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 195-201. Mar. 1941. 410.9 P213
- 10158 \*LUETZELBURG, P. VON. Als botaniker auf expeditionen ins nördliche Amazonasgebiet. Z. f. die Gesam. Naturw. 9: 35-43. Jan./Feb. 1943. 509 Z3
- 10159 PENNELL, F. W. Historical sketch of botanical progress in Latin America until 1850 or beyond. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 35-48. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- Includes accounts of early plant collectors.
- 10160 PITTIER, H., and WILLIAMS, L. A review of the flora of Venezuela. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 102-105. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10161 ROULEAU, E. La florule de l'île Sainte-Hélène. Nat. Canad. 72: 157-176. (Cont.) May/June 1945. 410 N216
- 10162 SMITH, A. C., and JOHNSTON, I. M. A phytogeographic sketch of Latin America. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 11-18. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10163 SMITH, L. B. The vegetation of Brazil. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 297-302. Waltham, Mass., Chronica Botanica Co., 1945. Ref. 453 V58
- 10164 \*SOCHAVA, V. B. O proiskhozhdenii flory severnykh polimnykh stran (On the origin of the flora of northern polar countries). Priroda 33(4): 45-55. 1944. 410 P933
- 10165 STANDLEY, P. C. A brief survey of the vegetation of Costa Rica. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 64-67. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10166 SVENSON, H. K. A brief review of the Galapagos flora. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 149-150. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10167 YUNCKER, T. G. The vegetation of Honduras, a brief review. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 55-56. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- Spermatophytes
- 10168 \*ABBAYES, H. DES. Firola rotundifolia L. est-elle indigène en Basse-Bretagne? Soc. Bot. de France. B. 90: 189-190. Oct./Dec. 1943. 451 F84B
- 10169 ALLEN, C. K. Studies in the Lauraceae. VI. Preliminary survey of the Mexican and Central American species. Arnold Arboretum J. 26: 280-364. July 1945. 451 Ar6J
- Includes 13 n. spp.: Persea 4; Phoebe 2; Ocotea 7.
- 10170 \*ALLORGE, P. À propos du Frunus lusitanica L. de la vallée de la Hayre (Basses-Pyrénées). Soc. Bot. de France. B. 88: 61-69. 1941. 451 F84B
- 10171 AMES, O. Notes on Zeuxine strateumatica. Amer. Orchid Soc. B. 14: 52-53. July 2, 1945. 80 Am329
- 10172 \*ARÈNES, J. À propos du Carduus roseni Vill. Soc. Bot. de France. B. 89: 31-36, 141-145. Jan./Mar., July/Sept. 1942. 451 F84B
- 10173 \*ARÈNES, J. Cirsium lanceolatum (L.) Hill subspec. crinitum (Boiss.) Ry - caractères, variations, distribution géographique. Soc. Bot. de France. B. 89: 228-231. Oct./Nov. 1942. 451 F84B
- 10174 \*ARÈNES, J. Hybrides nouveaux de composées-cynocéphales. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 343-350, 455-460; 16: 196-202. July/Sept., Oct./Dec. 1943; May 1944. 410.9 P213
- 10175 \*AUBREVILLE, A. Les Combretum des savanes boisées de l'Afrique Occidentale Française. France. Dir. de l'Agr., de l'Élevage et des Forêts. Sect. Tech. d'Agr. Trop. Trav. Ser. 1, p. 71-110. 1944. 26 F84
- 10176 BAILEY, L. H. Species Batorum. The genus Rubus in North America (north of Mexico). IX. Rubi arguti; Rubi europae peregrini. In his Gentes Herbarum 5: 591-856. July 12, 1945. 450 B15
- 10177 BARRETT, M. F. Ficus altissima. Torrey Bot. Club. B. 72: 394-398. July 1945. 451 T63B
- 10178 \*BENOIST, R. Le genre Stenandriopsis (acanthacées). Paris. Mus. Natl. d'Hist. Nat. (ser. 2) 51: 231-236. Apr./June 1943. 410.9 P213
- Includes 6 new species.
- 10179 \*BENOIST, R. Une nouvelle espèce [A. mocquersii], du genre Andropogon. Soc. Bot. de France. B. 87: 340. Oct./Dec. 1940. 451 F84B
- 10180 BLAKE, S. T. Plants in the Lamington National Park not previously recorded from Queensland. Queensland Nat. 12: 85-93. Apr. 1945. 410 Q3
- 10181 \*BUCHET, S. Sur deux aracées [Carlephyton; Humbertina n. g.] endémiques de Madagascar. Soc. Bot. de France. B. 88: 846-849. Dec. 1941. 451 F84B
- 10182 \*CAMUS, A. Espèces et variétés nouvelles du genre Lithocarpus. Soc. Bot. de France. B. 90: 198-201. Oct./Dec. 1943. 451 F84B
- Four new species.
- 10183 \*CAMUS, A. Le genre Melica dans la flore française. Soc. Linn. de Lyon. B. Mens. 13: 60-61. Apr. 1944. 505 L992B
- 10184 \*CAMUS, A. Sur quelques chênes du Mexique. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 88. Jan. 1942. 410.9 P213
- 10185 \*CAMUS, A., and COMBAULT, R. Sur quelques saules de Syrie et du Liban. Soc. Bot. de France. B. 89: 24-30. Jan./Mar. 1942. 451 F84B
- 10186 \*CHEMIN, E. L'existence du gui sur le chêne. Soc. Bot. de France. B. 88: 520-522. Jan./June 1941. 451 F84B



- 10187 \*CHESNAIS, F. De l'ancienneté du genre *Actinidia* et de sa parenté avec les Magnoliaceae. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 202-206. Mar. 1941. Ref. 410.9 P213
- 10188 \*CHEVALIER, A. Découverte d'une nouvelle station de *Daboecia cantabrica* dans la Vendée par M. et H. Botton. Soc. Bot. de France. B. 89: 239-240. Oct./Nov. 1942. 451 F84B
- 10189 \*CHEVALIER, A. Les *Mycosotis* du groupe *sylvatica* et *arvensis*. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 187-194. Mar. 1941. 410.9 P213
- 10190 \*CHEVALIER, A. Revision des *Eragrostis* spontanés ou naturalisés en France. Soc. Bot. de France. B. 87: 273-279. Oct./Dec. 1940. 451 F84B
- 10191 CORE, E. L., and DAVIS, H. A. Additions to the catalogue of the vascular plants of West Virginia. III. W. Va. Acad. Sci. Proc. (1944) 17: 27-30. 1945. 500 W52
- 10192 DANSEREAU, P. Herborisations laurentiennes I. Nat. Canad. 72: 125-147. May/June 1945. 410 N216
- 10193 DAVIS, R. S. *Dendrobium bigibbum*. Austral. Orchid Rev. 10: 34. June 1945. 80 Au73
- 10194 EWAN, J. A synopsis of the North American species of *Delphinium*. Colo. U. Studies. Ser. D, Phys. and Biol. Sci. 2: 55-244. Jan. 1945. 500 C715P
- 10195 PASSETT, N. C. *Juniperus virginiana*, J. *horizontalis* and J. *scopulorum* - IV. Hybrid swarms of J. *virginiana* and J. *horizontalis*. Torrey Bot. Club. B. 72: 379-384. July 1945. 451 T63B
- 10196 \*GAGNEPAIN, F. *Pycnospatha Thorell mss.*, nov. gen. Aracearum. Soc. Bot. de France. B. 88: 511-512. Jan./June 1941. 451 F84B
- 10197 \*GAGNEPAIN, F. Un synonyme certain; une famille nouvelle probable. Soc. Bot. de France. B. 87: 268-272. Oct./Dec. 1940. 451 F84B
- Capusiaceae (or Siphonodontaceae) based on the genus *Siphonodon*.
- 10198 \*GAGNEPAIN, F. *Typhonium* (Araceae) nouveaux d'Indochine. Soc. Bot. de France. B. 89: 10-14. Jan./Mar. 1942. 451 F84B
- 5 new species.
- 10199 \*GATTEFOSSÉ, J., and IGOLEN, G. Contribution à l'étude de la flore aromatique du Maroc. Parfumerie 1: 97-98. Apr. 1943. 308.8 P212
- 10200 \*GENTY, P. L'*Epimedium alpinum* aux environs de Dijon. Soc. Bot. de France. B. 88: 639-642. Oct./Nov. 1941. 451 F84B
- 10201 \*GIORDANO, G. Il pino uncinato [*Pinus uncinatus*]. Riv. Forest. Ital. 2(7): 13-26. July 1940. 99.8 R522
- 10202 GLEASON, H. A. On *Blakea* and *Topobea*. Torrey Bot. Club. B. 72: 385-393. July 1945. 451 T63B
- 10203 \*GUILLAUMIN, A. Notules sur quelques orchidées d'Indo-Chine. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 351-352. 1940. 410.9 P213
- 10204 \*GUILLAUMIN, A., and HAMET, R. Sur le *Kalanchoe humbertii* A. Guillaumin. Soc. Bot. de France. B. 90: 196-197. Oct./Dec. 1941. 451 F84B
- 10205 \*GUINOCHET, M. Recherches et taxonomie expérimentale sur la flore des Alpes et de la région Méditerranéenne occidentales. II. Sur quelques formes du *Campanula rotundifolia* L. sens lat. Soc. Bot. de France. B. 89: 70-75, 153-156. Apr./June, July/Sept. 1942. 451 F84B
- 10206 \*HAMET, R. Sur la présence dans la région de l'Usambara d'une plante [*Kalanchoe beharensis*], considérée jusqu'ici comme une endémique malgache. Soc. Bot. de France. B. 88: 488-492. Jan./June 1941. 451 F84B
- 10207 \*HIBON, G. *Ambrosia psilostachya* adventice parisienne. Soc. Bot. de France. B. 89: 233-234. Oct./Nov. 1942. 451 F84B
- 10208 \*HOMOLLE, A. M. Notes sur quelques plantes rares et mal représentées de la tribu des cinchonées (rubiacees). Soc. Bot. de France. B. 89: 53-57. Jan./Mar. 1942. 451 F84B
- Coursiana n. g. from Madagascar.
- 10209 \*HUTTEBERT, H. *Vernonia* et *Helichrysum* nouveaux de Madagascar. Soc. Bot. de France. B. 87: 344-356. Oct./Dec. 1940. 451 F84B
- 10210 HUNT, T. E. The recognition of some Australian orchids. Austral. Orchid. Rev. 10: 23-26. June 1945. 80 Au73
- 10211 JENKINS, C. F. The Pacific Coast hemlocks. Hemlock Arboretum, Far Country. B. 51, p. 2-4. July 1, 1945. 97-32 H37
- 10212 \*JOVET, P. L'*Anemone trifolia* L. existe-t-elle en France? Soc. Bot. de France. B. 88: 816-824. Dec. 1941. 451 F84B
- 10213 \*JOVET, P. *Betula celtiberica* Rothm. et Vasc., espèce nouvelle pour le pays et pour la France. Soc. Bot. de France. B. 89: 22-24. Jan./Mar. 1942. 451 F84B
- 10214 \*JOVET, P. Note sur trois amarantes de Paris et de sa banlieue. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 361-372. 1940. 410.9 P213
- 10215 \*JOVET, P. Notes systématiques et écologiques sur les spartines du Sud-Ouest. Soc. Bot. de France. B. 88: 115-123. 1941. 451 F84B
- 10216 \*JOVET, P. Le *Sisyrinchium angustifolium* Mill.: localités parisiennes et répartition générale. Soc. Bot. de France. B. 89: 116-118. Apr./June 1942. 451 F84B
- 10217 \*KRAINZ, H. Neue und seltene kaktéen aus der städtischen sukkulenten-sammlung Zürich. Schweiz. Gart., No. 6, p. 170-172. (To be cont.) June 10, 1945. 80 Sch93
- N. spp.: *Mammillaria woodsii* and *M. vonwyssii*.
- 10218 \*LEANDRI, J. Sur un genre [*Domohinia*], malgache nouveau d'euphorbiacées. Soc. Bot. de France. B. 78: 279-285. Oct./Dec. 1940. 451 F84B
- 10219 \*LEMESLE, R. Quelques stations de phanérogrames adventices dans le Bocage vendéen et dans le sud de la Loire-Inférieure. Soc. Bot. de France. B. 88: 382-383. Jan./June 1941. 451 F84B
- 10220 \*LITARDIÈRE, R. DE. Contribution à l'étude des *Festuca* du Massif Central. III. Sur la présence du F. *rubra* L. var. *rivularis* (Boiss.) Hack. dans la Creuse. Soc. Bot. de France. B. 89: 57-48. Jan./Mar. 1942. 451 F84B
- 10221 \*MAZZOLANI, G. La patria dell'olivo. Alcuni aspetti dello studio botanico dell'olivo (*Olea europaea* L.). Ital. Agr. 79: 367-372. July 1942. 16 It1
- 10222 \*MERCIER, A. L'épine de Saint Géroche [*Prunus spinosa*]. Soc. Bot. de France. B. 89: 263-264. Dec. 1942. 451 F84B
- 10223 MERRILL, E. D., and PERRY, L. M. Plantae papuanae archboldianae, XVI. Arnold Arboretum J. 26: 229-266. July 1945. 451 Ar6J
- Includes 33 n. spp.: *Canthium* 4; *Antirhea*; *Timonius* 15; *Mastixiodendron* 2; *Ixora* 2; *Coprosma* 4; *Morinda* 3; *Galium*.
- 10224 \*NORMAND, D. Introduction à l'étude descriptive des bois tropicaux. France. Dir. de l'Agr., de l'Élevage et des Forêts. Sect. Tech. d'Agr. Trop. Trav. Ser. 1, p. 111-135. 1944. 26 F84
- 10225 \*PELLEGRIN, F. *Baphiastrum* Harms et *Baphia Afzelius* (légumineuses). Soc. Bot. de France. B. 90: 161-164. Oct./Dec. 1943. 451 F84B
- 10226 \*PELLEGRIN, F. *Dialium* D. *pobeguini* n. sp.; d'Afrique Occidentale. Soc. Bot. de France. B. 88: 449-450. Jan./June 1941. 451 F84B
- 10227 \*PELLEGRIN, F. Les *Macrolobium* (caesalpinées) du Gabon. Soc. Bot. de France. B. 88: 499-510. Jan./June 1941. 451 F84B
- Includes seven new species.



- 10228 \*PELLEGRIN, F. Les Monopetalanthus (Cesalpiniées). Soc. Bot. de France. B. 89: 118-121. Apr./June 1944. 451 F84B  
Monopetalanthus le-testui, n. sp.
- 10229 \*PELLEGRIN, F. Le "Niangon" Tarrietia utilis Sprague (sterculiacées). Soc. Bot. de France. B. 88: 380-381. Jan./June 1941. 451 F84B
- 10230 \*PELLEGRIN, F. Plantas Letestuanas novae. XXVI-XXVII. Soc. Bot. de France. B. 87: 260-261; 89: 245-247. Oct./Dec. 1940; Oct./Nov. 1942. 451 F84B  
New spp.: Albizzia le-testui, Calpocalyx le-testui, C. ngouiensis, Loesenera gabonensis; Hymenostegia normandii, H. ngouiensis.
- 10231 \*PERRIER DE LA BÂTHIE, R. Au sujet des affinités des Brexia et des célastracées et de deux Brexia nouveaux de Madagascar. Soc. Bot. de France. B. 89: 219-221. Oct./Nov. 1942. 451 F84B
- 10232 \*QUENEY, A., and COQUILLAT. Amarantus bouchoni Thellung. Soc. Linn. de Lyon. B. Mens. 13: 75-77. May 1944. 505 L992B
- 10233 REHDER, A. Moraceae, Hippocastacaceae et Vitaceae, nomina conservanda. Arnold Arboretum J. 26: 277-279. July 1945. 451 Ar6J
- 10234 RUPP, H. M. R. Dendrobium adae. F. M. Bailey. Queensland Nat. 12: 114. May 1945. 410 Q3
- 10235 RUPP, H. M. R. Memories of an orchid lover--III. Austral. Orchid Rev. 10: 31-32. June 1945. 80 Au73
- 10236 RUPP, H. M. R. A new species of Dendrobium [D. ancorarium, from north Queensland. Queensland Nat. 12: 115-116. May 1945. 410 Q3
- 10237 SANTOS BILONI, J. Plantas de nuestra flora: el "coco" o "cochucho" [Zanthoxylum coco]; los laureles [Phoebe porphyria, Nectandra membranacea Ocotea acutifolia]. Suelo Argentino 4: 325, 382-383. May, June 1945. 9 Su2
- 10238 SCHWEINFURTH, C. A new Macradenia [M. tridentata] from Peru. Amer. Orchid. Soc. B. 14: 62-64. July 2, 1945. 80 Am329
- 10239 \*SENAY, P. Symplytum peregrinum Ledeb. et ses hybrides avec S. officinale L. Soc. Bot. de France. B. 87: 313-321. Oct./Dec. 1940. 451 F84B
- 10240 TAYLOR, T. T. The call of the orchid. Austral. Orchid Rev. 10: 35-37. June 1945. 80 Au73
- 10241 WHITE, C. T. Wattles or acacias of the Brisbane district. Queensland Nat. 12: 107-113. May 1945. 410 Q3
- Pteridophytes
- 10242 \*ALLORGE, V., and ALLORGE, P. Les ravins à fougères de la corniche vasco-cantabrique. Soc. Bot. de France. B. 88: 92-111. 1941. 451 F84B
- 10243 \*BERTRAND, P. Nouvelle classification des Filicales primitives. Soc. Bot. de France. B. 88: 621-635. Oct./Nov. 1941. 451 F84B
- 10244 BROWN, H. H. Schizaea pusilla from Ontario, Canada. Amer. Fern J. 35: 40-41. Apr./June 1945. 450 Am35
- 10245 DIX, W. L. Observed characteristics of Botrychium multifidum var. oneidense. Amer. Fern J. 35: 37-39. Apr./June 1945. 450 Am35
- 10246 HAWKES, A. D. Campyloneurum phyllitidis in southern Florida. Amer. Fern J. 35: 50-51. Apr./June 1945. 450 Am35
- 10247 ILLIS, H. H. Abundance of Selaginella in Oklahoma. Amer. Fern J. 35: 52. Apr./June 1945. 450 Am35
- 10248 LOOSER, G. Two Chilean pteridophytes [Lophosoria quadripinnata, Lycopodium paniculatum] of commercial importance [as ornamentals]. Amer. Fern J. 35: 55. Apr./June 1945. 450 Am35
- 10249 MORTON, C. V. A new species of Isoetes [I. killipii] from Colombia. Amer. Fern J. 35: 48-49. Apr./June 1945. 450 Am35
- 10250 RAFF, W. F., JR. New stations for Equisetum laevigatum f. proliferum. Amer. Fern J. 35: 56-57. Apr./June 1945. 450 Am35
- 10251 SKUTCH, A. F. Fern collecting in southern Costa Rica. Amer. Fern J. 35: 41-48. Apr./June 1945. 450 Am35
- 10252 SOXMAN, G. M. Pteris multifida in Texas. Amer. Fern J. 35: 53. Apr./June 1945. 450 Am35
- 10253 STEWART, R. R. The ferns of Kashmir. Torrey Bot. Club. B. 72: 399-426. July 1945. 451 T63B
- 10254 \*TARDIEU-BLOT, M. Cyatheaceae nouvelles de Madagascar. Soc. Bot. de France. B. 88: 680-685. Oct./Nov. 1941. 451 F84B  
Nine new species.
- 10255 \*TARDIEU-BLOT, M. Sur quelques fougères nouvelles ou récoltées pour la première fois en Indochine. Soc. Bot. de France. B. 87: 366-372. Oct./Dec. 1940. 451 F84B  
New spp.: Tectaria poilanei, Dryopteris poilanei, Ctenopteris matthewiani, Cyclosorus angustipinnatis, Colysis evrardii.
- 10256 \*TARDIEU-BLOT, M. L. Sur la flore ptériologique de la région de Bana Annam. Soc. Bot. de France. B. 88: 414-419. Jan./June 1941. 451 F84B
- 10257 \*TARDIEU-BLOT, M. L. Sur la répartition et les affinités des fougères d'Indochine. Soc. Bot. de France. B. 88: 825-834. Dec. 1941. 451 F84B
- 10258 \*TARDIEU-BLOT, M. L. Sur les aplebiea des cyathacées malgaches. Soc. Bot. de France. B. 88: 522-531. Jan./June 1941. 451 F84B
- 10259 WEATHERBY, C. A. The earliest collection of Onocleopsis. Amer. Fern J. 35: 52-53. Apr./June 1945. 450 Am35
- 10260 WHERRY, E. T. The indument of Cystopteris fragilis. Amer. Fern J. 35: 54-55. Apr./June 1945. 450 Am35
- Bryophytes
- 10261 \*ALLORGE, P. Muscinées du Pays Basque. Soc. Bot. de France. B. 88: 210-219. 1941. 451 F84B
- 10262 \*ALLORGE, P. Une reconnaissance bryologique dans la forêt d'Irati (Basses-Pyrénées). Soc. Bot. de France. B. 88: 219-225. 1941. 451 F84B
- 10263 \*GAUME, R. Note de bryologie parisienne. Soc. Bot. de France. B. 88: 650-656. Oct./Nov. 1941. 451 F84B
- 10264 \*JOVET-AST, S. Muscinées de la tourbière de Somman (Haute Savoie). Paris. Mus. Natl. d'Hist. Nat. B. (n. s.) 16: 148-154. Mar./Apr. 1944. 410.9 P213
- 10265 LEPAGE, ABBÉ E. Les lichens, les mousses et les hépatiques du Québec. Nat. Canad. 72: 148-156. (Cont.) May/June 1945. 410 N216  
Hepaticae.
- 10266 \*MAHABALE, T. S., and BHATE, P. D. The structure and life history of Fimbriaria angusta St. Bombay U. J., Sect. B, Biol. Sci. (n. s.) 13(5): 5-15. Mar. 1945. 513 B633
- 10267 \*POTIER DE LA VARDE, R. Contribution à la flore bryologique de la Guinée Française. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 207-211. Mar. 1941. 410.9 P213  
New sp.: Campylopus guineensis; Syrrhopodon decipiens.
- 10268 \*POTIER DE LA VARDE, R. Mousses nouvelles récoltées aux Îles du Cap Vert par M. Aug. Chevalier en 1934. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 239-243. Apr./June 1943. 410.9 P213
- 10269 \*POTIER DE LA VARDE, R. Mousses nouvelles récoltées en Afrique équatoriale par M. E. Humbert au cours de sa mission en 1929. Soc. Bot. de France. B. 87: 351-363. Oct./Dec. 1940. 451 F84B
- 10270 \*POTIER DE LA VARDE, R. Tisserantiella P. de la V. genus novum familiae Pottiacearum. Soc. Bot. de France. B. 88: 469-472. Jan./June 1941. 451 F84B



Algae

- 10271 \*ALLORGE, P., and MANGUIN, E. Algues d'eau douce des Pyrénées Basques. Soc. Bot. de France. B. 88: 159-191. 1941. 451 F84B
- 10272 \*CHEMIN, E. Les batrachospermes dans la région de Paris. Soc. Bot. de France. B. 87: 231-241. Oct./Dec. 1940. 451 F84B
- 10273 \*FELDMANN, J. Remarques sur les nématomacées. Soc. Bot. de France. B. 89: 104-113. Apr./June 1942. 451 F84B
- Titanophora n. g., Predaea ollivieri n. sp.
- 10274 \*FELDMANN, J. Sur une nouvelle espèce de Fucus de la côte basque: Fucus chalonii nov. sp. Soc. Bot. de France. B. 88: 143-147. 1941. 451 F84B
- 10275 \*HAMEL, G. Les algues de la nivelle maritime. Soc. Bot. de France. B. 88: 148-150. 1941. 451 F84B
- 10276 \*LEFÈVRE, M., and ARLET, J. Algues d'eau douce de l'étang de la Grande Coinche (Sologne). Soc. Bot. de France. B. 90: 153-157. Oct./Dec. 1943. 451 F84B
- 10277 \*LEFÈVRE, M., and ARLET, J. Contribution à la connaissance de la diatomée Rhizosolenia longiseta Zacharias. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 464-467. Oct./Dec. 1943. 410.9 P213
- 10278 \*LEFÈVRE, M., and BOURELLY, P. Florule algale d'un bassin du Jardin des Plantes. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 131-139. Feb. 1941. 410.9 P213
- 10279 MOORE, L. B. The genus Pterocladia in New Zealand. Roy. Soc. New Zeal. Trans. and Proc. 74: 332-342. Mar. 1945. Ref. 514 W46

Fungi (Including Lichens)

- 10280 \*BOULY DE LESDAIN, M. Lichens nouveaux de la Guadeloupe (Mission Cryptogamique du Muséum, 1936). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 468-470. Oct./Dec. 1943. 410.9 P213
- 10281 COLEMAN, E. Autumn fungi at Emerald. Victorian Nat. 62: 4-7. May 1945. 410 V66
- Cordyceps gunnii, Amanita muscaria.
- 10282 GARCES O., C. A correction. Mycologia 37: 389-390. May/June 1945. 450 M99
- A correction for the author's article: New and heretofore unreported species of the higher Ascomycetes from Colombia and Venezuela, in Mycologia 36: 429-459. 1944.
- 10283 \*HEIM, R. Récoltes mycologiques en Pays Basque. Soc. Bot. de France. B. 88: 191-197. 1941. 451 F84B
- 10284 \*JOVET, P. Le Pseudocyphellaria aurata (Ach.) Vain. (Sticta aurata Ach.) dans les Pyrénées Basques. Soc. Bot. de France. B. 88: 197-210. 1941. 451 F84B
- 10285 \*LEMOIGNE, M., DELAPORTE, B., and CROSON, M. Contribution à l'étude botanique et biochimique des bactéries du genre Bacillus. II. Valeur du test des lipides hydroxybutyriques pour la caractérisation des espèces. Inst. Pasteur [Paris]. Ann. 70: 224-233. July/Aug. 1944. 448.3 An75
- 10286 \*LEPESME, P. Note sur quelques laboulbéniacées de France. Soc. Ent. de France. B. 49: 67-68. May 1944. 420 F84B
- Includes Laboulbenia villiersi, n. sp.
- 10287 \*LEPESME, P. Une nouvelle Laboulbenia [L. heimi] de Madère (Laboulbeniaceae). Soc. Ent. de France. B. 47: 135-136. Aug. 1942. 420 F84B
- 10288 \*LEPESME, P. Trois Laboulbenia nouvelles parasites de Chaetnium malgaches. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 244-247. Apr./June 1943. 410.9 P213
- 10289 LINDEGREN, C. C., and ANDREWS, H. N. Cytoplasmic hybrids in Penicillium notatum. Torrey Bot. Club. B. 72: 361-366. July 1945. 451 T63B
- 10290 \*METROD, G. Naucoria cuspidata Bresadol. Soc. Linn. de Lyon. B. Mens. 13: 95-96. June 1944. 505 L992B

PATHOLOGYGeneral

- 10291 ABBOTT, C. E. The effects of DDT and of sodium monofluoroacetate upon Physarella oblonga Morgan. Science 102: 71. July 20, 1945. 470 Sci2
- 10292 ABERDEEN, J. E. C. Diseases of the tomato and their control. Queensland Agr. J. 60: 277-279. May 1945. 23 Q33
- 10293 ALBAN, E. K. Effect of growth promoting chemicals when used in potato seed treatments. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 162-174. 75.9 Oh3
- 10294 ALLISON, C. C. Some methods of preventing and controlling plant diseases. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 61-65. 75.9 Oh3
- 10295 BERTELLI, J. C., and BERTELLI, L. K. Estudio etiológico de la "podredumbre de las raicillas" o "Tristeza" de los citrus. Asoc. de Ingen. Agron. Rev. 17: 15-32. Mar. 1945. Ref. 290.9 As73
- Reprint of Uruguay. Dir. de Agron. [Cartilla], 75.
- 10296 BIFFEN, W. We daren't take risks with this year's potato crop; blight is the big gamble. Smallholder 73(1842): 10-11. July 6, 1945. 10 Sml
- 10297 BLODGETT, E. C. Diseases of various crops in Idaho in 1943. Plant Dis. Rptr. 29: 463-466, processed. May 22, 1945. 1.9 P69P
- 10298 \*BORZINI, G. Sull'orientamento attuale nella lotta contro le malattie crittogamiche delle piante. Ital. Agr. 79: 163-166. Mar. 1942. 16 Itl
- 10299 BROMLEY, S. W. Care of tree wounds. Horticulture 23: 303-304. June 15, 1945. 80 H787
- 10300 BUCHHOLTZ, W. F. A comparison of dosages of copper carbonate and ethyl mercuric phosphate with chloranil and sulfur as sorghum seed treatments. S. Dak. Acad. Sci. Proc. (1943) 23: 56-64. June 1944. 500 So82
- 10301 BUCHHOLTZ, W. F. Diseases of small grains, flax and several vegetable crops in South Dakota in 1942. S. Dak. Acad. Sci. Proc. (1943) 23: 65-76. June 1944. 500 So82
- 10302 CANADIAN PHYTOPATHOLOGICAL SOCIETY. Symposium [on plant diseases]. Canad. Phytopath. Soc. Proc. (1944) 11: 13-23. 464.9 C162
- Contains abstracts of papers on extension work in plant pathology in the United States by R. J. Haskell; bacterial ring rot of potatoes in Canada by H. N. Racicot; seed-borne diseases by F. J. Greaney, P. M. Simmonds, H. W. Mead, A. J. Skolko, A. A. Hildebrand, I. Mounce, J. E. Boshier, J. W. Groves, C. T. Vanterpool; virus diseases of tree fruits by J. F. Hockey, T. B. Lott.
- 10303 \*CANDIOLI, P. Contributo alla conoscenza della cause della mortalità del ciliegio. Ital. Agr. 79: 207-214. Apr. 1942. 16 Itl
- 10304 CHILDS, J. F. L., and SIEGLER, E. A. Compounds for control of orange decays. Science 102: 68. July 20, 1945. 470 Sci2
- 10305 CRAIG, W. N. The gray squirrel again. Horticulture 23: 339. July 1945. 80 H787
- Destructive to crops and gardens.
- 10306 FELTON, M. W. Saboteurs [diseases] of the tomato patch. Nebr. Farmer 87(9): 22, 25. May 5, 1945. 6 N27
- 10307 FRILLIEUX. Chancro y goma de los frutales. Corp. Frutícola Argentina. Rev. Ofic. 11(125): 26. May 31, 1945. 83 C81
- 10308 HORSFALL, J. G. Quantitative bioassay of fungicides in the laboratory. Bot. Rev. 11: 357-397. July 1945. 450 B6527
- 10309 J., B. C. What causes cactus rot? Desert Plant Life 17: 96. June 1945. 450 D45
- 10310 JAMES, H. E. What we can do about disease! Gladiolus Sup. [New England Gladiolus Soc.] 9(2): 3-6. July 1945. 96.43 N44



- 10311 LARUS, C. T. Another experiment in seed treatment. *Gladiolus Sup.* [New England Gladiolus Soc.] 9(2): 6-7. July 1945. 96.43 N44
- 10312 LEPAGE, H. S. Novo inseticida descoberto nos Estados Unidos. *Biológico* 11: 83-84. Mar. 1945. 442.8 B529
- Review of fungicides recently used.
- 10313 LOUGHNANE, J. B. Crop disease and food production. *Irish Agr. and Creamery Rev.* 14(137): 15-17. May 1945. 44.8 C866
- Measures to prevent crop diseases.
- 10314 MARCHIONATTO, J. B. Las enfermedades de las plantas cultivadas de la Argentina y sus problemas. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 140-142. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10315 MÜLLER, A. S. Plant pathology in Latin America. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 169-171. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10316 NELSON, R. C. "Rameo" de frutas y reparos contra vientos. *Cons. Práct.* 10(113): 3-4. May 1945. 80 C762
- 10317 \*PIACCO, R. I danni della grandine al riso. *Ital. Agr.* 80: 449-455. Sept. 1943. 16 Itl
- 10318 PIOME, P. P. Caution - spray damage ahead! *Home Gard.* 6(1): 46-48. July 1945. 80 H756
- 10319 POWELL, D. Fernald injury. *Ill. State Hort. Soc. Ill. Hort.* 34(3): 6. July 1945. 80 IL66
- 10320 \*RIEHM, E. Pflanzenschutz im sechsten Kriegsjahr. *Reichs-Pflanzenschutzbl.* 3(1): 7-8. Jan. 1945. 464.8 R27
- 10321 RIKER, A. J. Some possibilities for developing resistance to disease in trees. *Arborist's News* 10: 52-56. July 1945. 99.8 Ar14
- 10322 SCARAMUZZA, L. C. Enemigos de la caña de azúcar en Cuba. *Cuba. Min. de Agr. Rev.* 27(28): 28-29. Oct./Dec. 1944. 8 Ag88Re
- 10323 SNYDER, W. C., and MIDDLETON, J. T. Lima bean diseases in California. *Seed World* 58(1): 58, 60, 62. July 6, 1945. 61.8 Se52
- 10324 STAKMAN, E. C., and HARRAR, J. G. Plant pathology in Mexico. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 52-55. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10325 \*TIRELLI, M. La cura degli alberi cariatati. *Ital. Agr.* 79: 33-41. Jan. 1942. 16 Itl
- 10326 \*VORONTSOV, A. I. Soveshchanie po biologicheskomu metodu bor'by s vreditel'nyimi lesa (Conference on the biological methods of combating forest blight). *Priroda* 33(4): 82-84. 1944. 410 P933
- 10327 WEBBER, H. J. Enfermedad 'tristeza' en los patrones de agrios. *Hacienda* 40: 348-349. July 1945. 6 H11
- 10328 WILSON, J. D. New fungicides for old diseases of vegetables. *Ohio Veg. and Potato Growers Assoc. Proc.* (1945) 30: 65-70. 75.9 Oh3

#### Diseases Caused by Fungi

- 10329 \*ARNAUD, G. La carie du blé, questions d'hier et d'aujourd'hui. *Acad. d'Agr. de France. Compt. Rend.* 29: 408-412. Sept. 1, 1943. - 14 P215Bc
- 10330 ARNY, D. C. Physiologic specialization in *Helminthosporium gramineum* Rabh. *Phytopathology* 35: 571-572. July 1945. 464.8 P56
- 10331 \*BALDACCI, E., and CIFERRI, R. La calce come antiperonosporico. *Ital. Agr.* 80: 439-443. Sept. 1943. 16 Itl
- 10332 \*BAVENDAM, W. Valdencia heterodoxa, ein neuer buchenschädling. *Forstwiss. Centbl. u. Tharandter Forstl. Jahrb.*, No. 1, p. 54-60. Mar. 1944. 99.8 F775
- 10333 \*BERGAL, M. Traitement industriel des semences d'orges à deux rangs (*Hordeum distichum* L.) contre le charbon nu (*Ustilago nuda*). *Acad. d'Agr. de France. Compt. Rend.* 30: 144-146. Mar. 8/15, 1943. 14 P215Bc
- 10334 BINKLEY, A. M., and KREUTZER, W. A. Strain of Giant Pascal celery resistant to "yellows" [*Fusarium api*], is being developed at Station. *Colo. Farm B. [Colo. Sta.]* 7(3): 3-4. May/June 1945. 100 C71S
- 10335 BLACKFORD, F. W. A *Ganoderma* root rot of citrus. *Queensland J. Agr. Sci.* 1: 77-81. Dec. 1944. 23 Q37
- 10336 BONDE, R., and SCHULTZ, E. S. The control of potato late blight tuber root. *Amer. Potato J.* 22: 163-167. June 1945. 75.8 P842
- 10337 \*BONVICINI, M. Prove sperimentali contra le ruggini del frumento. *Ital. Agr.* 79: 572-576. Nov. 1942. 16 Itl
- 10338 BRYANT, L. R., and KREUTZER, W. A. Wet soil promotes tomato rot [*Phytophthora capsici*]. *Food Packer* 26(8): 59-60. July 1945. 286.83 C165
- 10339 \*CANS, M. D. Lutte contre l'helminthosporiose des orges de brassière (*Helminthosporium gramineum*). - Essais comparatifs en vue de contrôler l'efficacité du traitement des semences par le "Ceresan" sec. *Acad. d'Agr. de France. Compt. Rend.* 30: 39-41. Jan. 1944. 14 P215Bc
- 10340 \*CASALE, L. L'economia del rame nella lotta contro la peronospora della vite. *Ital. Agr.* 78: 356-360. May 1941. 16 Itl
- 10341 \*CIFERRI, R. Una mancata priorità italiana in fatto di antiperonosporici cuprici. *Ital. Agr.* 80: 391-393. Aug. 1943. 16 Itl
- 10342 CUNNINGHAM, G. H. Cause and control of brown-rot [*Sclerotinia fructigena*] in fruit. *New Zeal. Dept. Agr. B.* 101, 8 p. Wellington, n. d. 23 N48Bu
- 10343 CUNNINGHAM, H. S., and REINKING, O. A. *Fusarium* seed-piece decay of potatoes on Long Island; preliminary results of seed treatment have shown promise as a control. *Farm Res. [N. Y. State Sta.]* 11(3): 8-9. July 1, 1945. 100 N48A
- 10344 \*D., G. Fruchtfäule durch *Monilia*-befall. *Natur u. Volk.* 73: 345-347. 1943. 509 F856
- Monilia* on pears and plums.
- 10345 \*FEYTAUD, J. Le problème de la carie et l'oeuvre de Mathieu Tillet. *Acad. d'Agr. de France. Compt. Rend.* 29: 483-484. Nov. 10/17, 1943. 14 P215Bc
- Smut of wheat.
- 10346 FISCHER, G. W. The mode of infection and the incubation period in the stem smut of grasses, *Ustilago spengazzinii* (U. hypodytes). *Phytopathology* 35: 525-532. July 1945. 464.8 P56
- 10347 \*FORD, C. E. Experiments on the control of bark rot caused by *Phytophthora* sp. *Rubber Res. Scheme, Ceylon. Q. C.* 21: 29-34. Dec. 1944. 78.9 C33Q
- 10348 \*FRON, M. Le traitement contre la carie du blé. *Rev. des Agr. de France* 72: 175-176. June/Oct. 1940. 14 B325
- 10349 \*GAUDINEAU, M., and HUGER, R. Lutte contre la cloque du pêcher [*Exoascus deformans*] et économie de cuivre. *Acad. d'Agr. de France. Compt. Rend.* 29: 530-532. 1943. 14 P215Bc
- 10350 \*GOIDANICH, G. La "necrosi corticale" [*Chondroplea populea*] del pioppo. *Ital. Agr.* 78: 93-98. Feb. 1941. 16 Itl
- 10351 GREEN, D. E., and THOMAS, C. T. Note on blight [*Phytophthora infestans*] of outdoor tomatoes. *Roy. Hort. Soc. J.* 70: 211-214. July 1945. 84 L84J
- 10352 GROVES, J. W., and SKOLKO, A. J. Notes on seed-borne fungi. III. *Curvularia*. *Canad. J. Res. Sect. C, Bot. Sci.* 23: 94-104. June 1945. 470 C16C



- 10353 HAENSELER, C. M. The black stem disease (Ascochyta) of alfalfa and related diseases on peas and vetch in 1945. N. J. Agr. Expt. Sta. Plant Dis. Notes 22: 21-24, processed. June 1945. 464.9 N46F Ascochyta imperfecta.
- 10354 HIRT, R. R., and LOWE, J. L. Polyporus versicolor on Asiatic chestnut. Phytopathology 35: 574-575. July 1945. 464.8 P56
- 10355 KEMP, H. K., and BEARE, J. A. Black spot [Venturia inaequalis] of apple. So. Austral. Dept. Agr. J. 48: 374-380. Apr. 1945. 23 So84
- 10356 LUDWIG, R. A. Oat rusts on barberry and buckthorn. Macdonald Col. J. 5(10): 9. June 1945. 101 M144
- 10357 MILLIKAN, C. R. "Damping off" disease of flax. Victoria. Dept. Agr. J. 43: 177-181. Apr. 1945. 23 V66J
- Only fungus consistently isolated was Pythium sp.
- 10358 MOORE, M. B., HAYES, H. K., and STAKMAN, E. C. The field reactions of certain oats hybrids and varieties to stem rust. Phytopathology 35: 549-551. July 1945. 464.8 P56
- 10359 \*MÜLLER, K. O. Il problema della selezione di varietà di patate resistenti alla peronospora [Phytophthora infestans]. Ital. Agr. 80: 342-346. July 1943. 16 It1
- 10360 OU, S. H., and WALKER, J. C. Anthracnose of garden pea. Phytopathology 35: 565-570. July 1945. 464.8 P56
- 10361 \*PEGLION, V. Direttive per la lotta contro la peronospora della vite. Ital. Agr. 80: 229-240. May 1943. 16 It1
- 10362 \*PEGLION, V. I preparati antiperonosporici nella campagna viticola 1942. Ital. Agr. 80: 3-10. Jan. 1943. 16 It1
- 10363 \*PEGLION, V. Trattamenti preventivi ed estintivi contro la ticchiolatura [Venturia inaequalis] del melo e del pero. Ital. Agr. 79: 229-234. May 1942. 16 It1
- 10364 POMPONIO, H. C. El enrulado de las hojas del duraznero. Corp. Frutícola Argentina. Rev. Ofic. 11(125): 29-30. May 31, 1945. 83 C81
- 10365 QUISENBERRY, K. S., RODENHISER, H. A., and JOHNSTON, C. O. Bunt reaction of hard red winter wheats in 1938-42. Amer. Soc. Agron. J. 37: 514-522. July 1945. 4 Am34P
- Tilletia foetida and T. caries.
- 10366 RUDOLPH, B. A., and HARRISON, G. J. The invasion of the internal structure of cotton seed by certain Fusaria. Phytopathology 35: 542-548. July 1945. 464.8 P56
- 10367 SAMUEL, G. Guard against potato [late] blight. Gt. Brit. Min. Agr. Agriculture 52: 159-161. July 1945. 10 G79J
- 10368 \*SIBILIA, C. Sulla resistenza alle rugini di alcuni grani di montagna. Ital. Agr. 79: 638-641. Dec. 1942. 16 It1
- 10369 \*SINGH, U. B. Leaf-spot disease [Phyllosticta pirina] of apple in Kumaun. Indian Farming 5: 586-587. Dec. 1944. 22 In283
- 10370 SMITH, C. O. Inoculations of the evergreen species of Prunus (Laurocerasus) with Tranzschellia pruni-spinosae. Phytopathology 35: 572-574. July 1945. 464.8 P56
- 10371 STANDEN, J. H. Nigrospora oryzae (B. and BR.) Fetch on maize. Phytopathology 35: 552-554. July 1945. 464.8 P56
- 10372 TINT, H. Studies in the Fusarium damping-off of conifers. III. Relation of temperature and sunlight to the pathogenicity of Fusarium. Phytopathology 35: 498-510. July 1945. 464.8 P56
- 10373 TISDALE, W. B. Preventing seedbed diseases; fall vegetable plants need damp-off protection. Fla. Grower 53(7): 12, 16. July 1945. 80 F6622
- 10374 VALLEAU, W. D. Tobacco blue mold. Ky. Farmer's Home J. 81(7): 6. July 1945. 6 F2237
- 10375 VERRALL, A. F. The control of fungi in lumber during air-seasoning. Bot. Rev. 11: 398-415. July 1945. 450 B6527
- 10376 W., S. B. Potato and tomato [late] blight. Gard. Illus. 64: 616. July 1945. 80 G169
- 10377 WAGER, V. A. Early blight in potatoes. Farming in So. Africa 20: 318-320. May 1945. 24 So842
- 10378 WALKER, J. C., and HOOKER, W. J. Plant nutrition in relation to disease development. I. Cabbage yellows [Fusarium oxysporum f. conglutinans]. Amer. J. Bot. 32: 314-320. June 1945. 450 Am36
- 10379 WESTON, W. A. R. D. Silver leaf disease [of fruit trees]. Gt. Brit. Min. Agr. Agriculture 52: 176-178. July 1945. 10 G79J
- 10380 WHITAKER, T. W., and PRYOR, D. E. The reaction of 21 species in the Cucurbitaceae to artificial infection with cantaloupe powdery mildew (Erysiphe cichoracearum DC.). Phytopathology 35: 533-534. July 1945. 464.8 P56
- 10381 WORMALD, H., and MOORE, M. H. Control of brown rot [Sclerotinia fructigena and S. laxa] of apples in commercial orchards. Fruit-Grower, Fruiterer, Florist & Market Gard. 99: 450. June 21, 1945. 80 F941
- 10382 YU, T. F., and FANG, C. T. A preliminary report on further studies of physiologic specialization in Ustilago hordei. Phytopathology 35: 517-520. July 1945. 464.8 P56
- Diseases Caused by Bacteria
- 10383 ARRUDA, S. C. A "escaldadura das folhas," doença da cana de açúcar, nova no Brasil. Inst. Biol., São Paulo. Arq. 15: 141-196. Dec. 1944. 442.9 Sa6
- English summary.
- Caused by Phytomonas albilineans.
- 10384 BROWN, J. G., and BOYLE, A. M. Application of penicillin to crown gall. Phytopathology 35: 521-524. July 1945. 464.8 P56
- 10385 BROWN, J. G., and BOYLE, A. M. Crown gall cured with crude penicillin. Desert Plant Life 17: 39-95. June 1945. 450 D45
- 10386 GARRARD, E. H. A storage rot of potatoes caused by a fluorescent organism resembling Pseudomonas fluorescens (Flügge) Migula. Canad. J. Res. Sect. C, Bot. Sci. 23: 79-84. June 1945. 470 G16C
- 10387 REID, W. D. Bacterial-spot [Xanthomonas pruni] of plum and peach. New Zeal. J. Sci. and Technol. Sect. A, Agr. 26: 359-366. Apr. 1945. 514 N48A
- Viruses and Virus Diseases
- 10388 \*BUSTARRET, J. La dégénérescence de la pomme de terre; ses causes, son importance agronomique - essai de mise au point. Ann. Agron. [Paris] (n. s.) 13: 18-27. Jan./Mar. 1943. 14 An75A
- 10389 JOHNSON, F. Epiphytology of winter wheat mosaic. Ohio J. Sci. 45: 85-96. May 1945. 410 Oh3
- 10390 \*LIMASSET, P. La mosaïque chronique des pommes de terre de la variété Royal Kidney. Acad. d'Agr. de France. Compt. Rend. 29: 61-63. 1943. 14 F215Bc
- 10391 NOBREGA, N. R., and SILBERSCHMIDT, K. Sobre uma provável variante do vírus "Y" da batatinha (Solanum virus 2, Orton) que tem a peculiaridade de provocar necroses em plantas de fumo. Inst. Biol., São Paulo. Arq. 15: 307-330. Dec. 1944. 442.9 Sa6
- English summary.
- 10392 OCHOA, L. Mosaico amarillo; nota sobre las semillas de los frijoles en relación con esta enfermedad. Cuba. Min. de Agr. Rev. 27(28): 17-19. Nov./Dec. 1944. 8 Ag88Re
- 10393 \*SCHUNCK DE GOLDFIEM, J. Quelques problèmes. Les viroses de végétaux. Soc. Bot. de France B. 88: 667-669. Oct./Nov. 1941. 451 F84B



10394 SILBERSCHMIDT, K., and TORRES, H. L. Alguns observações sobre o mecanismo da acumulação do "Nicotiana virus 1 (Mayer) Allard" em folhas de fumo. Inst. Biol., São Paulo. Arq. 15: 97-140. Oct. 1944. 442.9 Sa6

English summary.

10395 SILBERSCHMIDT, K., and CAMPOS, A. R. Estudos relativos à doença "superbrotamento" ou "en-vassouramento" da mandioca. Inst. Biol., São Paulo. Arq. 15: 1-26. Aug. 1944. 442.9 Sa6

English summary.

Includes transmission of the disease.

10396 SWINGLE, R. U. Another enemy flanks the elm; phloem necrosis, a virus similar in nature to man's dreaded yellow fever, is taking a heavy toll of American elms in the Midwest. Amer. Forests 51: 334-335. July 1945. 99.8 F762

#### Diseases Caused by Nematodes

10397 COURTNEY, W. D. Nematode Aphelenchoides olesistus, infection of Croft Easter lilies. Phytopathology 35: 572. July 1945. 464.8 P56

10398 WATSON, J. R. Starving controls root-knot of vegetables. Fla. Grower 53(7): 10. July 1945. 80 F6622

#### ECOLOGY

10399 \*ALLORGE, P. Le chêne-vert et son cortège au versant atlantique du Pays Basque espagnol. Soc. Bot. de France. B. 88: 45-60. 1941. 451 F84B

10400 \*ALLORGE, P. Essai de synthèse phytogéographique du Pays Basque. Soc. Bot. de France. B. 88: 291-356. 1941. Ref. 451 F84B

10401 \*ALLORGE, P., and JOVET, P. La Lande maritime autour de Saint-Jean-de-Luz. Soc. Bot. de France. B. 88: 151-159. 1941. 451 F84B

10402 \*ALLORGE, P., and GAUSSEN, H. Les pelouses-garrigues d'Clazagutia et la hêtraie d'Urbasa. Soc. Bot. de France. B. 88: 29-39. 1941. 451 F84B

10403 BANFIELD, F. S. The Malayan flora. Gard. Chron. 117: 254-255, 266-267, 278. June 9-23, 1945. 80 G162

10404 BEARD, J. S. P. A brief review of the vegetation of Trinidad and Tobago. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 100-101. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

10405 \*CHOUARD, P. Le peuplement végétal des Pyrénées centrales. I. Les montagnes calcaires de la vallée de Gavarnie. Soc. Bot. de France. B. 89: 257-260. Dec. 1942. 451 F84B

10406 \*CIFERRI, R. Le associazioni del litorale marino della Somalia meridionale. Riv. di Biol. Colon. 2: 5-42. 1939. 442.8 R522

10407 \*DIENER, H. Über die verbreitung und das waldbauliche verhalten der eiche im lehrrevier der ETH. Schweiz. Z. f. Forstw. 95: 305-312. Oct. 1944. 99.8 Sch9

10408 \*FELDMANN, J., and LAMI, R. Flore et végétation marines de la côte basque française. Soc. Bot. de France. B. 88: 123-142. 1941. 451 F84B

10409 \*GAUME, R. Une garenne primitive de la Champagne crayeuse: le bois du Vignot. Soc. Bot. de France. B. 89: 36-43. Jan./Mar. 1942. 451 F84B

10410 \*GAUSSEN, H. Végétation d'une montagne basque calcaire: la Peña de Aitzgorri. Soc. Bot. de France. B. 88: 39-45. 1941. 451 F84B

10411 \*GODARD, Le climat de la plante. Ann. Agron. [Paris, (n. s.) 14: 200-214. Apr./June 1944. 14 An75A

10412 GODWIN, H. Coastal peat-beds of the North Sea region, as indices of land- and sea-level changes. New Phytol. 44: 29-69. June 1945. 450 N42

10413 GOODSPEED, T. H. Notes on the vegetation and plant resources of Chile. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 145-149. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

10414 \*HEDIN, L. Recherches sur la végétation des alluvions de Basse-Seine. Ann. Agron. [Paris, (n. s.) 12: 19-33. Jan./Mar. 1942. 14 An75A

10415 HOLDRIDGE, L. R. A brief sketch of the flora of Hispaniola. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 76-78. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

10416 HOLDRIDGE, L. R. A brief sketch of the Puerto Rican flora. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 81-83. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

10417 \*HUSTICH, I. Pflanzentopographie und pflanzensoziologie; gesichtspunkte in einer pflanzengeographischen prinzipienfrage. Gesell. f. wdk. Berlin. Z., No. 1/2, p. 46-53. June 1944. 474 B45

10418 \*ISSLER, E. Die pflanzenwelt der hochvo-gesen mit besonderer berücksichtigung der waldverhält-nisse. Allg. Forst- u. Jagd-Ztg. 120: 9-66. July/Sept. 1944. 99.8 AL3

10419 \*JOVET, P. Evolution des groupements rudéraux "parisiens." Soc. Bot. de France. B. 87: 304-312. Oct./Dec. 1940. 451 F84B

10420 \*JOVET, P. Plantes rudérales, adventices et naturalisées de Paris et de sa banlieue. Soc. Bot. de France. B. 87: 286-299. Oct./Dec. 1940. 451 F84B

10421 \*JOVET, P. La végétation anthropophile du Pays Basque français. Soc. Bot. de France. B. 88: 254-269. 1941. Ref. 451 F84B

10422 \*JOVET, P. Végétation d'une montagne basque siliceuse: la Rhune. Soc. Bot. de France. B. 88: 69-92. 1941. 451 F84B

10423 KOVAR, P. A. Idea general de la vegetación de El Salvador. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 56-57. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

10424 LAWRENCE, W. E. Some ecotypic relations of Deschampsia caespitosa. Amer. J. Bot. 32: 298-314. June 1945. 450 Am36

10425 PARODI, L. R. Las regiones fitogeográficas Argentinas y sus relaciones con la industria forestal. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 127-132. Waltham, Mass., Chronica Botanica Co., 1945. Ref. 453 V58

10426 \*PAVILLARD, J. La végétation des falaises de Biarritz. Soc. Bot. de France. B. 88: 111-114. 1941. 451 F84B

10427 \*PELLEGRIN, F. Les récoltes phytosociologiques de H. Scaetta en Afrique Occidentale Française. Soc. Bot. de France. B. 89: 7-10. Jan./Mar. 1942. 451 F84B

10428 \*REINHOLD, F. Ergebnisse vegetationskundlicher untersuchungen im Erzgebirge, den angrenzenden gebirgen und im nordostsächsischen heidegebiet. Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., No. 4, p. 167-191. Sept. 1944. 99.8 F775

10429 RIEGEL, A. A comparative study of natural and artificial revegetation of land retired from cultivation at Hays, Kansas. Kans. Acad. Sci. Trans. 47: 195-214. Dec. 1944. 500 K13T

10430 ROJAS, T., and CARABIA, J. P. Breve reseña de la vegetación Paraguaya. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 121-125. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

10431 ROSENGURTT GURVICH, B. La vegetación del Uruguay. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 142-143. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

10432 SKOTTSBERG, C. The Juan Fernandez and Desventuradas islands. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 150-153. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58



10433 STEHLÉ, H. Les conditions écologiques, la végétation et les ressources agricoles de l'Archipel des Petites Antilles. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 85-100. Waltham, Mass., Chronica Botanica Co., 1945. Ref. 453 V58

10434 STONE, R. G. Climatology and meteorology. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 156-163. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

10435 \*STUDIATI, P. Dopo la sommersione della bonifica del Massaciuccoli. Ital. Agr. 78: 584-588. Aug. 1941. 16 Itl  
Ecological study.

10436 \*TOUTON, J. B. Les plantes monocarpiques aux très hautes altitudes. Soc. Bot. de France. B. 88: 385-394. Jan./June 1941. 451 F84B

10437 \*ZENTGRAF, E. Die entmischung des buchenwaldes. Allg. Forst- u. Jagd-Ztg. 120: 66-69. July/Sept. 1944. 99.8 AL3

#### MORPHOLOGY, ANATOMY, AND CYTOLOGY

10438 \*ARNAL, C. Sur un cas de diaphyse racémi-pare chez *Viola silvestris* Lmk. Soc. Bot. de France. B. 88: 669-676. Oct./Nov. 1941. 451 F84B

10439 BALDWIN, J. T., JR. Chromosomes of Cruciferae - II. Cyto geography of *Leavenworthia*. Torrey Bot. Club. B. 72: 367-378. July 1945. Ref. 451 T63B

10440 BENTLEY, N. J., and WOLF, F. A. Glandular leaf hairs of oriental tobacco. Torrey Bot. Club. B. 72: 345-360. July 1945. 451 T63B

10441 \*BOUVRAIN, G. Sur la disposition des feuilles chez les angiospermes. Soc. Bot. de France. B. 89: 127-128. Apr./June 1942. 451 F84B

10442 \*BOUVRAIN, G. Sur un mode de réduction du nombre des convergents dans la tige de *Bryonia dioica* (cucurbitacées). Soc. Bot. de France. B. 90: 172-177. Oct./Dec. 1943. 451 F84B

10443 \*BUVAT, R. Recherches sur la différenciation des cellules végétales. I. Plantes entières et boutures. Ann. des Sci. Nat., Bot. (ser. 11) 5: 1-130. 1940. Ref. 450 An75

10444 \*CAMUS, A. Description des épillets et biologie florale de *Briza maxima* L. Soc. Bot. de France. B. 88: 804-808. Dec. 1941. 451 F84B

10445 \*CAMUS, A. La glume des épillets latéraux dans le genre *Lolium* et les glumes dans les hybrides x *Festulolium*. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 237-238. Apr./June 1943. 410.9 P213

10446 \*CAMUS, A. Soudure des cotylédons dans le genre *Lithocarpus* Blume. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 461-462. Oct./Dec. 1942. 410.9 P213

10447 \*CHADEFAUD, M. Études d'asques, III (3): Le mécanisme de la pigmentation des ascospores chez les *Ascobolus*. Soc. Bot. de France. B. 89: 58-61. Jan./Mar. 1942. 451 F84B

10448 \*CHADEFAUD, M. La formation des ascospores chez la pézize inoperculée *Mniaecia jungermanniae* Boudier. Soc. Bot. de France. B. 90: 207-209. Oct./Dec. 1943. 451 F84B

10449 \*CHESNAIS, F. Anatomie du système végétatif du genre *Eberhardtia* H. Lec. Paris. Mus. Natl. d'Hist. Nat. B. (n. s.) 16: 142-147. Mar./Apr. 1944. 410.9 P213

10450 \*CHESNAIS, F. Contribution à l'étude des domaties de quelques espèces indigènes ou acclimatées d'arbres et d'arbustes. Soc. Bot. de France. B. 88: 782-786. Dec. 1941. 451 F84B

10451 \*CHESNAIS, F. Recherches sur l'anatomie du genre *Hoplostigma* Pierre. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 493. Oct./Dec. 1943. 410.9 P213

10452 \*CHESNAIS, F. Sur la formation de la cicatrice de la graine chez les sapotacées. Soc. Bot. de France. B. 90: 177-181. Oct./Dec. 1943. 451 F84B

10453 CLAUSEN, J., KECK, D. D., and HIESEY, W. H. Experimental studies on the nature of species. II. Plant evolution through amphiploidy and autopoloidy, with examples from the Madiinae [Asteraceae]. Carnegie Inst. Wash. P. 564, 174 p. Washington, 1945. 463.8 C57

10454 \*CUÉNOD, A. Premières recherches expérimentales sur le phyllome. Soc. Bot. de France. B. 89: 47-52. Jan./Mar. 1942. 451 F84B

Experiments with *Mirabilis jalapa*, *Urtica pilulifera*, *Majorana hortensis*, and *Buddleia madagascariensis*.

10455 \*DEEAY, C. Remarques sur l'appareil libéro-ligneux foliaire des sterculiacées. Soc. Bot. de France. B. 89: 76-78. Apr./June 1942. 451 F84B

10456 \*DELAY, C. Sur le noyau des Lycopodiales. Soc. Bot. de France. B. 88: 458-464. Jan./June 1941. 451 F84B

10457 \*DELAY, C. Sur les trichoblastes des racines de *Limnium bagotense* Rich. (hydrocharidacées). Soc. Bot. de France. B. 88: 480-485. Jan./June 1941. 451 F84B

10458 DORMER, K. J. An investigation of the taxonomic value of shoot structure in angiosperms with especial reference to Leguminosae. Ann. Bot. [London] (n. s.) 9: 141-153. Apr. 1945. 450 An7

10459 DORMER, K. J. On the absence of a plumule in some leguminous seedlings. New Phytol. 44: 25-29. June 1945. 450 N42

10460 \*EICHHORN, A. Le noyau du *Lagarosiphon crispus*. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 461-463. Oct./Dec. 1943. 410.9 P213

10461 \*EMBERGER, L. L'homologie des organes reproducteurs femelles de *Ginkgo biloba*. Soc. Bot. de France. B. 89: 243-244. Oct./Nov. 1942. 451 F84B

10462 \*EMBERGER, L. Le sporange et la foliole sporangifère des fougères. Soc. Bot. de France. B. 89: 69-70. Apr./June 1942. 451 F84B

10463 \*FOURCROY, M. Connections anormales des faisceaux dans la tige de *Bryonia dioica*. Soc. Bot. de France. B. 90: 168-172. Oct./Dec. 1943. 451 F84B

10464 \*FOURCROY, M. Extinction progressive d'un faisceau caulinaire de bryone, demeuré libre de toute connection, dans le premier entre-nœud d'un rameau latéral. Soc. Bot. de France. B. 90: 215-219. Oct./Dec. 1943. 451 F84B

10465 \*FOURCROY, M. Sur une polystélie transitoire dans la racine de carotte. Soc. Bot. de France. B. 89: 237-239. Oct./Nov. 1942. 451 F84B

10466 \*FRÉMY, P. Observations sur la membrane de quelques *Closterium*. Soc. Bot. de France. B. 89: 240-243. Oct./Nov. 1942. 451 F84B

10467 FRITSCH, F. E. Observations on the anatomical structure of the Fucales. I. *Halidrys siliquosa* Lyngb. New Phytol. 44: 1-16. June 1945. 450 N42

10468 \*HOLDHEIDE, W. Rinden-anatomische untersuchungen. (Abs.) Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., No. 1, p. 43-46. Mar. 1944. 99.8 F775

10469 \*HOLLANDE, A. C. Le mécanisme de la formation du chromonéma au cours de la mitose somatique de la jacinthe. Soc. Bot. de France. B. 89: 244-245. Oct./Nov. 1942. 451 F84B

10470 \*LEANDRI, J. Sur la mitose dans une plante tricotyle de haricot. Soc. Bot. de France. B. 88: 421-424. Jan./June 1941. 451 F84B

10471 \*LITARDIÈRE, R. DE, and DOULAT, E. Recherches cytologiques sur le *Crambe maritima* L. - Le noyau somatique et l'évolution chromosomique. Soc. Bot. de France. B. 89: 123-126. Apr./June 1942. 451 F84B

10472 \*MACROU, J., BOUGET, J., and BOUGET, C. Sur un pied de pomme de terre dépourvu de tubercules. Inst. Pasteur [Paris] Ann. 71: 42-43. Jan./Feb. 1945. 448.3 An75



- 10473 MANTON, I. Chromosome length at the early meiotic prophase in *Osmunda*. *Ann. Bot.* [London] (n. s.) 9: 155-178. Apr. 1945. 450 An7
- 10474 MANTON, I. New evidence on the telephase split in *Todea barbara*. *Amer. J. Bot.* 32: 342-348. June 1945. 450 Am36
- 10475 MEITES, M. Remarques sur la fixation du chondriome de la cellule végétale, après action d'une substance apolaire. *Soc. Bot. de France. B.* 88: 410-413. Jan./June 1941. 451 F84B
- 10476 MULLER, F. S. 'N chromosoomstudie van 'n aantal spesies van die genus *Aloe* Linn.; mit spesiale verwysing na die morfologie en betekenis van die somatiese chromosome. *Pretoria. U. P. Ser. II, Natuurw.*, No. 8, 156 p. Pretoria, 1945. Ref. 410.9 P92
- 10477 NAST, C. G., and BAILEY, I. W. Morphology and relationships of *Trochodendron* and *Tetracentron*. II. Inflorescence, flower, and fruit. *Arnold Arboretum J.* 26: 267-275. July 1945. Ref. 451 Ar6J
- 10478 NILSEN, E. L. Cytology and breeding behavior of selected plants of *Poa pratensis*. *Bot. Gaz.* 106: 357-382. June 1945. 450 B652
- 10479 PARROT, A. G. Compléments à l'étude de l'adhérence foliaire. *Soc. Bot. de France. B.* 89: 93-95. Apr./June 1942. 451 F84B
- 10480 PARROT, A. G. Contribution à l'étude, la systématique et l'explication de l'adhérence foliaire. *Soc. Bot. de France. B.* 88: 450-456. Jan./June 1941. 451 F84B
- 10481 PARROT, A. G. Étude et interprétation d'une plantule de carotte, anormalement monocotylée. *Soc. Bot. de France. B.* 88: 472-479. Jan./June 1941. 451 F84B
- 10482 PARROT, A. G. Étude morphologique et anatomique d'une curieuse plantule de carotte. *Soc. Bot. de France. B.* 89: 100-102. Apr./June 1942. 451 F84B
- 10483 PITOT, A. Le fruit du *Cynoglossum pictum*, borraginacée. *Soc. Bot. de France. B.* 87: 256-260. Oct./Dec. 1940. 451 F84B
- 10484 PITOT, A. Sur l'évolution du bois primaire dans la racine de *Cedrus deodara*. *Soc. Bot. de France. B.* 89: 87-93. Apr./June 1942. 451 F84B
- 10485 REILHES, R. Actions expérimentales diverses sur les graines: contribution à l'étude de l'importance des téguments. *Soc. Bot. de France. B.* 88: 613-621. Oct./Nov. 1941. 451 F84B
- 10486 ROBBINS, W. J., and SCHMITT, M. B. Factor Z<sub>2</sub> and gametic reproduction by *Phycomyces*. *Amer. J. Bot.* 32: 320-326. June 1945. 450 Am36
- Factor Z<sub>2</sub> defined as any condition which allows the mycelia to join before the critical hydrium concentration has developed in the medium.
- 10487 SASS, J. E., and GREEN, J. M. Cytohistology of the reaction of maize seedlings to colchicine. *Bot. Gaz.* 106: 483-488. June 1945. 450 B652
- 10488 SCHNELL, R. L'aplatissement dorsoventral du limbe chez l'épicéa [*Picea abies*] et sa signification. *Soc. Bot. de France. B.* 88: 676-680. Oct./Nov. 1941. Ref. 451 F84B
- 10489 SCHNELL, R. Dimensions des pousses et gradient axial chez *Picea excelsa*. *Soc. Bot. de France. B.* 88: 812-815. Dec. 1941. 451 F84B
- 10490 SCHNELL, R. Rôle du cotylédon dans les corrélations chez la plantule de pois. *Soc. Bot. de France. B.* 89: 5-7. Jan./Mar. 1942. 451 F84B
- 10491 SNOW, E. Floral morphology of *Chrysanthemum nauseosum speciosum*. *Bot. Gaz.* 106: 451-462. June 1945. 450 B652
- 10492 SOUÈGES, R. Variantes dans les deux premiers groupes des périodes de la classification embryogénique. *Soc. Bot. de France. B.* 88: 602-608. Oct./Nov. 1941. 451 F84B
- 10493 STEPHENS, S. G. Some observations on leaf shape expressions in the *Malvaceae*. *Amer. Nat.* 79: 380-384. Aug. 1945. 470 Am36
- 10494 STOKEY, A. G. The gametophyte of *Dipteris conjugata*. *Bot. Gaz.* 106: 402-411. June 1945. 450 B652
- 10495 SWAMY, B. G. L., and THIRUMALACHAR, M. J. Homologies of the embryo sac of angiosperms. *Ann. Bot.* [London] (n. s.) 9: 179-182. Apr. 1945. 450 An7
- 10496 TREITEL, O. Elasticity of plant tissues. *Kans. Acad. Sci. Trans.* 47: 219-239. Dec. 1944. 500 K13T
- 10497 TUKEY, H. B., and CARLSON, R. F. Morphological changes in peach seedlings following after-ripening treatments of the seeds. *Bot. Gaz.* 106: 431-440. June 1945. 450 B652
- 10498 TURMEL, J. M. À propos de percements d'organes charnus par des rhizomes. *Soc. Bot. de France. B.* 90: 190-192. Oct./Dec. 1943. 451 F84B
- 10499 WITKUS, E. R. Endomitotic tapetal cell divisions in *Spinacia*. *Amer. J. Bot.* 32: 326-330. June 1945. 450 Am36

## GENETICS

- 10500 BOERGER, A. "La Estanzuela," centro de genética vegetal e investigación agronómica de la R. O. del Uruguay. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 54-62. 26 In553
- 10501 BOHN, G. W., and SCOTT, D. H. A second gene for uniform unripe fruit color in the tomato. *J. Hered.* 36: 169-172. June 1945. 442.8 Am3
- 10502 BONVICINI, M. Nuove attività genetiche dell'Istituto di Allevamento Vegetale di Bologna. *Ital. Agr.* 78: 369-382. May 1941. 16 It1
- 10503 BREAKWELL, E. J. Some post-war problems for the plant-breeder. *So. Austral. Dept. Agr. J.* 48: 385-387. Apr. 1945. 23 So84
- 10504 BROWN, W. S. County agent and Georgia Institute of Genetics improve seed. *Ext. Serv. Rev.* 16: 100-101. July 1945. 1 Ex892Ex
- 10505 COIC, Y. Hérité des caractères biochimiques chez les végétaux. *Ann. Agron.* [Paris] (n. s.) 12: 361-390. July/Sept. 1942. 14 An75A
- 10506 CRESCINI, F. Genesi sperimentale di nuove forme coltivate e possibilità dei mezzi attuali. *Ital. Agr.* 78: 13-20. Jan. 1941. 16 It1
- 10507 CRESCINI, F. Il "Rafanobrassica" (*Raphanus sat. x Brassica oler.*). *Ital. Agr.* 79: 253-258. May 1942. 16 It1
- 10508 IVANOFF, S. S. Expression of certain hereditary factors in Yellow Bermuda onions induced by unseasonable planting in the greenhouse. *Bot. Gaz.* 106: 411-420. June 1945. 450 B652
- 10509 LANGHAM, D. G. El carácter glabro en el ajonjolí (*Sesamum indicum* L.). *Agr. Venezol.* 9 (105/106): 19-20. Jan./Feb. 1945. 9.95 Ag8
- 10510 LANGHAM, D. G., and CORTEZ M., R. Herencia del número de glándulas en el ajonjolí. *Agr. Venezol.* 9 (105/106): 18-19. Jan./Feb. 1945. 9.95 Ag8
- 10511 RIZET, G. La valeur génétique des périodes nées sur des souches polycaryotiques chez le *Podospora anserina*. *Soc. Bot. de France. B.* 88: 517-520. Jan./June 1941. 451 F84B
- 10512 SAKHAROV, V. V., FROLOVA, S. L., and MANSUROVA, V. V. Autotetraploidy in different varieties of buckwheat (*Fagopyrum esculentum*). *Acad. des Sci. de l'U. R. S. S. Compt. Rend.* 46: 79-82. Jan. 20, 1945. 511 P444
- 10513 SOSA-BOURDOUIL, C. Sur l'hérédité et le chimisme des plantes à fleurs doubles chez *Matthiola*. *Soc. Bot. de France. B.* 90: 158-160. Oct./Dec. 1943. 451 F84B

## PHYSIOLOGY

- 10514 ÅBERG, E., WIEBE, G. A., and DICKSON, A. D. Ash content of barley awns and kernels as influenced by location, season, and variety. *Amer. Soc. Agron. J.* 37: 583-586. July 1945. 4 Am34P



- 10515 ALWAY, F. J., and NESOM, G. H. Influence of phosphorus deficiency of the soil on the protein content of alfalfa. *Amer. Soc. Agron. J.* 37: 555-569. July 1945. 4 Am34P
- 10516 \*ARNAUD, R., and IGOLEN, G. L'emploi des hormones de croissance dans le bouturage de la lavande et du lavandin. *Parfumerie* 2: 41-42. Mar./Apr. 1944. 308.8 P212
- 10517 \*BABKO, E., and SHENURENKOVA, N. P. Effect of selenious and selenic acids on development of plants. *Acad. des Sci. de l'U. R. S. S. Compt. Rend.* 46: 115-116. Jan. 30, 1945. 511 P444
- 10518 BAKER, F. S. Effects of shade upon coniferous seedlings grown in nutrient solutions. *J. Forestry* 43: 428-435. June 1945. 99.8 F768
- 10519 BARTHOLOMEW, E. T., and SINCLAIR, W. B. Navel orange peel oil and water spot. *Calif. Citrog.* 30: 266. July 1945. 80 C125
- 10520 BEAL, J. M., and WHITING, A. G. Effect of indoleacetic acid in inhibiting stem abscission in *Mirabilis jalapa*. *Bot. Gaz.* 106: 420-431. June 1945. 450 B652
- 10521 \*BELVAL, H., and TURMEL, J. M. Sur la biologie du genre *Eryngium*. *Soc. Bot. de France. B.* 89: 261-263. Dec. 1942. 451 F84B
- 10522 \*BENASSI, P. Influenza della luce notturna sulla vegetazione delle piante arboree. *Ital. Agr.* 80: 327-332. June 1943. 16 It1
- 10523 BOND, T. E. T. Studies in the vegetative growth and anatomy of the tea plant (*Camellia thea* Link.) with special reference to the phloem. II. Further analysis of flushing behaviour. *Ann. Bot. [London], (n. s.)* 9: 183-216. Apr. 1945. 450 An7
- 10524 \*COIC, Y. Influence de la maladie de l'enroulement sur la composition chimique du tubercule de pomme de terre. *Acad. d'Agr. de France. Compt. Rend.* 29: 224-226. Apr. 14/May 5, 1943. 14 P215Bc
- 10525 CRAFT, J. H. A note on some photoperiodic responses of *Kalanchoë daigremontiana*. *W. Va. Acad. Sci. Proc.* (1944) 17: 35-38. 1945. 500 W52
- 10526 \*CUGNAC, A. Observations biologiques sur la floraison de *Pennisetum clandestinum* Hochst. *Soc. Bot. de France. B.* 88: 636-639. Oct./Nov. 1941. 451 F84B
- 10527 \*CUGNAC, A. DE. À propos de la floraison des *Paulownia* à Paris en 1941. *Soc. Bot. de France. B.* 88: 685-686. Oct./Nov. 1941. 451 F84B
- 10528 \*DONÀ DALLE ROSE, A. Alcune osservazioni sul fotoperiodismo nella coltivazione della soja. *Ital. Agr.* 80: 445-448. Sept. 1943. 16 It1
- 10529 DONNELLY, W., and BECK, W. A. The respiration of growing plant cells. *Plant Physiol.* 20: 448-452. July 1945. 450 P692
- 10530 \*DRAGHETTI, A. Fattori di crescita dei vegetali nei loro rapporti presumibili con l'humus. *Ital. Agr.* 79: 339-342. July 1942. 16 It1
- 10531 DRAKE, R. M. The development of viable seed in yellow star thistle plants under various conditions. *Calif. Dept. Agr. B.* 34: 89-91. Apr./June 1945. 2 C12M
- 10532 EAMES, A. J., and COX, L. G. A remarkable tree-fall and an unusual type of graft-union failure. *Amer. J. Bot.* 32: 331-335. June 1945. 450 Am35
- Incomplete graft union of a white fir tree (*Abies concolor*) with another species of fir.
- 10533 EATON, F. M., and RIGLER, N. E. Effect of light intensity, nitrogen supply, and fruiting on carbohydrate utilization by the cotton plant. *Plant Physiol.* 20: 380-411. July 1945. 450 P692
- 10534 FENNELL, J. I. Timing and production of grape pollen by grafting. *J. Hered.* 36: 183-185. June 1945. 442.8 Am3
- Pollen made available for breeding.
- 10535 FLINT, L. H., and MORELAND, C. F. Note on gall formation in decapitated young bean plants. *Plant Physiol.* 20: 453-456. July 1945. 450 P692
- 10536 \*FRANQUET, R. Observations sur la germination de la pomme de terre. *Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2)* 14: 473-476. Oct./Dec. 1942. 410.9 P213
- 10537 FRANZKE, C. J., and HUME, A. N. Effect of manure, moisture, and mechanical injury on the hydrocyanic acid content of sorghum. *Amer. Soc. Agron. J.* 37: 523-531. July 1945. 4 Am34P
- 10538 \*FRIEDBERG, L. Notions comparées de fluctuation et de variation dans l'amélioration des plantes. *Ann. Agron. [Paris], (n. s.)* 12: 391-420. July/Sept. 1942. 14 An75A
- 10539 FRIES, N. X-ray induced mutations in the physiology of *Ophiostoma*. *Nature [London]* 155: 757-758. June 23, 1945. 472 N21
- 10540 GARCÍA-MOLINARI, O. The supply of exchangeable cations to plants. *Rev. de Agr., Indus. y Com. de Puerto Rico* 35: 235-239. May/Dec. 1944. 8 R325
- 10541 \*GASPARINI, M. L'influenza dei freddi precoci sulla nascita e sullo sviluppo dei frumenti. *Ital. Agr.* 78: 171-175. Mar. 1941. 16 It1
- 10542 GASTLER, G. F. The effects of certain salts on the saccharogenic activity of three typical enzymes. *S. Dak. Acad. Sci. Proc.* (1943) 23: 38-44. June 1944. 500 S82
- 10543 GOODALL, D. W. The distribution of weight change in the young tomato plant. I. Dry-weight changes of the various organs. *Ann. Bot. [London], (n. s.)* 9: 101-139. Apr. 1945. 450 An7
- 10544 GRACE, N. H. Liberation of growth stimulating materials by rooting *Salix* cuttings. *Canad. J. Res. Sect. C, Bot. Sci.* 23: 85-93. June 1945. 470 C16C
- 10545 GRATZ, L. O. Science means much to citrus; how mineral nutrient discoveries saved the day. *Fla. Grower* 53(7): 13, 15. July 1945. 80 F6622
- 10546 GRIGSBY, B. H. The inhibition of pollen production in ragweed by the use of chemical sprays. *Science* 102: 99-100. July 27, 1945. 470 Sc12
- 10547 \*GRISON, P. Remarques sur la tubérisation de *Solanum demissum* L., notamment dans une culture en "jours courts." *Ann. Agron. [Paris], (n. s.)* 14: 98-103. Jan./Mar. 1944. 14 An75A
- 10548 \*GUILLERMOND, A. À propos d'une communication de M. Nobécourt: Nouvelles recherches sur la culture des tissus. *Soc. Bot. de France. B.* 87: 226-231. Oct./Dec. 1940. 451 F84B
- 10549 HAAS, A. R. C. Boron in citrus trees. *Plant Physiol.* 20: 323-343. July 1945. 450 P692
- 10550 HAWKER, L. E. Fungi and vitamins. *Roy. Col. Sci., London. Sci. J.* 14: 65-78. 1944. 501 L8484
- Effect of vitamins.
- 10551 HEATH, O. V. S. Formative effects of environmental factors as exemplified in the development of the onion plant. *Nature [London]* 155: 623-626. May 26, 1945. 472 N21
- 10552 HYDE, H. A., and WILLIAMS, D. A. Studies in atmospheric pollen. II. Diurnal variation in the incidence of grass pollen. *New Phytol.* 44: 83-94. June 1945. 450 N42
- 10553 JACQUES, W. A. Root development in some common New Zealand pasture plants. IV. A method of root separation. *New Zeal. J. Sci. and Technol. Sect. A, Agr.* 26: 367-371. Apr. 1945. 514 N48A
- 10554 \*JAEGER, P. À propos de la germination des graines de *Gentiana lutea*. *Soc. Bot. de France. B.* 89: 145-149, 210-214. July/Sept., Oct./Nov. 1942. 451 F84B
- 10555 JOHNSON, L. P. V. Development of sexual and vegetative organs on detached forest tree branches cultured in the greenhouse. *Forestry Chron.* 21: 130-136. June 1945. 99.8 F7623
- 10556 \*JULÉN, G. Vitamin C metabolism in potatoes. *Sweden. Lantbrukshögsk. Ann.* 12: 131-165. 1944/45. 104 Up6



- 10557 \*KAZANDZHIEV, M. Edno vazhno s"veshchanie po fiziologia na rastaniata [Conference on plant physiology]. Spis. Zeml. Izp. Inst. B'lgariia (Rev. Insts. de Rech. Agron. en Bulgarie) 11(1): 110-114. Revised Jan./Mar. 1941. 106.3 R32
- 10558 \*KOBEL, F. Der junifall. Schweiz. Z. f. Obst- u. Weinbau 54: 223-225. June 23, 1945. 80 Sch9  
Freharvest drop of apple and pear.
- 10559 \*KONSTANTINOV, N. N. On the influence of the stock upon the scion in cotton. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 159-161. Feb. 10, 1945. 511 P444
- 10560 \*KRUPENIKOV, I. A. Response of certain wild-rose species to high salt concentrations in soils. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 162-164. Feb. 10, 1945. 511 P444
- 10561 \*KUHN, R., MOEWUS, F., and LOW, I. Über die pflanzenphysiologische spezifität von quercetin-derivaten. Deut. Chem. Gesell. Ber. 77: 219-220. Apr. 26, 1944. 384 B45
- 10562 KUMM, J., and FRENCH, C. S. The evolution of oxygen from suspensions of chloroplasts; the activity of various species and the effects of previous illumination of the leaves. Amer. J. Bot. 32: 291-295. June 1945. Ref. 450 Am36
- 10563 \*LATARJET, R. Actions primaires comparées des rayons X et ultraviolets sur la levure Saccharomyces ellipsoïdes. Inst. Pasteur [Paris]. Ann. 70: 277-285. Sept./Oct. 1944. 448.3 An75
- 10564 LIN, C. K. Nutrient requirements in the germination of the conidia of *Glomerella cingulata*. Amer. J. Bot. 32: 296-298. June 1945. 450 Am36
- 10565 LOVVORN, R. L. The effect of defoliation, soil fertility, temperature and length of day on the growth of some perennial grasses. Amer. Soc. Agron. J. 37: 570-582. July 1945. 4 Am34P
- 10566 \*LUNDEGARDH, H., and BURSTRÖM, H. On the sugar consumption and respiration of wheat roots at different pH values. Sweden. Lantbrukshögsk. Ann. 12: 51-69. 1944/45. 104 Up6
- 10567 \*LWOFF, A., and DUSI, H. Recherches sur la nutrition des flagellés. I. - *Polytoma uvella* et *Polytoma obtusum*: nécessité du fer, nutrition azotée. Inst. Pasteur [Paris]. Ann. 67: 229-239. Oct. 1941. 448.3 An75
- 10568 MCCULLEY, R. D. Germination of longleaf pine seed at high and low temperatures. J. Forestry 43: 451-452. June 1945. 99.8 F768
- 10569 \*MADUENO BOI, M. Las hormonas vegetales substancias de crecimiento. Agricultura [Madrid]. 14: 187-189. Apr. 1945. 15 Ag84
- 10570 \*MAGROU, J., and MARIAT, F. Action de l'aneurine sur le développement des embryons d'orchidées. Inst. Pasteur [Paris]. Ann. 71: 49-51. Jan./Feb. 1945. 448.3 An75
- 10571 \*MAGROU, J. Remarques sur la biologie de la pomme de terre. Inst. Pasteur [Paris]. Ann. 66: 249-283. Apr. 1941. 448.3 An75
- 10572 \*MARCHAL, J. G., and MAZURIER, A. Culture in vitro de cellules végétales isolées. Soc. Bot. de France. B. 91: 76-77. 1944. 451 F84B
- 10573 \*MARCHI, V. Ricerche sulla jarovizzazione a caldo. Ital. Agr. 79: 264-266. May 1942. 16 It1
- 10574 \*MARSAIS, P. La mesure de la température des organes végétaux dans ses rapports avec la lutte contre les gelées. Acad. d'Agr. de France. Compt. Rend. 29: 412-416. Sept. 1943. 14 P215Bc  
Experiments with grapes.
- 10575 MARTE, P. C., and DAVIS, F. F. Relation of temperature to the selective herbicidal effects of 2, 4-dichlorophenoxyacetic acid. Bot. Gaz. 106: 463-472. June 1945. 450 B652
- 10576 \*MAUME, L., and DULAC, J. Observations sur la physiologie de la nutrition du blé au cours de périodes critiques; conséquences agronomiques de cette étude pour des blés cultivés dans le midi de la France. Ann. Agron. [Paris]. (n. s.) 12: 193-223. Apr./June 1942. 14 An75A
- 10577 \*MEITES, M. Action de l'eau benzinée sur la structure de la cellule végétale (Contribution à l'étude physiologique et chimique de la cellule). Soc. Bot. de France. B. 89: 79-87. Apr./June 1942. 451 F84B
- 10578 \*MEITES, M. Perméabilité de la feuille isolée d'*Elodea canadensis* Rich. à l'égard du rouge neutre. Soc. Bot. de France. B. 90: 187-139. Oct./Dec. 1943. 451 F84B
- 10579 MYHRE, A. S., and SCHWARTZ, C. D. Hormones and the propagation of certain evergreens. Arboretum B. 8(2): 14-15, 20-24. Summer 1945. 451 Ar1
- 10580 \*NÉTEN, G. Influence du climat alpin sur le chimisme des feuilles de *Dryas octopetala* L. au cours d'un cycle de végétation. Soc. Bot. de France. B. 89: 149-153, 214-216. July/Sept., Oct./Nov. 1942. 451 F84B
- 10581 \*NICHIPOROVICH, A. A., and IVANITZKAYA, E. F. On the working conditions of the foliage as a factor of differentiation of laticiferous vessels in kok-saghyz roots. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 36-39. Jan. 10, 1945. 511 P444
- 10582 \*NOBÉCOURT, P. Sur la culture illimitée des tissus végétaux. Soc. Bot. de France. B. 89: 12-14. Jan./Mar. 1942. 451 F84B
- 10583 \*NOBÉCOURT, P. Sur le développement de fragments aseptiques du tubercule de chou-rave. Soc. Bot. de France. B. 90: 201-203. Oct./Dec. 1943. 451 F84B
- 10584 NUTILE, G. E. Inducing dormancy in lettuce seed with coumarin. Plant Physiol. 20: 433-442. July 1945. 450 P692
- 10585 OLMSTED, C. E. Growth and development in range grasses. V. Photoperiodic responses of clonal divisions of three latitudinal strains of side-oats grama [*Bouteloua curtipendula*]. Bot. Gaz. 106: 382-401. June 1945. 450 B652
- 10586 OVERBEEK, J. VAN, and GREGORY, L. E. A physiological separation of two factors necessary for the formation of roots on cuttings. Amer. J. Bot. 32: 336-341. June 1945. Ref. 450 Am36  
Both auxin and a factor (or complex) present in the leaves of red hibiscus (*Hibiscus rosa sinensis*) are essential in root formation in a white-flowered *Hibiscus* hybrid.
- 10587 OVERBEEK, J. VAN, OLIVO, G. D., and SANTIAGO DE VÁSQUEZ, E. M. A rapid extraction method for free auxin and its application in geotropic reactions of bean seedlings and sugar-cane nodes. Bot. Gaz. 106: 440-451. June 1945. Ref. 450 B652
- 10588 POPE, M. N. Ash content of barley plant parts when grown on two different soils. Amer. Soc. Agron. J. 37: 582-583. July 1945. 4 Am34P
- 10589 \*POTAPENKO, A. I. On the adaptation value of the photoperiodic reaction in plants. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 119-121. Jan. 30, 1945. 511 P444
- 10590 \*REILHES, R. Germinations de graines mutilées: contribution à l'étude de l'importance de l'albumen. Soc. Bot. de France. B. 89: 102-104. Apr./June 1942. 451 F84B
- 10591 \*RICHTER, A. A., SUKHORUTOV, K. T., and OSTAPENKO, L. A. Photosynthesis and development of plants. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 40-41. Jan. 10, 1945. 511 P444
- 10592 \*RICHTER, A. A., SUKHORUKOV, K. T., and OSTAPENKO, L. A. Photosynthesis and growth. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 165-167. Feb. 10, 1945. 511 P444



- 10593 ROACH, W. A. Analisis de la deficiencia de ciertos minerales en la constitución de las plantas. Campo [Buenos Aires, 29(343): 38. May 1945. 9 C15
- 10594 ROBBINS, W. J. Sugar is the foundation of all life. Lamborn Sugar Market Rpt. 23: 157, 160. July 17, 1945. 286.86 L17
- Importance of plants in photosynthesis of sugar.
- 10595 \*SCHERBER, R. Wassertropfen an blättern. Natur u. Volk 72: 212-214. Sept. 1, 1942. 509 F856
- Secretions occurring on *Alchemilla vulgaris*.
- 10596 SCHOFIELD, J. L. The effects of season and frequency of cutting on the productivity of various grasses under coastal conditions in northern Queensland. Queensland J. Agr. Sci. 1: 1-58. Dec. 1944. 23 Q37
- 10597 SCHRANK, A. R. Effect of mechanical stimulation on the electrical and curvature responses in the *Avena coleoptile*. Plant Physiol. 20: 344-358. July 1945. 450 P692
- 10598 SNOW, R. Further experiments on torsions of leaves. New Phytol. 44: 70-82. June 1945. 450 N42
- 10599 \*SVESHNIKOV, B. I. A. Novye eksperimental'nye dannye o mekhanizme fotosinteza (New experimental data on the mechanism of photosynthesis). Priroda 33(4): 29-44. 1944. 410 P933
- 10600 \*TUMMEL, J. M. Multiplication végétative de *Eryngium planum* L. Soc. Bot. de France. B. 90: 165-167. Oct./Dec. 1943. 451 F84B
- 10601 \*ULRICH, R. Influence des blessures sur le métabolisme azoté de quelques fruits. Soc. Bot. de France. B. 87: 325-332. Oct./Dec. 1940. 451 F84B
- 10602 \*ULRICH, R. Variations de composition des fruits de lierre précédant leur chute prématurée. Soc. Bot. de France. B. 88: 492-499. Jan./June 1941. 451 F84B
- 10603 \*VINET, E. Contribution a l'étude du rôle physiologique du potassium chez la vigne. Ann. Agron. [Paris, (n. s.) 12: 224-239. Apr./June 1942. 14 An75A
- 10604 VOTH, P. D. Effect of algastatic agents on *Marchantia*. Bot. Gaz. 106: 472-483. June 1945. 450 B652
- Effect of copper salts, potassium permanganate, and aromatic diamidines on growth of algae and vigor of clones of *Marchantia polymorpha*.
- 10605 WALSH, T., and CLARKE, E. J. A chlorosis of tomatoes in relation to potassium and magnesium nutrition. Roy. Hort. Soc. J. 70: 202-207. July 1945. 84 L84J
- 10606 WARD, K. M. The treatment of little-leaf of deciduous fruit trees. Queensland J. Agr. Sci. 1: 59-76. Dec. 1944. 23 Q37
- 10607 WEAVER, J. E., and ZINK, E. Extent and longevity of the seminal roots of certain grasses. Plant Physiol. 20: 359-379. July 1945. 450 P692
- 10608 WENT, F. W., and CARTER, M. Wounding and sugar translocation. Plant Physiol. 20: 457-460. July 1945. 450 P692
- BIOCHEMISTRY
- 10609 \*AUGIER, J. Le raffinose dans le *Ginkgo biloba* L. Soc. Bot. de France. B. 89: 113-115. Apr./June 1944. 451 F84B
- 10610 \*BARTHELMMESS, A. Erbgut und gehalt an vitamin C bei pflanzen. Z. f. die Gesam. Naturw. 9: 124-130. Apr./June 1943. 509 Z3
- 10611 \*BELVAL, H. Sur les fructosanes du genre *Allium*. Soc. de Chim. Biol. B. 25: 64-67. Jan./Mar. 1943. 383 Sol
- 10612 BENNETT, E. A note on the presence of pyruvic acid in Ebenezer onions. Plant Physiol. 20: 461-463. July 1945. 450 P692
- 10613 BERINZAGHI, B., and others. Studies on Argentine plants. VII. The structure of  $\gamma$ -fagarine [isolated from *Fagara coco*]. J. Organic Chem. 10: 181-183. May 1945. Ref. 381 J827
- A. Muruzabal, R. Labriola, and V. Deulofeu, joint authors.
- 10614 BOWEN, C. V. Alkaloids in *Nicotiana attenuata* and *Nicotiana trigonophylla*. Amer. Pharm. Assoc. J. 34: 109. July 1945. 396.9 Am33J
- 10615 BRIAN, P. W., HEMMING, H. G., and MCGOWAN, J. C. Origin of a toxicity to mycorrhiza in Wareham Heath soil. Nature [London, 155: 637-638. May 26, 1945. 472 N21
- Study of gliotoxin produced by *Penicillium* spp. and its toxicity to mycorrhizal fungi.
- 10616 \*CHAMINADE, R. Observations sur la composition minérale du tubercule de pomme de terre. Ann. Agron. [Paris, (n. s.) 12: 45-58. Jan./Mar. 1942. 14 An75A
- 10617 \*COLIN, H., and BOUGY, E. Le calcium et le magnésium dans la betterave. Assoc. des Chim. B. 60: 104-117. Mar./Apr. 1943. 383 As7
- 10618 \*COLIN, H., and BELVAL, H. Les fructosanes et leur identification. Soc. Bot. de France. B. 87: 341-344. Oct./Dec. 1940. 451 F84B
- 10619 DEULOFEU, V., and GATTI, A. Studies on Argentine plants. VI. Hydroxylupanine in *Lupinus hirsutus*. J. Organic Chem. 10: 179-180. May 1945. 381 J827
- 10620 DUSTMAN, R. B. Sugar distribution in the blossoms and fruit of three varieties of apple. W. Va. Acad. Sci. Proc. (1944) 17: 42-46. 1945. 500 W52
- 10621 FILIPELLO, F. Enzymes. Wines & Vines 26(4): 55, 58-60. Apr. 1945. 95.8 C122
- 10622 FOSTER, W. E. The supposed presence of formaldehyde-polymerizing enzymes in green leaves. New Phytol. 44: 17-24. June 1945. 450 N42
- 10623 \*FRANQUET, R. Effets de la dessiccation sur la constitution glucidique des germes de pomme de terre. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 486-488. Oct./Dec. 1943. 410.9 P213
- 10624 \*GUYON, G. Observations sur les variations du taux d'azote du grain de blé au cours de sa formation. Ann. Agron. [Paris, (n. s.) 11: 7-20. Jan./June 1941. 14 An75A
- 10625 HOROWITZ, N. H., and others. Genic control of biochemical reactions in *Neurospora*. Amer. Nat. 79: 304-317. Aug. 1945. 470 Am36
- D. Bonner, H. K. Mitchell, E. L. Tatum, and G. W. Beadle, joint authors.
- 10626 HOROWITZ, N. H. On the evolution of biochemical syntheses. Natl. Acad. Sci. Proc. 31: 153-157. June 15, 1945. 500 N21P
- 10627 IRVING, G. W., JR., FONTAINE, T. D., and DOOLITTLE, S. P. Lycopersicin, a fungistatic agent from the tomato plant. Science 102: 9-11. July 6, 1945. 470 Sc12
- An antibiotic agent from *Fusarium* wilt-resistant tomatoes.
- 10628 JACQUES, C. *Duboisia myoporoides*. New Caledonia. Chambre d'Agr. Rev. Agr., Jan. 1945, p. 5408-5409. 25 N43
- Source of hyoscyne.
- 10629 JOHNSON, L. P. V., YOUNG, G. A., and MARSHALL, J. B. A note on the production of vitamin C by sprouting seeds. Sci. Agr. 25: 499-503. Apr. 1945. 7 Sc12
- 10630 \*KUHN, R., and LOW, I. Über das flavonolglykosid aus *Crocus*-pollen. Deut. Chem. Gesell. Ber. 77: 196-202. Apr. 26, 1944. 384 B45
- 10631 \*LANGAWANKAR, J. D., PHALNIKAR, N. L., and BHIDE, B. V. Chemical investigation of *Hygrophylla* [sic,] *spinosa* (N. O. Acanthaceae). Bombay U. J., Sect. A, Phys. Sci. (n. s.) 13(5): 15-17. Mar. 1945. 513 B633



- 10632 \*LEGAT, P. Note sur la répartition de l'acide ascorbique chez trois plantes du genre *Arum*. Soc. Bot. de France. B. 89: 234-236. Oct./Nov. 1942. 451 F84B
- 10633 \*LEMESLE, R. De l'existence de complexes tanin-mucilage chez certaines phanérogames (*Ginkgo biloba* L. et quelques espèces de *Myristica*). Soc. Bot. de France. B. 88: 424-427. Jan./June 1941. 451 F84B
- 10634 \*LUNDEGARDE, H., SANDEGREEN, E., and LUNDIN, H. Über den gehalt der malzgerste en amylase, aneurin und mineralstoffen. Sweden. Lantbrukshögsk. Ann. 12: 172-185. 1944/45. 104 Up6
- 10635 MCNAIR, J. B. Inactivation of the irritant toxicants of poison ivy and poison oak. Science 102: 16. July 6, 1945. 470 Sci2
- 10636 \*CEATON, F. La phosphorescence de *Clitocybe olearia* (Fries ex de Candolle) R. Maire. Soc. Bot. de France. B. 90: 213-215. Oct./Dec. 1943. 451 F84B
- 10637 \*POBEGUIN, T. Les oxalates de calcium chez les végétaux: remarques sur deux modes d'études physiques. Soc. Bot. de France. B. 89: 252-256. Dec. 1942. 451 F84B
- 10638 \*POBEGUIN, T. Sur la formation de tartrate de calcium dans le mucilage des tiges et des feuilles de *Zebrina pendula*, Schnizl. Soc. Bot. de France. B. 87: 363-366. Oct./Dec. 1940. 451 F84B
- 10639 \*POBEGUIN, T. Sur l'existence de deux formes de tartrate de calcium dans le mucilage des tiges de *Zebrina pendula* Schnizl. Soc. Bot. de France. B. 88: 808-811. Dec. 1941. 451 F84B
- 10640 \*PREVOT, A. R., and LOTH, R. Recherches biochimiques sur *Clostridium fallax* (W. et S.) et *Clostridium pseudo-fallax* nov. spec. Inst. Pasteur, Paris. Ann. 67: 244-247. Oct. 1941. 448.3 An75
- 10641 \*SCHMID, H., and KARRER, P. Über wasserlösliche inhaltstoffe von *Papaver somniferum* L. Helvetica Chim. Acta 28: 722-740. 1945. 385 H36
- 10642 \*SCHUNCK DE GOLDFIEM, J. Étude chimique de *Balanites aegyptiaca* (Del.). Soc. Bot. de France. B. 89: 236-237. Oct./Nov. 1942. 451 F84B
- 10643 \*SOSA-BOURDOUIL, C. Effets de la castration sur le chimisme de la fleur. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 489-492. Oct./Dec. 1943. 410.9 F213
- 10644 \*SOSA-BOURDOUIL, C. Répartition de l'acide ascorbique dans quelques fougères du Muséum. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 477-479. Oct./Dec. 1942. 410.9 F213
- 10645 \*SOSA-BOURDOUIL, C. Sur les baies de quelques solanées et leur teneur en acide ascorbique (Vitamine C). Soc. Bot. de France. B. 87: 322-324. Oct./Dec. 1940. 451 F84B
- 10646 \*SOSA-BOURDOUIL, C. Sur les fleurs de *Typha* et de *Nymphaea* et leur pouvoir oxydant vis-à-vis de la vitamine C. Soc. Bot. de France. B. 88: 660-663. Oct./Nov. 1941. 451 F84B
- 10647 STODOLA, F. H., and others. Penitric acid, a new pigment from *Penicillium notatum*. J. Biol. Chem. 159: 67-70. June 1945. 381 J824
- J. L. Wachtel, A. J. Moyer, and R. D. Coghill, joint authors.
- 10648 WINKLER, A. J., and WILLIAMS, W. O. Starch and sugars of *Vitis vinifera*. Plant Physiol. 20: 412-432. July 1945. Ref. 450 P692
- 10652 DOWE, R. H. Red cedars [*Toona australis*, from "Land" seed make good growth. Land [Sydney], No. 1744, p. 9. May 4, 1945. 23 L22
- 10653 \*FABRICIUS, L. Erziehung völlig astreinen Kiefern- und fichtenholzes. Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., No. 3, p. 159-167. Sept. 1944. 99.8 F775
- Experiments in growing branchless pines and spruces
- 10654 HEIT, C. E. Fall planting of hardwood trees seed. Farm Res. [N. Y. State Sta.], 11(3): 14-15. July 1945. 100 N48A
- 10655 \*KRAHL-URBAN. Lichtwuchsbetrieb in buchen-eichen-mischbeständen; ein beispiel aus dem hochschulforstent freienwalde der Forstlichen Hochschule Eberswalde. Deut. Forstwirt 26: 177-180. June 9, 1944. 99.8 D483
- Favoring growth by the admission of light in beech-oak-mixed stands.
- 10656 \*LEIBUNDGUT, H. Über die waldbauliche behandlung der eiche. Schweiz. Z. f. Forstw. 96: 49-58. Mar. 1945. 99.8 Soh9
- 10657 \*OLBERG. Die lärchenanbauten in der grafenschaft Boitzenburg im 18. Jahrhundert. Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., No. 3, p. 191-199. Sept. 1944. 99.8 F775
- 10658 \*PATRONE, G. Turno e incremento di produzione legnosa. Ital. Agr. 79: 317-321. June 1942. 16 It1
- 10659 PÉREZ ARBELAEZ, E. Maderas. Árboles 2: 242-244. May 1945. 99.8 Ar16
- On the choice of species for reforestation in Colombia.
- 10660 \*RECHTERN. Der buchenlichtwuchsbetrieb in der praxis. Deut. Forstwirt 26: 185-187, 193-195. June 16, 23, 1944. 99.8 D483
- 10661 SCHANTZ-HANSEN, T. The effect of planting methods on root development. J. Forestry 43: 447-448. June 1945. 99.8 F768
- Experiments with pines and spruce.
- 10662 SCHIFANI, A. Breves instrucciones sobre el cultivo del alamo. Suelo Argentino 4: 370-371, 404. June 1945. 9 Su2
- 10663 SCHREINER, E. J. How sod affects establishment of hybrid poplar plantations. J. Forestry 43: 412-427. June 1945. 99.8 F768
- 10664 TACCARI, I. A. Breves consideraciones sobre el cultivo forestal. Campo [Buenos Aires] 29(343): 34-35, 58. May 1945. 9 C15
- 10665 WADSWORTH, F. H. Further notes on the regeneration and growth of *Tabebuia pallida* Miers. Caribbean Forester 6: 267-272, processed. July 1945. 1.9622 T2C23
- Spanish translation, p. 269-271; French résumé, p. 272.
- 10666 WADSWORTH, F. H. The potentialities of forestry on Mona Island. Caribbean Forester 6: 219-244, processed. July 1945. 1.9622 T2C23
- Spanish translation, p. 231-243; French résumé, p. 243-244.
- 10667 \*WECK. Die "gute mischung" im dauerwald. Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., No. 3, p. 200-209. Sept. 1944. 99.8 F775
- 10668 WIGGINS, A. H. Regeneration of trees in Western Division [Australia]. Country Life [Sydney] 56(44, Stud Sheep Sup.): 20. May 18, 1945. 286.85 Sy2
- 10669 \*ZIMMERLE, H. Über lichtungszuwachs bei rotbuche und seine ermittlung. Deut. Forstwirt 26: 202-205. June 30, 1944. 99.8 D483

## SILVICULTURE

- 10649 BEARER, V. M. Restoration of strip-mined lands. Forest Leaves 35(2): 7-8. May/June 1945. 99.8 F763
- Deals chiefly with factors affecting reforestation.
- 10650 BOOTH, H. A. Natural regeneration: a practical example. Q. J. Forestry 39: 21-24. Jan. 1945. 99.8 Q2
- 10651 BULL, H. Increasing the growth of loblolly pine by girdling large hardwoods. J. Forestry 43: 449-450. June 1945. 99.8 F768

## FIELD CROPS

Includes articles on general agronomy and on crop varieties, breeding, cultural practices, and yield.

## General

- 10670 BONNERUP, I. Rotation of crops. Westralian Farmers' News 6(288): 1, 6. Apr. 12, 1945. 280.28 W523



- 10671 \*FORTI, N. Rotazioni agrarie in provincia di Teramo. Ital. Agr. 79: 600-606. Nov. 1942. 16 Itl
- 10672 \*GAROLA, J., and CADIER, R. Observations sur quelques cultures nouvelles en Beauce. Ann. Agron. [Paris] (n. s.) 13: 275-287. July/Sept. 1943. 14 An75A
- Culture of sweet corn, poppy, sunflower, and Jerusalem artichoke.
- 10673 \*KAZAKEVICH, L. I. Amerikanski i sizyi volosnetsy--novye perspektivnye kormovye zlakovye travy na Iugo-vostoke [American and dove-colored wild rye, Elymus, new forage cereal grasses in the South-east]. Inst. Zern. Khoz. Iugo-Vostoka SSSR. Inform. nauch. B. 2, p. 17-20. Oct. 1943. 20 Sa7
- 10674 \*KONOLD, O. Untersuchungen an anbaue-mengen mit hülsenfrüchten und getreide. Pflanzenbau 20: 49-60. Dec. 1943. 18 P48
- 10675 \*OLIVA, A. Le vie nuove dell'agronomia. Ital. Agr. 78: 421-429. June 1941. 16 Itl
- Cereals
- 10676 \*ALESSANDRETTI, C. I vantaggi offerti dall'impiego di sementi di grano a peso unitario medio. Ital. Agr. 78: 383-388. May 1941. 16 Itl
- Experiments with wheat.
- 10677 ARGENTINA. MINISTERIO DE AGRICULTURA. Distribución de las variedades de trigo aconsejadas por el Tribunal de Fiscalización de Semillas para la siembra del año 1945. Argentina. Dir. de Inform. P. Misc. 184, 14 p. Buenos Aires, 1945. 9 P943
- 10678 \*BATTAGLINI, G. Varietà di granoturco nane precoci selezionate. Ital. Agr. 79: 577-579. Nov. 1942. 16 Itl
- 10679 CANETE, L. Instrucciones para las labores de cultivos en los arrozales. Cuba. Min. de Agr. Rev. (ser. 4) 28(2): 41-47, 50-53. Apr./June 1945. 8 Ag88Re
- 10680 \*CIFERRI, R. Le avene dell'Africa Orientale Italiana. Rass. Econ. dell'Africa Ital. 30: 66-71. Feb. 1942. 261 C71
- 10681 \*CIFERRI, R. I cereali a cariossidi minute dell'Africa Orientale Italiana. Rass. Econ. dell'Africa Ital. 30: 236-242, 291-295, 346-351. May-July 1942. 261 C71
- I. Il teff od Eragrostide. II. Il dagussa od Eleusine. III. Il bultuc o miglio-perla.
- 10682 \*CIFERRI, R. La cerealicoltura in Africa Orientale Italiana. VIII-IX. Ital. Agr. 78: 79-86; 79: 294-304. Feb. 1941; June 1942. 16 Itl
- VIII. Generalità bonànico-agrarie sui sorghi; IX. Le durre.
- 10683 \*CIFERRI, R. L'istituzione del "Triticum abyssinicum" per i frumenti indigeni d'Etiopia. Rass. Econ. dell'Africa Ital. 31: 274-281. May 1943. 261 C71
- 10684 \*CIFERRI, R. I frumenti dell'Africa Orientale Italiana. Rass. Econ. dell'Africa Ital. 31: 23-34, 90-97, 174-180. Jan.-Mar. 1943. 261 C71
- 10685 \*CIFERRI, R. Gli orzi dell'Africa Orientale Italiana. Rass. Econ. dell'Africa Ital. 30: 509-518, 569-576, 611-616. Oct.-Dec. 1942. 261 C71
- 10686 \*CIFERRI, R. I sorghi o "durre" dell'Africa Orientale Italiana. Rass. Econ. dell'Africa Ital. 30: 164-176. Apr. 1942. 261 C71
- 10687 \*CIFERRI, R. Vecchie razze locali di frumento coltivate in Italia nell'anno XVIII. Ital. Agr. 78: 643-646. Sept. 1941. 16 Itl
- 10688 \*ECHEGARAY, M. DE. Híbridos de trigos blandos y Agropyron en los Estados Unidos. Agricultura [Madrid] 14: 194-195. Apr. 1945. 15 Ag84
- 10689 FINA, A. L. DE. Que se entiende por seguridad de cosecha en los cereales. Suelo Argentino 4: 391. June 1945. 9 Su2
- Varietal study.
- 10690 \*FORLANI, R. Le produzioni delle popolazioni discendenti da incroci fra razze diverse di frumento e di orzo. Ital. Agr. 80: 143-149. Mar. 1943. 16 Itl
- 10691 \*FORLANI, R. Il rinvirgamento delle sementi; la fecondazione incrociata intra-razza del grano. Ital. Agr. 78: 127-133. Feb. 1941. 16 Itl
- 10692 \*FORNACI, C. Varietà italiane di granoturco precoce; il granoturco Ottofile vogherese. Ital. Agr. 80: 313-317. June 1943. 16 Itl
- 10693 FROLIK, E. F. Pawnee pleases farmers; new wheat yields more and matures earlier. Nebr. Farmer 87(14): 5. July 21, 1945. 6 N27
- 10694 \*GIUSEPPE, T. L'avena. Ital. Agr. 79: 563-571. Nov. 1942. 16 Itl
- 10695 \*HAUSSMANN, G. Che cos'è il frumento perenne? Ital. Agr. 80: 295-307. June 1943. 16 Itl
- 10696 HUBER, L. L. Thicker plantings yield more corn. Grain & Feed J. Consolidated 95: 31. July 11, 1945. 298.8 G762
- 10697 \*JACOMETTI, G. Autarchia anche nella produzione di grani di forza. Ital. Agr. 78: 513-518. July 1941. 16 Itl
- Strains of Manitoba type wheat.
- 10698 \*LUPETTI, R. Tre nuove razze di granoturco. Ital. Agr. 80: 367-373. July 1943. 16 Itl
- 10699 MCKEON, C. J. Maize seed selection. Queensland Agr. J. 60: 261-268. May 1945. 23 Q33
- 10700 \*MANCINI, E. Le possibilità della sorghicoltura dai risultati della campagna 1942. Ital. Agr. 80: 287-294. June 1943. 16 Itl
- 10701 \*MARANI, M., GOIA, G., and BRIOLINI, M. Influenza di alcune sarchiate sulla coltura del frumento ad esse succeduto. Ital. Agr. 79: 140-142. Mar. 1942. 16 Itl
- 10702 \*MARANI, M., GOIA, G., and ROSSI, L. Ricerche su alcune provenienze di frumento e sul valore di semi di vario peso. Ital. Agr. 80: 15-18. Jan. 1943. 16 Itl
- 10703 MIRANDA, A. Qual es el origen del trigo "Bola picota." Agr. Trop. 1(2): 9-10. Mar. 1945. 26 Ag8
- 10704 \*MOLTONI, A. La coltura della segale e dell'orzo in alta montagna. Ital. Agr. 80: 160-166. Mar. 1943. 16 Itl
- 10705 \*NEVANO, G. Due nuove razze elette di frumento: "Anna Nevano" ed "Ariano Irpino." Ital. Agr. 79: 43-45. Jan. 1942. 16 Itl
- 10706 NOVELO FRANCO, E. El cultivo del maíz; selección y desinfección de semilla. Fomento [monthly] 2(18): 13. Apr. 1945. 8 F734
- 10707 \*OLIVA, A. La resistenza al freddo dei frumenti montani nel collaudo invernale 1941-42. Ital. Agr. 79: 290-293. June 1942. 16 Itl
- 10708 \*PARENTI, E. Varietà di granoturco nane precoci. Ital. Agr. 79: 651-658. Dec. 1942. 16 Itl
- 10709 PEARSON, O. H., and WALRATH, E. K. What it takes to grow hybrid field corn. East. States Coop. 21(4/5): 17-20. Apr./May 1945. 280.29 Ea7
- 10710 \*SCARPONI, F. Seconda nota su prove di coltivazione di frumento meridionalizzato. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 22: 217-223. Sept./Dec. 1942. 16 N92
- 10711 \*SCHAD, C., and MAYER, R. Contribution à l'étude de la qualité du blé et son amélioration dans la région du Centre. Ann. Agron. [Paris] (n. s.) 11: 223-269. July/Dec. 1941. 14 An75A
- 10712 SEVERSON, H. The newer varieties of grain sorghums. Seed World 58(1): 8-10. July 6, 1945. 61.8 Se52
- 10713 SIERRA, H. M. Trigo. Guatemala. Dir. Gen. de Agr. Rev. Agr. (ser. 2) 1: 197-211. Feb. 1945. 8 G934



- 10714 SDS, H. J. Cereal variety trials in the Mallee, 1944. Victoria. Dept. Agr. J. 43: 199-202. May 1945. 23 V66J
- 10715 STEEL, K. Revolution in the Corn Belt. Harper's Mag. 191: 159-163. Aug. 1945. 110 H  
Caused by large-scale production of hybrid corn.
- 10716 \*TALLARICO, G. La granicoltura in Etiopia. Rass. Econ. dell'Africa Ital. 31: 219-226. Apr. 1943. 261 C71
- 10717 \*TONINI, G. Epoca di semina, quantità di seme e nitrature invernali (Prova comparativa sul Mentana e Damiano). Ital. Agr. 79: 591-593. Nov. 1942. 16 Itl  
Wheat variety tests.
- 10718 \*TONINI, G. Sull'epoca e sulla densità di semina del grano "Mentana." Ital. Agr. 78: 187-194. Mar. 1941. 16 Itl  
Culture of an early variety of wheat.
- 10719 \*VANNUCCINI, G. I grani Strampelli: "Bruno," "Eia," "Alala." Ital. Agr. 80: 33-41. Jan. 1943. 16 Itl
- 10720 \*VANNUCCINI, G. Nazareno Strampelli e le sue creazioni. Ital. Agr. 79: 121-126. Mar. 1942. 16 Itl  
Wheat hybrids.
- 10721 \*VENTUROLI, G. Contributo della società bolognese "Produttori Sementi" allo studio della cerealicoltura dell'altopiano etiopico. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 733-740. 26 In863
- 10722 \*VINCENT, V. Étude sur le sarrasin émarginé ou du Népal. Acad. d'Agr. de France. Compt. Rend. 29: 227-228. Apr. 14/May 5, 1943. 14 P215Bc
- 10723 \*ZAPPAROLI, T. V. Il granoturco "Precoco di Bagnolo." Ital. Agr. 78: 579-583. Aug. 1941. 16 Itl
- 10724 \*ZAPPAROLI, T. V. La grossezza e la posizione diverse sulla pannocchia dei semi di mais in rapporto con il loro valore agrario. Ital. Agr. 79: 20-24. Jan. 1942. 16 Itl
- 10725 \*ZAPPAROLI, T. V., and PARENTI, E. Lo studio sistematico dei granoturci da foraggio; granoturci da granella e granoturci da erbaio. Ital. Agr. 80: 183-192. Apr. 1943. 16 Itl
- 10726 \*ZAPPAROLI, T. V. Varietà di granoturco "nane precoci"; Barbino o Barbina a 14 file di Tortona. Ital. Agr. 80: 11-14. Jan. 1943. 16 Itl
- Fiber Crops
- 10727 \*CALDIERI, S. Prove di orientamento sulla coltivazione del lino da fibra. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 22: 224-239. Sept./Dec. 1942. 16 N92
- 10728 \*CHANEV, K. Abutilon't kato vlaknodaŭno rastenie i v"zmozhnostitŭ za negovoto otglezhdane v B'lgariia (Abutilon als faserpflanze und möglichkeiten seines anbaus in Bulgarien). Spis. Zeml. Izp. Inst. B'lgariia (Rev. Insts. de Rech. Agron. en Bulgarie) 11(1): 3-32. Jan./Mar. 1941. Ref. 106.3 R32
- 10729 \*CIFERRI, R. Il lino dell'Africa Orientale Italiana. Rass. Econ. dell'Africa Ital. 29: 772-780. Dec. 1941. 261 C71
- 10730 \*CILLIS, U. DE. Relazione sulle prove di orientamento fra varietà di cotone eseguite nel 1940. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 22: 40-62. Mar./June 1942. 16 N92
- 10731 \*JANNACCONE, A. La coltivazione della ginestra, *Spartium junceum*, sulle alte pendici del Vesuvio. Ital. Agr. 80: 133-142. Mar. 1943. 16 Itl
- 10732 LUBETH, E. Le cotonnier à Marie-Galante. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n.s.) 2: 36-40. Mar. 1945. 8 R327
- 10733 \*MANETTI, C. Autarchia tessile in Africa Orientale Italiana: le sanseviere. Rass. Econ. dell'Africa Ital. 30: 352-357. July 1942. 261 C71
- 10734 \*MANETTI, C. Le muse [*Musa textilis*, M. ensata] da fibra dell'Africa Orientale. Rass. Econ. dell'Africa Ital. 30: 625-630. Dec. 1942. 261 C71
- 10735 ROBINSON, B. B. Aims, scope, and future of research on fiber plants in Latin America. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 216-220. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 10736 STEELE, W. G. Cotton harvesting. Queensland Agr. J. 60: 214-220. Apr. 1945. 23 C33
- 10737 \*THOMAS, R. American cotton growing in Sind. Indian Farming 5: 557-559. Dec. 1944. 22 In283
- 10738 WOOTEN, J. South Carolina experts tell how to grow cotton. Better Crops with Plant Food 29(6): 16-18, 42. June/July 1945. 6 B46
- Forage Crops and Grasses
- 10739 ALEXANDER, M. A. Rotation grazing for more pasture days. Midwest Wool Growers News 14(7): 7. June 1945. 45.8 I58
- 10740 \*ARENS, L. E. Ob ispol'zovanii nagornykh dubrav v kachestve rannevesennego pastbishcha (On the use of mountain forests as early spring pasture). Priroda 33(4): 73-74. 1944. Ref. 410 P933
- 10741 BARTELS, L. C. Irrigated pasture and lucerne competitions--Murray Valley district, 1944-45. Victoria. Dept. Agr. J. 43: 195-198. May 1945. 23 V66J
- 10742 \*BASSI, E. Il dolico da foraggio o pisello vaccino (*Vigna sinensis* od *unguiculata* o *Dolichus sinensis*). Ital. Agr. 78: 543-545. July 1941. 16 Itl
- 10743 \*BASSI, E. Il panico (*Panicum italicum*); il miglio (*Panicum milaceum*). Ital. Agr. 79: 358-362. July 1942. 16 Itl
- 10744 \*BASSI, E. Il trifoglio incarnato. Ital. Agr. 78: 602-604. Aug. 1941. 16 Itl
- 10745 \*BASSI, E. La vecchia. Ital. Agr. 78: 837-839. Dec. 1941. 16 Itl
- 10746 BENTLEY, J. R., and TALBOT, M. W. How many head? Moderate grazing best range practice for plant life. West. Livestock J. 23(43): 21, 40, 42-43. July 15, 1945. 6 F2278
- 10747 BERMUDEZ GARCIA, L. A. Breves anotaciones sobre las posibles leguminosas forrajeras del municipio de Sonson (Antioquia). Agr. Trop. 1(4): 13-21. (Cont.) May 1945. 26 Ag8
- 10748 BOTHA, J. P. Setaria grasses for the eastern Transvaal. Farming in So. Africa 20: 273-280. May 1945. 24 So842
- 10749 BROWN, B. A., and MUNSELL, R. I. Deterioration of clipped caged areas in permanent pastures. Amer. Soc. Agron. J. 37: 542-548. July 1945. Ref. 4 Am34P
- 10750 COSTELLO, D. F. Know your range grasses and plants; little bluestem (*Andropogon scoparius*). Westerner 8(6): 22-23. July 1945. 49 W522
- 10751 COSTELLO, D. F. Reading the range. Amer. Hereford J. 36(5): 56, 58-61, 200. July 1, 1945. 43.8 Am32
- 10752 CYRUS, W. F. Dixie Wonder pea for early cover crop. South. Seedsman 8(7): 11, 40. July 1945. 61.8 So8
- 10753 DASMAN, W. A method for estimating carrying capacity of range lands. J. Forestry 43: 400-402. June 1945. 99.8 F768
- 10754 DEMARIA MASSEY, D. La navichuela de invierno; una leguminosa forrajera que prospera en climas templado-frios. Bolsa de Com., Rosario. Rev. 33(800): 13-14. May 15, 1945. 287 R71
- 10755 DEMARIA MASSEY, D. El pasto romano; una extraordinaria forrajera de invierno, apta para suelos bajos y húmedos. Bolsa de Com., Rosario. Rev. 33(801): 7-8. May 31, 1945. 287 R71



- 10756 FERGUSON, F. P. More grass in midsummer. *Hoard's Dairyman* 90: 384. July 10, 1945. 44.8 H65  
Pasture rotation system.
- 10757 \*FILATOV, F. I., and SKREPINSKIĬ, A. I. Letnie posevy lütserny Summer plantings of alfalfa. *Inst. Zern. Khoz. Ügo-Vostoka SSSR. Inform.-nauch.* B. 2, p. 12-16. Oct. 1943. 20 Sa7
- 10758 \*FILATOV, F. I., and SKREPINSKIĬ, A. I. Sposoby poseva travosmesi pod pokrov ñarovoi pshe-nitsy Methods of planting grass mixtures with spring wheat. *Inst. Zern. Khoz. Ügo-Vostoka SSSR. Inform.-nauch.* B. 2, p. 8-11. Oct. 1943. 20 Sa7
- 10759 FROLIK, E. F. 1,000,000 acres of brome-grass. *Nebr. Farmer* 87(6): 1, 40. Mar. 17, 1945. 6 N27
- 10760 \*GRIMALDI, A. Prove culturali con seme di erba medica straniera riprodotta in Italia. *Ital. Agr.* 78: 87-91. Feb. 1941. 16 Itl
- 10761 HUMPHREY, R. R. Abandoned lands best seeded to grass. *Idaho Farmer* 63: 357. July 5, 1945. 6 G282
- 10762 HUTCHESON, T. B. How to grow good alfalfa. *South. Planter* 106(7): 10-11. July 1945. 6 So89
- 10763 JOHNSTON, G. W. Cuttings set in field to start kudzu. *Miss. Farm Res.* [Miss. Sta.] 8(6): 1. June 1945. 100 M69M1
- 10764 LANDON, I. K. Western wheat grass--early pasturing prevents it crowding out other plants. *Nebr. Farmer* 87: 5, 36. Apr. 21, 1945. 6 N27
- 10765 LÓPEZ, M. S. Zacate blanco o zacate de Honduras (*Ixophorus unisetus*). *Honduras Agr.* 1(8): 18-19. June 1, 1945. 8 H753
- 10766 LOWERY, J. C. Winter grazing crops gaining fast in Alabama. *Farm for Victory*, No. 18, p. 9-10. June 1945. 281.8 F226
- 10767 MCKEE, C. Do you need early spring pasture? U and I Cult. 5(2): 22, 26. June 1945. 66.8 U12  
Crested wheatgrass recommended.
- 10768 \*NANDA, P. N., and HUSSAIN, S. M. Reseeding in barani grass land. *Indian Farming* 5: 555-556. Dec. 1944. 22 In283
- 10769 NEW ZEALAND. DEPT. OF AGRICULTURE. FIELDS DIVISION. Lucerne. *New Zeal. Dept. Agr. B.* 155, 19 p. Wellington, n. d. 23 N43Bu
- 10770 RIPPERTON, J. C. Case for kudzu? *Hawaii Farm and Home* 8(7): 2. July 1945. 25 H3191  
Will grow in Hawaii, but value still undetermined.
- 10771 ROY, J. B. Voici le temps des foin. *Terre de Chez Nous* 17(37): 10. June 20, 1945. 7 T27
- 10772 SHIELDS, J. The re-seeding of pastures for goats. *Brit. Goat Soc. Ybk.* 1945: 48-49, 51. 40.19 B77
- 10773 TONTZ, C. Planting bee pasture by plane. *Gleanings Bee Cult.* 73: 300. July 1945. 424.8 G47
- 10774 UPSHAW, H. C. New grasses for the plains country of the Southwest. *Seed World* 57(12): 18, 20. June 15, 1945. 61.8 Se52
- 10775 UPSHAW, H. C. Old ranges like new grasses. *Farm and Ranch* 64(6): 26-27. June 1945. 6 T31
- 10776 WALKER, R. H. Crested wheatgrass. U and I Cult. 5(2): 23, 34. June 1945. 66.8 U12
- 10777 WHITNEY, D. J. Range improvement. *Calif. Cult.* 92: 379. July 7, 1945. 6 Cl2  
Testing new varieties of forage plants in Tulare County.
- 10778 WIGHTMAN, R. Sowing to grass: what experience teaches. *Farmer & Stock-Breeder* 59: 1089. July 10, 1945. 10 F228
- Oil Crops
- 10779 BAEZ, J. R. El girasol en la rotación de los cultivos. *Suelo Argentino* 4: 400. June 1945. 9 Su2
- 10780 BARNES, E. E. Defoliating soybeans [with cyanamid dust] to facilitate harvesting. *Soybean Digest* 5(9): 8-10. July 1945. 60.38 So9
- 10781 \*BOULOGNE, E. Pour et contre la réussite de la culture du soja en France. *Assoc. des Chim. B.* 59: 708-710. Sept./Oct. 1942. 383 As4
- 10782 \*BRÉTIGNIÈRE, L. Les cultures oléagineuses de printemps. *Rev. des Agr. de France* 72: 226-227. Dec. 1940. 14 R325
- 10783 \*BUCCI, M. La coltura del girasole in zona arboreate. *Ital. Agr.* 80: 107-110. Feb. 1943. 16 Itl
- 10784 \*BUSTARRET, J., and JONARD, P. Observations sur la culture et la sélection de quelques plantes oléagineuses. *Ann. Agron. [Paris] (n. s.)* 14: 77-97. Jan./Mar. 1944. 14 An75A
- 10785 \*CIFERRI, R. Il neuch o Ghizotia dell'Africa Orientale Italiana. *Rass. Econ. dell'Africa Ital.* 30: 110-121. Mar. 1942. 261 C71
- 10786 CORBIN, F. Le ricin; sa culture. *Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.)* 2: 14-16. Jan. 1945. 8 R327
- 10787 \*CROCIONI, A. La coltura autunno-primaverile del colza e del ravizzone. *Ital. Agr.* 79: 559-563. Dec. 1942. 16 Itl
- 10788 \*CROCIONI, A. Coltura dell'arachide e possibilità di consociazione con il mais. *Ital. Agr.* 79: 151-157. Mar. 1942. 16 Itl
- 10789 \*CROCIONI, A. Le piante oleifere in seconda coltura. *Ital. Agr.* 80: 505-511. Oct./Dec. 1943. 16 Itl
- 10790 \*CROCIONI, A. Possibilità produttive e tecnica culturale delle piante oleifere. *Ital. Agr.* 80: 417-426. Aug. 1943. 16 Itl
- 10791 \*DONÀ DALLE ROSE, A. Considerazioni agronomiche e culturali relative al lino come pianta oleaginosa. *Ital. Agr.* 80: 77-82. Feb. 1943. 16 Itl
- 10792 ETCHECOPAR, J. A. Comportamiento experimental de variedades y selecciones de girasol. *Suelo Argentino* 4: 312-313. May 1945. 9 Su2
- 10793 GATTONI, L. A. Frijol soya. *Honduras Agr.* 1(8): 5-7. June 1, 1945. 8 H753
- 10794 PROBST, A. H. Influence of spacing on yield and other characters in soybeans. *Amer. Soc. Agron. J.* 37: 549-554. July 1945. 4 Am34P
- 10795 \*SCHAD, C., MAYER, R., and HUGUES, P. Contribution à l'étude des caractères des variétés de soya cultivées en France. - Caractères morphologiques; Caractères physiologiques. *Acad. d'Agr. de France. Compt. Rend.* 29: 505-509, 522-524. Dec. 8/22, 1943. 14 P215Bc
- 10796 \*TRENTIN, A. Su alcune prove di adattamento e confronto tra varietà diverse di lino da olio. *Ital. Agr.* 80: 268-273. May 1943. 16 Itl
- 10797 UYEDA, S. Protein producers unlimited. *Hawaii Farm and Home* 8(7): 5. July 1945. 25 H3191  
Soybeans grown by McBryde Sugar Co., Ltd., since 1942 for dairy feed.
- Sugar Crops
- 10798 \*BOINOT, F. Expériences sur topinambours. *Assoc. des Chim. B.* 60: 177-185. May/July 1943. 383 As7  
English summary.  
Jerusalem artichoke as sugar plant.
- 10799 BRANDES, E. W., TAGGART, W. G., and SHAFER, J. J., JR. Release of new variety seed cane C. P. 36-105. *Sugar B.* 23: 169. July 1, 1945. 65.9 Am32
- 10800 \*GODARD, M. Densité de peuplement et radiation solaire dans la culture de la betterave sucrière. *Acad. d'Agr. de France. Compt. Rend.* 30: 155-159. Mar. 8/15, 1943. 14 P215Bc
- 10801 LAZARO, C. Progresos fitotécnicos. *Asoc. de Ingen. Agron. Rev.* 17: 33-34. Mar. 1945. 290.9 As73  
Sugar beet experiments made by industrial firms.



10802 \*MARILLER, C. Expériences sur topinambours. Assoc. des Chim. B. 60: 186-188. May/July 1943. 383 As7

English summary

Jerusalem artichoke as sugar plant.

10803 RENNE, R. R. Sugar beets--a vital crop to Montana. U and I Cult. 5(2): 12. June 1945. 66.8 U12

#### Tobacco

10804 \*AKKOYUNLU, Z., and İPEKOGLU, F. Tütün çeşitlerinin standardlanmasına doğru (Towards the standardization of our tobacco varieties). Turkey. İnhisalar Tütün Inst. Raporları 3: 99-110. 1944. 69.8 T842

English summary.

10805 MCEVOY, E. T. Studies on the optimum nutrition of flue-cured tobacco. Sci. Agr. 25: 489-498. Apr. 1945. 7 Sci2

10806 ORTIZ R., G. Cultivo del tabaco rubio en Colombia. Agr. Trop. 1(2): 16-18. Mar. 1945. 26 Ag8

10807 \*PAL, B. P., RAMANUJAM, S., and RAO, T. N. An improved variety, Amarelo, of flue-cured tobacco. Indian Farming 6: 154-155. Apr. 1945. 22 In283

10808 SHARPE, B. Turkish tobacco grown in South seen in successful American culture. Mfrs. Rec. 114(7): 51, 73. July 1945. 297.8 M31

#### HORTICULTURAL CROPS

Includes articles on general horticulture, and on varieties, breeding, cultural practices, and yield.

#### General

10809 COLLINS, D. The ABC of hybridizing. Men's Gard. Clubs Amer. Ybk. 1945: 46-50. 90.32 M52

10810 COOPER, W. C., and STOUTMEYER, V. T. Propagación vegetativa de plantas tropicales. II. Hacienda 40: 340-342. (Cont.) July 1945. 6 H11

10811 HASTINGS, W. R. What are All-America Selections? Men's Gard. Clubs Amer. Ybk. 1945: 54-55. 90.32 M52

10812 M., W. J. Horticultural education in approved schools. Gard. Chron. 118: 4. July 7, 1945. 80 G162

10813 MACKENZIE, D. C. The university in the horticultural world. Roy. New Zeal. Inst. Hort. J. 14: 79-80. Apr. 1945. 87 N485J

10814 MORGAN, O. V. Trees are the backbone of your garden. Men's Gard. Clubs Amer. Ybk. 1945: 42-45. 90.32 M52

10815 ROBERTS, B. Whither horticulture? Roy. New Zeal. Inst. Hort. J. 14: 61-65. Apr. 1945. 87 N485J

10816 ROCKWELL, F. F. Coldframes. Home Gard. 6(1): 49-56. July 1945. 80 H756

10817 \*SCHMIDT, E. Ein praktisches frühbeet für den gartenliebhaber. Schweiz. Gart., No. 1, p. 21-23. Jan. 1945. 80 Sch93

10818 VAN ALLEN, P. E. Easy ways to get new plants--without begging, buying, or stealing. Men's Gard. Clubs Amer. Ybk. 1945: 51-53. 90.32 M52

Plant propagation.

10819 WEBER, N. M. Seashore gardening. House and Gard. [Greenwich] 88(2): 66, 88, 90, 92-95. Aug. 1945. 80 H81

#### Fruits--General

10820 MOTZ, F. A. On fruit production in South America. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 220-224. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

10821 PERU. DEPARTAMENTO DE FOMENTO FRUTÍCOLA. Importación de especies frutales. Peru. Dir. de Agr. Inform. Agr. 2(8): 1-4. July/Aug. 1944. 9.8 P434

Varieties of deciduous fruit and nut nursery stock imported from Chile.

10822 SEABROOK, W. P. Fruit and fruit tree stock certification. N. F. U. Rec. 23: 194-195. July 1945. 281.8 N21

10823 TOLLEFSON, V. E. Fruit growing in Pine County. Minn. Fruit Grower 12(4): 8-9. July 1945. 80 M66

Plantings reduced by deer and weather injuries.

10824 \*VAN LAERE, R. La station fruitière de l'I.N.E.A.C. à M'vuazi (Congo Belge) Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 728-732. 26 In863

#### Fruits--Citrus and Subtropical

10825 AGETE, F. La piña. Cuba. Min. de Agr. Rev. 28(2): 24-32, 65-70. Apr./June 1945. 8 Ag88Re

10826 \*BERTOLI, E. Dal bosco all'oliveto. Ital. Agr. 80: 99-106. Feb. 1943. 16 It1

10827 CAMPOS, J. G. La papaya o fruta bomba. Fomento [monthly], 2(18): 17-18, 23-24. Apr. 1945. 8 F734

10828 \*FRANCOLINI, F. Ancora sulla riproduzione agamica dell'olivo. Ital. Agr. 79: 538-542. Dec. 1942. 16 It1

10829 \*GATTEFOSSE, R. M. Olivier et lavandin. Parfumerie 1: 158-159. June 1943. 308.8 P212

10830 GUTIERREZ C., J. J. Estudio sobre el cultivo de la piña. Agr. Costarricense 3: 165-170. Apr. 1945. 8 Ag895

10831 HIGGINS, J. F. Pasco [County] growers give citrus expansion guide; post-war citrus recommendations constitute real handbook of practical grove practice. Fla. Grower 53(7): 5, 11. July 1945. 80 F6622

10832 JOHNSTON, J. C. Pruning citrus trees. Calif. Citrog. 30: 286-287. July 1945. 80 C125

10833 L., H. K. The acetylene treatment of pineapples [to force flowering]. Queensland Agr. J. 60: 299. May 1945. 23 Q33

10834 \*MORETTINI, A. L'incremento produttivo negli olivi "Moraiole" e "Frantoio," con l'impiego di adatte varietà impollinatrici. Ital. Agr. 78: 631-639. Sept. 1941. 16 It1

10835 SAVASTANO, J. La propagación del olivo en relación a las necesidades de la Argentina. Suelo Argentino 4: 384-387. June 1945. 9 Su2

From Olivicultura Argentina.

#### Fruits--Deciduous

10836 B., J. Fruit in Nova Scotia. Rural New-Yorker 104: 335. July 1945. 6 R88

10837 \*BOZZINI, G., and GRIMALDI, A. Sui portainnesti del pesco e di altre drupacee. Ital. Agr. 79: 159-162. Mar. 1942. 16 It1

10838 CARNEVALE, J. A. El cuidado de los frutales XXIV. Poda del manzano y el peral. Pampa Argentina 19(212): 14. Apr. 1945. 9 P19

10839 FRASER, H. The budding of fruit trees. Gard. Illus. 64: 614-615. July 1945. 80 G169

10840 HOARD, B. Pruning young peach trees demonstrated for growers. Better Fruit 39(9): 17. Mar. 1945. 80 B46

10841 NATURE'S fingerprints; how the experts identify fruit varieties. Amer. Fruit Grower 65(7): 10-14. July 1945. 80 G85

10842 \*PIROVANO, A. Induzione di precocità ed anomalie in meli innestati su soggetti adulti a maturazione precoce. Ital. Agr. 78: 797-805. Dec. 1941. 16 It1

10843 \*RIGOTTI, R. Un nuovo portainnesto del pesco? Prunus persica x Prunus davidiana. Ital. Agr. 79: 664-667. Dec. 1942. 16 It1

10844 \*S. Das pflanzen der gartenobstbäume. Schweiz. Gart., No. 11, p. 325-328. Nov. 20, 1944. 80 Sch93

10845 SOUTHWICK, L. True-to-name nursery stock. Amer. Fruit Grower 65(7): 15-16. July 1945. 80 G85

Inspection service protects growers.



- 10846 SPARGO, L. Life and care [pruning] of deciduous fruit trees. So. Austral. Dept. Agr. J. 48: 395-396. Apr. 1945. 23 So84

#### Fruits--Small

- 10847 BRIERLEY, W. G. Questions on hardiness in raspberries. Minn. Fruit Grower 12(4): 3, 6, 18. July 1945. 80 M66
- 10848 COLBY, A. S. Advances in small fruit varieties. Amer. Nurseryman 82(2): 36-40. July 15, 1945. 80 Am371
- 10849 \*COSMO, I. Varietà di uve da tavola da consigliare nelle Venezie. Ital. Agr. 16: 589-601. Aug. 1941. 16 It1
- 10850 DEAN, H. P. Strawberries--quickest fruit crop you can grow. Better Homes & Gardens 23(12): 8, 58. Aug. 1945. 80 F9424
- 10851 F., H. The mulberry [*Morus nigra*]; a fruit of antiquity for the connoisseur. Gard. Illus. 64: 614. July 1945. 80 G169
- 10852 \*M., J. Der brombeerstrauch, seine kultur und pflege. Schweiz. Gart., No. 1, p. 18-20. Jan. 1945. 80 Sch93
- 10853 \*PROSPERI, V. Nuovi vitigni portainnesti di produzione italiana. Ital. Agr. 78: 165-170. Mar. 1941. 16 It1
- 10854 R., F. F. Compost, trowel, pots and healthy plants: all you need for a runner start with strawberries. Home Gard. 6(1): 97-98. July 1945. 80 H756
- 10855 SAINT-MARIE, C. E. La fraisière. Terre de Chez Nous 17(39, 1. e. 40): 12, 17. July 11, 1945. 7 T27
- 10856 SNYDER, J. C. Concord grape production amazing [in Yakima Valley, Wash.]. Better Fruit 40(1): 13, 26. July 1945. 80 B46
- 10857 \*VENEZIA, M. Della sierodiagnosi e del suo impiego nel riconoscimento dell'affinità d'innesto in viticoltura. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 21: 33-49. Mar./June 1941. 16 N92
- 10858 WETMORE, L. S. A portable experimental vineyard. Wines & Vines 26(4): 53, 60. Apr. 1945. 95.8 G122
- Vines in tubs used to test soil and temperature.

#### Nuts

- 10859 BECKER, G. Superior nut trees for Michigan. Mich. Hort. Soc. Hort. News 11: 86. July 1945. 80 H7815
- 10860 \*FENAROLI, L. Il castagno, pianta agraria. Ital. Agr. 80: 493-504. Oct./Dec. 1943. 16 It1

#### Ornamental Plants

- 10861 ABERCONWAY, LORD. *Embothrium coccineum*. Roy. Hort. Soc. J. 70: 191. July 1945. 84 L84J
- 10862 ABERCONWAY, LORD. *Magnolia sargentiana* and *M. s[argentiana]* var. *robusta*. Roy. Hort. Soc. J. 70: 159. June 1945. 84 L84J
- 10863 AHRENDT, MRS. A. The pasque flower. Back to Eden 11(12): 1. July 1945. 80 B12
- 10864 ALBERTI, M. M. El arte difícil de cultivar orquídeas. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 174-177. May/Dec. 1944. 8 R325
- 10865 ANDERSON, E. G. *Lycoris squamigera*. Gard. Gossip 20(7): 8. July 1945. 80 G1625
- 10866 ANDREWS, W. S. A little light on Aladdin [variety]. Maine Gladiolus Soc. Glad Book 1945: 46-48. 96.43 M28
- 10867 ANLEY, G. Iris beauty; suggestions for a beginner's collection...hints on cultivation...treatment of the commoner diseases. Gard. Illus. 64: 610-611. July 1945. 80 G169
- 10868 ASHCRAFT, L. M. The arrangement of gladiolus in the home. Maine Gladiolus Soc. Glad Book 1945: 33. 96.43 M28
- 10869 ASHTON, E. R. Specimen orchids. Roy. Hort. Soc. J. 70: 208-210. July 1945. 84 L84J
- 10870 \*B. Baum und strauch in der planung. Schweiz. Gart., No. 11, p. 317-320. Nov. 20, 1944. 80 Sch93
- 10871 \*B., A. I meravigliosi garofani della riviera. Ital. Agr. 79: 594-599. Nov. 1942. 16 It1
- 10872 BALTHIS, F. K. Report on the chrysanthemum tests. Men's Gard. Clubs Amer. Ybk. 1945: 20-23. 90.32 M52
- 10873 BATES, M. R. Which are the best roses? Pop. Gard. 47: 142. June 30, 1945. 80 G1622
- 10874 BEALE, J. H. Rose of Sharon [*Hibiscus syriacus*] re-discovered. Home Gard. 6(1): 73-74. July 1945. 80 H756
- 10875 BEATTY, W. A. Sound advice for Canadian bulb growers. Canad. Florist 40: 225. July 5, 1945. 80 G163
- 10876 \*BONSACK, H. Ein naturwunder der tropen. Der bau einer orchideenblüte in technischer vollendung. (Coryanthes macrantha Hook, heimat Venezuela.) Schweiz. Gart., No. 1, p. 8-10. Jan. 1945. 80 Sch93
- 10877 BROWN, J. R. *Gasteria caespitosa* Poelln. Cact. and Succulent J. 17: 99. July 1945. 451 C11
- 10878 BROWN, P. D. Summer propagation. Arbo-retum B. 8(2): 11-13. June 1945. 451 Ar1
- 10879 \*BUHLER, C. Wir schaffen uns einen vorfrühlingsgarten. Schweiz. Gart., No. 10, p. 285-288. Oct. 20, 1944. 80 Sch93
- 10880 \*CALVINO, M. Le nuove varietà di crisantemo. Ital. Agr. 78: 761-767. Nov. 1941. 16 It1
- 10881 CASEY, J., and BEISTLINE, N. R. Roses--most beloved of flowers. South. Home and Gard. 13(1): 19. July 1945. 80 So824
- 10882 CAVE, F. C. A few thoughts on hybridizing. Maine Gladiolus Soc. Glad Book 1945: 38-39. 96.43 M28
- 10883 CHITTENDEN, F. J. A note on camellias. Roy. Hort. Soc. J. 70: 210-211. July 1945. 84 L84J
- 10884 CLARK, A. M. *Begonia nitida*, [Dryander] variety, odorata alba. Begonian 12: 127-129. July 1945. 96.511 B39
- 10885 \*CORREYON, A. Einige immergrüne seidelbaste für steingärten (Daphne). Schweiz. Gart., No. 6, p. 168-170. June 10, 1945. 80 Sch93
- 10886 CORRIGAN, J. P. *Florida gladiolus*. Maine Gladiolus Soc. Glad Book 1945: 34-35. 96.43 M28
- 10887 CORSAR, K. C. The auricula. Roy. Hort. Soc. J. 70: 192-197. July 1945. 84 L84J
- Florists' flowers--V.
- 10888 COSTANTINO, I. N. Parques nacionales. Suelo Argentino 4: 372-373, 388, 394. June 1945. 9 Su2
- 10889 DARLING, J. Are you sure you know the right way to plant your trees and shrubs? House and Gard. [Greenwich] 87(8): 56-57. Aug. 1945. 296.8 H81
- 10890 DARNELL, MRS. J. C. *Calycanthemus*. Back to Eden 11(12): 1-2. July 1945. 80 B12
- 10891 DAWSON, R. B. Our lawns and their reconstruction. Roy. Hort. Soc. J. 70: 165-175. June 1945. 84 L84J
- 10892 DOUGLAS, F. A little light on Cymbidiums. Austral. Orchid Rev. 10: 27-29. June 1945. 80 Au73
- 10893 DUDLEY, L. B. Five steps toward dahlia prizes. Home Gard. 6(1): 41-43. July 1945. 80 H756
- 10894 DUNCOMB, M. Ornamental, useful borage. Horticulture 23: 314. June 15, 1945. 80 H787
- 10895 DUNCOMB, M. Peppermint-stick geranium. Back to Eden 11(12): 2. July 1945. 80 B12
- 10896 \*EBERLE, G. Das immenblatt [*Melittis melissophyllum*]. Natur u. Volk 73: 106-109. May 1, 1943. 509 F856



- 10897 \*EBERLE, G. Muschelblümchen und wanzenkraut. Natur u. Volk 74: 66-70. Mar. 1944. 509 F856
- Isopyrum thalictroides* and *Cimicifuga foetida*.
- 10898 \*EBERLE, G. Seerose [Nymphaea] und mummel [Nuphar]. Natur u. Volk 73: 234-244. Sept. 1, 1943. 509 F856
- 10899 \*EBERLE, G. Torflilien [Tofieldia calyculata]. Natur u. Volk 74: 127-130. May 1, 1944. 509 F856
- 10900 \*EBERLE, G. Waldreben [Clematis]. Natur u. Volk 73: 179-184. July 1, 1943. 509 F856
- 10901 \*EBERLE, G. Wollgras [Eriophorum]. Natur u. Volk 72: 85-91. May 1, 1942. 509 F856
- 10902 \*ENCKE, F. Eichhornia crassipes, die "wasserhyazinthe." Natur u. Volk 73: 80-82. Mar. 1, 1943. 509 F856
- 10903 ENTZMINGER, MRS. A. A north side border. Back to Eden 11(12): 2. July 1945. 80 B12
- 10904 EVANS, H. O. New Ohio show procedure. Gladiolus Sup. New England Gladiolus Soc. 9(2): 16-17. July 1945. 96.43 N44
- Ohio State Gladiolus Society.
- 10905 EVERETT, T. H. Biennials. Home Gard. 6(1): 65-66. July 1945. 80 H756
- 10906 EVERETT, T. H. Plant portraits [Anigozanthus manglesii, Chrysanthemum foeniculaceum]. Gard. Chron. Amer. 49: 186-187. July 1945. 80 G1632
- 10907 FORTNAM, C. D. The varieties that did the best for me in 1944. Maine Gladiolus Soc. Glad Book 1945: 25. 96.43 M28
- 10908 FOX, J. W. The iris. N. and S. Dak. Hort. 18: 110. July 1945. 81 N817
- Chiefly hybridization.
- 10909 \*FREY, E. Berberis linearifolia und Berberis lologensis. Schweiz. Gart., No. 11, p. 322. Nov. 20, 1944. 80 Sch93
- 10910 \*GIGER, M. Alpenlilien und graslilien. Schweiz. Gart., No. 1, p. 13-14. Jan. 1945. 80 Sch93
- 10911 \*GIGER, M. Lilium longiflorum. Die langblütige japanische lillie. Schweiz. Gart., No. 6, p. 165-166. June 10, 1945. 80 Sch93
- 10912 \*GIGER, M. Rodgersien. Schweiz. Gart., No. 1, p. 14-16. Jan. 1945. 80 Sch93
- 10913 \*GLÄTTLI, O. Die lotosblume. Nelumbium speciosum (Syn. Nelumbo nucifera.). Schweiz. Gart., No. 11, p. 323-324. Nov. 20, 1944. 80 Sch93
- 10914 \*GOMES E SOUSA, A. DE F. Jardins de Moçambique; jardins da Provincia do Niassa. Moçambique 9(40): 85-98. Dec. 1944. 110 M71
- 10915 GRAYSON, E. C. Annuals now for late summer bloom. Home Gard. 6(1): 78-79. July 1945. 80 H756
- 10916 \*GUINET, C., and HIBON, G. Plantes d'ornement indigènes et exotiques observées en Pays Basque. Soc. Bot. de France. B. 88: 270-290. 1941. Ref. 451 F84B
- 10917 HADDRELL, B. Fragrant cascade geranium. Horticulture 23: 312. June 15, 1945. 80 H787
- 10918 HALL, M. A. Green grows your lawn if it's seeded this fall. Pop. Sci. Monthly 147: 152-153. Aug. 1945. 470 P81
- 10919 HATFIELD, S. Extraordinary potato chip tree [Ptelea trifoliata]. South. Home and Gard. 13(1): 17. July 1945. 80 S824
- 10920 \*HEROLD, R. Asperula odorata. Schweiz. Gart., No. 11, p. 322. Nov. 20, 1944. 80 Sch93
- 10921 \*HEROLD, R. Calluna vulgaris flore pleno.-Gefülltblühende Erica. Schweiz. Gart., No. 10, p. 290-291. Oct. 20, 1944. 80 Sch93
- 10922 \*HEROLD, R. Selaginella helvetica, Link. Schweiz. Gart., No. 10, p. 291. Oct. 20, 1944. 80 Sch93
- 10923 \*HEROLD, R. Stachys grandiflora superba. Schweiz. Gart., No. 6, p. 167-168. June 10, 1945. 80 Sch93
- 10924 HOBBS, C. C. Amaryllis grown à la chemi-culture. Canad. Florist 40: 227. July 5, 1945. 80 C163
- 10925 HOPKINS, J. R. On judging gladiolus. Maine Gladiolus Soc. Glad Book 1945: 27-29. 96.43 M28
- 10926 HOWLAND, J. E. Afternoon cut roses have longest life; sugar concentration strongly influences keeping quality of bloom. Farm Res. [N. Y. State Sta.] 11(3): 4. July 1, 1945. 100 N48A
- 10927 HULL, H. S. Redbuds--handle with care! Home Gard. 6(1): 57-58. July 1945. 80 H756
- 10928 HULL, R. B. Neat homes contest; the first step in a landscaping program. Ext. Serv. Rev. 16: 101. July 1945. 1 Ex892EX
- 10929 HUNT, T. E. A new variety of Sarcophilus ceciliae [var. albus]. Austral. Orchid Rev. 10: 29. June 1945. 80 Au73
- 10930 HUSS, MRS. F. Sauromatum guttatum. Back to Eden 11(12): 6. July 1945. 80 B12
- 10931 HUTTENLOCHER, F. Steps to success with a bowl of flowers. Better Homes & Gardens 32(12): 56. Aug. 1945. 80 F9424
- 10932 JOHANNING, MRS. A. Momordica charantia; the balsam pear. Back to Eden 11(12): 5-6. July 1945. 80 B12
- 10933 JONES, R. W. Cattleya mossiae time in Venezuela. Amer. Orchid Soc. B. 14: 39-48. July 2, 1945. 80 Am329
- 10934 JONES, R. W. Orchids for beginners. Amer. Orchid Soc. B. 14: 57-61. July 2, 1945. 80 Am329
- 10935 \*K., G. Marokkanische gärten. Schweiz. Gart., No. 6, p. 161-163. June 10, 1945. 80 Sch93
- 10936 \*KELLER, Chilenia napina (Phil.) Bckbg. Schweiz. Gart., No. 1, p. 18. Jan. 1945. 80 Sch93
- 10937 \*KELLER, Thelocactus bicolor (Gall. 1848). Schweiz. Gart., No. 1, p. 17. Jan. 1945. 80 Sch93
- 10938 KISTNER, R. E. Flower preservatives. Va. Fruit 33(7): 18. July 1945. 81 V81B
- List of flowers with treatment for each indicated.
- 10939 \*KLEINER, P. Der frauenschuh (Cypripedium calceolus). Schweiz. Gart., No. 1, p. 11-12. Jan. 1945. 80 Sch93
- 10940 KRUMEICH, E. E. New roses from old. Home Gard. 6(1): 39-40. July 1945. 80 H756
- Home propagation from cuttings.
- 10941 KUMLIEN, L. L. Comments on conifers. Arboretum B. 8(2): 25, 30. June 1945. 451 Ar1
- 10942 LAMSON, M. D. Is your garden in focus? Home Gard. 6(1): 7-12. July 1945. 80 H756
- 10943 LAURIE, A. The modern flower show. Chrysanthemum Soc. Amer. B. 13(2): 4-5, processed. June 1945. 81 C46B
- 10944 LAWRENCE, M. Orchid culture in the Northwest. Northwest Gard. 13(5): 5-6, 15. July 1945. 80 N813
- 10945 LEMMON, R. S. Vacancies! plants wanted. Home Gard. 6(1): 67-68. July 1945. 80 H756
- Rock garden replacements.
- 10946 LYMAN, MRS. W. P. Iris William Mohr and progeny. Horticulture 23: 342-343. July 1945. 80 H787
- 10947 \*M. Schöner blumenschmuck in gärten durch polsterbildende pflanzen. Schweiz. Gart., No. 10, p. 288-290. Oct. 20, 1944. 80 Sch93
- 10948 MCCONAHEY, J. M. Delphiniums. Arboretum B. 8(2): 5-6. June 1945. 451 Ar1
- 10949 MARRIAGE, K. Evergreens in ornamental planting. Green Thumb 2(4): 11-12. July/Aug. 1945. 80 G82
- 10950 MAS-GUINDAL, J. Plantas ornamentales y medicinales. Suelo Argentino 4: 296-298, 324, 336. May 1945. 9 Su2
- 10951 \*MAZZOLANI, G. Le orchidee. Ital. Agr. 79: 215-222. Apr. 1942. 16 It1



- 10952 MELADY, J. H. Does your lawn have heat trouble? Home Gard. 6(1): 26-28. July 1945. 80 H756  
Summer care of lawns.
- 10953 MOSNAT, H. R. Elm trees from seeds. Horticulture 23: 340. July 1945. 80 H787
- 10954 MURI, E. Vom verpflanzen grosser koniferen. Schweiz. Gart., No. 10, p. 300-302. Oct. 20, 1944. 80 Sch93
- 10955 NESMITH, E. N. Oriental poppies in 1945. Horticulture 23: 338. July 1945. 80 H787
- 10956 NORTON, C. Let Shasta daisies keep the peace. Home Gard. 6(1): 69-70. July 1945. 80 H756
- 10957 PAM, A., and HIGGINS, V. The exotic [succulent] garden of Monaco. Roy. Hort. Soc. J. 70: 175-177. June 1945. 84 L84J
- 10958 PFISTER, C. E. Report on the rose testing project. Men's Gard. Clubs Amer. Ybk. 1945: 17-19. 90.32 M52
- 10959 PIERCE, G. E. Growing orchids in a Wardian Case. II. Amer. Orchid Soc. B. 14: 54-56. July 2, 1945. 80 Am329
- 10960 POESCH, G. H. Cultural requirements. Chrysanthemum Soc. Amer. B. 13(2): 6-10, processed. June 1945. 81 C46B
- 10961 PLATT, D. 5 good bulbs for fall bloom. Home Gard. 6(1): 13-16. July 1945. 80 H756
- 10962 POST, K. Are your mums budded? Chrysanthemum Soc. Amer. B. 13(2): 11, processed. June 1945. 81 C46B
- 10963 \*R. Chionanthus virginica L., die schneeflockenbaum oder virginischer schneeflockenbaum. Schweiz. Gart., No. 10, p. 294. Oct. 20, 1944. 80 Sch93
- 10964 REED, G. M. It's still iris time in July. Home Gard. 6(1): 17-19. July 1945. 80 H756
- 10965 RENTON, J. A Canadian's viewpoint on the preparation for and planting of trees and shrubs. Arboretum B. 8(2): 9-10. June 1945. 451 Arl
- 10966 RIES, V. H. The summer care of house plants. Mich. Hort. Soc. Hort. News 11: 82, 87. July 1945. 80 H7815
- 10967 RIOMILTO, Coniferas ornamentales. Arbores 2: 239-241. May 1945. 99.8 Ar16
- 10968 ROBERSON, F. K. Summer color in the rock garden. Northwest Gard. 13(5): 2. July 1945. 80 N813
- 10969 ROBLIN, L. Achimenes. Back to Eden 11 (12): 2-3. July 1945. 80 B12
- 10970 ROWNTREE, L. Native bulbs in the garden [Calochortus species]. Arboretum B. 8(2): 1-2. June 1945. 451 Arl
- 10971 ROWNTREE, L. An Oxalis [O. carnea] from Chile. Horticulture 23: 310. June 15, 1945. 80 H787
- 10972 \*S., J. Landschaft und tongefässe. Schweiz. Gart., No. 6, p. 163-165. June 10, 1945. 80 Sch93
- 10973 \*S., P. Was sind einjahrsblumen ohne vorkultur? Schweiz. Gart., No. 1, p. 16-17. Jan. 1945. 80 Sch93
- 10974 \*SCHADELI. Acanthus, eine schöne, "antike" staude. Schweiz. Gart., No. 11, p. 320-321. Nov. 20, 1944. 80 Sch93
- 10975 \*SCHADELI. Asclepias tuberosa. Schweiz. Gart., No. 10, p. 294-295. Oct. 20, 1944. 80 Sch93
- 10976 \*SCHADELI. Incarvillea delavayi. Schweiz. Gart., No. 6, p. 166-167. June 10, 1945. 80 Sch93
- 10977 \*SCHADELI. Rudbeckia purpurea. Schweiz. Gart., No. 6, p. 167. June 10, 1945. 80 Sch93
- 10978 \*SCHMIDT, E. Asphodelus L., affodill. Schweiz. Gart., No. 10, p. 293-294. Oct. 20, 1944. 80 Sch93
- 10979 \*SCHMIDT, E. Warum so wenig aurikeln [Primula auricula]? Schweiz. Gart., No. 10, p. 291-292. Oct. 20, 1944. 80 Sch93
- 10980 \*SCHMIDT, P. Zwei neue Primula sinensis. Schweiz. Gart., No. 10, p. 298-299. Oct. 20, 1944. 80 Sch93
- 10981 \*SCHWEIZER, T. Merkblatt zur pflege der zimmerpflanzen. Schweiz. Gart., No. 10, p. 295-298. Oct. 20, 1944. 80 Sch93
- 10982 SECKMAN, M. C. Full-size jobs for miniature roses. Home Gard. 6(1): 23-25. July 1945. 80 H756
- 10983 SKIPIWITH, H. My efforts in cultivating palmettos. Gard. Gossip 20(7): 9, 15. July 1945. 80 G1625
- 10984 SLAUGHTER, MRS. W. A. Growing lilies from seeds. Back to Eden 11(12): 6. July 1945. 80 B12
- 10985 SNYDER, J. C. Pruning arborvitae. Amer. Nurseryman 82(2): 42. July 15, 1945. 80 Am371
- 10986 SPANGLER, D. W. Why do we prune shrubs? Green Thumb 2(4): 7-9. July/Aug. 1945. 80 G82
- 10987 SPENCER, A. How to grow annuals successfully. Arboretum B. 8(2): 7-8, 10. June 1945. 451 Arl
- 10988 STREDWICK, H. Dahlias. Roy. Hort. Soc. J. 70: 160-164. June 1945. 84 L84J  
Florists' flowers--IV.
- 10989 \*SURBECK, E. Den garten einmal zeichnerisch gesehen. Schweiz. Gart., No. 1, p. 1-8. Jan. 1945. 80 Sch93
- 10990 T., G. C. Decorative climbers. Gard. Illus. 64: 605-606. July 1945. 80 G169
- 10991 THORGRIMSON, M. R. Violas. Arboretum B. 8(2): 3-4. June 1945. 451 Arl
- 10992 THORNS, F. W. Cultivation of bulbs from the winter rainfall area of the Cape [of Good Hope]. Bot. Soc. So. Africa. J. 30: 6-8. 1944. 451 B657
- 10993 TOON, W. R. Gladiolus in New Zealand. Maine Gladiolus Soc. Glad Book 1945: 19-24. 96.43 M28
- 10994 \*TRABAUD, L. Sur un rosier de mai hybride. Parfumerie 1: 212. Sept./Oct. 1943. 308.8 P212
- 10995 WALL, G. M. N[ova] S[cotia] women back rural beautification project. Family Herald and Weekly Star 76(24): 39. June 13, 1945. 7 F21
- 10996 WALLACE, E. Garden week on the Eastern Shore of Maryland. Part I. Gard. Gossip 20(7): 4-5. July 1945. 80 G1625
- 10997 WEBER, W. M. Is your phlox doing a real job? Home Gard. 6(1): 35-36. July 1945. 80 H756
- 10998 WEEDEN, V. W. Daphne culture; layering--striking cuttings. Austral. Gard. Lover 21(2): 19-20. (Concl.) May 1945. 80 G1615
- 10999 WESTON, T. A. Time to start annuals for the small greenhouse. Home Gard. 6(1): 91-92, 94. July 1945. 80 H756
- 11000 WHITEHEAD, S. B. Preparing for tulip time. Field 185: 500. May 19, 1945. 10 F45
- 11001 WHITEHEAD, S. B. Pruning flowering trees and shrubs. Field 185: 550. June 2, 1945. 10 F45
- 11002 WILSON, H. VAN P. How to grow good foxgloves. Home Gard. 6(1): 99-104. July 1945. 80 H756
- 11003 WOOD, C. W. Autumn color in herbaceous plants. Amer. Nurseryman 82(2): 24, 26, 28. July 15, 1945. 80 Am371
- 11004 WOODROFFE, F. B. How to plant your front door. Better Homes & Gardens 32(12): 18-19. Aug. 1945. 80 F9424
- 11005 WRIGHT, H. V. Improvement of gladiolus by selection. Maine Gladiolus Soc. Glad Book 1945: 8-9. 96.43 M28
- 11006 WYMAN, D. Spare the shears and improve the hedge. Home Gard. 6(1): 62-64. July 1945. 80 H756
- 11007 YOUNG, L. Daffodils; culture, classification, and standards. Austral. Gard. Lover 21(2): 21-23. May 1945. 80 G1615



Vegetables and Truck Crops (Including Potatoes)

- 11008 AMARGOS, J. L. Cómo tener pronto bejuco de boniato. Cuba. Min. de Agr. Rev. (ser.4) 28(2): 57. Apr./June 1945. 8 Ag88Re
- 11009 AMSTEIN, W. G. Kansas fall [victory] gardens. Kans. State Col. Ext. Neighborhood Leader, July 1945, p. 1. 275.29 K13N
- 11010 ANDREW, J., JR. Know your carrots. East. States Coop. 21(7): 10-11. July 1945. 280.28 Ea7
- 11011 \*AVANZI, E. Schema per la classificazione delle varietà di patate. Ital. Agr. 79: 95. Feb. 1942. 16 It1
- 11012 \*B., F. Einiges über zwiebelgewächse. Schweiz. Gart., No. 1, p. 24. Jan. 1945. 80 Sch93
- 11013 BAILEY, D. W. Seedtime and harvest; August begins as well as ends the season in the vegetable garden; here are things to plant now for autumn and winter use. House and Gard. [Greenwich] 87(8): 102-104. Aug. 1945. 296.3 H81
- 11014 BALLINGER, R. J. Harrison's Glory peas. Gt. Brit. Min. Agr. Agriculture 52: 153-157. July 1945. 10 G79J
- 11015 \*BORZINI, G. La coltura dei funghi in Italia e le sue possibilità di sviluppo. Ital. Agr. 78: 657-660. Sept. 1941. 16 It1
- 11016 CAMPBELL, J. C. Potato experiments in 1945. Hints to Potato Growers, v. 26, No. 2, 4 p. June 1945. 75.9 H59
- 11017 \*CATONI, G. La coltivazione artificiale del "prataiolo" [Psalliota campestris]. Ital. Agr. 80: 245-254. May 1943. 16 It1
- 11018 COPLEY, G. H. Crops for winter supplies; vegetables to sow this month as a stand-by for the winter. Gard. Illus. 64: 617-618. July 1945. 80 G169
- 11019 DAVIDS, R. C. Uncle Sam, gardener in gravel. Better Homes & Gardens 23(12): 24, 71-75. Aug. 1945. 80 F9424
- Soilless culture vegetables grown for U. S. troops on Ascension Island, midway between South America and Africa.
- 11020 \*DEPARDON, L., and BURON, P. Conditions agrologiques de la culture de l'asperge. Ann. Agron. [Paris] (n. s.) 13: 415-420. Oct./Dec. 1943. 14 An75A
- 11021 DERTEANO U., C. Informe sobre el cultivo y costo de producción de papa. Agronomía [Lima] 9 (39): 5-20. Dec. 1944. 9.8 Ag83
- 11022 FARNWORTH, C. H. Gifts of the Americas--the lima bean. Agr. in the Americas 5: 139. July 1945. 1 F752A
- 11023 FERNANDEZ AGUIRRE, E. El cultivo de la papa. II. Fomento [monthly] 2(18): 10, 19, 22. Apr. 1945. 8 F734
- 11024 FURLANI, A. Cultivo de hongos comestibles. Pampa Argentina 19(213): 10, 47. May 1945. 9 P19
- 11025 HANCOCK, W. G. Tomato growing in the Bowen district. Queensland Agr. J. 60: 221-224. Apr. 1945. 23 Q33
- 11026 \*HASHIMI, M. H. Vegetable seed growing. Allahabad Farmer 19: 11-15. Jan. 1945. Ref. 22 AL5
- 11027 HOWLETT, F. S. Latest developments in stimulating tomato fruit set and development with growth regulating chemicals. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 118-131. 75.9 Oh3
- 11028 KRAUS, J. E. Good potatoes don't just grow--they need care! Idaho Farmer 63: 355. July 5, 1945. 6 G282
- 11029 KRONE, P. R. It isn't too late to plant vegetables. Mich. Hort. Soc. Hort. News 11: 85. July 1945. 80 H7815
- 11030 \*MATHIEU, G. La production de la pomme de terre en Provence. Ann. Agron. [Paris] (n. s.) 12: 34-44. Jan./Mar. 1942. 14 An75A
- 11031 MOORE, W. R. Greens grow for GI's on soilless Ascension. Natl. Geog. Mag. 88: 219-230. Aug. 1945. 470 N213
- Soilless culture vegetables grown for U. S. troops on Ascension Island, midway between South America and Africa.
- 11032 MORGAN, C. N. Tomato seed-beds. Queensland Agr. J. 60: 273-276. May 1945. 23 Q33
- 11033 MORRISON, G. Good breeding of vegetables, provides uniformity, and adequate isolation maintains uniformity. Seed World 58(1): 52, 54, 56. July 6, 1945. 61.8 Se52
- 11034 MORRISON, G. Tomato pointers for family food gardeners. Seed World 58(2): 12-13. July 20, 1945. 61.8 Se52
- 11035 \*NANDI, H. K. Potato in Assam. Indian Farming 5: 551-554. Dec. 1944. 22 In283
- 11036 PORTER, R. P. Packer favors tampala over spinach. Food Packer 26(8): 64, 66. July 1945. 286.83 C165
- 11037 FREE, H. L. The right and wrong way to prune and stake tomato plants. Saskatchewan Farmer 36(14): 12. July 16, 1945. 7 Sa74
- 11038 PROCTER, G. C. Glasshouse science and practice; current comments on tomato culture. Fruit-Grower, Fruiterer, Florist & Market Gard. 99: 470, 474. June 28, 1945. 80 F941
- 11039 \*PUSHKARNATH. When and how to use cut seed potatoes. Indian Farming 6: 168-172. Apr. 1945. 22 In283
- 11040 ROCKWELL, F. F. Last call for winter vegetables! Home Gard. 6(1): 20-22. July 1945. 80 H756
- 11041 \*S. Vorbedingungen zum erfolg im gemüsebau. Schweiz. Gart., No. 1, p. 23. Jan. 1945. 80 Sch93
- 11042 SEEDLESS tomatoes--what next? Monsanto Mag. 24(3): 7-9. June 1945. 309.8 M75
- Effect of spraying with chemical growth substances.
- 11043 SHEWELL-COOPER, W. E. Continuity in cropping. Estate Mag. 45: 156-157. June 1945. 10 Es8
- Truck farming.
- 11044 SHEWELL-COOPER, W. E. How to rear good tomatoes and cucumbers. New Health 20(6): 24. June 1945. 449.8 N45
- 11045 SOBRERO, L. R. Industrialización de las sementeras de papas. Bolsa de Com., Rosario. Rev. 33(801): 3-4. May 31, 1945. 287 R71
- Culture and selection of seed potatoes.
- 11046 STEVENSON, F. J. Results and outlook in potato breeding. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 148-162. 75.9 Oh3
- 11047 TOMALIN, T. E. More roots [vegetables] for the winter store. Pop. Gard. 47: 139. June 30, 1945. 80 G1622
- 11048 UNDERHILL, R. M. Great possibilities in hydroponics; cheaper, speedier, pest-free commercial crop production. Smallholder 73(1840): 10-11. June 22, 1945. 10 Sml
- Experiences in soilless cultivation of tomatoes.
- 11049 WEBSTER, H. N. Four more mushrooms. Natl. Council State Gard. Clubs B. 16(7/8): 21-24. June/July 1945. 90.32 N21
- 11050 WENT, F. W. Night temperature and fruiting of tomatoes. Calif. Fruit and Veg. Rev. 6(4): 35, 39. July 1945. 80 G1224
- 11051 WOODWARD, R. S. Increase consumer demand for eggplant. Market Growers J. 74(7): 5, 31. July 1945. 6 M34
- A minor crop in the United States.
- 11052 \*Z. Wie erhalte ich schönen sellerie? Schweiz. Gart., No. 6, p. 177. June 10, 1945. 80 Sch93
- 11053 \*ZANNONI, I. La coltivazione invernale delle bietole nel Mezzogiorno. Provi culturali 1941-42. Ital. Agr. 80: 24-32. Jan. 1943. 16 It1



## WEEDS AND POISONOUS PLANTS

- 11054 ANDERSON, B. Eradicating charlock by new weed killer--"Methoxone". Farming News and North Brit. Agr. 97(26): iv. June 22, 1945. 10 N82
- 11055 BELLUE, M. K. Weed seed handbook. II. Calif. Dept. Agr. B. 34: 76-83. Apr./June 1945. 2 C12M
- 11056 \*CHABROLIN, C. Essais de désherbage sélectif des céréales avec le pentachlorophénate de soude. Acad. d'Agr. de France. Compt. Rend. 29: 459-460. Oct. 27/Nov. 3, 1943. 14 P215Bc
- 11057 CHURCHILL, B. R. Controlling weeds by good farming. U and I Cult. 5(2): 10. June 1945. 66.8 U12
- 11058 DU TOIT, E. The control of weeds. Farming in So. Africa 20: 296-302. May 1945. 24 So842
- 11059 DU TOIT, E., and SELLSCHOP, J. Nut grass (uintjies) and sheep sorrel declared weeds. Farming in So. Africa 20: 291-294. May 1945. 24 So842  
Cyperus esculentus and Rumex acetosella.
- 11060 \*FOURNIER, P. À propos du panais urticant [Pastinaca urens]. Soc. Bot. de France. B. 89: 45-46. Jan./Mar. 1942. 451 F84B
- 11061 FREE, M. Specters in the garden [poisonous plants]. Home Gard. 6(1): 84-86. July 1945. 80 H756
- 11062 FROMM, F., and VIDAL, I. Scientific apparatus and laboratory methods; the chemical control of Bermuda grass and crowfoot grass. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 240. May/Dec. 1944. 8 R325
- 11063 HEALY, A. J. Agriculture's fifth column, No. 1, weeds in New Zealand. Straight Furrow 4(6): 16. Apr. 16, 1945. 281.8 St8
- 11064 HEALY, A. J. Cape tulip [Homeria collina]. New Zeal. J. Sci. and Technol. Sect. A, Agr. 26: 351-356. Apr. 1945. 514 N48A
- 11065 HYDE, E. O. C. Weed seeds in agricultural seed. II. New Zeal. J. Agr. 70: 304-305. May 15, 1945. 23 N48J
- Illustrations with descriptive text.
- 11066 LARSEN, N. P. They call it hypersensitivity; help our...hay fever sufferers; by pulling up every flowering weed you see. Hawaii Farm and Home 8(7): 22-23. July 1945. 25 H3191
- 11067 \*MARCERON, L. La maladie de la "Pastenade" et les problèmes botaniques qu'elle soulève. Soc. Bot. de France. B. 88: 442-446. Jan./June 1941. 451 F84B  
Caused by Pastinaca silvestris.
- 11068 MOORE, E. C. Non-tillage weed spray program in Tulare County. Calif. Citrog. 30: 280-281. July 1945. 80 C125  
Use of oil sprays.
- 11069 MOORE, G. E. Some poisonous plants. Mo. Conserv. 6(7): 12-13. July 1945. 279.8 M69
- 11070 \*PALIBIN, I. V. Kiprei (Willow herb. Epilobium). Priroda 33(4): 63-64. 1944. 410 P933  
E. angustifolium.
- 11071 RATERA, E. L. Plantas tóxicas para el ganado más comunes en nuestros campos. Bolsa de Com., Rosario. Rev. 33(801): 11-13. May 31, 1945. 287 R71
- 11072 SCHULTZ, H. Weeding carrots by spraying [with kerosene]. So. Austral. Dept. Agr. J. 48: 395. Apr. 1945. 23 So84
- 11073 SOUTTER, R. E. The wild oat pest. Queensland Agr. J. 60: 225-226. Apr. 1945. 23 Q33
- 11074 \*STEIN, H. Haut-verätzung durch pastinak [Pastinaca sativa]. Natur u. Volk 74: 100-101. Mar. 1944. 509 F856
- 11075 THONE, F. Poison ivy facts. Chemistry 18(10): 39-40. June 1945. 381 J826A
- 11076 THWAITES, T. W. Eradicating annual weeds. U and I Cult. 5(2): 11. June 1945. 66.8 U12
- 11077 TOBÓN VILLEGAS, A. Control económico de malezas. Agr. Trop. 1(2): 57-59. Mar. 1945. 26 Ag8

11078 \*TRUFFAUT, M. G., and PASTAC, M. I. Destruction par poudrage des plantes adventices à l'aide de colorants nitrés. Acad. d'Agr. de France. Compt. Rend. 29: 381-383. June 30/July 7, 1943. 14 P215Bc

11079 TUKEY, H. B., and HALNER, C. L. A new principle in weed control [2, 4-D]. Farm Res. [N. Y. State Sta.] 11(3): 3, 16. July 1, 1945. 100 N48A

MISCELLANEOUS ECONOMIC PLANTS  
(Drug, Dye, Rubber, etc.)

- 11080 \*AKSU, S. Firetrinlerin kantitatif tayinleri üzerinde bir inceleme ve yeni bir tayin yolu (A new method on the quantitative determination of pyrethrins). Turkey. İnhisarlar Tütün Inst. Raporları 3: 155-159. 1944. 69.8 T842  
English summary.
- 11081 \*BUCCI, M. Alcuni dati sulla coltivazione e produzione dell'astragalo. Ital. Agr. 80: 467-469. Sept. 1943. 16 It1  
Astragalus boeticus.
- 11082 CÁRDENAS RAMÍREZ, J. R. El cultivo del té en el Valle de la Convención (Cuzco). Agronomía [Lima] 9(39): 43-60. Dec. 1944. 9.8 Ag83
- 11083 CASAL MARQUETTI, J. R. Cultivo del azafrán. Cuba. Min. de Agr. Rev. (ser. 4) 28(2): 79-80, 84. Apr./June 1945. 8 Ag88Re
- 11084 \*CHAVANNE, L. Flore apicole [Hovenia dulcis]. Soc. Romande d'Apic. B. 41: 215-217. July 1944. 424.9 Sol
- 11085 CHILDERS, N. F., and ROBLES, P. S. Bay rum from Puerto Rico. Agr. in the Americas 5: 132-135. July 1945. 1 F752A  
Fimentera racemosa.
- 11086 \*CHOWDHURY, S. Tejpat cultivation in Sylhet. Indian Farming 5: 568. Dec. 1944. 22 In283  
Cinnamomum tamala and C. obtusifolium; leaves used for spice.
- 11087 \*CIFERRI, R., and GAROGLIO, P. G. Per una produzione italiana di agar o di suoi sostituti. Ital. Agr. 78: 431-434. June 1941. 16 It1
- 11088 CORBIN, F. Le vétiver. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 2: 41-42. Mar. 1945. 8 R327
- 11089 D., E. Guayule, coming farm crop. Ariz. Farmer 24(13): 1, 16-17, 23. July 14, 1945. 6 Ar44
- 11090 DANIELS, G. S. Research in the drug industry. Chemistry 18(10): 28-30. June 1945. 381 J826A  
Includes drug plants.
- 11091 \*DE SILVA, C. A. Comparison of [Hevea] tapping systems. Rubber Res. Scheme, Ceylon, Q. C. 21: 8-15. Dec. 1944. 78.9 C33Q  
Field experiments on Dartonfield Estate - XXV.
- 11092 \*FIGUÉRES, R. Pour comprendre et exécuter la taille du caféier. France. Dir. de l'Agr., de l'Élevage et des Forêts. Sect. Tech. d'Agr. Trop. Trav. Ser. 1, p. 9-26. 1944. 26 F84
- 11093 \*FORD, C. E. Ceylon [Hevea] clones. X. Rubber Res. Scheme, Ceylon, Q. C. 21: 25-29. Dec. 1944. 78.9 C33Q
- 11094 \*FORD, C. E. Planting material and related problems [concerning Hevea]. Rubber Res. Scheme, Ceylon, Q. C. 21: 20-25. Dec. 1944. 78.9 C33Q
- 11095 GROH, H., and DORE, W. G. A milkweed [Asclepias syriaca] survey in Ontario and adjacent Quebec. Sci. Agr. 25: 463-481. Apr. 1945. 7 Sci
- 11096 GUENTHER, E. The production of essential oils in Latin America. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 205-211. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 11097 HERNÁNDEZ VIDAURRETA, M. El jengibre. Cuba. Min. de Agr. Rev. (ser. 4) 28(2): 83-84. Apr./June 1945. 8 Ag88Re
- 11098 \*JELMONI, E. In tema di gelsicoltura specializzata a forme ridotte. Ital. Agr. 80: 197-204. Apr. 1943. 16 It1



11099 \*LUDWIG, W. Über das vorkommen der englewurz (*Angelica archangelica* L.) bei Frankfurt a. M. *Natur u. Volk* 73: 287-292. Nov. 1943. 509 F856

11100 \*MANETTI, C. La coltura del té. *Rass. Econ. dell'Africa Ital.* 29: 708-711. Nov. 1941. 261 C71

11101 \*MANETTI, C. Organizzazione della produzione del caffè in Africa Orientale Italiana. *Rass. Econ. dell'Africa Ital.* 28: 974-990. Dec. 1940. 261 C71

Cultivation and processing.

11102 MARKLEY, K. S. Fat and oil resources of Latin America. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 211-218. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

11103 \*MERCIER, A. L'areca et le bétel. *Soc. Linn. de Lyon. B. Mens.* 13: 28-30, 46-38, 58-60. Jan.-Mar. 1944. 505 L992B

11104 MOXON, A. L., and WHITEHEAD, E. I. The rubber content of some South Dakota plants. *S. Dak. Acad. Sci. Proc.* (1943) 23: 53-55. June 1944. 500 So82

11105 ORPET, E. O. *Osmunda fibre.* *Gard. Chron.* 117: 278-279. June 23, 1945. 80 G162

11106 PELLETT, F. C. Honey plants for the roadside. *Amer. Bee J.* 85: 244-245. July 1945. 424.8 Am3

11107 PENNINGTON, C. Vanilla pollination is no mystery. *Rev. de Agr., Indus. y Com. de Puerto Rico* 35: 225-233. May/Dec. 1944. 8 R325

11108 PENNOCK, W. Notes on cinchona culture. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 202-205. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

11109 RANDS, R. D. Hevea rubber culture in Latin America, problems and procedures. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 183-199. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

Revision of three articles in *India Rubber World*, June-Aug. 1942.

11110 \*SCHMIDT, F. A. Die biene als fruchtbarkeitsmittlerin beim Ölkurbisbau. *Deut. Bienenwirtsch.* 2: 103-104. (Concl.) July 1944. 424.8 D487

11111 \*SHARP, C. C. T. The performance of imported clones [Hevea] in Ceylon. VI. *Rubber Res. Scheme, Ceylon, Q. C.* 21: 15-20. Dec. 1944. 78.9 C33Q

11112 SHEWELL-COOPER, W. E. Commercial herb production. *Estate Mag.* 45: 181-183. July 1945. 10 Es8

11113 STEFFEK, E. F. Bee pasturage diminishing. *New England Homestead* 118(13): 8. July 14, 1945. 6 N442

11114 \*TALLARICO, G. Le piante trascurate; il ficodindia [*Opuntia ficus*]. *Ital. Agr.* 78: 499-511. July 1941. 16 It1

11115 UPHOF, J. C. T. Certain minor rubber producing plants in the Western Hemisphere during times of emergency. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 201-202. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

11116 \*WHELAN, L. A. Measurements of [Hevea] growth in replanted areas (1944). *Rubber Res. Scheme, Ceylon, Q. C.* 21: 3-6. Dec. 1944. 78.9 C33Q

Field experiments on Dartonfield Estate - XXIII.

11117 \*WICKI, F. J. Geschichte unserer heilpflanzen. *Schweiz. Gart.*, No. 11, p. 332-334. Nov. 20, 1944. 80 Sch93

## SOILS AND FERTILIZERS

## SOIL SCIENCE

11118 \*G., N. K voprosu o sostofanii i podgotovke kadrov po pochvovedeniiu [Organization of cadres of soil scientists]. *Pochvovedenie (Pedology)*, No. 1, p. 64-65. 1945. 57.8 P34

11119 \*GORBUNOV, N. I. Perspektivy raboty Vsesoiuznogo Obshchestva Pochvovedov na 1945 g. [Prospective activities of the All-Union Society of Soil Scientists in 1945]. *Pochvovedenie (Pedology)*, No. 1, p. 63-64. 1945. 57.8 P34

11120 \*PANFILOV, V. N. Oborudovanie agrokhimicheskikh laboratorii [Equipment of agrochemical laboratories]. *Pochven. Inst. im. V. V. Dokuchaeva. Sovrem. Agrokhim. Metody Issled. Pochv.*, No. 1, p. 154-172. 1944. 56.42 P93

## Soil Physics

11121 \*ANTONIANI, C. Profili anomali di terre scopine dell'Umbria. *Ital. Agr.* 80: 339-341. July 1943. 16 It1

11122 \*BOIANOV, P. Universalen metod za opredeliane vodnifa kapacitet na pochvite (A universal method for determination of the water holding capacity of soils). *Spis. Zeml. Izp. Inst. B'lgariia (Rev. Insts. de Rech. Agron. en Bulgarie)* 13: 155-160. 1943. 106.3 R32

11123 \*BURGEVIN, H., and HENIN, S. Influence de la profondeur du plan d'eau sur le développement des plantes. *Ann. Agron. [Paris] (n. s.)* 13: 288-294. July/Sept. 1943. 464.8 P56

11124 \*CERIGHELLI, R., and GAND, E. Recherches sur l'analyse mécanique des sols d'alluvions de la Camargue. *Ann. Agron. [Paris] (n. s.)* 13: 30-35. Jan./Mar. 1943. 14 An75A

11125 CHENERY, E. M. The moisture profile in some Trinidad forest and cacao soils. *Trop. Agr. [Trinidad]* 22: 100-115. June 1945. 26 T754

11126 \*COLLIER, D. Composition minérale-pédrographique et coloration des sols dans le Puy-de-Dôme. *Ann. Agron. [Paris] (n. s.)* 14: 169-177. Apr./June 1944. 14 An75A

11127 \*DEMOLON, A. Mécanisme de la protection de la structure des terres par la matière organique, le repos sous prairie artificielle ou le chaulage. *Acad. d'Agr. de France. Compt. Rend.* 30: 26-28. Jan. 5, 1944. 14 P215Bc

11128 ERNESTO RIVEROS, J. Endurecimiento del suelo e impermeabilización del subsuelo en los viñedos. *Mendoza (Prov.). Dir. de Indus. y Fomento Agr. B. Agr.* 12: 391-397. Oct./Dec. 1944. 9 M52B

11129 HOWLAND, J. E. Aeration of soil is important factor in growth of crops. *Florists' Rev.* 96(2485): 19-20. July 12, 1945. 80 W41

Management of soil for increase of granulation and aeration.

11130 \*MISHUSTIN, E. N. Labil'naia chast' pochvennoi makrostruktury [The labile part of the macrostructure of soils]. *Pochvovedenie (Pedology)*, No. 2, p. 122-130. 1945. 57.8 P34

English summary.

11131 \*PALOMARES CASADO, M. La temperatura del suelo. *Agr. Levantino* 10(116): 12-13. July 1944. 15 Ag85

11132 RUSSELL, M. B. Predicting changes in water-table elevation in peat land. *Agr. Engin.* 26: 292. July 1945. 58.8 Ag83



11133 \*TANOV, E. H. Prinos k'm podobrenie fizichnitse svoistva na pochvata [Contribution to the knowledge of the physical properties of soils]. Spis. Zeml. Izp. Inst. B'lgariia (Rev. Insts. de Rech. Agron. en Bulgarie) 11: 33-75. 1943. Ref. 106.3 R32

#### Soil Chemistry and Mineralogy

11134 \*ASKINAZI, D. L., and FARUSOV, S. S. Opredelenie potrebnosti podzolistykh pochv v izvesti [Determining the lime requirements of podzolic soils]. Pochven. Inst. im. V. V. Dokuchaeva. Sovrem. Agrokhim. Metody Issled. Pochv, No. 1, p. 5-38. 1944. Ref. 56.42 P93

11135 \*ASKINAZI, D. L., SOKOLOV, A. V., and SERDOBOL'SKIĬ, I. P. Opredeleniia v pochve fosfora v usvoiaemol' dlia rastenii forme [Determining the content of assimilable phosphorus in the soil]. Pochven. Inst. im. V. V. Dokuchaeva. Sovrem. Agrokhim. Metody Issled. Pochv, No. 1, p. 39-90. 1944. Ref. 56.42 P93

11136 \*BARBIER, G. Dosage rapide de l'acide phosphorique et de la potasse dans les sols en vue de fixer la fumure. Ann. Agron. [Paris] (n. s.) 11: 208-222. Second semester 1941. 14 An75A

11137 \*BARBIER, G., and CHABANNES, J. Observations sur la rétention de l'ion  $SO_4^{4-}$  et les formes du soufre dans les sols. Ann. Agron. [Paris] (n. s.) 14: 145-154. Apr./June 1944. 14 An75A

11138 \*BARBIER, G. Observations sur les produits humiques à base de tourbe et de lignite. Ann. Agron. [Paris] (n. s.) 13: 36-47. Jan./Mar. 1943. Ref. 14 An75A

11139 \*BERTRAND, G. Sur le magnésium contenu dans l'eau de pluie récoltée à Paris. Ann. Agron. [Paris] (n. s.) 13: 221-232. July/Sept. 1943. 14 An75A

11140 \*BOBKOV, E. V. Soderzhanie vazhneishikh mikroelementov v pochvakh SSSR i metodika opredeleniia nekotorykh iz nikh [Content of most important micro-elements in the soils of USSR and methods of determining several of them]. Pochven. Inst. im. V. V. Dokuchaeva. Sovrem. Agrokhim. Metody Issled. Pochv, No. 1, p. 125-148. 1944. 56.42 P93

11141 \*CHAMINADE, R. Les formes du phosphore dans le sol. Nature et rôle des complexes phospho-humiques. Ann. Agron. [Paris] (n. s.) 14: 1-53. Jan./Mar. 1944. Ref. 14 An75A

11142 \*CHAMINADE, R. Sur l'existence dans les sols de complexes phospho-humiques. Acad. d'Agr. de France. Compt. Rend. 29: 235-237. May 12, 19, 1943. 14 P215Bc

11143 \*DECOUX, L., and SIMON, M. La détermination des besoins en engrais par l'analyse des sols. Assoc. des Chim. B. 59: 693-707. Sept./Oct. 1942. 383 As7

11144 \*DEMOLON, A. Ou en sont les réserves d'acide phosphorique de nos sols? Acad. d'Agr. de France. Compt. Rend. 30: 57. Jan. 12/19, 1944. 14 P215Bc

11145 \*DROUINEAU, G. Dosage rapide du calcaire actif des sols. Ann. Agron. [Paris] (n. s.) 12: 441-450. July/Sept. 1942. 14 An75A

11146 \*DROUINEAU, G. Une méthode rapide d'appréciation du pouvoir chlorosant des sols calcaires. Acad. d'Agr. de France. Compt. Rend. 27: 1132-1137. Dec. 10/17, 1941. 14 P215Bc

Also in Ann. Agron. [Paris] (n. s.) 13: 16-18. Jan./Mar. 1943. 14 An75A

11147 \*DROUINEAU, G., and GUÉDON, A. Sur le semi-microdosage colorimétrique du magnésium dans les milieux riches en acide phosphorique et en calcium. Ann. Agron. [Paris] (n. s.) 13: 421-426. Oct./Dec. 1943. Ref. 14 An75A

11148 \*DROUINEAU, G., and GUÉDON, A. Sur une méthode rapide de dosage du magnésium échangeable. Ann. Agron. [Paris] (n. s.) 13: 177-183. Apr./June 1943. 14 An75A

11149 FRAPS, G. S., and FUDGE, J. F. The nature of the phosphates dissolved by various soil extractants. Amer. Soc. Agron. J. 37: 532-541. July 1945. 4 Am34P

11150 HARDY, F. The significance of carbon-nitrogen ratio in soils growing cotton. (I) The cotton soils of Queensland, Australia. Trop. Agr. [Trinidad], 22: 119-127. July 1945. 26 T754

11151 HENDRICKS, S. B. Base exchange of crystalline silicates. Indus. and Engin. Chem., Indus. Ed. 37: 625-630. July 1945. 381 J825

11152 HESTER, J. B. Correlative factors in rapid chemical tests of soils. Amer. Fert. 102(12): 7-10, 26, 28, 30. June 16, 1945. 57.8 Am3

11153 \*LIWERANT, J. Les sols d'alluvions de la vallée de la Garonne. Ann. Agron. [Paris] (n. s.) 11: 59-82. First semester 1941. 14 An75A  
Chemistry of surface soils and profiles; suggestions for fertilization.

11154 \*MARTIN, R. Méthode Sekera d'analyse des sols. Ann. Agron. [Paris] (n. s.) 13: 27-29. Jan./Mar. 1943. 14 An75A

11155 \*MATTSON, S., and KOUTLER-ANDERSSON, E. The acid-base condition in vegetation, litter and humus: VIII. Forms of acidity. Sweden. Lantbrukshögsk. Ann. 12: 70-100. 1944/45. 106 Up6

11156 \*MATTSON, S., SANDBERG, G., and TERNING, P. E. Electro-chemistry of soil formation. VI. Atmospheric salts in relation to soil and peat formation and plant composition. Sweden. Lantbrukshögsk. Ann. 12: 101-118. 1944/45. Ref. 106 Up6

11157 \*MATTSON, S., and LARSSON, K. G. Laws of ionic exchange. II. The valence effect in relation to the micellar ion concentration and base saturation of Donnan systems. Sweden. Lantbrukshögsk. Ann. 12: 222-229. 1944/45. 106 Up6

11158 \*MATTSON, S. The pedography of hydrologic soil series: V. The distribution of K and P and the Ca/K ratios in relation to the Donnan equilibrium. Sweden. Lantbrukshögsk. Ann. 12: 119-130. 1944/45. 106 Up6

11159 \*MONTAHLLOT, G. Examen microscopique d'un sol rouge de garrigue. Ann. Agron. [Paris] (n. s.) 14: 60-68. Jan./Mar. 1944. 14 An75A

11160 \*MONTAHLLOT, G. Observations sur des concrétions calcaires. Ann. Agron. [Paris] (n. s.) 12: 276-288. Apr./June 1942. 14 An75A

11161 ORCHARD, E. R. Analysis of soil and other samples. Farmer's Weekly [Bloemfontein], 69: 623. June 6, 1945. 24 F225

11162 PIZER, N. H. Soil analysis and advisory problems - I. Gt. Brit. Min. Agr. Agriculture 52: 164-170. July 1945. 10 G79J

11163 REYNOLDS, E. B., COWLEY, W. R., and SMITH, J. C. Soil reaction as affected by plowing under hairy vetch. Amer. Soc. Agron. J. 37: 509-513. July 1945. 4 Am34P

11164 \*SEDLITSKIĬ, J. D., and IVANOV, D. N. Soderzhanie medi v glavneishikh tipakh pochv Sofiia SSR i spektral'nyi metod ee opredeleniia [Copper content of the most important types of soils of the USSR and the spectral method of determining it]. Pochven. Inst. im. V. V. Dokuchaeva. Sovrem. Agrokhim. Metody Issled. Pochv, No. 1, p. 149-153. 1944. 56.42 P93

11165 \*SERDOBOL'SKIĬ, I. P. Metody opredeleniia podvizhnykh form kaliiia v karbonatnykh pochvakh [Methods of determining the mobile forms of potassium in carbonate soils]. Pochven. Inst. im. V. V. Dokuchaeva. Sovrem. Agrokhim. Metody Issled. Pochv, No. 1, p. 111-114. 1944. 56.42 P93

11166 \*TURCHIN, F. V. Metody opredeleniia stepeni obespechenosti pochv azotom [Methods of determining the nitrogen content of soils]. Pochven. Inst. im. V. V. Dokuchaeva. Sovrem. Agrokhim. Metody Issled. Pochv, No. 1, p. 115-124. 1944. 56.42 P93



11167 \*TURCHIN, F. V. Metody opredeleniia stepeni obespechennosti pochv usvoiaenym kaliem [Methods of determining the content in soils of assimilable potassium]. Pochven. Inst. im. V. V. Dokuchaeva. Sovrem. Agrokhim. Metody Issled. Pochv, No. 1, p. 91-110. 1944. 56.42 P93

11168 \*VINCENT, V. Utilisation des réserves d'acide phosphorique des sols. Acad. d'Agr. de France. Compt. Rend. 30: 181-183. Mar. 29, 1944. 14 P215Bc

Liming the soil changes organic phosphorus to phosphates and aids in its utilization.

11169 \*WIKLANDER, L., and HALLGREN, G. Über die dispersion der bodenkolloide. Sweden. Lantbrukshögsk. Ann. 12: 230-250. 1944/45. 106 Up6

#### Soil Biology

11170 BARQUERO MORA, H. Nuevos datos acerca de la fijación simbiótica del nitrógeno. Agr. Costarricense 3: 171-175. (Concl.) Apr. 1945. 8 Ag895

11171 \*DEMOLON, A., and DUNEZ, A. Nouvelles observations sur la fixation symbiotique de l'azote et l'inoculation des légumineuses (5<sup>e</sup> mémoire.) Ann. Agron. [Paris, (n. s.) 13: 48-59. Jan./Mar. 1943. 14 An75A

11172 \*DIKO, N. A. Mokrišy i ikh rol' v pochvoobrazovanii pustyn' (Hemilepistus (Percepio) and their rôle in soil formation in deserts). Pochvovedenie (Pedology), No. 2, p. 115-121. 1945. 57.8 P34

English summary.

11173 \*FÄHRAEUS, G. Studies in aerobic cellulose decomposition. I. The course of cellulose decomposition by Cytophaga. Sweden. Lantbrukshögsk. Ann. 12: 1-22. 1944/45. 104 Up6

11174 JONES, M. T., and TANNER, F. W. Incidence and distribution of Clostridium botulinum in soils of Illinois. Food Res. 10: 238-245. May/June 1945. 389.8 F7322

11175 \*KRASIL'NIKOV, N. A., and NIKITINA, N. I. Vliianie razlagaushchikh kornei na sostav mikroflory v pochve [Influence of decaying roots on the microflora of soils]. Pochvovedenie (Pedology), No. 2, p. 131-135. 1945. 57.8 P34

English summary.

11176 MONTGOMERIE, R. O. The home of the casting worm. Straight Furrow 4(6): 41, 42. Apr. 16, 1945. 281.8 St8

11177 MONTGOMERIE, R. O. More features of the casting worm. Straight Furrow 4(6): 33. Apr. 16, 1945. 281.8 St8

11178 NEWTON, J. D., and WYATT, F. A. Legume inoculation. Alberta U. Col. Agr. C. 4, ed. 4, rev., 14 p. Edmonton, 1945. 275.29 AL122

11179 PIÑEIRO, A. La importancia de las bacterias en el suelo. Campo [Buenos Aires, 29(343): 23, 37. May 1945. 9 C15

11180 POLLARD, A. G. Soil condition and distribution of micro-organisms. (Abs.) Trop. Agr. [Trinidad, 22: 117-118. July 1945. 26 T754

11181 VIRTANEN, A. I. Symbiotic nitrogen fixation. Nature [London, 155: 747-748. June 23, 1945. 472 N21

#### Soil-Plant Relationships and Soil Requirements

11182 BEAR, F. E. Alfalfa - the aristocrat. Com. Fert. 71(1): 28-30, 38-40. July 1945. 57.8 C73  
Soil and fertilizer requirements.

11183 BEESON, K. C. Nutrition comes from the soil. Farm and Ranch 64(8): 8-9. Aug. 1945. 6 T31  
Effects of soil quality on nutritive value of plants grown on it.

11184 \*BOISCHOT, P., and RICHARD, H. Épuisement des sols en P et K par la culture de la luzerne. Acad. d'Agr. de France. Compt. Rend. 30: 60-61. Jan. 12/19, 1944. 14 P215Bc

11185 \*BURGEVIN, H. Action des humates alcalins. Expériences en vases de végétation. Ann. Agron. [Paris, (n. s.) 13: 11-12. Jan./Mar. 1943. 14 An75A

11186 \*DEMOLON, A. Rapports entre les caractères des sols (types génétiques et nature des roches-mères) et leur vocation culturale. Acad. d'Agr. de France. Compt. Rend. 29: 217-220. Apr. 14/May 5, 1943. 14 P215Bc

11187 \*DEPARDON, L., and BURON, P. Conditions agrologiques de la culture de l'asperge. Acad. d'Agr. de France. Compt. Rend. 29: 431-433. Oct. 13, 20, 1943. 14 P215Bc

Soils suitable for asparagus.

11188 \*DONÀ DALLE ROSE, A. Sulla stanchezza del terreno nei confronti del lino. Ital. Agr. 79: 543-545. Oct. 1942. 16 It1

11189 DUNN, L. E., and ROST, C. O. Effect of fertilizers on the quality of potatoes grown in the Red River Valley of Minnesota. Amer. Potato J. 22: 173-187. Ref. June 1945. 75.8 P842

Influence of phosphate and potash fertilizers on cooking quality.

11190 \*HAMY, A. Contribution à l'état de l'influence des matières fertilisantes sur la composition des sucres végétaux. Ann. Agron. [Paris, (n. s.) 13: 117-129. Apr./June 1943. 14 An75A

11191 \*MATTSSON, S., and KARLSSON, N. The pedography of hydrologic soil series: VI. The composition and base status of the vegetation in relation to the soil. Sweden. Lantbrukshögsk. Ann. 12: 186-203. 1944/45. 106 Up6

11192 PAGE, J. P., and others. The partial inventory of Ohio greenhouse soils. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 110-118. 75.9 Oh3

F. S. Howlett, L. J. Alexander, I. C. Hoffman and R. B. Neiswander, joint authors.

Investigation of physical and chemical properties to determine causes of tomato wilt.

#### Soil Genesis, Formation, Classification, and Mapping

11193 ALBRECHT, W. A. Our soils - under construction. Philfarmer, Third quarter 1945, p. 2. 6 P53

11194 \*AUBERT, G., and BÉTRÉMIEUX, R. Pédologie et paysage rural: les sols de bocage. Ann. Agron. [Paris, (n. s.) 13: 251-274. July/Sept. 1943. 14 An75A

11195 AUTEN, J. T. Relative influence of sassafras, black locust, and pines upon old-field soils. J. Forestry 43: 441-446. June 1945. 99.8 F768

11196 \*BORDAS, J. Contribution à l'étude des types de sol de la basse vallée du Rhone. Ann. Agron. [Paris, (n. s.) 11: 182-206. Second semester 1941. 14 An75A

Includes also crops grown or suitable for growing in the area.

11197 \*BORDAS, J. Contribution à l'étude des types de sol de la basse vallée du Rhone. 4<sup>e</sup> Mémoire. Les "Terres rouges" et les "Terres blanches" du plateau de Saint-Christol. Ann. Agron. [Paris, (n. s.) 12: 251-275. Apr./June 1942. Ref. 14 An75A

11198 \*BORDAS, J. Les vignobles de sable en Camargue. Ann. Agron. [Paris, (n. s.) 14: 215-220. Apr./June 1944. 14 An75A

Includes study of climate and soils.

11199 \*BRIQUET, C., and JOUIS, E. Les alluvions anciennes et modernes de la vallée de la Seine. Ann. Agron. [Paris, (n. s.) 12: 1-18. Jan./Mar. 1942. 14 An75A

11200 CARRER MESTRE, P. Los suelos de Cuba y la agricultura científica. B. de Inform. Agr. del Gobierno Prov. de las Villas 17(127): 4, 11, 33-34, 36. (Cont.) Jan./Mar. 1945. 8 Sa53



- 11201 \*CHASTUKHIN, V. I. *Ekologicheskiy analiz raspada rastitel'nykh ostatkov v elovykh lesakh* (Ecological analysis of the decomposition of plant residues in pine woods). *Pochvovedenie* (Pedology), No. 2, p. 102-114. 1945. 57.8 P34  
English summary.
- 11202 \*DEMOLON, A. *Pédologie et prospection des sols*. *Assoc. des Chim. B.* 61: 101-108. Mar./Apr. 1944. 384 As7
- 11203 ELLIS, B. S. *A guide to some Rhodesian soils*. *Rhodesia Agr. J.* 42: 143-153. Mar./Apr. 1945. 24 R34
- 11204 \*GAUSSEN, H. *Le climat et le sol du Pays Basque*. *Soc. Bot. de France. B.* 88(1): 5-16. 1941. 451 F84B  
Includes parts of both French and Spanish Basque lands.
- 11205 \*GEZE, B. *Observations sur les sols du Cameroun Occidental*. *Ann. Agron. [Paris]* (n. s.) 12: 103-131. Jan./Mar. 1942: 14 An75A
- 11206 GRANGE, L. I. *Farming in New Zealand; North Island soils*. *New Zeal. J. Agr.* 70: 387-397. Apr. 16, 1945. 23 N48J
- 11207 \*GUYON, G. *Observations sur les terres abandonnées du Puy-de-Dôme*. *Acad. d'Agr. de France. Compt. Rend.* 28: 375-380. Apr. 15/22, 1942. 14 P215Bc
- 11208 \*JORET, G., and MALTERRE, H. *Les sols du Vimeu*. *Ann. Agron. [Paris]* (n. s.) 13: 367-403. Oct./Dec. 1943. Ref. 14 An75A
- 11209 \*LIVEROVSKIY, I. U. A. *K genezisu gorno-lugovykh pochv* (Alpine-meadow soils and their development). *Pochvovedenie* (Pedology), No. 2, p. 83-101. 1945. 57.8 P34  
English summary.
- 11210 MACIAS VILLADA, M. *Correlación entre los grandes grupos de suelos del mundo y los tipos de suelos de la clasificación Americana*. *Irrig. en Méx.* 26(1): 127-132. Jan./Mar. 1945. 55.8 Ir76  
Includes maps and charts, in colors.
- 11211 \*MALTERRE, H. *Constitution et vocation culturale des sols de la Brie Française et de la Haute Brie*. *Ann. Agron. [Paris]* (n. s.) 13: 233-250. July/Sept. 1943. 14 An75A
- 11212 PENDLETON, R. L. *Some important soils of Central America*. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 163-165. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 11213 \*RADET, E. *Notes sur la Champagne crayeuse*. *Ann. Agron. [Paris]* (n. s.) 13: 137-176. Apr./June 1943. Ref. 14 An75A  
Climate, geology, soil description and analysis, and crops.
- 11214 RESEARCH and the farmer. II. *Soils of Northern Ireland*. *North. Ireland. Min. Agr. Monthly Rpt.* 20: 34-37. June 1945. 256.13 Ag82M
- 11215 \*VAGELER, P. *Zur problematik der kolonialen bodenkunde*. *Z. f. Weltforstw.* 10: 165-179. Mar. 1943. 99.8 Z35  
Soil origins and types in the Atlas region of North Africa.
- 11216 \*VOLOBUEV, V. R. *O pochvenno-klimaticheskikh arealakh* [Soil-climatic areas]. *Pochvovedenie* (Pedology), No. 1, p. 3-16. 1945. 57.8 P34  
English summary.
- 11217 \*ZUCCHINI, M. *I terreni salsi della Sardegna*. *Ital. Agr.* 78: 31-39. Jan. 1941. 16 It1
- SOIL MANAGEMENT
- 11218 BELCAGUY, P. J. M. *Sistemas de explotación de los suelos cultivados con tabaco en los Estados Unidos de Norte America*. *Suelo Argentino* 4: 314-316, 318, 320, 337. May 1945. 9 Su2
- 11219 HOFFER, G. N. *When should golf greens be aerated?* *Golfdom* 19(6): 44, 46-48. June 1945. 60.18 G58  
Management of soils on golf courses.
- 11220 JOHNSON, E. D. *Soil management in gladiolus culture*. *Maine Gladiolus Soc. Glad Book* 1945: 14-18. 96.43 M28
- 11221 PAGE, J. B. *Your greenhouse soil problems*. *Ohio Veg. and Potato Growers Assoc. Proc.* (1945) 30: 85-92. 75.9 Oh3
- 11222 ROBINSON, D. H. *Reclaiming pit mounds*. *Gt. Brit. Min. Agr. Agriculture* 52: 178-180. July 1945. 10 G79J  
Reclamation of spoil heaps from coal mining.
- 11223 SARGENT, J. W. *Selective service for each acre*. *Better Crops with Plant Food* 29(6): 25-26, 43-44. June/July 1945. 6 B46  
Management and use of different types of soil in accordance with their capabilities and needs.
- 11224 VAUGH, M. *Problems in Indian Agriculture*. *Agr. Engin.* 26: 294. July 1945. 58.8 Ag83  
Mainly soil management.
- Soil Fertility
- 11225 ALBRECHT, W. A. *Applied nitrogen as possible assistance for legumes*. *Farm for Victory*, No. 18, p. 8-9. June 1945. 281.8 F226
- 11226 ALEXANDER, L. J., and others. *The influence of additions of manure, fertilizer and water on the production of the 1944 fall tomato crop at the Olmsted Greenhouse Company*. *Ohio Veg. and Potato Growers Assoc. Proc.* (1945) 30: 102-110. 75.9 Oh3  
F. S. Howlett, I. C. Hoffman, J. B. Page, and R. B. Neiswander, joint authors.
- 11227 AVILA, C. N. *El humus; su influencia e importancia para la fertilidad del suelo*. *Agr. Venezol.* 9(105/106): 31-32. Jan./Feb. 1945. 9.95 Ag8
- 11228 B., L. A. G. *Abonos en la agricultura*. *Agr. Venezol.* 9(105/106): 46-48. Jan./Feb. 1945. 9.95 Ag8
- 11229 \*BARBIER, G. *Notre agriculture peut-elle se passer d'engrais phosphatés pendant une série d'années?* *Acad. d'Agr. de France. Compt. Rend.* 30: 57-59. Jan. 12/19, 1944. 14 P215Bc
- 11230 BEAR, F. E. *The horse-and-buggy days are gone for good*. *Farm for Victory*, No. 18, p. 13-14. June 1945. 281.8 F226  
Maintenance of soil fertility.
- 11231 \*BORDAS, J. *La culture légumière intensive*. *Ann. Agron. [Paris]* (n. s.) 13: 12-14. Jan./Mar. 1943. 14 An75A  
Importance of fertilizing.
- 11232 BOYNTON, D. *Leaf color standards may lead to better McIntosh apples; work may form basis for improved control of nitrogen nutrition and varying fertilization within orchards*. *Farm Res.* N. Y. State Sta., 11(3): 1-2. July 1, 1945. 100 N48A
- 11233 BRAND, C. J., and SMALLEY, H. R. *The art and science of crop feeding*. *Sci. Monthly* 61: 7-16. July 1945. 470 Sci23  
Development of the science of plant nutrition, and of the fertilizer industry in the United States.
- 11234 BRAY, R. H. *Soil investment pays big returns*. *Ill. Agr. Assoc. Rec.* 23(7): 8-9. July/Aug. 1945. 6 IL62  
Maintenance of fertility.
- 11235 BROWN, H. D. *Fertilizers for vegetables*. *Ohio Veg. and Potato Growers Assoc. Proc.* (1945) 30: 79-84. 75.9 Oh3
- 11236 BUTLER, E. *Melilotus indica* [yellow-flowered sweet clover] + phosphate = more cotton. *Frog. Farmer, Tex. Ed.* 60(8): 8. Aug. 1945. 6 T311  
Value of the clover as a soil-improving crop.
- 11237 CALZADA BENZA, J. *Abonamiento de la papa*. *Agronomía [Lima]* 9(38): 45-55. Oct. 1944. 9.8 Ag83
- 11238 COCHRAN, H. L. *Cover crops, fertilizer, lime help canning crops*. *Farm for Victory*, No. 18, p. 16. June 1945. 281.8 F226



- 11239 COLEMAN, R. Boron content of Mississippi soils and plants. Better Crops with Plant Food 29(6): 11-13, 42-43. June/July 1945. 6 B46
- 11240 COLEMAN, R. High dividends received from corn fertilization; nitrogen usually essential. Miss. Farm Res. [Miss. Sta.] 8(6): 1, 7. June 1945. 100 M69M1
- 11241 COLLINS, E. R. Corn crop looms large as post war nitrogen consumer. Farm for Victory, No. 18, p. 10. June 1945. 281.8 F22C
- 11242 COOPER, J. F. Fertilizers and good management paying dividends on Florida pastures. Farm for Victory, No. 18, p. 16. June 1945. 281.8 F226
- 11243 CROWTHER, E. M. Combine-drilling of phosphate fertilizers for cereals. Gt. Brit. Min. Agr. Agriculture 52: 170-173. July 1945. 10 G79J
- 11244 D., B. W. Tomatoes must have the right plant foods. Pop. Gard. 47: 164. July 21, 1945. 80 G1622
- 11245 \*DEMOLON, A. Fumure phosphatée du sarra-sin. Acad. d'Agr. de France. Compt. Rend. 29: 226-227. Apr. 14/May 5, 1943. 14 P215Bc
- 11246 DONALD, L. June grazing in January. Com. Fert. 71(1): 17-20, 42, 44. July 1945. 57.8 C73
- Importance of fertilizers for forage crops and pastures.
- 11247 DONALDSON, R. W. Increase yields of herbage. Fert. Rev. 20(2): 2-3, 12-13. Apr./May/June 1945. 57.8 F414
- Fertilizing grass and pastures.
- 11248 DONALDSON, R. W. June topdressing. Mass. State Col. Ext. Mass. Dairy Digest, June 27, 1945, p. 6-7, processed. 275.29 M381Md
- Fertilizers for grass and forage plants.
- 11249 EVERETT, T. H. Basic soil improvement. Men's Gard. Clubs Amer. Ybk. 1945: 36-39. 90.32 M52
- 11250 GARCÍA HUIDOBRO, J. Consideraciones tendientes a aumentar la producción de trigo. Ecuador. Primera Zona. Cam. de Agr. Rev. 7: 213-217. Apr. 1945. 9.5 Ec96
- Importance of fertilizers.
- 11251 \*GAROLA, J. Capacité de production des sols d'Eure-et-Loir. Ann. Agron. [Paris] (n. s.) 14: 54-59. Jan./Mar. 1944. 14 An75A
- Three classes of soil and measurement of their productivity.
- 11252 GOETTLER, B. From 30 to 70-bushel oats - proper fertilizer does it. Prairie Farmer, Ill. Ed. 117(15): 23. July 21, 1945. 6 P883B
- 11253 \*GOLUBEV, V. D. Izuchenie zelenogo udobrenia na kashtanovykh pochvakh Zavolz'h'ia pri oroshenii [Study of green fertilizer on the Chestnut soils of Zavolz'h'e under irrigation]. Inst. Zern. Khoz. Tugo-Vostoka SSSR. Inform.-nauch. B. 3, p. 6-9. Nov. 1943. 20 Sa7
- 11254 GORDON, K. M. Gardening in north China as I saw it. Organic Gard. 7(3): 8-9. Aug. 1945. 56.8 Or3
- Chiefly on use of organic fertilizers in soil management.
- 11255 GRAU, F. V. Balanced sods in orchards. Better Crops with Plant Food 29(6): 21-24, 46-49. June/July 1945. 6 B46
- 11256 GREEN, J. Summer application of fertilizers. U and I Cult. 5(2): 13, 21. June 1945. 66.8 U12
- Fertilizing sugar beets, hay crops, and pastures.
- 11257 GREER, S. R. Fertilizing young tung trees. Miss. Farm Res. [Miss. Sta.] 8(6): 8. June 1945. 100 M69M1
- 11258 \*GUYON, G. Arrière-action des fumures. Ann. Agron. [Paris] (n. s.) 13: 6-8. Jan./Mar. 1943. 14 An75A
- 11259 HARDY, F. The College permanent manurial experiment. Trop. Agr. [Trinidad], 22: 128-137. (Cont.) July 1945. 26 T754
- Fertilizer tests.
- 11260 HOFFER, G. N. When your land needs potash. Successful Farming 43(8): 20, 66. Aug. 1945. 6 Sul2
- Effects of potash and potash deficiencies on plants.
- 11261 HOFFMAN, I. C., and others. The influence of liming and mulching soils on the growth and yield of tomatoes at the Olmsted Greenhouse Company, fall of 1944. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 92-102. 75.9 Oh3
- F. S. Howlett, L. J. Alexander, J. B. Page, and R. B. Neiswander, joint authors.
- 11262 HOWARD, SIR A. The stability of the variety. Organic Gard. 7(2): 7-9. July 1945. 56.8 Or3
- Value of organic fertilizers in promoting continuous reproduction of individual varieties.
- 11263 JENSEN, D. Segmented seed and phosphate. U and I Cult. 5(2): 26. June 1945. 66.8 U12
- Application of phosphate with sugar beet seed.
- 11264 JOHN, W. W. Iowa's unique Bro-Falfa Club. Soil Conserv. 11: 11. July 1945. 1.6 So3S
- Organization to promote growing of bromegrass and alfalfa for soil conservation and improvement.
- 11265 JOHN, W. W. Orchardling from the ground up. Better Crops with Plant Food 29(6): 14-15, 49. June/July 1945. 6 B46
- Program for maintaining soil fertility in orchards.
- 11266 JONES, S. C. Results of ammonium nitrate tests on wheat for 1945. Ky. Agr. Col. Ext. Timely Notes on Soils and Crops 2: 33-35, processed. July 1945. 275.29 K415T
- 11267 \*JOUIS, E. La fumure des arbres fruitiers Ann. Agron. [Paris] (n. s.) 13: 14-16. Jan./Mar. 1943. 14 An75A
- 11268 KENNEY, R. Ammonium nitrate records for 1944. Ky. Agr. Col. Ext. Timely Notes on Soils and Crops 2: 36, processed. July 1945. 275.29 K415T
- Tests on corn.
- 11269 \*LAFITE, C. Résidus laissés par la fumure en l'absence d'une culture susceptible de l'utiliser. Acad. d'Agr. de France. Compt. Rend. 27: 1140-1142. Dec. 10/17, 1941. 14 P215Bc
- 11270 LUCAS, C. F. Health from the soil. Country Book Mag. 5(1): 50-56. Summer 1945. 6 C836
- 11271 MCCALLUM, N. S. K. Nature has the recipe for soil fertility. West Austral. Wheatgrower 14 (40): 6. Jan. 25, 1945. 23 W523
- Value of organic materials in soil fertility.
- 11272 MCNEELY, M. An interview with C. A. Brewer. Rice J. 48(6): 24-26. June 1945. 59.8 R36
- Growing leguminous plants improves soil fertility and increases rice production.
- 11273 \*MAUME, L. Recherches sur la fertilisation des prairies irriguées de Crau. Ann. Agron. [Paris] (n. s.) 11: 21-58. First semester 1941. 14 An75A
- Plot tests of the effects of chemical fertilizers on the quantity and quality of yields.
- 11274 \*MUDALIAR, B. S. Experiences in green manuring paddy. Indian Farming 5: 562-563. Dec. 1944. 22 In283
- 11275 NICOL, H. The cost of coffee. Statist 142: 426-428. May 19, 1945. 286.8 St2
- Surplus production wastes soil resources.
- 11276 \*OPITZ, K. Über die möglichkeit der steigerung der leinerträge durch stickstoffdüngung ohne qualitätsbeeinträchtigung. Pflanzenbau 20: 61-95. (Cont.) 1943. 18 P48
- 11277 QUESTEL, A. Un nouvel engrais vert. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 2: 44. Mar. 1945. 8 R327
- Kudzu.
- 11278 \*RICHARD, H. Recherches sur la fumure potassique en terres de limon. Ann. Agron. [Paris] (n. s.) 14: 178-199. Apr./June 1944. 14 An75A
- 11279 ROMERO MANRIQUE, A. Acción de los abonos. Agr. Trop. 1(1): 47-48, 50. Feb. 1945. 26 Ag8
- Effects on plants.



- 11280 RORTY, J., and NORMAN, P. Bush fever attack pushes geologist into soil study. *Coop. Consumer* 12(13): 2. July 16, 1945. 280.28 C7836  
Fertilizing citrus trees; relation between soil fertility and animal and human health.
- 11281 \*RUBBER RESEARCH SCHEME, CEYLON. Ground covers. *Rubber Res. Scheme, Ceylon. Advisory C.* 25, 9 p. Agalawatta, Ceylon, 1945. 78.9 R826  
To prevent soil erosion and maintain fertility of the soil.
- 11282 SABOGAL, J. R. La materia orgánica en los suelos de nuestra costa. *Agronomía [Lima]* 9(38): 5-13. Oct. 1944. 9.8 Ag83
- 11283 \*SARAZIN, J. Résidus laissés par la fumure en l'absence d'une culture susceptible de l'utiliser. *Acad. d'Agr. de France. Compt. Rend.* 27: 979-982. Oct. 29/Nov. 5, 1941. 14 P215Bc  
Discussion, p. 982-985.
- 11284 SCARSETH, G. D. Towards greater soil fertility. *Fert., Feed. Stuffs and Farm Supplies J.* 31: 355-356. June 20, 1945. 57.8 F413
- 11285 SELL, O. E. Results of using nitrogen on permanent pastures. *Farm for Victory, No. 18*, p. 6-7. June 1945. 281.8 F226
- 11286 SOUTHWICK, L. Midsummer in the orchard. *Pt. II. Rural New-Yorker* 104: 338. July 1945. 6 R28  
Orchard fertilizers, including magnesium and boron, and soil management.
- 11287 STEPHENSON, R. E. Nitrogen is the growth element. *Calif. Cult.* 92: 386. July 21, 1945. 6 C12
- 11288 TESKE, A. H. Nitrogen needs of apple trees in 1945. *Farm for Victory, No. 18*, p. 15-16. June 1945. 281.8 F226
- 11289 TOIMAN, B. Feeding beets a balanced diet. *U and I Cult.* 5(2): 20. June 1945. 66.8 U12  
Symptoms of phosphate and nitrogen deficiency, and suggestions on fertilizing to supply the needed elements.
- 11290 WALL, P. F. The role of crop rotations in soil renovation. *Farmer's Weekly [Bloemfontein]* 69: 656, 657. June 13, 1945. 24 F225
- 11291 WESTBROOK, E. C. Fertilizer practices today and tomorrow. *Farm for Victory, No. 18*, p. 10-11. June 1945. 281.8 F226
- 11292 \*WHELAN, L. A. Manuring experiment with mature rubber. *Rubber Res. Scheme, Ceylon. Q. C.* 21(1/4): 6-8. Dec. 1944. 78.9 C33q
- 11293 WHITE, J. W. Fertility rises in ungrazed grassland but pastures must be carefully managed. *Sci. Farmer [Pa. Sta.]*, June 1945, p. 4-6. 100 P381
- 11294 WILLIAMS, T. L. Soil fertility is key to future rural prosperity. *Farmer and Settler* 40(16): 26. May 18, 1945. 23 F226
- Soil Tilth and Tillage
- 11295 BENTON, R. J. The effects of tillage on the fertility of citrus orchard soils. *Agr. Gaz. N. S. Wales* 56: 151-154. Apr. 1, 1945. 23 N472
- 11296 \*BRÉTIGNIÈRE, L. Pour essayer de maintenir la production. *Rev. des Agr. de France* 76: 20-21. Feb. 1944. 14 R325  
Mainly on tillage.
- 11297 CONTRERAS C., M. Prepare bien la tierra con el arado y la rastra. *Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr.* 36(158): 11. Jan./Feb. 1945. 8 R323
- 11298 \*DONÀ DALLE ROSE, A. Agropatologia e lavorazione del terreno. *Ital. Agr.* 80: 177-181. Apr. 1943. 16 It1  
Plowing methods.
- 11299 \*DURANTE, D. Il limite economico di transizione fra le sistemazioni di piano e quelle di collina. *Ital. Agr.* 80: 427-432. Aug. 1943. 16 It1  
Different tillage methods for hill and flat lands.
- 11300 ELLIS, M. G. Portage stages a plowing match. *Family Herald and Weekly Star* 76(27): 4. July 4, 1945. 7 F21
- 11301 GARDNER, C. H. Clues to "mystery moisture." *Farmers Weekly [London]* 23(2): 25. July 13, 1945. 10 F2226  
Tillage methods and mulching as means of conservation of moisture in the soil.
- 11302 \*HENIN, S. Essai d'une théorie du labour. *Ann. Agron. [Paris] (n. s.)* 14: 69-76. Jan./Mar. 1944. 14 An75A  
Effects of tillage on the soil.
- 11303 \*LA TOUCHE, G. DE. La culture des terrains en pente en Suisse. *Rev. des Agr. de France* 73: 334. Nov. 1941. 14 R325  
System of plowing.
- 11304 LUBETH, E. Le travail du sol à Marie-Galante. *Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.)* 2: 4-10. Jan. 1945. 8 R327
- 11305 \*MARIANI, M. La sistemazione del terreno nel metodo colturale del Pelo Fardi. *Ital. Agr.* 78: 155-159. Mar. 1941. 16 It1
- 11306 \*SCH. Leistungssteigerung trotz arbeitsvereinfachung durch bodenedeckung. *Schweiz. Gart.*, No. 6, p. 176-177. June 1945. 80 Sch93
- 11307 SHEWELL-COOPER, W. E. Correct soil structure for market gardens. *Field* 185: 524. May 26, 1945. 10 F45  
Importance of correct tilth.
- Drainage, Irrigation, Water Supply, and Flood Control
- 11308 \*ALDROVANDI, A. Irrigazione e sistemazioni baulate. *Ital. Agr.* 80: 193-196. Apr. 1943. 16 It1
- 11309 ANGEL, A. D. Wanted: one responsible administration for the Greater Central Valley Project of California. *J. Land and Pub. Util. Econ.* 21: 136-143. May 1945. 282.8 J82  
Project for land reclamation, irrigation, flood control, and other purposes.
- 11310 \*ANTIPOV-KARATAEV, I. N. O pochvenno-meliorativnykh issledovaniyakh dlia tselei osvoeniia zasolennykh territorii v svyazi s obshchemeliorativnymi zadachami (na primere izuchenii Vakhshskoi sistemy) [Soil-improvement investigations for the reclamation of saline lands; the Vakhshsk system of irrigation]. *Pochvovedenie (Pedology)*, No. 1, p. 40-60. 1945. Ref. 57.8 P34  
English summary.
- 11311 \*BIDETTI, G. La grande feconda opera bonificatrice nell'Emilia. *Ital. Agr.* 79: 106-110. Feb. 1942. 16 It1
- 11312 \*BIALYÝ, A. M. Vodnyý rezhim poleý travopol'nogo sevooborota. *Inst. Zern. Khoz. IÚgo-Vostoka SSSR. Inform.-nauch. B.* 2, p. 3-8. Oct. 1943. 20 Sa7  
Soil-moisture conservation in the growing of forage crops in a system of crop rotation.
- 11313 \*BS., F. Vom richtigen begiessen. *Schweiz. Gart.*, No. 6, p. 179-180. June 1945. 80 Sch93
- 11314 CALLISON, C. H. Current boom in farm pond building is opportunity for wildlife restoration. *Boonville Advertiser* 106(30): 2, 82. July 27, 1945. 281.28 B64
- 11315 COREY, H. Green pastures for flood waters. *Nation's Business* 33(8): 68, 70, 73-74, 76. Aug. 1945. 286.8 N212  
Importance of forests and soil-conservation measures in controlling floods.
- 11316 \*DONÀ DALLE ROSE, A. Sulla definizione del "franco" e sulla sua valutazione agronomica. *Ital. Agr.* 80: 347-350. July 1943. 16 It1  
The term as applied to irrigated land.
- 11317 FORTIER, S. Irrigation practices in growing alfalfa. *Irrig. Farmer* 3(4): 3, 9. Aug. 2, 1945. 55.8 Ir78



- 11318 GARCIA QUINTERO, A. Avenida maxima del rio Nazas en Septiembre de 1944 y sus efectos en el diseno de la presa "El Palmito," Dgo. Irrig. en Méx. 26(1): 42-55. Jan./Mar. 1945. 55.8 Ir76
- 11319 GARCIA QUINTERO, A. Frecuencia de avenidas y embalses maximos en la presa El Palmito, Dgo. Irrig. en Méx. 26(1): 56-60. Jan./Mar. 1945. 55.8 Ir76
- 11320 H., J. M. The unending task of irrigation. Citrus Grower, No. 136, p. 6-7. May 30, 1945. 80 C495
- 11321 \*HALLGREN, G. On the physical and chemical effects of saline irrigation water on soils. Sweden. Lantbrukshögsk. Ann. 12: 23-50. 1944/45. Ref. 104 Up6
- 11322 HAMBLYN, C. J. Mole drainage. New Zeal. J. Agr. 70: 363, 365-373. Apr. 16, 1945. 23 N48J
- 11323 HARKER, D. H. Water supply for irrigation. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 5-19. 75.9 Oh3
- 11324 JOHN, W. W. Farm ponds are a boon to dairymen. Kraftsman, Prod. Ed. 3(3): 3-4. May/June 1945. 44.8 K85
- 11325 KRIMGOLD, D. B. What is there to know about farm ponds? Agr. Engin. 26: 283-284. July 1945. 58.8 Ag83
- 11326 LAUE, W. C. High water, explosives, achievement. Du Pont Mag. 39(1): 9-11. Mar./Apr. 1945. 309.8 D92  
Use of explosives to open drainage ditches.
- 11327 \*LE RY, J. L'assainissement des terres humides: Le drainage. Rev. des Agr. de France 73: 359-360. Dec. 1941. 14 R325
- 11328 LEWIS, M. R. Planning your farm irrigation system. Irrig. Farmer 3(3): 3, 9. July 5, 1945. 55.8 Ir78
- 11329 MCCULLOCH, R. Mole draining. Irish Agr. and Creamery Rev. 14(138, n. s.): 13-15. June 1945. 44.8 C866
- 11330 MAESTRI, R. Economía de la racionalización agrícola. Labor 4(88): 5. June 30, 1945. 8 L11  
Irrigation and farm mechanization.
- 11331 MORWICK, F. F. Farm ponds are a good insurance against a growing water shortage. Farmer's Advocate and Home Mag. 80: 527, 547. July 26, 1945. 7 F22
- 11332 OBERG, R. Irrigated farm experience. Mont. Farmer 32(22): 5. July 15, 1945. 6 M764
- 11333 OLMOS CASTRO, A. El problema del agua en Santiago del Estero. Veritas 15: 235-236. Apr. 1, 1945. 280.8 V58  
Need for the building of dams for flood control and water management.
- 11334 ORIVE ALHA, A. La politica de irrigación. Irrig. en Méx. 26(1): 7-41. Jan./Mar. 1945. 55.8 Ir76
- 11335 OTTER, F. L. Rain fell - in the San Joaquin Valley. Soil Conserv. 11: 12-15. July 1945. 1.6 So3S  
Flood of February 1945; soil conservation practices which might aid in preventing such floods.
- 11336 PARSHALL, R. L. Measuring water in irrigation channels. Irrig. Farmer 3(4): 2, 6. Aug. 2, 1945. 55.8 Ir78
- 11337 PEAT lands of the Waikato. By The Gleaner. New Zeal. Farmer 66(4): 4-6. Apr. 19, 1945. 23 N484  
Reclamation of peat swamp lands in New Zealand.
- 11338 PREGGER, W. Dutchmen start reclamation of Walcheren Island. West Austral. Wheatgrower 14(44): 2. Feb. 22, 1945. 23 W523  
Reclamation of land from sea water.
- 11339 RICKARD, J. A. Who owns the water? Farm and Ranch 64(8): 18, 19. Aug. 1945. 6 T31  
Role of the Rio Grande River in Texas agriculture, and problems caused by its joint ownership by the United States and Mexico.
- 11340 ROBINSON, C. A. Improved pastures through irrigation. Prog. Farmer, Tex. Ed. 60(8): 9. Aug. 1945. 6 T311
- 11341 ROUNDS, M. B. Irrigation of avocado orchards. Calif. Citrog. 30: 284. July 1945. 80 C125
- 11342 SAYRE, A. N., and LIVINGSTON, P. Ground-water resources of the El Paso area, Texas. U. S. Geol. Survey. Water-Supply Paper 919, 190 p. Washington, 1945. 407 G29W
- 11343 SECANE C., E. El riego de la caña. Agronomía [Lima] 9(38): 25-38. (Cont.) Oct. 1944. 9.8 Ag83  
Concluded in December, 1944, issue, p. 21-42.
- 11344 TRESTRAIL, W. R. Can the Murray River swamps be made productive? So. Austral. Dept. Agr. J. 48: 394. Apr. 1945. 23 So84
- 11345 \*TRUMMER, A. Die landwirtschaftliche Wasserverswirtschaft. Germany. Reichs Min. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 140-149. 1942. 18 G31A
- 11346 U. S. GEOLOGICAL SURVEY. Surface water supply of Hawaii, July 1, 1941, to June 30, 1942. U. S. Geol. Survey. Water-Supply Paper 965, 134 p. Washington, 1945. 407 G29W
- 11347 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1943. Pt. 6, Missouri River Basin. U. S. Geol. Survey. Water-Supply Paper 976, 470 p. Washington, 1945. 407 G29W
- 11348 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1943. Pt. 10, the Great Basin. U. S. Geol. Survey. Water-Supply Paper 980, 185 p. Washington, 1945. 407 G29W
- 11349 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1943. Pt. 14, Pacific slope basins in Oregon and lower Colombia River Basin. U. S. Geol. Survey. Water-Supply Paper 984, 235 p. Washington, 1945. 407 G29W
- 11350 VAN HOVENBERG, H. W., and MITCHELL, R. D. Irrigation and drainage for malaria control combined in El Salvador. Civ. Engin. 15: 326-327. July 1945. 290.8 C49
- 11351 VERNET BASUALDO, E. Los desagües en la provincia de Buenos Aires. Buenos Aires y La Pampa, No. 79, p. 43. Apr. 1945. 9 B868
- 11352 WINTER, E. T. Missouri waters at work. Nebr. Farmer 87(9): 4, 30. May 5, 1945. 6 N27  
Project for development of the Missouri River Basin, for flood control, irrigation, power development, etc.
- 11353 WITT, L. Sugestiones sobre un sistema para amortizar el costo y para administrar y conservar una obra de irrigación. Agr. Trop. 1(1): 41-44. Feb. 1945. 26 Ag8
- Erosion and Erosion Control
- 11354 ALARCON CH., P. J. Como deben dividirse los suelos por razon de su pendiente. Agr. Trop. 1(2): 39-45. (Cont.) Mar. 1945. 26 Ag8  
Continued in May issue, p. 39-42.  
Slope as a factor in determining use of land to prevent soil erosion; terracing.
- 11355 BAENA V., M. La erosión de los suelos, sus causas y medios para contrarrestarla. Rev. Cafetera Colombia 8: 3062-3068, 3069. Mar. 1945. 68.28 R32
- 11356 BEAUMONT, A. B. The Districts Enabling Act. Mass. State Col. Ext. Soil Auger, July 16, 1945, p. 2, processed. 275.29 M381S  
Summary of Massachusetts law providing for establishment of soil conservation districts. Further summary and discussion, p. 4-6.



- 11357 BEAUMONT, A. B. Rain, rain, rain! Erosion, erosion, erosion! Mass. State Col. Ext. Soil Auger, July 16, 1945, p. 3, processed. 275.29 M381So  
Precipitation and its effect on erosion in Massachusetts.
- 11358 BENNETT, H. H. Soil conservation in Latin America. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 165-169. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 11359 BILL, F. W. They make acres 12% bigger; contours mean larger crops, more cash - even on level land. Farm J. 69(8): 17-18. Aug. 1945. 6 F2212
- 11360 COBB, E. S. South Carolina's McArthur. Soil Conserv. 11: 7-8. July 1945. 1.6 So38  
Sketch of E. C. McArthur, soil conservation leader.
- 11361 DANIEL, H. A. We are stewards of the soil. Farmer-Stockman 58: 260, 286. Aug. 1945. 6 Ok45  
Soil conservation.
- 11362 DEITEMEYER, C. Awards in soil conservation program. Irrig. Farmer 3(4): 7. Aug. 2, 1945. 55.8 Ir78
- 11363 EBERLE, H. F. Soil erosion and sand drift in South Australia. Country Life [Sydney], 56(42): 3, 4. May 4, 1945. 286.85 Sy2
- 11364 EBERLY, N. Extension's erosion control program. Pa. Farmer 133: 29, 47. July 28, 1945. 6 P383
- 11365 EMERSON, A. W. Soil conservation districts. Your Farm 3(9): 81-88. July 1945. 6 Y8
- 11366 GERTENBACH, J. J. Construction of broad-based terraces on sloping arable lands. Farming in So. Africa 20: 315-317. May 1945. 24 So842
- 11367 \*GUSSAK, V. B. Izuchenie protsessov smывa i erozii v lotke [Soil erosion and denudation investigations by means of stream-flow models]. Pochvovedenie (Pedology), No. 1. p. 29-39. 1945. 57.8 P34  
English summary.
- 11368 HEATH, A. Farmers can act now to check erosion; some practical measures. Land [Sydney], No. 1744, p. 14. May 4, 1945. 23 L22
- 11369 HEIMPEL, L. G. Ravines and gullies can be eliminated. Macdonald Col. J. 5(10): 4-5. June 1945. 101 M144
- 11370 HERRIOT, R. I. The Soil Conservation Act - and what it means. So. Austral. Dept. Agr. J. 48: 371-373. Apr. 1945. 23 So84
- 11371 HERTSLET, J. Famine and flood. Home and Country 4(49): 11. June 1945. 281.28 H754  
Soil erosion in South Africa.
- 11372 HUMPHREY, R. R. It's an ill wind. Soil Conserv. 11: 9-10, 20. July 1945. 1.6 So38  
Soil conservation practices on the farm of George Davis, in Washington State.
- 11373 HUTCHINSON, D. E. 'Round the hills. Nebr. Farmer 87(11): 5. June 2, 1945. 6 N27  
Contour farming.
- 11374 HYPES, J. L. The social implications of soil erosion: a case study. Amer. Sociol. Rev. 10: 373-382. June 1945. 280.8 Am37
- 11375 \*IAKUBOV, T. F. Vetrovaya eroziya pochv v Bashkirii i mery bor'by s neiu (Wind erosion of soils in Bashkiria and means for its control). Pochvovedenie (Pedology), No. 1, p. 17-28. 1945. 57.8 P34  
English summary.
- 11376 KING, N. Walking water. Hawaii Farm and Home 8(7): 18-19. July 1945. 25 H3191  
Management of running water on slopes to prevent erosion.
- 11377 \*KIRWALD, E. Bekämpfung des bodenabtrags und regelung des wasserhaushalts in gebirgen. Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., No. 1, p. 37-43. Mar. 1944. 99.8 F775
- 11378 KROHN, L. E. A. Wind erosion in the agricultural areas of the River Murray Basin. So. Austral. Dept. Agr. J. 48: 393-394. Apr. 1945. 23 So84
- 11379 LOWDERMILK, W. C. Unlearned lessons, 5000 years old. Forest & Outdoors, July 1945, p. 178. 99.8 G16  
Deforestation and soil erosion in the Lebanon area.
- 11380 MUSSER, R. H. Everybody's business - soil conservation. Philfarmer, Third quarter 1945, p. 1, 3. 6 P53
- 11381 POE, E. Lashing down the dunes. Soil Conserv. 11: 3-6. July 1945. 1.6 So38
- 11382 QUEVEDO, C. V. Practicas apropiadas para la conservación del suelo y del agua. Suelo Argentino 4: 321-324. May 1945. 9 Su2
- 11383 RAMIREZ MORENO, G. La erosión, el enemigo numero 1 de Colombia. Agr. Trop. 1(1): 44-46. Feb. 1945. Ref. 26 Ag8
- 11384 RAMSER, C. E. Developments in terrace spacing. Agr. Engin. 26: 285-289. July 1945. 58.8 Ag83
- 11385 REEVES, E. A. Joe Budd of Big Piney [Wyo.] outstanding conservation rancher. Wyo. Stockman-Farmer 51(7): 1, 2. July 1945. 6 W992
- 11386 RICE, G. E. Soil conservation pays off on Hal Lynch farm in Putnam County, Georgia. Southeast. Cattleman 5(2): 6, 14. Aug. 1945. 43.8 F66A
- 11387 STANLEY, J. Soil erosion in New Zealand. New Zeal. Farmer 66(7): 10-11. May 31, 1945. 23 N484
- 11388 UPHOF, J. C. Factores que contribuyen a la erosión de los suelos. Campo [Buenos Aires], 29(343): 39, 41. May 1945. 9 G15
- 11389 WATT, R. D. Lost soil; appeal for early action. Primary Prod. [Sydney], 22(18): 1. May 4, 1945. 23 P93  
Wind erosion in New South Wales.
- 11390 WEBB, G. Every field was cut up by gullies - McLain put the pieces together again. Prog. Farmer, Ky.-Tenn. Ed. 60(8): 9. Aug. 1945. 6 P945X  
Soil conservation practices of Ernest McLain, a farmer in Hardeman County, Tenn.
- 11391 WEBSTER, C. B. Dust storms to be renewed; SCS [Soil Conservation Service] warns of high hazard during next two years. South. Seedsman 8(7): 58. July 1945. 61.8 So8

## Sanitation

- 11392 HARRIS, M. R., and CARTER, W. B. Methyl bromide as a soil nematocide. Calif. Dept. Agr. B. 34: 84-88. Apr./June 1945. 2 C12M

## MATERIALS FOR SOIL IMPROVEMENT

- 11393 ALEXANDER, W. Transport bottleneck - bulk depot plan to speed up fertiliser deliveries. New Zeal. Farmer 66(4): 8-9. Apr. 1945. 23 N484
- 11394 DAVIDSON, H. R. Balanced approach to manuring. Farmer & Stock-Breeder 59: 1049. July 3, 1945. 10 F228  
Need for both chemical and organic fertilizers.
- 11395 DUFFY, D. J. The humus versus fertilizer controversy. Estate Mag. 45: 149-152. June 1945. 10 Es8
- 11396 ENRÍQUEZ FRODDEN, R. Los fertilizantes de la agricultura de post guerra. Ecuador. Primera Zona. Cám. de Agr. Rev. 7: 230-233. Apr. 1945. 9.5 Ec96
- 11397 \*FOKEEV, P. M. Priemy mestnogo vneseniya malykh doz udobrenii pod kartofel' [Methods of localized small-dosage application of fertilizer under potatoes]. Inst. Zern. Khoz. Iugo-Vostoka SSSR. Inform.-nauch. B. 3, p. 3-5. Nov. 1943. 20 Sa7



11398 \*FRON. De l'apport d'engrais sous terrain aux arbres fruitiers. Acad. d'Agr. de France. Compt. Rend. 29: 162-165. Mar. 17, 24, 1943. 14 P215Bc  
Includes note by M. Glaenger and observation by M. Henry Girard.

11399 HOWARD, SIR A. Natural v. artificial nitrates. Organic Gard. 7(3): 7. Aug. 1945. 56.8 Or3

11400 \*JOUIS, E. La fumure des arbres fruitiers au pal injecteur. Ann. Agron. [Paris] (n. s.) 12: 421-440. July/Sept. 1942. 14 An75A

11401 MARIA GUTIERREZ, J. Fertilizantes. Mex. Sec. de Relac. Exteriores. Rev. del Com. Exterior 10(2): 22. Feb. 1945. 286.8 M575

11402 SAYRE, C. B. Mid-season application of fertilizers. Farm Res. [N. Y. State Sta.] 11(3): 2, 3. July 1945. 100 N48A

11403 WALSH, T. The placement method of fertilizer distribution. Agr. Ireland 3: 80-82. July 1945. 10.5 Ag8

11404 WOODS, J. A. Which way for the American people? Farm for Victory, No. 18, p. 2. June 1945. 281.8 F226

Opposes legislation providing for Government manufacture of fertilizer.

#### Primary Materials

11405 \*ANTONIANI, C. Il potassio nei terreni dell'Umbria. Ital. Agr. 79: 363-366. July 1942. 16 It1

Potassium in the soils of the area; influence of potassium on plant growth; experiments with potassium fertilizers.

11406 CARLOS MUELLO, A. Empleo de huesos como abono de los frutales. Pampa Argentina 19(213): 52. May 1945. 9 P19

11407 DAVIDSON, L. G. Effect of different sources and rates of application of nitrogen on yields of sugar and sugarcane in Louisiana. Sugar B. 23: 180-182. July 15, 1945. 65.9 Am32

11408 \*DEMOLON, A. Observations sur l'économie de l'azote en agriculture. Acad. d'Agr. de France. Compt. Rend. 28: 371-375. Apr. 15/22, 1942. 14 P215Bc

Conservation of soil nitrogen through growing of cover crops, legumes, and encouragement of microbiological fixation.

11409 \*DHAR, N. R., SESHACHARYULU, E. V., and MUKERJI, S. K. Influence de la lumière sur la fixation de l'azote. Ann. Agron. [Paris] (n. s.) 11: 83-86. First semester 1941. 14 An75A

11410 \*DHAR, N. R., and MUKERJI, S. K. Influence du soleil sur la nitrification et la dénitrification. Ann. Agron. [Paris] (n. s.) 11: 87-91. First semester 1941. 14 An75A

11411 ELLIOTT, I. L., and ELLIOTT, A. G. Clarendon phosphate. New Zeal. J. Agr. 70: 451-457. May 15, 1945. 23 N48J

Phosphate rock and tests of its value as fertilizer.

#### Secondary and Minor Element Materials

11412 MOWRY, H. The minor elements play no minor role in Florida. Farm for Victory, No. 18, p. 5-6. June 1945. 281.8 F226

11413 RUSSELL, SIR E. J. The effectiveness of sodium in British farming. Farm for Victory, No. 18, p. 4-5. June 1945. 281.8 F226

Effects on plants and soils.

#### Mixed Fertilizers and Fertilizer Technology

11414 ALLEN, H. R. Some checks on methods and solutions used in the analysis of fertilizers. Assoc. Off. Agr. Chem. J. 28: 345-351. May 1945. 381 As7

11415 AMMONIUM nitrate fertilizer production; fixation of atmospheric nitrogen through use of natural gas. Canad. Chem. and Process Indus. 29: 392-394, 405. June 1945. 381 Q16

Plant of Alberta Nitrogen Products, Ltd., in Canada.

11416 BAYLOR, H. B. Report of the president of the National Fertilizer Association, annual meeting, May, 1945. Fert. Rev. 20(2): 6-7, 13, 14. Apr./June 1945. 57.8 F414

Developments in the fertilizer industry, with some statistics on production.

11417 \*BURGEVIN, H. Observations sur l'influence de la granulation sur l'efficacité des nouveaux engrais complexes granulés. Ann. Agron. [Paris] (n. s.) 13: 8-11. Jan./Mar. 1943. 14 An75A

11418 \*DOFARENKO, A. G. O pererabotke kostianoi muki v usvoiaemoe udobrenie otbrosami mestnoi promyshlennosti [Concerning the processing of bone flour with the waste products of the local industry into an effective fertilizer]. Inst. Zern. Khoz. Iugo-Vostoka SSSR. Inform.-nauch. B. 3, p. 10-15. Nov. 1943. 20 Sa7

11419 PHOSPHATE rock industry of the United States in 1944. Amer. Fert. 102(13): 7-10, 28, 30. June 30, 1945. 57.8 Am3

11420 POLLARD, A. G. Granulation of artificial fertilizers. (Abs.) Trop. Agr. [Trinidad] 22: 118. July 1945. 26 T754

11421 \*ROUX, E. Le revitaillement de l'agriculture en engrais azotés. Acad. d'Agr. de France. Compt. Rend. 29: 55-59. Jan. 20, 27, 1943. 14 P215Bc

Nitrogen fertilizer industry in France.

11422 \*SELLIER, E. La fabrication des engrais azotés. Assoc. des Chim. B. 61: 225-245. May/June 1944. 383 As7

Statistics of production and consumption; price trends; processes of manufacture.

#### Fertilizer Statistics

11423 CLARK, K. G., and SHERMAN, M. S. World production and consumption of plant food in prewar years. Fert. Rev. 20(2): 8-12. Apr./June 1945. 57.8 F414

11424 CONARD, K. Fell fertilizer. Ohio Farm Bur. News 25(1): 18. Aug. 1945. 6 Oh34

11425 \*DEMOLON, A. Enquête sur les répercussions de la réduction des fumures phosphatées. Ann. Agron. [Paris] (n. s.) 13: 3-6. Jan./Mar. 1943. 14 An75A

Supply of phosphates in France.

11426 \*GAZAUBON, E. Pour remédier à la pénurie d'engrais. Assoc. des Chim. B. 60: 118-120. Mar./Apr. 1943. 383 As7

Scarcity of fertilizers in France; use of manures; improvement of lime-poor grounds.

11427 \*JORET, G. La réduction des fumures et ses conséquences. Faits d'observation. Ann. Agron. [Paris] (n. s.) 13: 1-2. Jan./Mar. 1943. 14 An75A

Fertilizer supply and outlook in France.

11428 KARRAKER, P. E. Prospects for fertilizer consumption in Kentucky. Farm for Victory, No. 18, p. 9. June 1945. 281.8 F226

11429 OLMSTED, F. S. The rest of the season's fertilizer picture. East. States Coop. 21(7): 6-7. July 1945. 280.28 Ea7

11430 SIEMS, H. B. The plant food outlook. Men's Gard. Clubs Amer. Ybk. 1945: 40-41. 90.32 M52

Prospective fertilizer supplies; importance of minor elements in plant nutrition.

11431 WALL, G. M. Fertilizer outlook is more promising. Family Herald and Weekly Star 76(26): 6. June 27, 1945. 7 F21

11432 WASSON, R. A. Plenty of room in Louisiana for more fertilizer. Farm for Victory, No. 18, p. 7-8. June 1945. 281.8 F226



Mineral Soil Amendments

- 11433 CHENEY, H. Fine limestone most effective. *Successful Farming* 43(8): 21, 67. Aug. 1945. 6 Sul2
- 11434 \*LENGLER. L'utilisation des calcaires broyés en agriculture. *Acad. d'Agr. de France. Compt. Rend.* 30: 167-171. Mar. 29, 1944. 14 P215Bc
- 11435 LESPÉRANCE, R. Pour une production annuelle de 350,000 tonnes de chaux agricole dans Québec. *Terre de Chez Nous* 17(40, i. e. 41): 8, 9, 14. July 18, 1945. 7 T27
- 11436 SHAW, W. M. Titration determination of the neutralization value of calcium silicate slags. *Assoc. Off. Agr. Chem. J.* 28: 310-335. May 1945. 381 As7

Manures and Composts

- 11437 \*A., C. N. Composting town-wastes. *Indian Farming* 5: 571. Dec. 1944. 22 In283
- 11438 B., W. Richer soils the compost way. *Farmer's Weekly [Bloemfontein]* 69: 606-607. June 6, 1945. 24 F225
- Preparation and materials for compost.
- 11439 \*BARBIER, G., and BOISCHOT, P. La tourbe a-t-elle une valeur fertilisante? *Acad. d'Agr. de France. Compt. Rend.* 29: 501-503. Nov. 24, Dec. 1, 1943. 14 P215Bc
- 11440 BLAKE, G. A. Liquid manure; stock droppings are worth 118 of fertiliser for every 50 cows milked. *New Zeal. J. Agr.* 70: 507-515, 517-518. May 15, 1945. 23 N48J
- 11441 BUNTING, A. H. Sewage sludge and the market gardener. *Gt. Brit. Min. Agr. Agriculture* 52: 123-126. June 1945. 10 G79J
- 11442 \*BURGEVIN, H. Les composts. *Rev. des Agr. de France* 72: 177. June/Oct. 1940. 14 R325
- Preparation.
- 11443 \*BURGEVIN, H. Le fumier artificiel. *Rev. des Agr. de France* 72: 228-229. Dec. 1940. 14 R325
- Preparation of composts.
- 11444 EIRE. DEPT. OF AGRICULTURE. Compost. *Eire. Dept. Agr. Leaflet* 114, 4 p. Dublin, 1945. 10.5 Ir42
- Preparation of compost.
- 11445 HAMENCE, J. H. The occurrence of auxins in organic manures. *Soc. Chem. Indus. J.* 64: 147-148. May 1945. 382 M31
- 11446 HUNTINGTON, G. T. Leafmold--you can't beat it. *Home Gard.* 6(1): 37-38. July 1945. 80 H756
- 11447 MARAIS, A. Beheer van bemistingstowwe. *Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser.* 125, 2 p. Pretoria, 1945. 24 So82Ps
- 11448 \*MAUPAS, A. Le fumier: son rôle, sa fabrication à chaud, comment accroître sa production. *Rev. des Agr. de France* 76(1): 5-6. Jan. 1944. 14 R325
- 11449 OSSE, L. Estrumeiras. Pt. III - Classificação e caracteres principais. *Rev. dos Criadores* 16(5): 23-24. May 1945. 43.8 R32
- 11450 THORNE, D. W. The farm boy searched for diamonds. *Through the Leaves* 33(3): 22-23. May/June 1945. 66.8 T41
- Value of manure as fertilizer; how to store and keep it.
- 11451 WEAVER, L. E. Poultry manure for pasture improvement. *Amer. Agr.* 142: 282. July 7, 1945. 6 Am3
- 11452 WILCOX, J. C. How sawdust and straw affect soil. *Country Life [Vernon]* 29(7): 160, 16D. July 1945. 7 G832
- 11453 \*Z. Güllen und giessen. *Schweiz. Gart.*, No. 1, p. 24-25. Jan. 1945. 80 Sch93

FORESTRYFOREST ECONOMICS AND POLICY

- 11454 ARTMAN, J. O. Wayne County shows the way. How the people, industry and government are working together down in Tennessee to restore and stabilize a badly depleted forest reserve. *Amer. Forests* 51: 328-331, 368. July 1945. 99.8 F762
- 11455 \*AZY, B. D'. Organisation des exploitations. *Acad. d'Agr. de France. Compt. Rend.* 26: 657-662. Sept. 18, 1940. 14 P215Bc
- On plans for ensuring a supply of wood for charcoal in France.
- 11456 BEVAN, A. Forestry in Latin America and its future. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 174-176. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 11457 BLACK, J. D. The role of Federal, State, and local governments in promoting forestry. *Amer. Phil. Soc. Proc.* 89: 434-443. July 18, 1945. 500 P533
- 11458 COMPTON, W. Forest conservation: a task in engineering and in public and private cooperation. *Amer. Phil. Soc. Proc.* 89: 423-427. July 18, 1945. 500 P533
- 11459 IRIBARREN, S. Desarrollo forestal sobre bases economicas. *Conv. Nac. de Cien. Econ. y de Admin.*, 1, Montevideo, 1944. Mem., p. 263-266. 280.9 C7623
- 11460 \*JAGERSCHMIDT. Nos bois peuvent-ils sauver la France de la paralysie qui la menace? *Acad. d'Agr. de France. Compt. Rend.* 26: 645-657. Sept. 18, 1940. 14 P215Bc
- Deals with means of making available wood for fuel.
- 11461 KAYLOR, J. F. Public control of cutting practices on private timberlands. *Amer. Phil. Soc. Proc.* 89: 428-433. July 18, 1945. 500 P533
- 11462 KOTOK, E. I. America's role in meeting world timber needs. *Amer. Phil. Soc. Proc.* 89: 418-422. July 18, 1945. 500 P533
- 11463 LOWDERMILK, W. C. World-wide needs of woods as a land conservation crop. *Amer. Phil. Soc. Proc.* 89: 408-417. July 18, 1945. 500 P533
- 11464 NORIEGA CALMET, E. La reforestación como problema nacional. *Vida Agr.* 22: 223-227, 229-230. Mar. 1945. 9.8 V66
- 11465 \*RAVE, D. Zur versteuerungsfrage der ueberhiebe. *Deut. Forstwirt* 26: 180-181. June 9, 1944. 99.8 D483
- On the assessment of cut-over land.
- 11466 \*REICH, U. Die belasteten Alpwaldungen im Obertoggenburg. *Schweiz. Z. f. Forstw.* 96: 73-83. Apr. 1945. 99.8 Sch9
- History and description of community forests in Switzerland.
- 11467 SCHAEFER, P. Adirondack forests in peril. *Natl. Parks Mag.*, No. 82, p. 19-23. July/Sept. 1945. 98.69 N21
- Opposes proposal to permit lumbering in Adirondack Forest Preserve.
- 11468 \*SORNAY, J. L'organisation de la forêt privée et son entrée dans la Corporation Nationale Paysanne. *Soc. Forest. de Franche Comté et Provs. de l'Est B. Trimest.* 24: 193-195. Mar. 1944. 99.9 Sol4
- 11469 STEEL, SIR S. S. Scotland's forestry problems. Private landowners' part in future development. *Scot. Farmer* 53: 743. June 30, 1945. 10 Sco8

Legislation

- 11470 COULON, J. P. British and French forest policy. *Q. J. Forestry* 39: 11-17. Jan. 1945. 99.8 Q2

Deals chiefly with forest legislation by the Vichy Government, 1940-1943.



## FOREST DESCRIPTION AND RESOURCES

- 11471 \*A., C. L'avvaloramento delle risorse forestali dell'Africa Orientale Italiana. Rass. Econ. dell'Africa Ital. 28: 998-1000. Dec. 1940. 261 C71
- 11472 ANGEL TOBAL, M. Hay que conocer la riqueza forestal de nuestro país. Valores del ceibo, el guayacán, la espina de corona, el yngá, los algarrobos negro y blanco, etc. - Sudproductos forestales. - Un problema de post-guerra. Pampa Argentina 19(212): 1, 3, 47. Apr. 1945. 9 P19
- 11473 \*BANTI, G. Una cipresseta sugli ultimi contrafforti del Matese [Italy]. Riv. Forest. Ital. 2(7): 44-47. July 1940. 99.8 R522
- 11474 DEAN, G. W., and MCARDLE, R. E. Ways to conserve and utilize our forests. Commonwealth 12(5): 13-16, 25. May 1945. 280.8 C732  
Forests and forest industries in Virginia.
- 11475 EMMERLING, A. M. The fast growing forests of Arkansas. Amer. Forests 51: 338-343. July 1945. 99.8 F762
- 11476 \*FEDERICO, S. Studi sulla produzione dei boschi del Comasco; i cedui di faggio di Esino Lario. Riv. Forest. Ital. 3(1/2): 12-28. Jan./Feb. 1941. 99.8 R522
- 11477 \*FERRANTE, M. I boschi banditi di larice in provincia di Cuneo. Riv. Forest. Ital. 3(1/2): 29-33. Jan./Feb. 1941. 99.8 R522
- 11478 FIGUEROA, M. A. La exuberancia y belleza del bosque Guinopeño. Honduras Agr. 1(8): 9. June 1, 1945. 8 H753
- 11479 \*FÜLDVÁRY, L. Die forstwirtschaft. Germany. Reichs Min. f. Ernähr. u. Landw. Ber. u. Landw. (N. F.) Sonderheft 156, p. 129-135. 1942. 18 G31A  
Forestry in Hungary.
- 11480 \*GAUSSEN, H. Les forêts du pays basque français. Soc. Bot. de France. B. 88: 16-28. 1941. 451 F84B
- 11481 GREELEY, W. B. Getting the facts about [West] Coast timber. Miss. Val. Lumberman 76(29): 29. July 20, 1945. 99.81 M69
- 11482 GREGORY, J. M. Tropical trees may bring new wealth to Florida. South. Lumber J. 49(7): 28, 70. July 1945. 99.81 S68  
Efforts of Florida Forestry and Park Service to introduce new tropical and subtropical trees.
- 11483 HAIG, I. T. Forests and forest industries in Chile. Caribbean Forester 6: 191-207, processed. July 1945. 1.9622 T2C23  
Spanish translation, p. 198-205; French résumé, p. 205-207.
- 11484 HORN, E. F. Forest resources and forest types of the Province of El Oro, Ecuador. Caribbean Forester 6: 209-218, processed. July 1945. 1.9622 T2C23  
Spanish translation, p. 213-217; French résumé, p. 217-218.
- 11485 JAMES, N. D. G. Trees and forestry in Italy. Q. J. Forestry 39: 25-26. Jan. 1945. 99.8 Q2
- 11486 KAUFFMAN, E. Europe's forests after V-E day; as yet, little is known of their condition - but here is a summary of first reports. Amer. Forests 51: 324-325. July 1945. 99.8 F762
- 11487 MEN OF Potlatch forests. Timberman 46(9): 35-37, 68, 70, 72. July 1945. 99.81 T484
- 11488 \*MERENDI, A. L'impiego delle specie forestali esotiche in Italia. Ital. Agr. 78: 806-815; 79: 127-139. Dec. 1941, Mar. 1942. 16 Itl
- 11489 \*PHILIPPIS, A. DE. Jugoslavia forestale. Riv. Forest. Ital. 3(1/2): 35-46. Jan./Feb. 1941. 99.8 R522
- 11490 \*PHILIPPIS, A. DE. Ungheria forestale. Riv. Forest. Ital. 2(7): 6-12. July 1940. 99.8 R522
- 11491 \*ROBIN, F. La vérité sur la richesse forestière de la France. Acad. d'Agr. de France. Compt. Rend. 27: 1143-1148. Dec. 10/17, 1941. 14 P215Bc
- 11492 \*SGAMURRA, C. Galla e Sidama. La foresta di Babbia [Ethiopia]. Riv. Forest. Ital. 2(7): 32-43. July 1940. 99.8 R522
- 11493 SOSA, A. H. Síntesis forestal del estado de Tlaxcala. Méx. Forest. 23: 25-27. (Cont.) Mar./May 1945. 99.9 M57
- 11494 SOUZA, F. F. The Brazilian forests. In Verdoorn, F., ed. Plants and plant science in Latin America., p. 111-119. Waltham, Mass., Chronica Botanica Co., 1945. 453 V56
- 11495 STOCKLEY, G. H. Forests in the war zone. Q. J. Forestry 39: 26-27. Jan. 1945. 99.8 Q2
- 11496 THOMPSON, R. A. H. What's happening to the timber. Harper's Mag. 191: 125-133. Aug. 1945. 110 H
- 11497 TOBAL, M. A. Hay que conocer la riqueza forestal de nuestro país. Bolsa de Com., Rosario. Rev. 33(200): 5-8. May 15, 1945. 287 R71
- 11498 TORTORELLI, L. A. Los bosques argentinos y sus industrias derivadas. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 135-140. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 11499 \*VIRGILII, F. La statistica forestale Africana. Rass. Econ. dell'Africa Ital. 31: 227-231. Apr. 1943. 261 C71
- 11500 WOODS, J. B. Appraisal and reappraisal. J. Forestry 43: 408-411. June 1945. 99.8 F768  
The Forest Resource Appraisal of the American Forestry Association.
- 11501 WYLIE, N. Forests in Montenegro. Q. J. Forestry 39: 27-29. Jan. 1945. 99.8 Q2
- 11502 YARHAM, E. R. North American species thriving in New Zealand. Brit. Columbia Lumberman 29(7): 69-70. July 1945. 99.81 B77
- Individual Genera and Species
- 11503 \*ALLEGRI, E. Coltivazione e sfruttamento della Robinia [pseudoacacia]. Ital. Agr. 78: 183-186. Mar. 1941. 16 Itl
- 11504 DEVOTO, F. E. La teca, un valioso árbol cuyo cultivo se ha iniciado en el País. Bolsa de Com., Rosario. Rev. 33(801): 5-6. May 31, 1945. 287 R71
- 11505 FORS, A. J. Encina (Quercus virginiana, Mill.). La encina puede ser una de las principales bases de la riqueza de Pinar del Río. Cuba. Min. de Agr. Rev. 27(28): 9-13. Nov./Dec. 1944. 8 Ag88Re
- 11506 \*GIORDANO, G. Contributo sperimentale allo studio delle qualità tecnologiche e meccaniche dei legnami etiopici. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 22: 122-216. Sept./Dec. 1942. 16 N92  
Gives various physical properties of 32 species.
- 11507 GREENAN, G. Cork; California trees produce a million acorns. Wine Rev. 13(7): 14-15. July 1945. 390.9 W722
- 11508 \*PERRIN, L. Le pin maritime à travers le monde. Acad. d'Agr. de France. Compt. Rend. 29: 254-257. May 12/19, 1943. 14 P215Bc
- 11509 SCHIFFINO, J. Riqueza forestal dominicana. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 36: 30-32. Jan./Feb. 1945. 8 R323  
Description and uses of two species of Guajacum.
- 11510 SMITH, J. R. The Chinese chestnut as a timber tree. Forest Leaves 35(2): 13-14. May/June 1945. 99.8 F763
- 11511 \*ZANOTTI, M. La "Broussonetia papyrifera" L'Héritier, pianta forestale da cellulosa. Ital. Agr. 79: 267-271. May 1942. 16 Itl



## FOREST ADMINISTRATION AND MANAGEMENT

- 11512 ACKERS, C. P. The optimist. Q. J. Forestry 39: 17-21. Jan. 1945. 99.8 Q2  
Suggestions to reduce the cost of forest renovation and reforestation by private owners.

11513 \*ASSMANN. Gedanken zur wissenschaftlichen begründung der durchforstungstechnik. Allg. Forst- u. Jagd-Ztg. 120: 69-76. July/Sept. 1944. 99.8 A13

11514 CURRY, J. Some principles of forest management. VIII. Summary. Forest Farmer 4(9): 5. June 1945. 99.8 F7692

11515 GILARDI RODRIGUEZ, L. Explotación forestal. Agronomía, Lima, 9(39): 75-88. (To be cont.) Dec. 1944. 9.8 Ag83

11516 \*KNUCHEL, H. Zur hiebsatzbestimmung in nicht normalen revieren. Schweiz. Z. f. Forstw. 96: 62-67. Mar. 1945. 99.8 Sch9

11517 ORTEGA CATÁNEO, H. La necesidad de que México cuente con estaciones experimentales forestales. Méx. Forest. 23: 35-40. (Concl.) Mar./May 1945. 99.9 M57

11518 \*PATRONE, G. Bonifica e autarchia del legno. Ital. Agr. 78: 686-690. Oct. 1941. 16 It1

11519 \*ROTH, C. Anpassung der hiebsätze an waldbauliche notwendigkeiten. Schweiz. Z. f. Forstw. 96: 58-62. Mar. 3, 1945. 99.8 Sch9

11520 \*RUBNER, K. Nochmals "typendurchforstung im fichtenreinbestand." Deut. Forstwirt 26: 213-214. July 7, 1944: 99.8 D483

Types of thinning for pure spruce stands.

11521 \*SALDARELLI, R. L'opera della Milizia Forestale nel quadro della bonifica integrale. Riv. Forest. Ital. 2(7): 28-31. July 1940. 99.8 R522

Farm Woodlands

11522 BURTON, S. S. Shelterbelts for land on irrigated farms. More than ornamental, trees are beneficial to crops, afford comfort to peoples. Irrig. Farmer 3(4): 1, 8. Aug. 1945. 55.8 Ir78

11523 GUIMONT, A. Les eaux sauvages. Forêt Québécoise 10: 19. July/Aug. 1945. 99.8 F79  
Value of farm woodlands in preventing erosion.

11524 HOWELL, H. A. Farm forestry in Arkansas. Forest Farmer 4(10): 6. July 1945. 99.8 F7692

11525 MILLS, T. Tree shelterbelts at a Soviet experiment station. Foreign Agr. 9: 108-112. July 1945. 1.9 Ec7For

11526 NIELAND, L. T. Send farm timber to war now. Farmer can turn slack season to patriotic profit. Fla. Grower 53(7): 9. July 1945. 80 F6622

11527 SAYERS, W. B. Makes small woodlots pay. W. Va. Conserv. 9(5): 12-13. Aug. 1945. 279.8 W524  
Activities of Doddridge County Timber Marketing Association.

11528 SLABAUGH, P. E. Walnut goes to war. Nebr. Farmer 87(7): 1, 18. Apr. 7, 1945. 6 N27

Value of black walnuts on Nebraska farms.

11529 STOECKLER, J. H. Narrow shelterbelts for the southern Great Plains. Soil Conserv. 11(1): 16-20. July 1945. 1.6 So3S

11530 STOTT, C. A fourteenth son practices forestry. J. W. Frost, a "natural-born forester," exhibits sixty-two trees over two feet through on his 40-acre Ohio woodlot. Amer. Forests 51: 348. July 1945. 99.8 F762

11531 WILLIAMSON, F. To cotton farming and livestock farming let's add forest farming. Prog. Farmer, Miss.-Ark.-La. Ed. 60(8): 9. Aug. 1945. 6 So81

## FOREST PROTECTION AND DAMAGE

Articles on diseases of trees are listed under Pathology in the Plant Science section; articles on forest insects in the Entomology section.

11532 \*BECKER, G. Holzschutzaufgaben gegen meerwasser-schädlinge. Z. f. Hyg. Zool. u. Schädlingsbekämpf. 36: 51-67. Apr./May 1944. 449.8 Z36  
Protection of wood from mussels and crustacea.

11533 \*MÜHLSTEPH, W. Aufgaben der abgasschädenforschung mit besonderer rücksicht auf den wald. (Abs.) Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., No. 1, p. 51-54. Mar. 1944. 99.8 F775

Fire

11534 ARTMAN, J. O., and DEAN, G. W. Forest fire control in Virginia. J. Forestry 43: 393-397. June 1945. 99.8 F768

Organization, costs, and statistics.

11535 AVERILL, C. C. Radio network in Medicine Bow Forest to report fires. Wyo. Stockman-Farmer 51(7): 14. July 1945. 6 W992

11536 BOURQUE, J. S. Our unfinished war on forest fires. Forest & Outdoors, July 1945, p. 174. 99.8 Cl6

11537 LEROUX, L. La protection des forêts contre le feu dans les paroisses de colonisation. Forêt Québécoise 10: 24-26. July/Aug. 1945. 99.8 F79

11538 NETTLETON, A. To keep woodlands unscarred. Forest & Outdoors, July 1945, p. 179-180. 99.8 Cl6

Fire protection in Great Britain during the war.

11539 STAUFFER, J. M. Whose forest shall we let burn? Forest Farmer 4(9): 6; (10): 5-6. June-July 1945. 99.8 F7692

Fire protection policy and procedures of Alabama.

11540 WILLIAMS, R. H. Fire-fighters must eat! Los Angeles County solves the problem of getting hot, nourishing meals to the fire line. Amer. Forests 51: 344. July 1945. 99.8 F762

Describes portable unit resembling steam table.

11541 WIRT, G. H. Reimbursement of the Commonwealth for its forest fire extinction expenses. Forest Leaves 35(2): 9-11. May/June 1945. 99.8 F763

SILVICULTURE

See Items 10649-10669

LUMBERING

11542 DICKIE, F. Carrier and cargo make unique craft; ingenious device eliminates freight costs in Pacific waters - perfected from idea first developed 52 years ago. Family Herald and Weekly Star 76(27): 17. July 4, 1945. 7 F21

Describes "Benson raft" for transporting logs.

11543 FORD, T. State fourth as lumber producer. Ala. Conserv. 17(1): 4, 13. July 1945. 279.8 AL1

11544 UHL, H. G. Lack of unified control causes lumber shortage. Amer. Lumberman, No. 3312, p. 31-33. July 7, 1945. 99.81 Am3

11545 WALTERS, C. S. Fiberwood production in Illinois. J. Forestry 43: 406-407. June 1945. 99.8 F768

Mixed cordwood for use in the manufacture of roofing felt.

Equipment

11546 HYLER, J. E. Lumber handling methods. Wood-worker 64(5): 22, 24-25. July 1945. (Madison Sub-Branch Libr.)



11547 MCBEE, C. M. Improved lifting attachments for logging trailers. West Coast Lumberman 72(7): 91, 93, 128. July 1945. 99.8 W52

11548 \*NICKERL, R. Betriebseigenes holzhauserwerkzeug. Deut. Forstwirt 26: 196-197. June 23, 1944. 99.8 D483

#### Logging

11549 EMERY, K. M. Tractor logging, a resume of progress since 1893. South. Lumber J. 49(7): 19-20, 22. July 1945. 99.81 So8

11550 \*GOETZ. Rückschau auf die vorführung von stockrodeverfahren im lahrforstamt Eberswalde am 16. Dezember 1942. Allg. Forst- u. Jagd-Ztg. 120: 77-83. July/Sept. 1944. 99.8 A13

Methods of stump removal for utilization of the wood and for improvement of the soil.

11551 \*RUPF, H. Ein beitrage zur Heilbronner sortierung. Deut. Forstwirt 26: 209-212. July 7, 1944. 99.8 D483

Grading of spruce logs by the Heilbronner method.

11552 SHULLEY, F. J. River drive; how river drivers, armed with peavies and pike poles, fought the battle of wood this spring on Maine's dangerous waters. Amer. Forests 51: 320-323. July 1945. 99.8 F762

11553 SIMMONS, J. R. Giant yellow poplar cut in Maryland. J. Forestry 43: 456. June 1945. 99.8 F768

#### Lumber Industry

11554 BARIL, V. S., PRAGER, N., and STANDISH, J. Wages in the basic lumber industry in the Far West, 1944. (Sum.) Monthly Labor Rev. 61: 14-36. July 1945. 158.6 B87M

11555 LEMMONS, E. B. The need for post-war training of lumber yard personnel. South. Lumber J. 49(7): 48. July 1945. 99.81 So8

#### Sawmills

11556 FLURRY, J. E. Salvage of waste in sawmills. West Coast Lumberman 72(7): 81, 83, 85. July 1945. 99.81 W52

11557 LAMB, H. G. A new safety code for wood-working machinery. South. Lumberman 171(2143): 64, 66. July 15, 1945. 99.81 So82

11558 SKALLA, F. An imaginary saw mill. Cosgrove's Mag. 17(2): 55. July 1945. (Madison Sub-Branch Lib.)

#### WOOD TECHNOLOGY

11559 FINDLAY, W. P. K. Some factors influencing the rate of decay in wood. (Abs.) Soc. Agr. Bact. Proc. (1944) 15: 67-68. 1945. 448.39 So12

#### Chemical and Physical Properties

11560 BRAUNS, F. E. The nature of lignin from western hemlock (*Tsuga heterophylla*). J. Organic Chem. 10: 211-215. May 1945. 381 J827

11561 FRIEDMAN, L., TOWER, E., and BOALS, R. B. The effect of storage on Douglas fir hogged wood and sawdust; changes in heat value and chemical composition. Oreg. State Col. School Forestry. Oreg. Forest Prod. Lab. Res. Leaflet 3, 15 p., processed. Corvallis, 1945. 99.9 Or3522

11562 \*MATAGRIN, A. L'hydrolyse saccharifiante du bois ou de végétaux annuels, et la récupération possible de cellulose en préhydrolyse. Papeterie 66: 26-27, 29-31. (To be cont.) Feb. 1944. 302.8 P1932

11563 ROBINSON, G. P., and SANFORD, L. W. Defects in California red fir. J. Forestry 43: 439-440. June 1945. 99.8 F768

#### Preservative Treatment

11564 \*BAVENDAMM, W. Fortschritte der holzschutzforschung. (Abs.) Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., No. 1, p. 47-49. Mar. 1944. 99.8 F775

11565 STRONICH, H. S. Use of chemicals to prevent sap stain. West Coast Lumberman 72(7): 100. July 1945. 99.81 W52

11566 WILFORD, B. H. Chemical impregnation of trees and poles for wood preservation. Chemurg. Digest 4: 230. July 15, 1945. 261 N213Na

11567 WOLCOTT, G. N. How to make wood unpalatable to the West Indian dry-wood termite, *Cryptotermes brevis* Walker, III. Caribbean Forester 6: 245-266, processed. July 1945. 1.9622 T2C23

Spanish translation, p. 256-265; French résumé, p. 265-266.

#### Seasoning and Conditioning

11568 TIEMANN, H. D. Temperatures inside the lumber in a dry kiln. South. Lumberman 171(2143): 61-62. July 15, 1945. 99.81 So82

#### FOREST PRODUCTS

11569 \*BERTHELOT, C. L'hydrolyse de la cellulose du bois, la fermentation aliphatique du sucre de bois, et la fabrication d'alcool et de cétones carburants. Génie Civil 118: 69-75. Aug. 16/23, 1941. 290.8 G29

11570 \*BRUNER, M. H. Forester and chemist - partners. J. Forestry 43: 398-400. June 1945. 99.8 F768

The importance of wood as a basic raw material of industrial chemistry.

11571 DOUGLAS, A. P. Plywood storm boats. Veneers and Plywood 39(7): 24, 26. July 1945. 99.82 V55

11572 DURHAM, C. B. The hazel underwood industry. Q. J. Forestry 39: 6-11. Jan. 1945. 99.8 Q2

11573 GARRATT, G. A. Wood in war and peace. Wood Prod. 50(7): 18-19, 36. (To be cont.) July 1945. 99.82 W856

11574 KUNKEL, F. E. Florida opportunities in wood industries. South. Lumberman 17(2143): 44. July 15, 1945. 99.81 So82

11575 RISI, J. Charronnerie et tonnellerie. Forêt Québécoise 10: 9-10. July/Aug. 1945. 99.8F79

11576 STEERE, W. C. The cinchona-bark industry of South America. Sci. Monthly 61: 114-126. Aug. 1945. 470 Sci23

11577 TITUS, R. T. The British Hamilcar - Paul Bunyan of gliders. Wood Construct. 31(14): 8. July 15, 1945. (Madison Sub-Branch Lib.)

All-wood glider.

11578 WINSLOW, C. P. Wood in the national economy. Amer. Phil. Soc. Proc. 89: 403-407. July 18, 1945. 500 P533

#### Barrels, Boxes, and Crates

11579 WAGNER, J. B. The cylinder stave saw. Barrel and Box and Packages 50(7): 12-13. July 1945. 99.82 B27

#### Building Construction

11580 ENGEL DE JANOSI, K. E. Prefabrication of floors: new manufacturing ideas - insulated panels of plywood - long life and removal value. Timber Trades J. 173: 525-526. June 23, 1945. 99.81 T48

#### Charcoal

11581 \*BALLU, T. Vers de nouveaux procédés de carbonisation. Rev. des Agr. de France 73: 73-75. Mar. 1941. 14 R325

11582 \*RAZOUS, P. La carbonisation-distillation des bois en usine. Génie Civil 118: 1-7. July 5/12, 1941. 290.8 G29

11583 \*RAZOUS, P. La fabrication du charbon de bois par meules et par fours transportables. Génie Civil 117: 105-111. Mar. 15/22, 1941. 290.8 G29

#### Naval Stores

11584 BRADWELL, J. War is writing exciting chapter in turpentine and rosin production. Forest Farmer 4(10): 1, 3-4. (To be cont.) July 1945. 99.8 F7692



- 11585 COLLINS, T. T., JR. Sulphite turpentine, a review of the literature. Paper Indus. & Paper World 27: 537-541. July 1945. 302.8 P1923
- 11586 FERNÁNDEZ R., J. Breves apuntes sobre la industria resinera. Méx. Forest. 23: 28-34. (To be cont.) Mar./May 1945. 99.9 M57
- 11587 OSTROM, C. E. History of gum naval stores industry. Chemurg. Digest 4: 217, 219-223. July 15, 1945. 381 N213Na

#### Plastics

- 11588 AMIOT, L. P. Le bois et les résines synthétiques. Forêt Québécoise 10: 69-83. July/Aug. 1945. 99.8 F79
- 11589 BERGSON, A. F. Hartig process for wood adds new qualities. Plastics and Resins 4(5): 13-14, 33. May 1945. 309.8 P695
- Process for plasticizing and coloring logs.
- 11590 \*BUCCAR, M. DE. Moulages en papier et résines vinyliques. Papeterie 66: 32-33. Feb. 1944. 302.8 P1932
- 11591 FINDLEY, W. N., WORLEY, W. J., and KACALIEFF, C. D. Effect of molding pressure and resin on static and fatigue strengths of compreg. Mod. Plastics 22(12): 143-148, 196. Aug. 1945. 309.8 P69
- 11592 HOFF, N. J. and MAUTNER, S. E. The buckling of sandwich-type panels. J. Aeronaut. Sci. 12: 285-297. July 1945. (Madison Sub-Branch Libr.)
- Sandwich consisted of papreg faces and a cellular cellulose acetate core.
- 11593 SABERSON, E. L. Applications for Masonite products. Plastics[Chicago] 3(2): 58, 60-62, 88. Aug. 1945. 309.8 P696
- 11594 SCHWARTZ, S. L., PEW, J. C., and MEYER, H. R. Pulp for pulp-reinforced plastics. Paper Trade J. 121(TAPPI Sect.): 18-20. July 12, 1945. 302.8 P196

#### Pulp and Paper

- 11595 AREND, A. G. Wood pulp for rayon production. Silk J. and Rayon World 21(263): 31-32, 38. June 1945. 304.8 S13
- 11596 EVEREST, D. C. Review and preview of the paper industry. Paper Mill News 68(29): 10, 12, 14, 16. July 21, 1945. 302.8 P195
- Also in Paper Indus. and Paper World 27: 584, 586, 588, 590. July 1945. 302.8 P1923
- 11597 FAREBROTHER, T. H. Rigidity testing of paper boards. Paper Maker and Brit. Paper Trade J. 110: TS2-TS4. July 1945. 302.8 P1922
- 11598 JAHN, E. C. Modern European pulp bleaching. (Abridgment.) Paper Indus. & Paper World 27: 592, 594, 596. July 1945. 302.8 P1923
- 11599 JAHN, E. C. The Swedish pulp and paper industry. Paper Mill News 68(30): 30, 32, 34-35. (To be cont.) July 28, 1945. 302.8 P195
- 11600 LEE, J. A. St. Regis [Paper Co.] successfully bleaches groundwood. Paper Mill News 68(18, i. e. 24): 144, 147-148. June 16, 1945. 302.8 P195
- 11601 LINCOLN, W. B., JR. Development of V and W board weatherproof corrugated shipping containers. Paper Trade J. 121(TAPPI Sect.): 6-10. July 5, 1945. 302.8 P196
- 11602 MACLACHLAN, K. S. Pulp and paper facts and fallacies; rôle of science in Canada's greatest export industry. Canad. Chem. and Process Indus. 29: 411-414. June 1945. 381 C16
- 11603 MAGILL, D. G. Fiber cans and containers. (Abridgment.) Paper Indus. & Paper World 27: 602, 604, 606. July 1945. 302.8 P1923
- 11604 \*MATAGRIN, A. La protection des cartonnages par l'acétyle ou la benzyl-cellulose. Papeterie 66: 2-3, 5-9. Jan. 1944. 302.8 P1932
- 11605 NORRIS, F. H. Paper and paper making. Chapter VIII[-IX]. Chemical wood pulp. World's Paper Trade Rev. 124: 44, 46, 48, 128, 131. July 6, 20, 1945. 302.8 W89

- 11606 PETERSON, H. E., BRAY, M. W., and RITTER, G. J. Refined neutral sulphite semichemical pulps from Douglas fir. Paper Trade J. 121(TAPPI Sect.): 13-18. July 12, 1945. 302.8 P196
- 11607 POULIOT, L. J. Canadian pulp and paper industry nears 150th anniversary. Brit. Columbia Lumberman 29(7): 39-40, 60. July 1945. 99.81 B77
- 11608 REICHERT, J. S. Sodium peroxide bleaching. Paper Mill News 69(18, i. e. 24): 124, 126, 128, 130, 132. June 16, 1945. 302.8 P195
- 11609 TECHNICAL ASSOCIATION OF THE PULP AND PAPER INDUSTRY. CHEMICAL METHODS COMMITTEE. Water-soluble sulphates and chlorides in paper and paperboard. TAPPI Tentative Standard T 468 m-45. Paper Trade J. 121(TAPPI Sect.): 41-42. Aug. 2, 1945. 302.8 P196
- 11610 TECHNICAL ASSOCIATION OF THE PULP AND PAPER INDUSTRY. CHEMICAL METHODS COMMITTEE. Water-soluble sulphates and chlorides in pulp. TAPPI Tentative Standard T 229 m-45. Paper Trade J. 121(TAPPI Sect.): 1-2. July 5, 1945. 302.8 P196
- 11611 TECHNICAL ASSOCIATION OF THE PULP AND PAPER INDUSTRY. PAPER TESTING COMMITTEE. Flexural resistance and deflection of fiberboard. TAPPI Suggested Method T469 sm-45. Paper Trade J. 121(TAPPI Sect.): 11-12. July 12, 1945. 302.8 P196
- 11612 VINCENT, G. P. German research on the use of sodium chlorite in the manufacture of wood pulp and cellulose. Paper Indus. & Paper World 27: 547-549. July 1945. 302.8 P1923
- 11613 WELDON, R. L. Canada's pulp and paper industry, past and future. Engin. J. 28: 448-452. July 1945. 290.9 En3
- 11614 WESTON, H. E. Materials handled in the pulp and paper industry. Paper Indus. & Paper World 27: 533-536. July 1945. 302.8 P1923
- 11615 WILCOXSON, L. S. Why waste sulphite liquor? Paper Mill News 68(18, i. e. 24): 104, 106, 108. June 16, 1945. 302.8 P195
- 11616 WOODSIDE, V. A review of pulp bleaching. Paper Mill News 68(28): 10, 12, 14. (To be cont.) July 14, 1945. 302.8 P195

#### Tanning Materials

- 11617 MAYANS, J. J. Industrias forestales para Honduras; el tanino. Honduras Agr. 1(8): 16. June 1, 1945. 8 E753
- 11618 TESTS for tanning; chemist experiments with 200 different woods in effort to find substitute as blight threatens supply of chestnut. Business Week, No. 831, p. 72, 74. Aug. 4, 1945. 280.8 Sy8

#### Veneers and Plywood

- 11619 \*DEJOUANY, L. P. J. Le bois et le charbon de bois en France; étude contributive à l'utilisation des matières supplétoires des carburants liquides usuels. Rev. des Agr. de France 72: 193-197. Nov. 1940. 14 R325
- 11620 DUBOIS, L. DE G. Le chauffage moderne du bois. Forêt Québécoise 10: 49-57. July/Aug. 1945. 99.8 F79
- 11621 FOSTER, L. B. Veneering operations in the millwork plant. Veneers and Plywood 39(7): 8, 10, 12. July 1945. 99.82 V55
- 11622 HAMMOND, J. W. Sawdust burning generators provide "power" for this mill. Canada Lumberman 65(14): 18, 33. July 15, 1945. 99.81 C16
- 11623 HYLER, J. E. Producing figured veneer. Veneers and Plywood 39(7): 16, 18. July 1945. 99.82 V55

#### MISCELLANEOUS

- 11624 CHINARD, G. The American Philosophical Society and the early history of forestry in America. Amer. Phil. Soc. Proc. 89: 444-488. July 18, 1945. 500 P533
- 11625 DUBÉ, A. La forêt, source de richesses incommensurables pour un pays. Conservation [Quebec] 2(8): 11. Aug. 1945. 275.28 C763



- 11626 DUBÉ, Y. Les arbres, source de beauté et de richesses pour un pays. Conservation [Quebec] 2(8): 9. Aug. 1945. 275.28 C763
- 11627 GOBEIL, A. R. Pourquoi pas des forêts commémoratives? Forêt Québécoise 10: 5-6. July/Aug. 1945. 99.8 F79
- 11628 REYNOLDS, H. A. Community forests. Chemurg. Digest 4: 211-215. June 30, 1945. 381 N213Na
- 11629 ROBEY, G. D. The school memorial forest - a kindness for generations. Gard. Gossip 20(7): 10. July 1945. 80 G1625
- Tree planting by schoolboys in Muskingum Watershed Conservancy District, Ohio.

#### Forest Influences

- 11630 ZON, R. Forests in relation to soil and water. Amer. Phil. Soc. Proc. 89: 399-402. July 18, 1945. 500 P533

#### Wildlife

- 11631 COWAN, I. M. The ecological relationships of the food of the Columbian black-tailed deer, *Odocoileus Hemionus Columbianus* (Richardson), in the coast forest region of southern Vancouver Island, British Columbia. Ecol. Monog. 15: 110-139. Apr. 1945. 410 Ec72

### ANIMAL INDUSTRY

#### BREEDS AND BREEDING

- 11632 \*BERGAMI, G. Relazione riassuntiva sulle esperienze eseguite per determinare i requisiti ottimali dell'olio di vasellina da usarsi per la raccolta dello sperma. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 22: 69-70. Mar./June 1942. 16 N92
- 11633 \*GÄRTNER, R. Allgemeine tierzucht. Jahrb. f. Wiss. u. Prakt. Tierzucht 32: 1-31. 1944. Ref., p. 18-31. 442.8 J192
- 11634 HULTZ, F. S. Lessons in animal breeding. 2. The breeder's chances. Sheep and Goat Raiser 25(10): 21, 36-37. July 1945. 45.8 Sh3
- This magazine is "re-running these articles."
- 11635 \*LETARD, E. Les méthodes de contrôle de la fécondité des mâles. Acad. d'Agr. de France. Compt. Rend. 30: 174-177. Mar. 29, 1944. 14 P215Bc
- Concluding remarks by G. Bressou, p. 177-178.
- 11636 \*MASCHERONI, E. La fecondazione artificiale degli animali in Italia. Ital. Agr. 79: 373-379. July 1942. 16 It1
- 11637 MENEUGH, H. M. The saga of purebreds; purebred livestock. Leader in the past! Hope of the future! Hog Breeder 20(7): 11-13. July 1945. 46.8 H672
- 11638 \*PARISI, O. La questione della razza e degli incroci in zootecnica. Ital. Agr. 80: 274-280. May 1943. 16 It1
- 11639 POZZI, C. M. El éxito de los métodos de cría se basan en la herencia y en la selección. Rev. Ganad. [Buenos Aires] 25: 214-215. May 15, 1945. 49 R32
- 11640 SABOURIN, R. P. Livestock breeding in Quebec. Macdonald Col. J. 5(10): 12-13. June 1945. 101 M144
- 11641 STEWART, H. A. The place of animal breeding in the program of vocational agriculture. Agr. Ed. Mag. 18: 28, 33, 37. Aug. 1945. 275.8 Ag8
- 11642 \*STOSS, A. O. Tierärztliche fragen aus der tierzucht, insbesondere über künstliche besamung. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 341-346. Dec. 4, 1943. 41.8 D482
- 11643 \*TANNER, H. La sélection (3). J. d'Agr. Suisse 67(2): 1. Jan. 1945. 17 J82
- Heredity in livestock.

#### FEEDS AND FEEDING

- 11644 A., J. G. Potato silage. Mass. State Col. Ext. Mass. Dairy Digest, June 27, 1945, p. 2-3, processed. 275.29 M381Md
- 11645 ANAIS. Le manioc dans l'alimentation du bétail. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 2: 20-22. Jan. 1945. 8 R327
- 11646 BATES, E. M. Winter feeding of stock. New Zeal. J. Agr. 70: 529, 531. May 15, 1945. 23 N48J
- 11647 BEESON, W. M. Mineral deficiencies in feed. Flour & Feed 46(2): 35. July 1945. 298.8 F66
- 11648 \*BORGIOLO, E. Metodi, tecnica e problemi della sperimentazione nell'alimentazione del bestiame. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 21(1/2): 139-283. Mar./June 1941. 16 N92
- Note particularly the bibliography, p. 265-283.
- 11649 BRADFELD, R. Aim toward growing better hay. Farm Res. [N. Y. State Sta.] 11(3): 9-10. July 1945. 100 N48A
- 11650 \*BRÉTIGNIÈRE, L. Il faut penser a l'ensilage des fourrages verts. Rev. des Agr. de France 73: 106-107. Apr. 1941. 14 R325
- 11651 CAMPTON, E. W. Some summer feeding problems in eastern Canada. Macdonald Col. J. 5(10): 2, 21. June 1945. 101 M144
- Also in Marit. Farmer and Co-op Dairyman 50(20): 9. July 17, 1945. 7 C77
- 11652 CLARE, N. T., CUNNINGHAM, I. J., and FER-RIN, D. D. The determination of copper in pastures and livers. New Zeal. J. Sci. and Technol. Sect. A, Agr. 26: 340-350. Apr. 1945. 514 N48A
- 11653 CORRIE, F. E. Some elements of plants and animals. 3-5. Calcium in animal nutrition. Fert., Feed. Stuffs and Farm Supplies J. 31: 351-353, 379-380, 411, 413, 428. June 20, July 4-18, 1945. 57.8 F413
- 11654 DAVIDSON, J. L. Calcium, phosphorus, and vitamin D in the rations of animals. Vet. Med. 40: 276-277. Aug. 1945. 41.8 M69
- 11655 DRAPER, C. I. Feather protein. Flour & Feed 46(2): 34. July 1945. 298.8 F66
- 11656 DUCKWORTH, J. Substitute feeding stuffs. Gt. Brit. Min. Agr. and Fisheries. Growmore B. 8, rev. ed., 16 p. London, 1945. 10 G79Gro
- 11657 EIRE. DEPT. OF AGRICULTURE. The purchase and use of feeding stuffs. Eire. Dept. Agr. Leaflet 2, 19 p. Dublin, 1944. 10.5 Ir42
- 11658 EVANS, R. J., and ST. JOHN, J. L. Comparison of several methods for determining the sulfur content of feeds. Assoc. Off. Agr. Chem. J. 28: 360-363. May 1945. 381 As7
- 11659 GARRIGUS, W. P. Better hay for Kentucky livestock. Ky. Farmer's Home J. 81(7): 4. July 1945. 6 F2237
- Includes a design for a hay dryer.
- 11660 GERVAIS, P. L'ensilage. Terre de Chez Nous 17(37): 9, 23. June 20, 1945. 7 T27
- 11661 GODFREY, P. R. Determination of fluorine in minerals and bones. Assoc. Off. Agr. Chem. J. 28: 335-338. May 1945. 381 As7
- For establishing tolerances for animals.
- 11662 \*HENNEBERG, O. H. Soja in lebensmitteln tierischer herkunft (versuchsergebnisse und beobachtungen). 3. Mitteilung: Ueber die von H. Rievel angegebenen nachweismethoden für soja in histologischen schnitten. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 237-238. June 17, 1944. 41.8 D482
- 11663 \*HOSAIN, M. F. Conservation of green fodder. Indian Farming 6: 173-175. Apr. 1945. 22 In283
- Silage preparation.



- 11664 JACOBS, S. S. Vitamin pills for porkers. *Mag. Digest* 31(2): 112-114. Aug. 1945. 110 M27  
Describes the making of vitamin feeds for livestock
- 11665 JOHNSTON, J. B. Nutritional factors in livestock feeding. *South. Stockman* 5(8): 32, 64, 66. (Concl.) Aug. 1945. 49 So83  
Vitamins.
- 11666 \*JOUIS, E. Contribution à l'analyse des aliments de secours pour le bétail. *Ann. Agron.* [Paris] (n. s.) 12(1): 59-82. Jan./Mar. 1942. 14 An75A  
Horsechestnuts, chestnuts, and carob sprouts.
- 11667 \*KEHAR, N. D. Investigations on famine rations for livestock. I. Munj and molasses as famine rations. *Indian J. Vet. Sci. and Anim. Husband.* 14: 40-48. Mar. 1944. 41.8 In22
- 11668 KELLY, J. T. Citrus by-products as stock food. *Victoria. Dept. Agr. J.* 43: 209-210. May 1945. 23 V66J
- 11669 KELLY, J. T. Fibre and bulk in feeding stuffs. *Victoria. Dept. Agr. J.* 43: 203-204. May 1945. 23 V66J
- 11670 KISHLAR, L. Protein hunger must be met: soybean will carry the load of peace-time demands. *Farmers Guide* 101(14): 3. July 15, 1945. 6 In2  
Also in *Grain and Feed Rev.* 35(11): 16. July 1945 (280.28 C78); and in *Feedstuffs* 17(28): 30-31. July 14, 1945. 286.81 F322
- 11671 \*LEROY, A. De l'emploi des topinambours dans l'alimentation animale. *Acad. d'Agr. de France. Compt. Rend.* 28: 35-44. Jan. 7/14, 1942. 14 P215Bc
- 11672 MASSAUX, R. Alimentación racional o equilibrada de los animales domésticos. *Buenos Aires y La Pampa, No. 79, p. 16-17.* (To be cont.) Apr. 1945. 9 B868
- 11673 MEANS, R. H. Urea and sorghum [silage]. *Flour & Feed* 46(2): 32. July 1945. 298.8 F66
- 11674 MIEGE, E. Fourrages de disette. *Inform. Maroc.* (n. s.) 14(280/281): 3-4. (To be cont.) May 26, 1945. 281.8 In3
- 11675 MILLER, R. C. Some present day aspects of livestock nutrition. *Cornell Vet.* 35: 128-136. Apr. 1945. 41.8 C81
- 11676 MITTON, R. L. Mineral requirements of farm livestock. *So. Austral. Dept. Agr. J.* 48: 383-384. Apr. 1945. 23 So84
- 11677 NEW FEED DEFINITIONS. *Flour & Feed* 46(2): 12-14. July 1945. 298.8 F66  
Results of a meeting of the Association of American Feed Control Officials and the American Feed Manufacturers Association.
- 11678 \*NYFFENEGGER, A. Altes und neueres über den mineralstoffhaushalt. *Schweiz. Arch. f. Tierheilk.* 87: 205-210. June 1945. 41.8 Sch9
- 11679 PADDOCK, A. Commercial scientific feeding. *Comments on Argentine Trade* 24(10): 31-32, 34. May 1945. 287 C359C
- 11680 PHILLIPS, R., DAVIES, R. O., and ASHTON, W. M. Salt in hay and silage. *Gt. Brit. Min. Agr. Agriculture* 52: 98-99. June 1945. 10 G79J
- 11681 R. Some determining factors in feeding value of oats. *Farmers' Gaz.* [Dublin] 103: 357. June 23, 1945. 10 F221
- 11682 ROBINSON, H. G., and BURNS, A. C. Salting of hay. *Gt. Brit. Min. Agr. Agriculture* 52: 100-101. June 1945. 10 G79J
- 11683 \*ROGER, Les aliments du bétail. *Rev. des Agr. de France* 74: 12-14. Jan. 1942. 14 R325  
A new ruling for regulation and inspection of feed.
- 11684 \*SEN, K. C. Animal nutrition research in India. *Indian Farming* 6: 156-160. Apr. 1945. 22 In283
- 11685 STEWART, J. G. Salt as an aid in haymaking. *Farmer & Stock-Breeder* 59: 969. June 19, 1945. 10 F228
- 11686 \*TOMMASI, G. L'insilamento dei foraggi. *Ital. Agr.* 78: 349-355. May 1941. 16 It1
- 11687 \*TUREGANO, F. F. Pastos y rastrojeras. *Agricultura* [Madrid] 14: 185-186. Apr. 1945. 15 Ag84  
Grazing rights.
- 11688 WANNOP, A. R. Utilisation of hill and upland grazings. *Scot. Farmer* 53: 769. July 7, 1945. 10 Sco8
- 11689 WILSON, J. B. New forest permits. *Calif. Wool Grower* 21(30): 4-5. July 24, 1945. 45.8 C12  
Regulations of the U. S. Forest Service concerning grazing in the national forests.
- 11690 \*WOHLBIER, Tierernährung und futtermittelkunde. *Jahrb. f. Wiss. u. Prakt. Tierzucht* 32: 32-46. 1944. 442.8 J192  
Note particularly the bibliography, p. 36-46.
- 11691 \*ZORN, W., and FREIDT, G. Grünland. *Jahrb. f. Wiss. u. Prakt. Tierzucht* 32: 65-92. 1944. Ref., p. 83-92. 442.8 J192  
Inclusive study.

## VETERINARY MEDICINE

- 11692 \*ALL-INDIA VETERINARY ASSOCIATION. MADRAS BRANCH. *Proceedings*, April 6-8, 1945. *Indian Vet. J.* 21: 437-464. May 1945. 41.8 In2
- 11693 AMERICAN VETERINARY MEDICAL ASSOCIATION. *Directory* 1945. 147 p. Chicago. 41.9 Am32
- 11694 BAROFFIO, A. A. Defectos hereditarios del ganado. *Campo* [Buenos Aires] 29(343): 14-15, 18. May 1945. 9 C15
- 11695 BASTERRECEA, L. DE. Apuntes de inspección de carnes. *Rev. Pecuaria*, No. 78-79, p. 3-5. Mar./Apr. 1945. 49 R326  
Disease diagnosis in live and slaughtered animals.
- 11696 BELHAM, G. H. The fate of phenothiazine in rabbits. I. The detection of a new conjugate in rabbits' urine after the feeding of phenothiazine. *Canad. J. Res. Sect. E., Med. Sci.* 23: 71-79. June 1945. 470 C16E  
Experimentation to determine fundamental mechanisms concerned in phenothiazine detoxication.
- 11697 \*BHALERAO, G. D. Chemotherapy of helminthic infections of domestic animals. *Indian J. Vet. Sci. and Anim. Husband.* 14: 125-132. June 1944. Ref. 41.8 In22
- 11698 BODDIE, G. F. Specialisation. *Vet. Rec.* 57: 303-304. June 23, 1945. 41.8 V641
- 11699 \*BRANZBURG, A. IŮ. Sanitarно-ekonomicheskaia znachimost' gel'mintozov v narodnom khoziaistve SSSR i problema ikh likvidatsii [Sanitary-economic significance of helminthiasis in the people's economy of the USSR and the problem of its elimination]. *Veterinariia* 21(11/12): 16-17. Nov./Dec. 1944. 41.8 V6426  
Includes livestock.
- 11700 BRASH, A. G. Disinfection and disinfectants. *New Zeal. J. Agr.* 70: 355, 357. Apr. 16, 1945. 23 N48J
- 11701 \*BUCHNEV, K. N. Gorokhovo-gidroliznye pitatel'nye sredy [Pea-hydrolyzed culture media]. *Veterinariia* 21(2/3): 17. Feb./Mar. 1944. 41.8 V6426  
Culture media from seeds of peas and other legumes.
- 11702 CHAMBERS, E. E. Rabies, cause of heavy stock loss, can be stopped, says veterinarian. *South. Stockman* 5(8): 16, 59. Aug. 1945. 49 So83  
A general description.
- 11703 ELLIS, S. Veterinarian and his profession; as expected by a farmer. *Vet. Student* 7: 207-208. Spring 1945. 41.8 V6425
- 11704 \*ELPIDINA, O. K. On phytotoxins occurring in grain responsible for "septic angina." *Acad. des Sci. de l'U. R. S. S. Compt. Rend.* (n. s.) 46: 83-85. Jan. 20, 1945. 511 P444  
A type of forage poisoning.
- 11705 EVERILL, K. Los peligros involucrados en el problema de la aftosa. *Res* 13: 17401-17402. May 5, 1945. 286.85 R31



- 11706 \*FRENGUELLI, B. Sulla tossicità della farina di grenotto quale mangime per animali domestici. Ital. Agr. 80: 205-208. Apr. 1943. 16 Itl  
Toxicity of *Adofis autumnalis* studied.
- 11707 \*FROEHNER, R. Tierärztliche Fachschule zu Zupphen. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 239-240. June 17, 1944. 41.8 D482
- 11708 \*GEORGI, A. Albucid bei otitis externa, nassenden ekzemen usw. in der kleintiermedizin. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 234-235. June 17, 1944. 41.8 D482
- 11709 \*GOERTTLER, V. Tierhygiene. Jahrb. f. Wiss. u. Prakt. Tierzucht 32: 47-64. 1944. Ref., p. 61-64. 442.8 J192
- 11710 \*GRYSEZ, V. Observations sur les causes modificatrices de l'évolution de la rage chez les lapins inoculés avec le virus fixe. Inst. Pasteur [Paris]. Ann. 66: 187-190. Mar. 1941. 448.3 An75
- 11711 \*GUNTER, E. Über pflanzenvergiftung bei weidetieren in Südwestafrika. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 355-356. (Cont.) Dec. 4, 1943. 41.8 D482
- 11712 HENRICI, M. Bloating of live-stock. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 128, 2 p. Pretoria, 1945. 24 So82Pa  
Caused by eating lucerne.
- 11713 HILL, L. A useful home made glass rod or tube cutter. So. African Vet. Med. Assoc. J. 16(1): 14-19. Mar. 1945. 41.8 So8
- 11714 HOUELOOT, C. Ganado vacuno. Parte 3-5. Panama. Min. de Agr. y Com. Rev. de Agr. y Com. 4(43): 26-32; (44): 25-32; (45): 28-32. Mar.-May 1945. 8 R3291
3. Las principales medicaciones abceso de fijación. 4-5. Desinfección de los locales y objetos en caso de enfermedades contagiosas.
- Deals with livestock as well as cattle.
- 11715 \*KARSTEN, Über virulenzprüfung von Brucelastämmen. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 359-360. Dec. 18, 1943. 41.8 D482
- 11716 \*KEHAR, N. D., and RAU, G. Nerium odorum (poisoner) poisoning in livestock. Indian J. Vet. Sci. and Anim. Husband. 14: 25-26. Mar. 1944. 41.8 In22
- 11717 \*KEHAR, N. D., and RAU, K. G. Poisoning of livestock by *Datura stramonium* L. Indian J. Vet. Sci. and Anim. Husband. 14: 112-114. June 1944. 41.8 In22
- 11718 KIRK, H. Radiographical diagnosis of bone tumours with special reference to osteomyelitis. Vet. Rec. 57: 345-347. July 21, 1945. 41.8 V641
- 11719 \*KOROPOV, V. M. Veterinarnye vuzy Narodnaya v novom uchebnom godu [Veterinary institutions of higher learning of the People's Commissariat of Agriculture during the new study year]. Veterinariia 21(11/12): 18-20. Nov./Dec. 1944. 41.8 V6426
- 11720 \*KRISHNASWAMY, A. What a veterinarian can learn from a study of the ancient Indian veterinary lore. Part I-II. Indian Vet. J. 21: 388-410. May 1945. 41.8 In2
- Part II consists of a translation of portions of Sukra-Niti, Chapter 4, Section 7.
- 11721 KUBIN, R., and LAGER, A. E. Collection of specimens for laboratory examination. Vet. Med. 40: 278-279. Aug. 1945. 41.8 M69
- 11722 LAFORTUNE, J. G. Les sulfamidés. Forêt Québécoise 10: 35. July/Aug. 1945. 99.8 F79
- 11723 \*LEKAREV, V. M. K 26 godovshchine Krasnoy Armii [On the 26th anniversary of the Red Army]. Veterinariia 21(2/3): 1-3. Feb./Mar. 1944. 41.8 V6426
- Emphasizes the accomplishments of veterinarians.
- 11724 \*LIKERMAN, J. E. Modo de practicar una autopsia. Campo [Buenos Aires] 29(342): 47. Apr. 1945. 9 C15
- 11725 MCCULLOUGH, E. C. Surgical sterilization as it relates to veterinary practice. Vet. Student 7: 199-203. Spring 1945. 41.8 V6425
- 11726 \*MARCENAC. Les restrictions alimentaires actuelles et leurs conséquences pathologiques sur les animaux. Acad. d'Agr. de France. Compt. Rend. 30: 220-225. May 3, 1944. 14 P215Bc
- 11727 MARINI, J. A. Carbunclo sintomático o mancha. Res 13: 17535-17536. June 5, 1945. 286.85 R31
- 11728 MARTÍN NOVELO, A. Cómo diferenciar la fiebre carbonosa, la septicemia hemorrágica y la fiebre de Texas. Campo [Guadalajara], 13: 105-106. June 1945. 8 G76
- 11729 MARTÍN NOVELO, A. Fiebre carbonosa o antrax. Campo [Guadalajara], 13: 103-105. June 1945. 8 G76
- 11730 MAYO, N. S. Reminiscences. VI. Vet. Med. 40: 269-271. Aug. 1945. 41.8 M69  
Nelson S. Mayo's recollections of his veterinary practice and veterinarians he has known.
- 11731 MÖNNIG, H. O. Notes on modern therapy. So. African Vet. Med. Assoc. J. 16(1): 7-9. Mar. 1945. 41.8 So8  
For internal and external parasites.
- 11732 \*MUROMTSEV, S. N. Materialy po ispytaniyu poluzhidkoi formolovaktiny protiv brutselliya [Materials for testing half-liquid formol-vaccine against brucellosis]. Veterinariia 21(2/3): 8-10. Feb./Mar. 1944. 41.8 V6426
- 11733 \*NOWITZKI, E. Der quantitative nachweis organspezifischer fermente und seine bedeutung für die klinische diagnostik. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 232-234. June 17, 1944. 41.8 D482
- 11734 \*OSTERTAG, R. VON. Der tierarzt und die kolonien. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 756-764. 26 In863
- 11735 \*PAST, present and future of veterinary education in India. By the Director, Veterinary Services, Bihar, Patna. Indian Vet. J. 21: 383-386. May 1945. 41.8 In2
- 11736 \*PAVLENKO, S. M. Voprosy vitaminologii v veterinarii [Questions of vitaminology in veterinary science]. Veterinariia 21(11/12): 35-37. Nov./Dec. 1944. 41.8 V6426
- 11737 \*PAVLOV, P. Über das vorkommen von *Cysticercus inermis*, *C. cellulosae* und *Trichinella spiralis* in Bulgarien. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 263. (Concl.) July 1, 1944. 41.8 D482
- 11738 \*RODIONOV, I. M. 25-letie Veterinarnogo nauchno-issledovatel'skogo ordena Krasnoy zvezdy instituta Krasnoy Armii. Veterinariia 21(2/3): 5. Feb./Mar. 1944. 41.8 V6426
- 25th anniversary of the Order of the Red Star of the Veterinary Research Institute of the Red Army.
- 11739 \*RUSEV, KH. G. Ustroistvo na veterinarno-institutskoto dielo u nas (Organisation des vétérinaires versuchswezens in Bulgarien). Spis. Zeml. Izp. Inst. B'lgaria (Rev. Insts. de Rech. Agron. en Bulgarie) 13: 175-180. July/Dec. 1943. 106.3 R32  
German summary.
- 11740 \*SARKISOV, A. KH., and ORSHANSKAYA, V. N. Laboratornaya diagnostika toksicheskogo shtamma griba *Stachybotrys alternans* [Laboratory diagnosis of the toxic fungus *Stachybotrys alternans*]. Veterinariia 21(2/3): 38-40. Feb./Mar. 1944. 41.8 V6426
- 11741 \*SARKISOV, A. KH., and others. Vredonosnost' perezimovavshikh na pol'akh zlakov [The toxicity of cereals which over-wintered on the fields]. Veterinariia 21(11/12): 39-42. Nov./Dec. 1944. 41.8 V6426
- E. S. Kvashnina, N. E. Korneev, V. P. Koroleva, P. N. Gerasimova, N. S. Akulova, joint authors.
- 11742 \*SARWAR, M. M. Some new records of nematode worms from Indian ruminants. Indian J. Vet. Sci. and Anim. Husband. 14: 60-61. Mar. 1944. 41.8 In22



- 11743 SHARP, D. G., and others. Densities and sizes of the influenza viruses A (PR8 strain) and B. (Lee strain) and the swine influenza virus. *J. Biol. Chem.* 159: 29-44. June 1945. 381 J824
- A. R. Taylor, I. W. McLean, Jr., D. Beard, and J. W. Beard, joint authors.
- 11744 STERNE, M., NICOL, J., and LAMBRECHTS, M. C. Field results with avirulent anthrax vaccine. *So. African Vet. Med. Assoc. J.* 16(1): 12-13. Mar. 1945. 41.8 So8
- 11745 STINSON, O. Past experiences in large-animal practice. *Vet. Rec.* 57: 347. July 21, 1945. 41.8 V641
- 11746 SYVERSON, C. L. Referred pain as adapted to veterinary medicine. *Vet. Student* 7: 209-211. 219-222. Spring 1945. 41.8 V6425
- Nervous system and reflexes with reference to diagnosis.
- 11747 TAYLOR, C. R. Farming pumice country. *New Zeal. J. Agr.* 70: 399-403. Apr. 16, 1945. 23 N48J
- Cobalt and deficiency diseases.
- 11748 U. S. BUREAU OF ANIMAL INDUSTRY. PATHOLOGICAL DIVISION. Vesicular diseases of animals. *U. S. Livestock Sanit. Assoc. Proc.* (1944) 48: 114-115. 1945. 49.9 Un3R
- Concerning a motion picture for professional groups.
- 11749 \*VÉLAT, F. Comment prévenir l'arthrite infectieuse des jeunes animaux. *Rev. des Agr. de France* 73: 296-297. Oct. 1941. 14 R325
- 11750 \*VERGE, J., and GORET, P. Sur la conservation de quelques ultravirus par la dessiccation. *Inst. Pasteur [Paris]. Ann.* 67: 367-370. Nov. 1941. 448.3 An75
- 11751 \*VINNITZKY, I. M. Causes and value of migration phenomenon in *Ascaris* larvae; evolutionary ways of biological cycles of development within the order Ascaridata. *Acad. des Sci. de l'U. R. S. S. Compt. Rend. (n. s.)* 46: 258-260. Feb. 28, 1945. 511 P444
- 11752 \*VYSHELESSKIĬ, S. N. O samovyysodorovlenii sel'skokhoziaistvennykh zhivotnykh ot brucellioza [Concerning the self-recovery of agricultural animals from brucellosis]. *Veterinariia* 21(11/12): 22-28. Nov./Dec. 1944. 41.8 V6426
- 11753 ZEISSIG, A. Rabies control. *Cornell Vet.* 35: 123-127. Apr. 1945. 41.8 C81

## MISCELLANEOUS

- 11754 ADAIR, W. Show-judging by points; Strat-haven introduces a novelty. *Farming News and North Brit. Agr.* 97(27): 13. June 29, 1945. 10 N82
- 11755 BISHOP, C. P. Interstate health regulations from the viewpoint of the regulatory official. *U. S. Livestock Sanit. Assoc. Proc.* (1944) 48: 11-14. 1945. 49.9 Un3R
- 11756 THE BREEDING of alpacas. *Bolivia* 11(23): 15-20. May/June 1945. 286.8 B633
- General discussion of characteristics and care.
- 11757 BURNS, R. H. The famous Heart Ranch. *Westerner* 8(6): 16-18. July 1945. 49 W522
- Includes ranching in the early days.
- 11758 BUTLER, W. J. Uniform State regulations for imported livestock. *Vet. Med.* 40: 274-275. Aug. 1945. 41.8 M69
- 11759 DAY, J. S. Photography my hobby not my business. *Amer. Hereford J.* 36(5): 158. July 1, 1945. 43.8 Am32
- 11760 EMERSON, A. W. Champion pasture farmer. *Breeder's Gaz.* 110(7): 6, 19. July/Aug. 1945. 49 B74
- Description of a stock farm in Pawnee County, Nebr.
- 11761 GAY, C. W. The eye and hand in judging [livestock]. *Shorthorn World* 30(8): 4-5. June 25, 1945. 43.8 Sh8
- 11762 GUARD, B. Silos shining in the sun; this pair, seen from an airplane in the Rio Grande Valley of New Mexico, belong to Hon. Clinton P. Anderson, Secretary of Agriculture. *Breeder's Gaz.* 110(7): 5, 15. July/Aug. 1945. 49 B74
- 11763 HOLLAND, W. E. The camera is only partly responsible. *Amer. Hereford J.* 36(5): 154. July 1, 1945. 43.8 Am32
- 11764 \*MÜLLER-WESEL. Schlachthofwesen, wirtschaft und verwaltung; der luftschutz an kleinen schlachthöfen. *Deut. Schlachthof-Ztg.* 44: 82-83. June 15, 1944. 286.85 D48
- 11765 \*PIETTRE, M. La réquisition, son application et ses conséquences. *Acad. d'Agr. de France. Compt. Rend.* 26: 551-559. June 5, 1940. 14 P215Bc
- On the requisition of slaughterhouses in and around Paris by the Government.
- 11766 \*PIETTRE, M. Technique et hygiène dans les abattoirs; une mission du Centre National de la Recherche Scientifique (Ministère de l'Education Nationale). *Acad. d'Agr. de France. Compt. Rend.* 29: 45-54. Jan. 20/27, 1943. 14 P215Bc
- 11767 SIMPICH, F. Grass makes Wyoming fat. *Natl. Geog. Mag.* 88: 163-188. Aug. 1945. 470 N213
- Livestock industry.
- 11768 THALMAN, R. R. Picture pointers. *Amer. Hereford J.* 36(5): 152, 154, 158, 174, 176. July 1, 1945. 43.8 Am32
- 11769 TORREIRO, R. Los primeros animales domesticos que poblaron la Argentina. *Pampa Argentina* 19 (212): 28-30. Apr. 1945. 9 P19
- 11770 U. S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON LAWS AND REGULATIONS. Report: State health requirements governing admission of livestock. *U. S. Livestock Sanit. Assoc. Proc.* (1944) 48: 18-25. 1945. 49.9 Un3R
- C. P. Bishop, chairman.

## CATTLE

## Breeds and Breeding

- 11771 BARCLAY, J. R. Juana Erica, una vaca Angus. *Aberdeen Angus [Buenos Aires], No.* 26, p. 33-34, 36-40. Autumn 1945. 43.8 Ab33
- 11772 BECKMAN, H. J. Brahman for the Southwest. *Calif. Cult.* 92: 376-377. July 7, 1945. 6 C12
- 11773 BLAKE, T. A. Inheritance of morphological characters in the sperms of cattle. *Nature [London]* 155: 631. May 26, 1945. 472 N21
- 11774 BOGGS, H. H. Publican; sire of Domino the central figure in epic of breeding herd and range. *Amer. Hereford J.* 36(5): 216, 240-241. July 1, 1945. 43.8 Am32
- 11775 CASARES, V. R. El herd book de la Sociedad Rural Argentina para la raza Holando Argentino. *Rev. Canad. [Buenos Aires]* 25: 181-182. May 15, 1945. 49 R32
- 11776 CASEMENT, D. D. Random recollections. *V. Bulls. Amer. Hereford J.* 36(5): 62-63, 180-181. July 1, 1945. 43.8 Am32
- 11777 CORTES, J. El Cebu y la ganderia para carne en los tropicos. *Panama. Min. de Agr. y Com. Rev. de Agr. y Com.* 4(43): 15-25. Mar. 1945. 8 R3291
- 11778 \*CSUKÁS, Z. Die rinderzucht. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 96-104. 1942. 18 G31A
- History of production in Hungary and origin and possibilities of development of the various breeds.
- 11779 DE GUERIN, B. C. Guernsey herds safe on Island. *Guernsey Breeders' J.* 68: 105-106, 119. July 15, 1945. 43.8 G93
- 11780 DOW, B. Aberdeen-Angus good rustlers. *Mont. Farmer* 32(22): 5. July 15, 1945. 6 M764
- 11781 \*EICKMANN, H. Untersuchung der bullen auf befruchtungsfähigkeit. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 52-53. Jan. 29, 1944. 41.8 D482



- 11782 FENN, F. Architect Riggs builds with Herefords. Amer. Hereford J. 36(6): 14-15, 38. July 15, 1945. 43.8 Am32
- 11783 FORD, J. F. In one decade. Tex. Livestock J. 4(6): 95. June 15, 1945. 49 T29  
About the Texas Milking Shorthorn Association.
- 11784 FROST, J. The middle portion of the Hereford. Amer. Hereford J. 36(5): 150-151. July 1, 1945. 43.8 Am32
- 11785 GAMMON, B. O. Muley Whitefaces in western cattle country. West. Live Stock 30, i. e. 31(12, i. e. 1): 14, 17, 36. July 1945. 49 W523  
Historical account of Polled Herefords.
- 11786 GAMMON, B. O. Why did he buy that herd bull? Amer. Hereford J. 36(5): 186, 190. July 1, 1945. 43.8 Am32
- 11787 GILL, J. Hitting westward trail with the Muley Whitefaces. West. Live Stock 30, i. e. 31(12, i. e. 1): 40-41. July 1945. 49 W523  
Popularity of Polled Herefords.
- 11788 GREEN, G. W. Cattle business in the Olvey blood. Amer. Hereford J. 36(6): 8-9, 40-41. July 15, 1945. 43.8 Am32
- 11789 GRIFFIN, B. J. Some data regarding Shorthorn recording. Milking Shorthorn J. 26(7): 3-4. July 1945. 43.8 M59  
History of the associations for recording Shorthorns of all types.
- 11790 GRIFFIN, P. Cross-breeding process in cattle. Tex. Livestock J. 4(6): 66, 68. June 15, 1945. 49 T29
- 11791 H., W. T. Raza Galense Negra (Welsh Black cattle). Rev. Ganad. Buenos Aires, 25: 113. Mar. 31, 1945. 49 R32
- 11792 HAGGARD, C. L. Milking Shorthorns. Tex. Livestock J. 4(6): 94. June 15, 1945. 49 T29
- 11793 HALL, W. T. El Polled Shorthorn; su origen y su evolución. Rev. Ganad. Buenos Aires, 25: 234-235. May 15, 1945. 49 R32
- 11794 HARDY, W. J. Milking Shorthorns in Texas. Tex. Livestock J. 4(6): 96-97. June 15, 1945. 49 T29  
As a dual-purpose breed.
- 11795 HINDMARSH, W. L. Artificial insemination of cattle. Agr. Gaz. N. S. Wales 56: 169-170. Apr. 1, 1945. 23 N472
- 11796 HOLBERT, J. C. Begin with these five points to make a good breed better; heads - heart girth - natural fleshing - legs - uniformity of type in bulls. Amer. Hereford J. 36(5): 100, 102, 130. July 1, 1945. 43.8 Am32
- 11797 HOUSEHOLDER, G. M. Holsteins, tomorrow's dairy cow. Tex. Livestock J. 4(6): 86-87. June 15, 1945. 49 T29
- 11798 IT'S IN the blood; a study of the pedigree. Amer. Hereford J. 36(5): 68, 72, 74, 76, 78, 82, 86, 88, 90, 92, 94. July 1, 1945. 43.8 Am32
- 11799 JOHNSON, C. Hiten your herd to a star; selecting the right herd sire a highly important factor. Amer. Hereford J. 36(5): 222. July 1, 1945. 43.8 Am32
- 11800 JOHNSON, L. Producing hornless cattle of popular Hereford bloodlines. West. Live Stock 30, i. e. 31(12, i. e. 1): 46. July 1945. 49 W523
- 11801 LABARTHE, C. A. A raça Holandeza e seus mestiços com o Zebu no melhoramento do gado leiteiro na zona tropical. Rev. dos Criadores 16(5): 26-27. May 1945. 43.8 R32
- 11802 LIPSCOMB, K. V. Why Holsteins in Texas? Tex. Livestock J. 4(6): 89. June 15, 1945. 49 T29
- 11803 MCILVAINE, C. W., JR. After the war -- Herefords. Amer. Hereford J. 36(5): 170, 172-173. July 1, 1945. 43.8 Am32
- 11804 MCKELVIE, S. R. Breed Herefords, young man. Amer. Hereford J. 36(5): 48, 208. July 1, 1945. 43.8 Am32

- 11805 MARBURGER, R. M. Milking Shorthorns on the general farm. Tex. Livestock J. 4(6): 97. June 15, 1945. 49 T29  
As a dual-purpose breed.

- 11806 \*MAZZONI, R. Il servizio di monta taurina in Italia. Ital. Agr. 78: 715-723. Oct. 1941. 16 It1

- 11807 MILLER, R. H. Achievement on the tanbark as a guide to potential breeding performance of bulls. Amer. Hereford J. 36(5): 104-105, 116. July 1, 1945. 43.8 Am32

- 11808 MONTGOMERY, J. T. Half-million \$ herd bull...value of a sire based on the results of a great one's service. Amer. Hereford J. 36(5): 220. July 1, 1945. 43.8 Am32

- 11809 OSLAND, H. B. Why purebred sires? Amer. Hereford J. 36(5): 182. July 1, 1945. 43.8 Am32

- 11810 PERAZA, V. M. El ganado Cebu en Cuba. Liborio 5(5/7): 9-10. May/July 1945. 43.8 V41

- 11811 RICE, V. A. Proved sirs. Amer. Hereford J. 36(5): 45-47, 196. July 1, 1945. 43.8 Am32  
Proved sires.

- 11812 RICE, V. A. The science of breeding; selection of beef cattle. South. Stockman 5(8): 12-13, 44, 46, 48. Aug. 1945. 49 So83

- 11813 ROGERS, A. Proved quality; the reconversion key. Amer. Hereford J. 36(5): 66. July 1, 1945. 43.8 Am32  
Value of purebred stock.

- 11814 SHAW, A. O. A visit at Quail Roost. East. Breeder 7(3): 38-40. Aug. 1945. 49 V81  
Description of a Guernsey dairy farm.

- 11815 SMITH, H. H. You never get through paying for a poor bull; his influence lives long after he is gone. Amer. Hereford J. 36(5): 64-65, 204. July 1, 1945. 43.8 Am32

- 11816 \*TROSHIN, I. Voprosy metizatsii sibirskogo molochnogo skota [Problems of cross-breeding of Siberian dairy cattle]. Sotsialist. Sel'sk. Khoz. 16(3): 51-53. Mar. 1945. 281.8 So73

- 11817 VAN DEVENTER, R. L. Delicious Wonder... candidate for "the greatest cow" in annals of breed. Jersey B. 64: 889. July 5, 1945. 43.8 J48

- 11818 VON ROEDER, R. J., JR. A Texan visits Herefordshire. Cattleman 32(2): 22, 38-40. July 1945. 49 C29

- 11819 WEAVER, C. W. The American Brahman as a beef breed. Tex. Livestock J. 4(6): 71, 73. June 15, 1945. 49 T29

- 11820 \*WILLE, R. Forschungsprobleme der unfruchtbarkeit des rindes. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 346-348. Dec. 4, 1943. 41.8 D482

- 11821 WILLS, R. N. Artificial insemination for Maryland. Md. Farmer 29(7): 12. July 1945. 6 M362  
Dairy cattle.

#### Feeds and Feeding

- 11822 AICHER, L. C., CAMPBELL, C. W., and WEBER, A. D. Influence of winter gains upon ultimate returns from wintering and grazing choice quality feeder yearlings. Kans. Stockman 30, i. e. 29(9): 12-13. July 1945. 49 K134

- 11823 ANDRADE, B. M. DE. Reserva forrageira para o inverno. Rev. dos Criadores 16(5): 20, 22-23. (To be cont.) May 1945. 43.8 R32  
Mainly about dairy cattle.

- 11824 \*ANDREU, J. Lo que come una becerra para hacerse vaca. Agricultura [Madrid] 14: 170-175. Apr. 1945. 15 Ag84

- 11825 BECHTEL, H. E., and others. Sorghum feeds for dairy cattle. I. The effects of restricting lactating cows to Atlas sorgho rations. J. Dairy Sci. 28: 531-544. July 1945. Ref. 44.8 J822  
F. W. Atkeson, M. Koger, J. S. Hughes, W. J. Peterson, and W. W. Thompson, joint authors.



- 11826 BERGH, W. F. Feeding in relation to production costs. *So. African Dairyman* 7: 122. June 1945. 44.8 So822  
Autumn and winter feeding of dairy cattle.
- 11827 BISWELL, H. H. Range cattle need adequate yearlong nutrition. *Forest Farmer* 4(10): 6, 8. July 1945. 99.8 F7692  
Combining pasture with forest grazing
- 11828 \*BLIN, H. Le rationnement des vaches laitières en stabulation hivernale. *Rev. des Agr. de France* 76: 4-5. Jan. 1944. 14 R325
- 11829 CONNELL, W. E., and TOM, R. C. Soybean meal increased gains in cattle wintering, grazing, and fattening tests. *Colo. Farm B. [Colo. Sta.]* 7 (5): 5-8. May/June 1945. 100 C71S
- 11830 \*DRAGHETTI, A., PANTOLI, B., and VICINI, C. Sull'impiego integrale della produzione secca del granturco da seme nell'alimentazione del bestiame bovino. *Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr.* 22: 26-39. Mar./June 1942. 16 N92
- 11831 DUCK, R. W. Feeding and fattening beef cattle. *Rural New-Yorker* 104: 346. July 1945. 6 R88
- 11832 ECKLES, C. H. Las exigencias nutritivas de las terneras durante el crecimiento. *Campo [Gua-dalajara]* 13: 89-90. May 1945. 8 G75  
Dairy calves.
- 11833 FRANCIS, K. Y. The cow and the accountant. *Canad. Business* 18(7): 27, 80, 98. July 1945. 287 C162  
Effect of feeding on milk production.
- 11834 GREEN, J. One-year leys for milk. *Gt. Brit. Min. Agr. Agriculture* 52: 106-109. June 1945. 10 G79J
- 11835 HUFFMAN, C. F. Role of minerals in the nutrition of dairy cattle. (Abs.) *Milk Dealer* 34 (10): 116. July 1945. 44.8 M595
- 11836 \*ITALIA AGRICOLA. Numero speciale dedicato all'alimentazione del bestiame. *Ital. Agr., v. 78, No. 4, p. 220-346.* Apr. 1941. 16 I11  
Contents: I mangimi dell'azienda agraria e quelli fuori dell'azienda, by V. Vezzani; Precisazioni sul valore nutritivo dei mangimi, by B. Maymone; I mangimi concentrati, by E. Ferrari; Trasformazioni e preparazioni dei mangimi, by E. Borgioli; Impianti industriali e disciplina della produzione dei mangimi composti, by A. Ramponi; I mangimi composti nell'alimentazione: (a) dei bovini da carne, by R. Giuliani - (b) della vacca da latte, by V. de Carolis - (c) dei vitelli, by A. Cugnini - (d) dei maiali, by M. Guardasoni.  
Limited mainly to feeds for cattle and swine.
- 11837 \*LANDER, P. E., and DHARMANI, L. C. Some digestibility trials on Indian feeding stuffs. XII. Oilseeds, cakes and some food grains. *Indian J. Vet. Sci. and Anim. Husband.* 14: 13-20. Mar. 1944. 41.8 In22  
Heifers.
- 11838 \*LEROY, A. M. Comment engraisser les bovins à l'étable, au cours de la prochaine campagne? *Rev. des Agr. de France* 73: 293-294. Oct. 1941. 14 R325  
Includes costs and returns.
- 11839 \*LLARENA, S. DE. Alimentación de la vaca lechera. *Agr. Levantino* 10(116): 6-8. July 1944. 15 Ag85
- 11840 LONG, C. C. Feeding and fitting pay sale-ring dividends. *Amer. Hereford J.* 36(5): 260. July 1, 1945. 43.8 Am32
- 11841 MARTIN, G. L. How to feed cattle for profit. *Your Farm* 3(10): 90-96. Aug. 1945. 6 Y8  
Beef cattle.
- 11842 MAYNARD, J. Beet Belt fattening of cattle shows good returns. *Through the Leaves* 33(3): 24-26. May/June 1945. 66.8 T41  
Includes costs and returns.
- 11843 MEANS, R. E. Cottonseed meal or cake for finishing beef calves. *Miss. Farm Res. [Miss. Sta.]* 8(6): 2. June 1945. 100 M69M1
- 11844 OTTY, M. G. A community pasture in New Brunswick. *Family Herald and Weekly Star* 76(27): 10. July 4, 1945. 7 F21  
Beef cattle.
- 11845 REAKES, G. R. Too good to be grazed. *Farmers Weekly [London]* 22(26): 24. June 29, 1945. 10 F2226  
Dairy cattle on pasture.
- 11846 SEATH, D. M., BRANTON, C., and GROTH, A. H. Effect of feeding iodinated casein on production and health of milking cows. *J. Dairy Sci.* 28: 509-517. July 1945. 44.8 J822  
Iodinated casein in the form of Protamone was used.
- 11847 SMITH, J. Feeding sale heifers. *Amer. Hereford J.* 36(5): 234. July 1, 1945. 43.8 Am32
- 11848 \*STOECKEL, R., and LEROY, A. M. Améliorons la production du lait par une alimentation appropriée du bétail. *Rev. des Agr. de France* 72: 220-222. Dec. 1940. 14 R325
- 11849 TUMMON, C. R. Hints on dairy calf feeding. *Queensland Agr. J.* 60: 233-234. Apr. 1945. 23 Q33
- 11850 TUSTIN, E. B., JR. The influence of salt in the ration of dairy cows. *Natl. Butter and Cheese J.* 36(7): 80-82. July 1945. 286.85 B93Bu

## Veterinary Medicine

- 11851 ALICATA, J. E. Fluke treatment, here's how. *Hawaii Farm and Home* 8(7): 28-29, 31. July 1945. 25 H3191  
Liver fluke in cattle treated with hexachloroethane
- 11852 AULT, C. N. Nematodes parásitos de los bovinos y ovinos en la Argentina. Segunda Nota. *Rev. de Med. Vet. [Buenos Aires]* 26: 497-509. Nov./Dec. 1944. 41.8 B86
- 11853 BARKER, M. Bovine tuberculosis eradication in Canada. *U. S. Livestock Sanit. Assoc. Proc.* (1944) 48: 206-207. 1945. 49.9 Un3R
- 11854 BIRCH, R. R., GILMAN, H. L., and STONE, W. S. The immunity created by vaccination of calves with Brucella strain 19. *U. S. Livestock Sanit. Assoc. Proc.* (1944) 48: 32-41. 1945. 49.9 Un3R  
Also in *Cornell Vet.* 35: 110-122. Apr. 1945. 41.8 C81
- 11855 BRYCE, D. Penicillin for mastitis. *Milk Prod. [Houston]* 10(6): 1, 11. July 1945. 44.8 M5993
- 11856 \*CUBONI, E. Ancora sulla diagnosi di gravidanza nella specie bovina mediante la ricerca degli ormoni sessuali nel siero di sangue. *Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr.* 22: 63-68. Mar./June 1942. 16 N92
- 11857 D'APICE, M. Tratamento da pneumonia dos bezerros. *Rev. dos Criadores* 16(5): 17-18, 20. May 1945. 43.8 R32
- 11858 EIRE. DEPT. OF AGRICULTURE. Mastitis or mammitis in cattle. *Eire. Dept. Agr. Leaflet* 113, 5 p. Dublin, 1945. 10.5 Ir42  
Includes therapy.
- 11859 EIRE. DEPT. OF AGRICULTURE. Milk fever in cattle. *Eire. Dept. Agr. Leaflet* 107, 3 p. Dublin, 1945. 10.5 Ir42
- 11860 FARQUHARSON, J. Control of mastitis. *Agr. Leaders' Digest* 26(6): 22, 24, 27. July 1945. 275.28 Am3
- 11861 GAALAAS, R. F. Effect of atmospheric temperature on body temperature and respiration rate of Jersey cattle. *J. Dairy Sci.* 28: 555-563. July 1945. 44.8 J822
- 11862 GILDER, R. P. Gastro-intestinal parasites in calves. *New Zeal. J. Agr.* 70: 413, 415. Apr. 16, 1945. 23 N48J
- 11863 \*GOTZE, R. Behandlung der aktinomykose des rindes. I. Bisherige therapie. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 51/49: 340-341. Dec. 4, 1943. 41.8 D482
- 11864 GRIST, E. A. Actinomycosis and actinobacillosis. *Cattleman* 32(2): 28, 30. July 1945. 49 C29



- 11865 HARING, C. M., and TRAUM, J. Further results from vaccination with strain 19. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 58-62. 1945. 49.9 Un3R  
Concerning cattle.
- 11866 HIBBS, J. W., and others. A report on the occurrence of ricketts in calves under farm conditions. J. Dairy Sci. 28: 525-529. July 1945. 44.8 J822  
W. E. Krauss, C. F. Monroe, and W. D. Pounden, joint authors.
- 11867 HURT, L. M. Status of tuberculosis control in Los Angeles County during war time. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 203-205. 1945. 49.9 Un3R  
Limited to cattle.
- 11868 INCIARTE, R. Estimación de los daños de la pasada epidemia de aftosa expresada en la merma de la producción de leche en la cuenca lechera de Cona-prole. Asoc. de Ingen. Agron. Rev. 17(1): 35-42. Mar. 1945. 290.9 As73  
In Uruguay.
- 11869 IYER, P. R. K. Tuberculosis in buffaloes. Indian J. Vet. Sci. and Anim. Husb. 14: 100-105. June 1944. 41.8 In22
- 11870 JAQUETTE, D. S., KLECKNER, A. L., and KLEIN, L. A. Sulfapyridine in the treatment of bovine mastitis and its effect on mastitis streptococci and staphylococci. Pa. U. School Vet. Med. Vet. Ext. Q., No. 99, p. 3-10. June 16, 1945. 41.9 P386
- 11871 JOHNSON, S. D. Permanently drying off diseased quarters. Cornell Vet. 35: 158-166. Apr. 1945. 41.8 C81  
Methods for udder treatment of cows, especially those suffering from mastitis.
- 11872 KLUSSENORF, R. C. Mastitis and the practitioner. Cornell Vet. 35: 81-87. Apr. 1945. 41.8 C81  
In cattle.
- 11873 LENTZ, W. J. Anatomical memoranda on the udder of the cow. Pa. U. School Vet. Med. Vet. Ext. Q., No. 99, p. 11-17. June 16, 1945. 41.9 P386
- 11874 LUNDQUIST, N. S. Nutrition and calf scours. Washcoegg 23(2): 14-15. July 1945. 47.8 W27
- 11875 \*MACGREGOR, A. D. A preliminary note on cutaneous rinderpest. Indian J. Vet. Sci. and Anim. Husb. 14: 56-58. Mar. 1944. 41.8 In22
- 11876 MASTITIS panel. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 143-164. 1945. 49.9 Un3R  
R. B. Little, chairman.
- 11877 MILLER, A. W., WIGHT, A. E., and CRAWFORD, A. B. Report of cooperative brucellosis control work in the United States. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 48-57. 1945. 49.9 Un3R  
Limited to cattle.
- 11878 MORGAN, B. B. Recent trends in the diagnosis of bovine trichomoniasis. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 116-120. 1945. 49.9 Un3R
- 11879 MURPHY, J. M., and FFAU, K. O. The value of local injections of penicillin sodium in the treatment of streptococcusagalactiae infection and mastitis in cows. Cornell Vet. 35: 88-103. Apr. 1945. 41.8 C81
- 11880 \*PADMANABHAN, C. V. Creating a malady simulating haemorrhagic septicaemia by malicious method. Indian Vet. J. 21: 430-431. May 1945. 41.8 In2  
Malicious poisoning of cattle with the juice of Calotropis gigantea.
- 11881 PISTOR, W. J. Dairy disease control. Ariz. Farmer 24(13): 26. July 14, 1945. 6 Ar44
- 11882 PRIOR, R. Penicillin for mastitis. Skagit Co-op Dairyman 22(11): 18. July 1945. 280.28 Sk1
- 11883 \*PRÖSCHOLDT, O. Vakzination bei kuhpocken. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 46-47. Jan. 29, 1944. 41.8 D482
- 11884 RAMIREZ M., J. Conocimientos utiles al ganadero; el parto. Campo [Guadalajara], 13: 83-88. May 1945. 8 G76
- 11885 ROGELIO GARCÍA, D. "Mancha" o carbunclo sintomatico de los terneros. Suelo Argentino 4: 350. June 1945. 9 Su2
- 11886 SANDERSON, C. J. Grass tetany; danger to cattle on lush pasture. Land [Sydney], No. 1744, p. 21. May 4, 1945. 23 L22
- 11887 \*SCHUMANN, P. Erfahrungen bei der bekämpfung des gelben galtes der kühe. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 42-44. Jan. 29, 1944. 41.8 D482
- 11888 SCOTT, K. Advantages of breeding livestock in a Bang's disease free state. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 45-47. 1945. 49.9 Un3R  
Limited to cattle.
- 11889 SMITH, H. C., and HOWELL, D. E. Hemoglobin tests on 175 cases anaplasmosis. Vet. Med. 40: 272-273. Aug. 1945. 41.8 M69  
In cattle.
- 11890 SNYDERS, S. L. Mortality amongst cattle and sheep caused by mangels. So. African Vet. Med. Assoc. J. 16(1): 10-12. Mar. 1945. 41.8 So8
- 11891 SPRIGGS, D. N. Double external os in cattle. Vet. J. 101: 138-143. June 1945. 41.8 V643  
As affecting fertility.
- 11892 STILES, G. W. The spread of anaplasmosis by contaminated instruments. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 93-97. 1945. 49.9 Un3R  
In cattle.
- 11893 STRAITON, E. C. Caesarean section in the heifer and cow. Vet. Rec. 57: 321-322. June 30, 1945. 41.8 V641
- 11894 \*STRERATH, O. Nachweis der trächtigkeit beim rinde. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 53-55. Jan. 29, 1944. 41.8 D482
- 11895 STUBBS, E. L. Studies on the allergic activity of Brucella abortus. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 63-67. 1945. 49.9 Un3R  
For diagnosing brucellosis in cattle.
- 11896 \*ULM, K. Zum artikel: "Erbbedingtheit und bekämpfung der rinderleukose" von F. J. Weischer. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 255. July 1, 1944. 41.8 D482
- 11897 \*VANCHESWARAN, S. Rinderpest and its control—a short résumé of the various methods employed in Madras Presidency. Indian Vet. J. 21: 410-414. May 1945. 41.8 In2
- 11898 \*VAN DEINSE, F. Modifications de la virulence du bacille tuberculeux bovin au cours des réensemencements successifs sur pomme de terre biliée. Inst. Pasteur [Paris], Ann. 66: 191-203. Mar. 1941. 448.3 An75
- 11899 \*VÉLAT, F. La vaginite des bêtes bovines. Rev. des Agr. de France 74: 14-15. Jan. 1942. 14 R325
- 11900 VERWEY, W. F. The stability of Brucella abortus vaccine desiccated by lyophilization. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 68-73. 1945. 49.9 Un3R  
In connection with cattle.
- 11901 \*VIANELLO, G. Efficacia del vaccino anti-aftoso all'anisol. Ital. Agr. 78: 195-200. Mar. 1941. 16 It1  
For cattle.
- 11902 WHEELER, W. J., VILJOEN, J. H. B., and ROB-INSON, E. M. An outbreak of severe stomatitis in cattle. So. African Vet. Med. Assoc. J. 16(1): 20-25. Mar. 1945. 41.8 So8
- 11903 WIGHT, A. E. Present status of bovine tuberculosis eradication program. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 208-211. 1945. 49.9 Un3R
- 11904 WILSON, L. V. Bang's disease control from the viewpoint of the [cattle] breeder. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 42-44. 1945. 49.9 Un3R



- 11905 WRIGHT, J. G. Observations on the clinical aspects of reproductive disorders in cattle. Vet. Rec. 57: 313-318. June 30, 1945. 41.8 V641  
Discussion, p. 318-320.

#### Miscellaneous

- 11906 CLARK, J. S. Interstate regulations from the viewpoint of the dairy cattle breeder. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 15-17. 1945. 49.9 Un3R
- 11907 DRYBREAD, W. Your bull is proved by his calves. Amer. Hereford J. 36(5): 218. July 1, 1945. 43.8 Am32  
Care of calves.
- 11908 \*EHRlich, G. Gesundheitsüberwachung der milchtierbestände durch planmässige einzelgemelkunter-suchungen. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 44-46. Jan. 29, 1944. 41.8 D482
- 11909 EIRE. DEPT. OF AGRICULTURE. Calf rearing. Eire. Dept. Agr. Leaflet 20, 11 p. Dublin, 1944. 10.5 Ir42
- 11910 ERNENWEIN, R. P. Better records for better bulls. Hoard's Dairyman 90: 422. Aug. 10, 1945. 44.8 H65
- 11911 FELLHAUER, T. Community action plus individual effort. Amer. Hereford J. 36(5): 184, 204. July 1, 1945. 43.8 Am32  
Advantages of breeders' organizations.
- 11912 FITZHUGH, H. A. Bexar County's fine beef cattle. Tex. Livestock J. 4(6): 43, 45, 47, 59. June 15, 1945. 49 T29
- 11913 GILL, J. Your auction; it means far more than a mere sale of some bulls and heifers. Amer. Hereford J. 36(5): 242. July 1, 1945. 43.8 Am32
- 11914 GOODWIN, J. P. Why exhibit yearling heifers? Farmer & Stock-Breeder 59: 929. June 12, 1945. 10 F228
- 11915 HEENDRIX, J. M. Three score and ten. V-VI. Cattleman 32(2): 19-21; (3): 17-18, 50-52, 55. July, Aug. 1945. 49 C29  
History of the Texas and Southwestern Cattle Raisers Association.
- 11916 HERBERT, H. Merit at Hooper Ranch. Plantation Stockman 2(11): 6-9, 20-22. July 1945. 49 P69  
Beef cattle.
- 11917 HOUCK, L. R. Start with the calf in conditioning cattle for sale. Amer. Hereford J. 36(5): 214. July 1, 1945. 43.8 Am32
- 11918 IF AND but - a symposium on heifers in the feedlot. Westerner 8(6): 14-15, 47-48. July 1945. 49 W522  
A general account.
- 11919 \*KAURA, R. L. Deterioration of cattle in certain parts of India and its probable causes with some practical suggestions to overcome them. Indian J. Vet. Sci. and Anim. Husband. 14: 132-145. June 1944. Ref. 41.8 In22
- 11920 KINGMAN, H. E. Why not more calves? Amer. Hereford J. 36(5): 51-55. July 1, 1945. 43.8 Am32  
Records to determine reproductive efficiency.
- 11921 \*LAUPRECHT, E. Rinderzucht. Jahrb. f. Wiss. u. Prakt. Tierzucht 32: 120-158. 1944. 442.8 J192  
Note particularly the bibliography, p. 134-158.
- 11922 LEES, A. B. 1,000 steer calves relieved; how the Devon Beef Panel is rearing 12 calves per cow. Farmer & Stock-Breeder 59: 930. June 12, 1945. 10 F228
- 11923 LLOYD, E. W. Great Britain's dairy herds. Field 185: 501. May 19, 1945. 10 F45
- 11924 LUMESON, S. Learning to milk. Farmer's Mag. 42(7): 21. July 1945. 7 C165
- 11925 \*M. Der melker und die reinlichkeit. Schweiz. Milchztg. 71: 235. June 26, 1945. 44.8 Sch92
- 11926 MABERRY, M. Early growth builds future worth. Amer. Hereford J. 36(5): 226. July 1, 1945. 43.8 Am32
- 11927 MCWILLIAM, A. J. Getting them ready for that first sale. Amer. Hereford J. 36(5): 202. July 1, 1945. 43.8 Am32
- 11928 MOLLIN, F. E. Interstate movement of livestock from the viewpoint of the beef cattle breeder. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 6-10. 1945. 49.9 Un3R
- 11929 MORRISON, S. R. Management can make or break the herd. Amer. Hereford J. 36(5): 106, 118. July 1, 1945. 43.8 Am32
- 11930 OAKLEY, J. E. Selling cattle. Tex. Livestock J. 4(4): 40-42. Apr. 15, 1945. 49 T29
- 11931 \*PARISI, O. Necessità di un metodo semplice e pratico di mungitura. Ital. Agr. 79: 585-589. Nov. 1942. 16 It1
- 11932 \*PASSERINI, G. La valutazione del bestiame bovino nelle rassegne zootecniche toscane. Ital. Agr. 78: 21-29. Jan. 1941. 16 It1
- 11933 PEGG, S. E. An improvement plan for dairy farms. Queensland Agr. J. 60: 231-232. Apr. 1945. 23 Q33
- 11934 PETERSEN, W. E. Cow psychology and sociology. Calif. Dairyman 25(11): 14-15, 18-19. July 7, 1945. 44.8 C12
- 11935 ROEMER, E. Checking up bossy; dairy breeders find type classification pays. Westerner 8(6): 13. July 1945. 49 W522
- 11936 RUPEL, I. W. Preparing the calf for the show ring. Hoard's Dairyman 90: 394, 401. July 25, 1945. 44.8 H65
- 11937 SASMAN, L. M. Junior dairy herd testing in Wisconsin; how it supplements the work of the Dairy Herd Improvement Ass'n. Better Farming Methods 17(6): 16-18. July/Aug. 1945. 58.8 B46
- 11938 SMITH, V. R., and WERNER, G. M. Milking the cow. Milk Prod. [Houston] 10(6): 1, 11. July 1945. 44.8 M5993
- 11939 \*STAYMAN, S. J. The importance of treatment for improving the dairy herd. (In Hebrew.) Hassadeh 25: 229-230. Apr. 1945. 26 H27
- 11940 \*SUKHATME, P. V. Note on the method of calculating sire index for milk production in cattle. Indian J. Vet. Sci. and Anim. Husband. 14: 114-123. June 1944. 41.8 In22
- 11941 THOMPSON, A. W. Recollections of the 1880's open range cattle raising debacle. Cattleman 32(2): 15-16, 40-45. July 1945. 49 C29
- 11942 TURK, K. L. Hold up mid-summer milk production. Dairymen's League News 29(15): 6, 16. July 17, 1945. 44.8 D1432
- 11943 TURNER, J. Preparation pays; future usefulness should be kept in mind when getting cattle ready for auction. Amer. Hereford J. 36(5): 198. July 1, 1945. 43.8 Am32
- 11944 TURNER, J. N. Efficiency in the milking shed. Farmers Weekly [London] 23(1): 24. July 6, 1945. 10 F2226
- 11945 TURNER, T. H. More milk by better management. Gt. Brit. Min. Agr. Agriculture 52: 109-112. June 1945. 10 G79J
- 11946 \*V., A. O peregone skota [Concerning the driving of cattle]. Veterinarifä 21(2/3): 6-7. Feb./Mar. 1944. 41.8 V6426  
Responsibilities of workers associated with veterinarians in driving cattle back into the liberated regions of the U. S. S. R.
- 11947 \*WARNER, J. N. A suggestion in terminology. Indian Farming 5: 569-570. Dec. 1944. 22 In283  
Designation of the female buffalo and dairy cow.
- 11948 WHITE, H. H. No herd so good that it should not be culled. West. Live Stock 30, 1. e. 31(12, 1. e. 1): 48. July 1945. 49 W523  
Beef cattle.
- 11949 WORNER, W. J. Timely tips on auction selling. Amer. Hereford J. 36(5): 166, 168. July 1, 1945. 43.8 Am32



11950 YOUNG, J. A. Milk production in Northern Ireland. *Gt. Brit. Min. Agr. Agriculture* 52: 145-151. July 1945. 10 G79J

## DOGS AND CATS

### Breeds and Breeding

11951 FOSTER, J. C., JR. Breeding lore; what do we inherit? *Amer. Field* 144: 41. July 21, 1945. 410 Am3

Applied to dogs.

11952 SMITH, A. C. The Elkhound. *Field* 185: 507. May 19, 1945. 10 F45

11953 SMITH, A. C. Spaniels for water. *Field* 186: 559. June 2, 1945. 10 F45  
Irish Water Spaniel.

### Feeds and Feeding

11954 RADELEFF, R. D. Evidence of an anti-vitamin factor in raw mutton and chevon. *Vet. Med.* 40: 280. Aug. 1945. 41.8 M69  
Vitamin B added effectively to dog's rations.

### Veterinary Medicine

11955 BRUECKNER, A. L. The control of the recent outbreak in dogs of rabies in Maryland. *U. S. Livestock Sanit. Assoc. Proc.* (1944) 48: 78-81. 1945. 49.9 Un3R

11956 COWIE, D. B., and others. Localization of radioactive antimony following multiple daily injections to a dog infected with *Dirofilaria immitis*. *Wash. Acad. Sci. J.* 35: 192-195. June 15, 1945. 500 W276J

A. H. Lawton, A. T. Ness, F. J. Brady, and G. E. Ogden, joint authors.

11957 FREAN, J. R. Successful treatment of a case of strychnine poisoning in a dog with morphia and nembutal. *So. African Vet. Med. Assoc. J.* 16(1): 25-26. Mar. 1945. 41.8 So8

11958 HOPFER, H. D. Some dog neoplasms. *Cornell Vet.* 35: 137-147. Apr. 1945. 41.8 C81

11959 MCDANIELS, J. S., HENDERSHOTT, R. A., and SMILLIE, E. W. The history and administration of dog licensing act and its value in the control of rabies in New Jersey. *U. S. Livestock Sanit. Assoc. Proc.* (1944) 48: 82-87. 1945. 49.9 Un3R

11960 MANSFIELD, N. E. Lymphocytoma in a 15-month-old Dalmatian bitch. *Vet. Med.* 40: 282. Aug. 1945. 41.8 M69

11961 NELSON, J. M. Renal tumor of a dog. *Vet. Student* 7: 234-235. Spring 1945. 41.8 V6425

11962 NORTON, R. E. Edema of the head and neck as a result of primary mediastinal fibrosarcoma in a dog. *Vet. Student* 7: 231. Spring 1945. 41.8 V6425

11963 PHILLIPS, J. M. "Pig jaw" in Cocker Spaniels; retrognathia of the mandible in the Cocker Spaniel and its relationship to other deformities of the jaw. *J. Hered.* 36: 177-181. June 1945. 442.8 Am3

11964 QUICK, H. L. Myeloid leukemia of the dog. *Vet. Student* 7: 232-233. Spring 1945. 41.8 V6425

11965 STARCH, P. F. Some diseases of dogs and cats transmissible to man. *Vet. Student* 7: 204-206, 216-218. Spring 1945. 41.8 V6425

11966 TURPENTINE and veterinary uses. By Deedie. *Standard Rabbit J.* 18(11): 4. Aug. 1945. 40.28 St2

Also in *All-Pets Mag.* 16(15): 23. Aug. 1945. 48.8 AL5

Therapeutic use for diseases and parasites of dogs.

11967 \*VENKATANARUSU, G. 'Babesia gibsoni' and treatment with Novarsenobillon. *Indian Vet. J.* 21: 436. May 1945. 41.8 In2

11968 \*VERGE, J., and SENTHILLE, F. Recherches sur la fréquence des différents types de bacilles tuberculeux dans l'infection spontanée du chat. *Inst. Pasteur Paris, Ann.* 68: 114-117. Feb. 1942. 448.3 An75

### Miscellaneous

11969 GILBERT, O. E. The cat of the past and the present. *All-Pets Mag.* 16(14): 29-30. July 1945. 48.8 AL5

11970 GILBERT, O. E. Cats and their ears. *All-Pets Mag.* 16(14): 35. July 1945. 48.8 AL5  
Their care.

11971 HENSLEY, G. Training the farm sheep dog. *So. Austral. Dept. Agr. J.* 48: 396-397. Apr. 1945. 23 So84

11972 OWENS, W. H. Pastores de cuatro patas. *Res* 13: 17517. June 5, 1945. 286.85 R31  
Working dogs.

11973 SMITH, A. C. Geese or swans? *Field* 185: 531. May 26, 1945. 10 F45  
Judging dogs.

11974 SWANSON, L. C. Bill to control cats arouses protests. *All-Pets Mag.* 16(14): 29. July 1945. 48.8 AL5

Introduced by the Illinois Legislature.

## HORSES AND MULES

### Breeds and Breeding

11975 \*AVELINE, L. Le Perche aux bons chevaux. *Rev. des Agr. de France* 74: 9. Jan. 1942. 14 R325

11976 BELL, W. H. Who does have the best Quarter Horse in the world. *Ranchman* 5(4): 28-29. Aug. 1945. 49 R15

11977 BRITTON, J. W., and HOWELL, C. E. Observations on sterility. *Vet. Med.* 40: 264-268. Aug. 1945. 41.8 M69

In thoroughbred brood mares.

11978 CASARES, P. N. La cría del Percheron en la Argentina. *Rev. Ganad.* [Buenos Aires] 25: 186. May 15, 1945. 49 R32

11979 \*CASTELBAJAC, DE. Le cheval anglo-normand. *Rev. des Agr. de France* 73: 295-296. Oct. 1941. 14 R325

11980 \*FLORET. Situation du cheval ardennais. *Rev. des Agr. de France* 73: 173-174. June 1941. 14 R325

11981 MICHAELIS, H. What is a purebred Quarter Horse? *Tex. Livestock J.* 4(6): 101-102, 109. June 15, 1945. 49 T29

11982 \*MISHAREV, A. Ob adaevskoi lozhadi [Concerning the "Adaev" horse]. *Sotsialist. Sel'sk. Khoz.* 16(3): 54-55. Mar. 1945. 281.8 So73  
Descendant of the "Kazak" or Kirghiz horse.

11983 \*RICHARD, P. Importance et situation de l'élevage du pur-sang en France. *Rev. des Agr. de France* 73: 132-133. May 1941. 14 R325

Limited to horses.

11984 \*VISOKU, V. S. L'avvenire del cavallo Sardo-Arabo in Albania. *Ital. Agr.* 79: 111-116. Feb. 1942. 16 It1

11985 W., J. F. The value of a study of bloodlines in thoroughbred breeding. *Don Henderson's Natl. Horse Roster*, No. 6, p. 12, 23. July/Aug. 1945. 42.8 D71

### Feeds and Feeding

11986 DALY, J. Making hay whether the sun shines or not. New curing process saves vitamins in feed and may change quality of U. S. horses. *Thoroughbred Rec.* 142(1): 14. July 7, 1945. 42.8 T39

### Veterinary Medicine

11987 ARNOLD, J. R. An abscess in the mandibular area of the horse. *Vet. Student* 7: 232. Spring 1945. 41.8 V6425

11988 \*BRESSOU, C. Le diagnostic précoce de la gestation chez la jument. *Acad. d'Agr. de France. Compt. Rend.* 29: 26-28. Jan. 6/12, 1943. 14 P215Bc

11989 BRITTON, J. W. Foot contractions in horses. *Thoroughbred* 4(15): 20, 39. July 1945. 42.8 T393



- 11990 \*BURDENIUK, A. F. Ognestrel'nye raneniiia lopatki [Fire-arm wounds of the scapula]. Veterinarniia 21(2/3): 24-26. Feb./Mar. 1944. 41.8 V6426  
In horses.
- 11991 CARNEIRO, V. Comportamento do virus da encefalomielite infecciosa do cavalo por inoculação na membrana corioalantoide de embrião de marreco. Inst. Biol., São Paulo. Arq. 15: 331-338. 1944. 442.9 Sa6  
English summary.
- 11992 CARNEIRO, V. Estudos de imunidade cruzada entre o virus brasileiro da encefalomielite infecciosa do cavalo e os virus americanos — pelas provas de soro-neutralização. Inst. Biol., São Paulo. Arq. 15: 209-238. 1944. Ref. 442.9 Sa6  
English summary.
- 11993 CHIEFFI, A. O Brasil precisa de bons equídeos. Rev. dos Criadores 16(5): 28-31. May 1945. 43.8 R32  
Anatomical study of posterior extremities.
- 11994 CLARK, D. D. Teratoma of the testicle in the horse. Vet. Med. 40: 283-284. Aug. 1945. 41.8 M69  
Description of the operation.
- 11995 GIBSON, T. E. The effect of small repeated doses of phenothiazine on strongylid infestation in the horse. Vet. Rec. 57: 301-303. June 23, 1945. 41.8 V641
- 11996 \*GOLIKOV, A. N. Dvupolostnoi bursit u loshadei [Bursitis in the horse]. Veterinarniia 21(2/3): 35-36. Feb./Mar. 1944. 41.8 V6426
- 11997 INNES, J. L. Dental involvements in the equine. Vet. Student 7: 235. Spring 1945. 41.8 V6425
- 11998 \*KHARCHENKO, M. D. Lechenie oslozhnennykh ran u loshadei transplantatsiei leukotsitov po metodu professora G. K. Khrushchova [Treatment of wound complications in horses by transplanting leukocytes according to the method of Professor G. K. Khrushchev]. Veterinarniia 21(2/3): 28. Feb./Mar. 1944. 41.8 V6426
- 11999 \*KONONOK, A. Immobilizatsiia shina dlia konechnostei loshadei [Immobilizing splint for horse's extremities]. Veterinarniia 21(2/3): 32-35. Feb./Mar. 1944. 41.8 V6426
- 12000 \*KRAGE, P. Druse-diphtherie bei fohlen in Ostpreussen. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 49-50. Jan. 29, 1944. 41.8 D482
- 12001 \*KUST, D., SCHAETZ, F., and MUSSEL, H. Die behandlung der erkrankten gebärmutter der stute mit Surfen-jod-gemisch. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 245-248. July 1, 1944. 41.8 D482
- 12002 LEWIS, R. V. Atrophy of the supraspinatus and infraspinatus muscles in a young colt. Vet. Student 7: 233-234. Spring 1945. 41.8 V6425
- 12003 LUACES A., J. L. Encefalomieltis infecciosa equina. Rev. Canad. [Habana] 5(3/4): 48, 49. Mar./Apr. 1945. 49 R321  
Mainly concerning transmission to man.
- 12004 MCCUNN, J. Castor-bean poisoning in horses. Vet. J. 101: 136-138. June 1945. 41.8 V643
- 12005 \*MAGDA, I. I. O provodnikovoï anestezii iazyka loshadei [Concerning conduction anesthesia of a horse's tongue]. Veterinarniia 21(2/3): 29-31. Feb./Mar. 1944. 41.8 V6426
- 12006 \*MEDVEDEV, I. D. Etapnoe lechenie pronikalushchikh ran grudi u loshadei [Order of treatment of chest penetrating wounds in the horse]. Veterinarniia 21(2/3): 18-23. Feb./Mar. 1944. 41.8 V6426
- 12007 \*MEDVEDEV, I. D. O perelivanii nesovmestnoi krvi u loshadei [Incompatible blood transfusion in horses]. Veterinarniia 21(11/12): 38. Nov./Dec. 1944. 41.8 V6426
- 12008 \*MINETT, F. C. Climatic factors as related to the incidence of equine strangles in India. Indian J. Vet. Sci. and Anim. Husb. 14: 75-94. June 1944. 41.8 In22
- 12009 \*MINETT, F. C. The problem of equine strangles in India. Indian J. Vet. Sci. and Anim. Husb. 14: 1-12. Mar. 1944. 41.8 In22
- 12010 MOREIRA, J., and FLORENCE, C. H. Osteofibroose dos equídeos no Brasil; "cara inchada." Inst. Biol., São Paulo. Arq. 15: 263-288. 1944. 442.9 Sa6  
Ten plates follow text.  
English summary.
- 12011 \*MURATOV, S. I. K differentsial'noi diagnostike infektsionnoi anemii loshadei i gemosporidiozov [On the differential diagnosis of infectious anemia in horses and Haemosporidia]. Veterinarniia 21(11/12): 32-34. Nov./Dec. 1944. 41.8 V6426
- 12012 PRIETO, C., and PIRES, A. A propósito de la rhinosporidiosis; presentación de un caso en un caballo. Gac. Vet. 6: 323-336. Nov./Dec. 1944. 41.8 G112
- 12013 \*PROTASOV, A. I. Antiviruso-spirito-streptotsidnaia terapiia myta u loshadei [Antivirus-alcohol-streptocide therapy of strangles in horses]. Veterinarniia 21(2/3): 13-14. Feb./Mar. 1944. 41.8 V6426
- 12014 \*ROLLE, M. Anwendung von wurmmitteln gegen strongyliden beim pferd. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 248-249. July 1, 1944. 41.8 D482
- 12015 \*ROZHKOV, G. I., and KAZAKOV, KH. SH. Faktor mestnosti i infektsionnaia anemiia loshadei. Veterinarniia 21(2/3): 10-13. Feb./Mar. 1944. 41.8 V6426  
Lack of calcium in soil and water as a factor in the presence of infectious anemia in horses.
- 12016 \*SALIKOV, M. I. Novoe kormovoe zabolevanie loshadei i krupnogo rogatogo skota [New feed disease in horses and in large horned cattle]. Veterinarniia 21(2/3): 41-43. Feb./Mar. 1944. 41.8 V6426  
Due to the presence of Claviceps paspalia in the forage plants of western Georgia, U. S. S. R.
- 12017 SANDERSON, C. J. Lameness in horses most difficult to diagnose. Land [Sydney], No. 1743, p. 18, 23. Apr. 27, 1945. 23 L22
- 12018 SANDERSON, C. J. Tetanus (lockjaw) in horses and sheep. Land [Sydney], No. 1746, p. 21. May 18, 1945. 23 L22
- 12019 \*SCHAETZ, F. Ein beitrag zur frage der entstehung von gasödem nach injektion. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 366-367. Dec. 18, 1943. 41.8 D482  
Concerning horses.
- 12020 \*SELLNICK, K. Erfahrungen mit dem neuen narkosemittel R 1248 U (Rapidorm). Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 365-366. Dec. 18, 1943. 41.8 D482  
For horses.
- 12021 \*SPITZ, G. Le traitement hormonal de la cryptorchidie inguinale chez le cheval. Acad. d'Agr. de France. Compt. Rend. 28: 328-333. Mar. 11, 1942. 14 P215Bc  
Introductory discussion by M. Piettre, p. 325-328.
- 12022 TABUSSO, M. E. Sobre el virus autoctono de la encefalo-mielitis equina peruana. Agronomia [Lima], 9(38): 57-59. Oct. 1944. 9.8 Ag83
- 12023 \*VELLER, A. A., and LITVINOV, N. A. Lechenie ran autoanavaktsinami [Treatment of wounds with autogenous vaccines]. Veterinarniia 21(2/3): 26-28. Feb./Mar. 1944. 41.8 V6426  
In horses.
- 12024 WADDINGTON, F. G. Operative treatment of a case of recurrent upward luxation of the patella of the horse. Vet. Rec. 57: 348. July 21, 1945. 41.8 V641
- 12025 WELCH, H. Sleeping sickness in horses. Mont. Farmer 32(22): 18. July 15, 1945. 6 M764



Miscellaneous

- 12026 BOTTOMLEY, C. Aussie horses join U. S. Army. Cavalry J. 54(4): 26-27. July/Aug. 1945. 42.9 Un3  
Describes care and training.
- 12027 FERGUSON, O. F. A tip or two on horse dealers. Vt. Horse and Bridle Trail B. 9: 109-110. July 1945. 42.8 V59
- 12028 GREENSIDE, F. C. The horse's coat in spring, summer, autumn and winter. Vt. Horse and Bridle Trail B. 9: 105-106. July 1945. 42.8 V59  
In "Essays on Horse Subjects."
- 12029 GUARD, W. F. A horse is no better than its feet. Farm and Ranch 64(7): 26. July 1945. 6 T31
- 12030 \*GUNTHER. Über die zubereitung der hufe des pferdes zum beschlag. Deut. Tierärztl. Wchn-schr./Tierärztl. Rundschau 52/50: 250. July 1, 1944. 41.8 D482
- 12031 HUNGERFORD, T. G. The breaking, training and handling of horses. Agr. Gaz. N. S. Wales 56: 221-225, 234. (To be cont.) May 1, 1945. 23 N472
- 12032 JOHNSON, T. J. If they'd only had horses. Blood Horse 44: 16-19, 24. July 7, 1945. 42.8 T392  
Value of horses in war.
- 12033 MUJICA, O. E. Caballo de tropa para la caballería, en Chile. Rev. de Med. Vet. [Buenos Aires] 26: 557-568. Nov./Dec. 1944. 41.8 B86
- 12034 ROSS, D. Amansamiento del potrillo. Aberdeen Angus [Buenos Aires], No. 26, p. 97-99. Autumn 1945. 43.8 Ab33
- 12035 \*SHNELL, K. N. Sokrashchennafâ terminologîa nog lozhadi. Veterinarifâ 21(2/3): 37. Feb./Mar. 1944. 41.8 V6426  
Shortened terminology for designating horse's legs.
- 12036 SINCLAIR, J. B. Stubborn as a mule. Our Dumb Anim. 78: 130. July 1945. 48.8 Ou7  
War use.
- 12037 \*VOGEL, H. Pferdezucht. Jahrb. f. Wiss. u. Prakt. Tierzucht 32: 93-119. 1944. 442.8 J192  
Note particularly the bibliography, p. 103-119.
- 12038 WOODWARD, H. C. Animal transport training in India. Cavalry J. 54(4): 23-25. July/Aug. 1945. 42.9 Un3

POULTRYBreeds and Breeding

- 12039 ASMUNDSON, V. S. A triple-allele series and plumage color in turkeys. Genetics 30: 305-322. July 1945. Ref. 442.8 G28
- 12040 BARLEY, H. D. Which is the best breed? Poultry World 76: 289. June 22, 1945. 47.8 P8682
- 12041 BARTLING, C. A. The English Barb [pigeon]. All-Pets Mag. 16(14): 49. July 1945. 48.8 AL5
- 12042 BLACKWELL, H. L. Building a strain of poultry. Mod. Poultry Keeping 53: 28-29. July 11, 1945. 47.8 Eg3
- 12043 BONALUME, W. L. O pombo corrêio. Fauna [São Paulo] 4(3): 36. Mar. 1945. 410 F272  
Description of different breeds.
- 12044 COAD, W. H. Practical research is required. Poultry [London] 97: 25. July 10, 1945. 47.8 P869  
Concerning breeding.
- 12045 COOPER, M. That "standard of perfection." ...Always minor details to be improved upon. Poultry Press 31(18): 3. July 12, 1945. 47.8 P8643
- 12046 EVANS, J. The [Black] Orpington. Poultry Press 31(18): 3. July 12, 1945. 47.8 P8643
- 12047 FLANAGAN, J. Stamina of [poultry] breeding stock. Tasmanian Farmer 8(7): 9-10. Apr. 1945. 23 T186
- 12048 GRISOLIA, E. Cría de gansos. Campo [Buenos Aires] 29(343): 52-54, 57. May 1945. 9 C15  
Mainly about the different breeds.
- 12049 HADLINGTON, E. Make sure of quality; pick best birds when selecting breeding pens. Farmer and Settler 40(14): 14. May 4, 1945. 23 F226

- 12050 HADLINGTON, E. Prepare for the breeding season. Agr. Gaz. N. S. Wales 56: 183-186. Apr. 1, 1945. 23 N472
- 12051 HAYS, F. A. Isolating gene E' for early sexual maturity [of poultry]. Amer. Nat. 79: 372-376. July/Aug. 1945. 470 Am36
- 12052 HEADPOINTS in 'Dottes. By "Observer." Poultry World 76: 296. June 22, 1945. 47.8 P8682  
Wyandotte Bantam.
- 12053 HUTT, F. B. More superior sires in poultry revealed by "double shift." Farm Res. [N. Y. State Sta.] 11(3): 13-14. July 1945. 100 N48A
- 12054 HUTTON, J. Here is a new Sussex Bantam. Poultry [London] 96: 412. June 6, 1945. 47.8 P869  
Brown Sussex.
- 12055 HUTTON, J. There is no best Bantam for eggs. Poultry [London] 97(3252): 12. July 3, 1945. 47.8 P869
- 12056 JULL, M. A. New Hampshires favorably compared for broiler production. Peninsula Broiler J. 5(5): 1-2. July 2, 1945. 47.8 P37
- 12057 M., M. H. Breeding good [poultry] stock for sale. Farmers' Gaz. [Dublin] 103: 383. July 7, 1945. 10 F221
- 12058 MCCUITION, W. R. Mille Fleur Bantam culture. All-Pets Mag. 16(14): 41-42. July 1945. 48.8 AL5  
From the "(Texas Bantam Assn. Yearbook)."
- 12059 MANIGLIA, R. La cría del pato Pekin. Suelo Argentino 4: 364-367. (To be cont.) June 1945. 9 Su2
- 12060 MOORE, A. C. Growing your own stock males. Poultry [London] 96: 406. June 6, 1945. 47.8 P869
- 12061 ROBINSON, L. Where North Holland Blues reign supreme. Mod. Poultry Keeping 52: 464-465. June 27, 1945. 47.8 Eg3  
Description of an English farm.
- 12062 ROSCOE, G. If your young Khakis are nervous. Poultry [London] 97: 22. July 10, 1945. 47.8 P869  
Khaki Campbell ducks.
- 12063 SEQUEIRA, O. DE. O pombo Carneau. Fauna [São Paulo] 4(3): 16-17. Mar. 1945. 410 F272
- 12064 SMITH, C. B. The old Silver Gray Dorking. Poultry Press 31(18): 1. July 12, 1945. 47.8 P8643
- 12065 STRATTON, A. J., JR. Golden Wyandottes. Poultry Press 31(18): 2. July 12, 1945. 47.8 P8643
- 12066 VAN DRIMMELEN, G. C. Intraperitoneal insemination of birds. So. African Vet. Med. Assoc. J. 16(1): 1-6. Mar. 1945. 41.8 So8
- 12067 \*VECCHI, A. Polli di razza "Livorno." Ital. Agr. 79: 15-19. Jan. 1942. 16 It1
- 12068 W., F. E. The Barred Plymouth Rock Bantam. Natl. Barred Rock J. 35(1): 2. Jan./Mar. 1945. 47.8 In8
- 12069 W., F. E. The main object. Natl. Barred Rock J. 35(1): 4. Jan./Mar. 1945. 47.8 In8  
In breeding Barred Plymouth Rocks.
- 12070 W., F. E. Mating Barred Plymouth Rocks. Natl. Barred Rock J. 35(1): 3. Jan./Mar. 1945. 47.8 In8
- 12071 W., F. E. Why Barred Plymouth Rocks? Natl. Barred Rock J. 35(1): 4. Jan./Mar. 1945. 47.8 In8
- 12072 WARREN, D. C. Importance of selecting for early feathering at ten days. Canada Poultryman 32 (6): 8. June 1945. 47.8 C166
- 12073 WHITELEY, G. Neighbours will admire your [Bantam] Polands. Poultry [London] 97: 28. July 10, 1945. 47.8 P869
- 12074 WILLIAMS, G. T. Origin of Frizzles. Poultry World 76: 296. June 22, 1945. 47.8 P8682

Feeds and Feeding

- 12075 ACKERT, J. E., BRANSON, D. S., and AMEL, D. J. Effect of an all plant ration on the resistance of an omnivorous animal to parasitism. Kans. Acad. Sci. Trans. 47: 215-218. Dec. 1944. 500 K13T  
Experiments on protein supplements for poultry.



- 12076 \*BEN-ADAMS, Z. Poultry feeding trial with fleshings. (In Hebrew.) *Hassadeh* 25: 233-235. Apr. 1945. 26 H27
- 12077 BROOMHEAD, W. W. Feeding pullets on scraps only. *Poultry* [London] 96: 408. June 6, 1945. 47.8 P869
- 12078 BUTTNER, E. E. Protein concentrates. *So. African Poultry, Pigeon and Bird Mag.* 51: 116-117. May 1945. 47.8 So83
- Sources.
- 12079 BUTTNER, E. E. Salt for pigeons. *So. African Poultry, Pigeon and Bird Mag.* 51: 123. May 1945. 47.8 So83
- 12080 COOPER, G. H. Feeds for poultry and how to use them. *Rhodesia Agr. J.* 42: 154-173. Mar./Apr. 1945. 24 R34
- 12081 GRAU, C. R. Satisfying the amino acid requirements for poultry. *San Diego Poultry J.* 20 (479): 6-7, 9. July 1945. 47.8 Sa52
- Also in *Nulaid News* 23(3): 8-10. June 1945. 47.8 N917
- 12082 GRISOLIA, E. H. Los patos; su alimentación. *Campo* [Buenos Aires] 29(342): 50-51. Apr. 1945. 9 C15
- 12083 HEGSTED, D. M., and STARE, F. J. Nutritional studies with the duck. I. Purified rations for the duck. *J. Nutr.* 30: 37-44. July 1945. 389.8 J82
- 12084 INSKO, W. H., JR. Feed the pullets. *Ky. Farmer's Home J.* 81(7): 19. July 1945. 6 F2237
- 12085 M., M. H. Pullets on rough pastures. *Farmers' Gaz.* [Dublin] 103: 371. June 30, 1945. 10 F221
- 12086 MCCLYMONT, G. L. The nutritional requirements of poultry. Practical application of results of research. *Agr. Gaz. N. S. Wales* 56: 179-182. (Cont.) Apr. 1, 1945. 23 N472
- 12087 PARISH, A. J. Youngsters require different diet. *Poultry World* 76: 296. June 22, 1945. 47.8 P8682
- 12088 PEROTTI, R. M. El maíz como alimento de las aves de corral. *Campo* [Buenos Aires] 29(343): 46, 51. May 1945. 9 C15
- 12089 TURLEY, E. P. That extra kick; feed for proper bone structure. *Grit and Steel* 47, 1. e. 45 (3, 1. e. 4): 32. Aug. 1945. 47.8 G88
- Supplemental diet of calcium needed for Game fowl.
- 12090 TURNER, L. Should layers sit down? *Poultry Farmer* [London] 113(2925): 3. July 13, 1945. 47.8 F312
- Effect of feeding on activity.
- 12091 \*URI, D. Feeding the poultry prior to turning off the artificial light. (In Hebrew.) *Hassadeh* 25: 235. Apr. 1945. 26 H27
- Veterinary Medicine
- 12092 ANDERSON, B. P. Blackhead on the uptrend! *Skagit Co-op Dairyman* 22(11): 14. July 1945. 280.28 Sk1
- In turkeys and chickens.
- 12093 ANDERSON, E. E. Control fowl pox. *N. Mex. Agr. Col. Ext. News* 25(7): 3. July 1945. 275.29 N463Ex
- By vaccination.
- 12094 ASMUNDSON, V. S. Crooked neck dwarf in the domestic fowl. *J. Hered.* 36: 173-176. June 1945. 442.8 Am3
- 12095 BALL, R. F. Dubbing method simplified. *Poultry Tribune* 51(7): 30. July/Aug. 1945. 47.8 P8642
- 12096 BARTON, T. Grain's good influence on cocci; proteins form alkali. *Poultry Farmer* [London] 112(2922): 4. June 22, 1945. 47.8 F312
- 12097 BAYON, H. P. Yolk binding. *Poultry Farmer* [London] 112(2922): 7. June 22, 1945. 47.8 F312
- 12098 BEACH, J. R. Vaccination for pneumoencephalitis. *U. S. Livestock Sanit. Assoc. Proc.* (1944) 48: 177-184. 1945. 49.9 Un3R
- In poultry.
- 12099 BIRTWISTLE, V. Turkeys for VE Christmas. *Poultry* [London] 97(3252): 6. July 3, 1945. 47.8 P869
- Blackhead in turkeys.
- 12100 BONALUME, W. L. Construção do pombal. *Fauna* [São Paulo] 4(4): 11-12. Apr. 1945. 410 F272
- 12101 GALOFRÉ, E. J. Algunas enfermedades parasitarias de las aves; diagnóstico y tratamiento. *Suelo Argentino* 4: 362-363, 398. (Concl.?) June 1945. 9 Su2
- 12102 GAUGHER, H. C., and GREAVES, R. E. Turkey paratyphoid. *Res. and Farming.* [N. C.] *Prog. Rpt.* 3(2): 2, 11. Jan. 1945. 100 N81R
- 12103 GENEST, P., and BERNARD, R. Étude de l'action des sulfamidés sur la formation de la coquille de l'oeuf chez la poule. *Rev. Canad. de Biol.* 4: 172-192. 1945. Ref. 442.8 R325
- English summary.
- 12104 HINSHAW, W. R., and MCNEIL, E. The importance of group agglutination in pullorum disease testing programs. *U. S. Livestock Sanit. Assoc. Proc.* (1944) 48: 165-170. 1945. 49.9 Un3R
- 12105 JOHNSTON, M. G. Fighting the blackhead menace in turkeys. *Family Herald and Weekly Star* 76(29): 11. July 18, 1945. 7 F21
- 12106 JUNGHERR, E., and MATTERSON, L. D. Avian monocytosis, so-called pullet disease. *U. S. Livestock Sanit. Assoc. Proc.* (1944) 48: 185-196. 1945. Ref. 49.9 Un3R
- 12107 \*KIUR-MURATOV, A. P. O chume ptits [Concerning the plague of poultry]. *Veterinariia* 21 (11/12): 28-31. Nov./Dec. 1944. 41.8 V6426
- 12108 LACKLAND, S. B. Canker control; low vitality may lead to disease... (avian diphtheric roup). *Grit and Steel* 47, 1. e. 45(3, 1. e. 4): 29-30. Aug. 1945. 47.8 G88
- Prevention by proper care.
- 12109 MOORE, E. N. The value of new type sulfa drugs. *Peninsula Broiler J.* 5(5): 3-4. July 2, 1945. 47.8 P37
- 12110 NOBREGA, P., and BUENO, R. C. Sobre o reconhecimento de portadores na cólera aviária. *Inst. Biol., São Paulo. Arq.* 15: 339-342. 1944. 442.9 Sa6
- English summary.
- 12111 PETERSON, E. H. Poultry remedies - good and bad. *Washcoegg* 23(2): 16-17. July 1945. 47.8 W27
- 12112 REIS, J., and REIS, A. S. Sobre o uso de desinfetantes na água de bebida, para prevenção da cólera aviária. *Inst. Biol., São Paulo. Arq.* 15: 39-41. 1944. 442.9 Sa6
- English summary.
- 12113 \*SCHOOOP, G., and OHE, H. VON DER. Bekämpfungsversuche der geflügelpest mit Spirocid-Natrium unter praktischen verhältnissen. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 249. July 1, 1944. 41.8 D482
- 12114 SEEGER, K. C. Chemical warfare on coccidiosis at University of Delaware, Substation. *Peninsula Broiler J.* 5(5): 1, 6. July 2, 1945. 47.8 P37
- Use of sulfaguanidine.
- 12115 SMITH, C. H. Sulphamezathine; new treatment for caecal coccidiosis. *Poultry Farmer* [London] 112(2923): 3. June 29, 1945. 47.8 F312
- 12116 SMITH, H. R. An analysis of factors contributing to the difficulties of eradicating tuberculosis of poultry and swine. *U. S. Livestock Sanit. Assoc. Proc.* (1944) 48: 212-217. 1945. 49.9 Un3R
- 12117 TURNILL, L. C. To prevent blackhead in turkeys. *Farmer & Stock-Breeder* 59: 1097. July 10, 1945. 10 F228



12118 \*VIANELLO, G. La protezione dei pollai della laringo-tracheite e dal colera aviario. Ital. Agr. 80: 456-460. Sept. 1943. 16 It1  
 12119 W., F. E. A "flu" remedy that works. Natl. Barred Rock J. 35(1): 8. Jan./Mar. 1945. 47.8 In8

Neoprontosil as treatment for influenza in poultry.

12120 WALLER, E. F. Blue comb disease. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 171-176. 1945. 49.9 Un3R

#### Miscellaneous

12121 A., M. Listless birds are usually too fat - treatment for broodies. Poultry World 77: 8. July 6, 1945. 47.8 P8682

12122 ALEXANDER, A. K. S. Folds on permanent pasture. Farmer & Stock-Breeder 59: 1097. July 10, 1945. 10 F228

12123 ALEXANDER, A. K. S. Hens and chicks in hay time. Farmer & Stock-Breeder 59: 977. June 19, 1945. 10 F228

General care.

12124 ALEXANDER, A. K. S. Pre-moult culling. Farmer & Stock-Breeder 59: 1017. June 26, 1945. 10 F228

12125 BANKS, E. Start training youngsters; keep them at it. Amer. Racing Pigeon News 61(7): 1-2. July 1945. 47.8 H75

12126 BARLEY, H. D. End of the season jobs. Poultry World 77: 1. July 6, 1945. 47.8 P8682

12127 BARLEY, H. D. Holding back the pullets. Poultry World 76: 301. June 29, 1945. 47.8 P8682

Retarding egg production with Epsom salts.

12128 BEARSE, G. E. Lined litter is cheapest. Washcoegg 23(2): 5, 19. July 1945. 47.8 W27

12129 BEESON, F. W. The most amazing broiler plant I have ever seen. Canada Poultryman 32(6): 16, 18. June 1945. 47.8 C166

12130 BOBBY, F. C. Winter egg production. New Zeal. J. Agr. 70: 539-541. May 15, 1945. 23 N48J

12131 BROOMHEAD, W. W. Mixing growers with layers. Poultry [London] 97: 24. July 10, 1945. 47.8 P869

12132 \*CASTELLO CARRERAS, S. Resumen oficial del cursillo de avicultura. Agr. Levantino 10(116): 14-17. (Cont.) July 1944. 15 Ag85  
 Spain.

12133 \*CHARON, A. J. Les conditions de la ponte d'hiver. Rev. des Agr. de France 73: 290-292. Oct. 1941. 14 R325

12134 \*CHARON, A. J. L'élevage des pigeons. Rev. des Agr. de France 72: 222-224. Dec. 1940. 14 R325

12135 CLEAR the [Bantam] cockerels: ...they make excellent poussins. By "Observer." Poultry World 77: 8. July 6, 1945. 47.8 P 682

12136 CLINTON, H. F. Cutting the wings of fowls. Victoria. Dept. Agr. J. 43: 218-219. May 1945. 23 V66J

12137 CLINTON, H. F. Table ducks. Victoria. Dept. Agr. J. 43: 206-207. May 1945. 23 V66J  
 Care.

12138 COLES, J. D. W. A. Hygiene on the poultry farm. Farming in So. Africa 20: 297-300, 302. May 1945. 24 So842

12139 COLLINSON, H. Cleanliness still counts; a warning about litter. Mod. Poultry Keeping 52: 465. June 27, 1945. 47.8 Eg3

12140 COLLINSON, H. There's danger ahead for poultrymen. Mod. Poultry Keeping 53: 28-29. July 11, 1945. 47.8 Eg3

Concerning overcrowding.

12141 COOPER, M. The poultry shows; they are a great institution of learning for the breeders of standard poultry. Poultry Press 31(18): 1. July 12, 1945. 47.8 P8643

12142 DAKAN, E. L. What about some summer broilers? Ohio Farmer 196(1): 17. July 7, 1945. 6 Oh3

12143 ELLIS, F. E. Deep, dry litter for chicks. Family Herald and Weekly Star 76(28): 12. July 11, 1945. 7 F21

12144 FLANAGAN, J. The necessity for culling [poultry]. Tasmanian Farmer 8(7): 15. Apr. 1945. 23 T186

12145 FLOREA, J. H. Broilers are Foster's winter crop. Poultry Tribune 51(7): 7, 20-23. July/Aug. 1945. 47.8 P8642

12146 GORDON, M. D. Chicks need shade and shelter. Field 185: 500. May 19, 1945. 10 F45

12147 GORDON, M. D. The problem of broodiness. Field 185: 525. May 26, 1945. 10 F45

12148 GRATTON, A. Quelle est la meilleure litière pour poulaillers? B. des Agr. 41(7): 20. July 1945. 7 B872

12149 HALLOWS, H. Looking ahead: winter egg production must be planned now. Poultry World 76: 301. June 29, 1945. 47.8 P8682

12150 HARDISTY, H. Teaching turkeys. Poultry World 76: 296. June 22, 1945. 47.8 P8682  
 Care of poults.

12151 HARMER, W. Management of growers. Poultry Farmer [London] 113(2924): 3. July 6, 1945. 47.8 F312

Colony and range system.

12152 HECOX, A. W. Condition is the thing. Pacific Poultryman 49(7): 13-14. July/Aug. 1945. 47.8 P112

Preparing poultry for shows.

12153 HOADLEY, J. Those late season chicks. Poultry Farmer [London] 112(2922): 3. June 22, 1945. 47.8 F312

12154 HOLLIS, W. H. Eggs every day: it can be done by careful management. Poultry World 77: 5. July 6, 1945. 47.8 P8682

12155 HOOBY, E. D. Pigeon aids Normandy invasion. Our Dumb Anim. 78: 133. July 1945. 48.8 Ou7

12156 HOWES, H. Don't try to hold back early duck layers. Mod. Poultry Keeping 52: 464-465. June 27, 1945. 47.8 Eg3

12157 HOWES, H. Hatching this autumn? Smallholder 73(1840): 13. June 22, 1945. 10 Sml

12158 HOWES, H. Poultry expansion. Farming News and North Brit. Agr. 97(28): 111. July 6, 1945. 10 N82

Planning increased production.

12159 HOWES, H. Space for turkey chicks. Mod. Poultry Keeping 53: 29. July 11, 1945. 47.8 Eg3

12160 JOHNSTON, M. G. Summer care of the flock. Family Herald and Weekly Star 76(27): 9. July 4, 1945. 7 F21

12161 JONES, R. E. Light hens at 3 a. m. when moved. Cackle and Crow 27(9): 11. July 1945. 47.8 C11

Summer egg production.

12162 JULL, M. A. Summer problems with the laying flock. Md. Farmer 29(7): 14. July 1945. 6 M362

12163 KLEIN, G. T. Certified chick sexors. New England Homestead 118(14): 8-9. July 28, 1945. 6 N442

12164 KLEIN, G. T. How long should litter be used? Mass. has startling answer. Poultry Tribune 51(7): 34, 36-37. July/Aug. 1945. 47.8 P8642

12165 \*KUPSCH, W. Geflügelzucht. Jahrb. f. Wiss. u. Prakt. Tierzucht 52: 231-247. 1944. Ref., p. 242-247. 442.8 J192

12166 LEMAY, A. L'élevage en "pedigree" des volailles. Terre de Chez Nous 17(39): 8. July 4, 1945. 7 T27

12167 LODGE, C. Battery management in hot weather. Poultry Farmer [London] 113(2925): 7. July 13, 1945. 47.8 F312

12168 LODGE, C. Breaking broodies. Poultry Farmer [London] 112(2923): 7. June 29, 1945. 47.8 F312



- 12169 LODGE, C. Culling breeding stock. Poultry Farmer [London] 112(2922): 7. June 22, 1945. 47.8 F312
- 12170 LODGE, C. How to rear turkey chicks. Poultry Farmer [London] 113(2924): 6-7. July 6, 1945. 47.8 F312
- 12171 MACILRAITH, J. J. Summer care of poultry. Farmer's Mag. 42(7): 48. July 1945. 7 C165
- 12172 MCNEILL, F. L. Producing better summer eggs. Canada Poultryman 32(7/8): 11. July/Aug. 1945. 47.8 C166
- 12173 \*MAQSOOD, M. Some important signs which denote a fowl's age. Indian Vet. J. 21: 421-422. May 1945. 41.8 In2
- 12174 MARSHALL, W. "Aug-tember" is the time to revitalize breeders. Checkerboard News 7(6): 16-17. Aug. 1945. 389.78 C41
- Poultry.
- 12175 MITCHELL, J. Practical problems with folds. Poultry Farmer [London] 112(2923): 3. June 29, 1945. 47.8 F312
- 12176 MOORE, A. C. Check up on deformities. Poultry [London] 97: 22. July 10, 1945. 47.8 P869
- Culling.
- 12177 MORRISON, J. G. Get rid of the boarders. Farm for Victory, No. 18, p. 12-13. June 1945. 281.8 F226
- Culling poultry.
- 12178 NEW ENGLAND section, 11th annual convention-in-print 1945. "Spot news" and progress reports from poultry leaders in the six New England States. Hatchery Tribune 19(7): 101-119. July 1945. 47.8 H28
- Includes articles for New Hampshire, by T. B. Charles; Massachusetts, by F. P. Jeffrey; Vermont, by D. C. Henderson; Maine, by J. R. Smyth; Connecticut, by H. M. Scott; Rhode Island, by H. O. Stuart.
- 12179 NEWMAN, T. Fertile eggs. Mod. Poultry Keeping 53: 28. July 11, 1945. 47.8 Eg3
- 12180 OGLE, R. C. How champion layers are managed. Poultry Tribune 51(7): 10, 37-39. July/Aug. 1945. 47.8 P8642
- Management practices used at the Western New York State Egg Laying Test.
- 12181 ORCHARD, M. They make machines do the work. Farm and Ranch 64(7): 4. July 1945. 6 T31
- A diversified poultry farm.
- 12182 OSGOOD, G. 5 lots of broilers a year. Checkerboard News 7(6): 18-19. Aug. 1945. 389.78 C41
- 12183 PARISH, A. J. Errors in age: coloured leg rings easily distinguish hens from pullets. Poultry World 77: 8. July 6, 1945. 47.8 P8682
- In connection with culling.
- 12184 PAYNE, L. F. More about the guinea fowl. Cackle and Crow 27(9): 7. July 1945. 47.8 C11
- 12185 PHILPOTT, D. The hatching & rearing of chickens. Irish Agr. and Creamery Rev. (n. s.) 14 (138): 10-12. June 1945. 44.8 C866
- 12186 POWELL-OWEN, W. Handy arks; portable equipment is the answer to clean ground and evenly developed growers. Poultry World 77: 5. July 6, 1945. 47.8 P8682
- 12187 POWELL-OWEN, W. Special quarters for males. Poultry World 76: 293. June 22, 1945. 47.8 P8682
- 12188 .READY for three-month-olds. By "Domesticus." Mod. Poultry Keeping 52: 462. June 27, 1945. 47.8 Eg3
- 12189 ROSCOE, C. Why ducks have been laying so well. Poultry [London] 96: 406. June 6, 1945. 47.8 P869
- 12190 S., A. When birds are on range. Rural New-Yorker 104: 352. July 1945. 6 R88
- Care in summer.
- 12191 SAVILLE, J. E. Summer care of the layers. Farm and Dairy [Salem] 31(48): 16. July 27, 1945. 6 F2279
- 12192 STRANG, J. W. We need more eggs. Gt. Brit. Min. Agr. Agriculture 52: 173-176. July 1945. 10 G79J
- Advice on building up poultry as a side line.
- 12193 TOMEY, A. F. Is your trapnest really necessary? Poultry Farmer [London] 113(2924): 3. July 6, 1945. 47.8 F312
- 12194 TOMEY, A. F. Never check precocious youngsters. Poultry Farmer [London] 113(2925): 3. July 13, 1945. 47.8 F312
- Care.
- 12195 TURKEY WORLD. National Turkey Federation convention-in-print. Turkey World, v. 20, No. 7, 57 p. July 1945. 47.38 T84
- Partial contents: Your post-war turkey industry, by W. D. Termohlen, p. 12, 52-54, 56-57; Symposium discussion of turkey disease problems, conducted by C. D. Carpenter, p. 18-19, 45-49; Feed situation, by W. C. Berger, p. 26-27, 42-43; Your National Improvement Plan blankets the Nation, by F. E. Moore, p. 40-42.
- 12196 TURNILL, L. Be tough with those growing pullets. Poultry Farmer [London] 113(2925): 3. July 13, 1945. 47.8 F312
- Culling.
- 12197 TURNILL, L. Starting on 6 acres. Poultry Farmer [London] 112(2923): 3. June 29, 1945. 47.8 F312
- 12198 UNDERWOOD, A. Rearing in small houses. Poultry Farmer [London] 112(2923): 6-7. June 29, 1945. 47.8 F312
- 12199 UYS, C. J. Voorbereidings op pluimvee-plaas. So. African Poultry, Pigeon and Bird Mag. 51: 116. May 1945. 47.8 So83
- Poultry care.
- 12200 VANDERVORT, J. Summer care of the flock. Canada Poultryman 32(6): 5-6, 15, 18. June 1945. 47.8 C166
- 12201 VON ROSENBERG, H. J., and McDONALD, H. H. Broad-breasted turkeys lay golden eggs. Tex. Live-stock J. 4(6): 37, 40. June 15, 1945. 49 T29
- A program sponsored by the San Antonio Chamber of Commerce Turkey Committee.
- 12202 W., F. E. The laying flock. Natl. Barred Rock J. 35(1): 5. Jan./Mar. 1945. 47.8 In8
- Care.
- 12203 WILLIAMS, F. B. Exhibiting poultry; training, washing and preparing of standard fowl for competition in the poultry shows. Poultry Press 31(19): 1. July 26, 1945. 47.8 P8643
- 12204 WILLIAMS, G. T. Tips for novice exhibitors. 1. Study the standard. Poultry [London] 97 (3252): 12. July 3, 1945. 47.8 P869
- 12205 \*WILSON, F. D. Pigeons and pigeon rearing. Indian Vet. J. 21: 417-420. May 1945. 41.8 In2
- 12206 ZICH, G. E. Ideas are hatching in the poultry world. Poultry Comment 2(3): 2-3. June 1945. 47.8 D92

## RABBITS

## Breeds and Breeding

- 12207 ALLAN, G. F. Angoras pay. 1-2. Poultry Farmer [London] 112(2923): 8; 113(2924): 8. June 29, July 6, 1945. 47.8 F312
- Title varies.
- Rabbits.
- 12208 \*BERTELLI, E. La selezione del coniglio basata sulla produzione lattifera. Ital. Agr. 80: 461-466. Sept. 1943. 16 It1
- Concerning breeds.
- 12209 BLAKE, R. Angoras for wool production. Poultry World 76: 295. June 22, 1945. 47.8 P8682
- 12210 BLAKE, R. Coloured Angoras; Chinchilla, Chocolate and Brown in the making. Poultry World 77: 7. July 6, 1945. 47.8 P8682
- 12211 BLAKE, R. Indoor hutches for wool producers. Poultry World 76: 306. June 29, 1945. 47.8 P8682
- Raising Angoras.



12212 CRESPO, R. Lactancia y destete, factores importantes en la crianza del conejo. Cuba. Min. de Agr. Rev. 28(1): 12-14, 85. Jan./Mar. 1945. 8 Ag88Re  
Includes parturition.

12213 GOODCHILD, C. Refresher course for Rex judges. 1-2. Poultry Farmer [London] 112(2921): 8; (2922): 8. (Concl.) June 15, 22, 1945. 47.8 F312  
Title varies slightly.

12214 HARDER, H. J. Angora rabbits. Poultry & Rabbit Monthly 13(7): 12. July 1945. 47.8 P8654

12215 SHULTZE, O. F. Meat types in rabbits. Amer. Small Stock Farmer 29(10): 3. July 1945. 48.8 J82

#### Feeds and Feeding

12216 ANTHONY, M. M. Give these wild plants to your breeders and growers. Poultry Farmer [London] 113(2925): 8. July 13, 1945. 47.8 F312  
Feed for rabbits.

12217 \*GASNIER. Utilisation digestive du tourteau de karité désamertumé par le lapin. Acad. d'Agr. de France. Compt. Rend. 29: 249-250. May 12/19, 1943. 14 P215Bc  
Butyrospermum.

12218 MEEK, M. W. Rabbit feeding glossary. Amer. Small Stock Farmer 29(10): 4-5. (Cont.) July 1945. 48.8 J82

12219 TEMPLETON, G. S. Selection and preparation of rabbit feeds. Amer. Rabbit J. 15: 22-23. Mar./Apr. 1945. 40.28 Am3

12220 TEMPLETON, G. S. A variety of feeds for rabbits. Poultry & Rabbit Monthly 13(7): 6-7. July 1945. 47.8 P8654

12221 WILSON, W. K. Feeding twitch [Agropyron repens, rhizomes as an alternative to hay. Nature [London] 155: 671. June 2, 1945. 472 N21  
Rabbits.

#### Veterinary Medicine

12222 HALE, C. W. Colour and growth of hair in rabbits. Nature [London] 155: 670-671. June 2, 1945. 472 N21

12223 PATWORTH, D. Combating coccidiosis in rabbits. Poultry [London] 97: 25. July 10, 1945. 47.8 P869

12224 \*PAULI, C. Die "kaninchensyphilis" und ihre behandlung. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 348-349. Dec. 4, 1943. 41.8 D482

#### Miscellaneous

12225 KELLOGG, C. E. Current rabbit studies by the Government. Amer. Rabbit J. 15: 23. Mar./Apr. 1945. 40.28 Am3

Studies by the U. S. Fish and Wildlife Service.

12226 O'HANLON, M. J. Rabbit myxomatosis. West Austral. Wheatgrower 14(48): 6. Mar. 22, 1945. 23 W523

Possibilities of disseminating the disease virus as a means of rabbit control.

12227 PATWORTH, D. Litter losses are not inevitable. Poultry [London] 97(3252): 9. July 3, 1945. 47.8 P869

Care of rabbits.

12228 PATWORTH, D. Look after weaned does. Poultry [London] 96: 409. June 6, 1945. 46.8 P869

12229 PENHA, A. M. Como iniciar uma criação de coelhos. Biológico 11: 75-82. (Concl.) Mar. 1945. 442.8 B529

Care and management.

#### SHEEP AND GOATS

##### Breeds and Breeding

12230 BELOTE, H. T. Mr. and Mrs. Hampshire and family. Tex. Livestock J. 4(4): 47, 52. Apr. 15, 1945. 49 T29

12231 BRAY, R. D. Practical plan for improvement...all stud flocks [in Australia] should be inspected. Farmer and Settler 40(16): 29. May 18, 1945. 23 F226

12232 CARROLL, A. B. Beware of the overshot jaw...breeder-judge spotlights some helpful points. Farmer and Settler 40(16): 30. May 18, 1945. 23 F226

Judging various breeds of sheep.

12233 \*DASSAT, P. Contributo allo studio della pecora biellese. Ital. Agr. 79: 323-328. June 1942. 16 It1

12234 DAVIS, A. Angora goats in Texas. Tex. Livestock J. 4(4): 50. Apr. 15, 1945. 49 T29  
Historical account.

12235 DIETRICH, G. Swiss goat breeding. Brit. Goat Soc. Ybk. 1945: 23-27. 40.19 B77

12236 FIFER, M. W. Specific genetic factors in goat selection. Amer. Dairy Goat News 7(2): 4, 10. Aug. 1945. 40.18 Am34

12237 GIBBON, D. C. M. Are pure breeds necessary? Brit. Goat Soc. Ybk. 1945: 15-17. 40.19 B77

12238 GIBSON, C. H. Evolución de la raza Lincoln. Rev. Ganad. [Buenos Aires] 25: 176. May 15, 1945. 49 R32

12239 HAACK, J. O. El Romney Marsh, raza ovina que merece explotarse. Agr. Venezol. 9(105/106): 22. Jan./Feb. 1945. 9.95 Ag8

12240 HALL, W. T. Los Hampshire Down. Rev. Ganad. [Buenos Aires] 25: 226, 228. May 15, 1945. 49 R32

12241 \*HARARI, A. Sheep-breeding in April. (In Hebrew.) Hassadeh 25: 232-233. Apr. 1945. 26 H27

12242 HODGE, J. L. The Corriedale. Queensland Agr. J. 60: 300-301. May 1945. 23 Q33

12243 JEFFERY, H. E. The British Toggenburg. Brit. Goat Soc. Ybk. 1945: 31-34. 40.19 B77

12244 JELBART, J. E. Polwarths - great dual-purpose breed. Farmer and Settler 40(16): 33. May 18, 1945. 23 F226

12245 \*LETARD, E. La situation de l'élevage du mouton de Boukhara en France. Acad. d'Agr. de France. Compt. Rend. 30: 61-64. Jan. 12/19, 1944. 14 P215Bc

Introductory remarks by C. Bressou, with title, Le mouton d'Astrakan en France; Supplementary information by M. Piétte.

12246 MAY, E. S. Improved lambing percentages by better management; results at Trangie Experiment Farm. Agr. Gaz. N. S. Wales 56: 229-230. May 1, 1945. 23 N472

12247 \*MONTANARO, G. I fattori che influiscono sulla manifestazione della "fertilità" nella specie ovina. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 21(1/2): 355-419. Mar./June 1941. Ref. 16 N92

12248 PLIMPTON, A. A. Improve! Brit. Goat Soc. Ybk. 1945: 4-7. 40.19 B77

12249 \*RAO, M. V. K. Mandya rams. Indian Vet. J. 21: 414-417. May 1945. 41.8 In2

12250 \*SHOLOHOV, V. A. Age variation of skin in Karakul lambs. Acad. des Sci. de l'U. R. S. S. Compt. Rend. (n. s.) 45: 393-395. Dec. 30, 1944. 511 P444

12251 TURNER, J., and TURNER, E. Angora goat history. Tex. Livestock J. 4(4): 49. Apr. 15, 1945. 49 T29

#### Feeds and Feeding

12252 EATON, MRS. B. F. E. An alternative to bottle feeding. Brit. Goat Soc. Ybk. 1945: 42-43. 40.19 B77

12253 \*LEROY, A. M., and GASNIER, A. Le karité dans l'alimentation des ovins. Acad. d'Agr. de France. Compt. Rend. 29: 245-248. May 12/19, 1943. 14 P215Bc

Butyrospermum.



12254 \*MORANI, V. L'erbaio-prato e l'allevamento ovino in Agro Romano. Ital. Agr. 78: 460-462. June 1941. 16 1t1

12255 SCRASE, T. D. Do your goats pay? Brit. Goat Soc. Ybk. 1945: 22. 40.19 B77  
Mainly on feeds.

#### Veterinary Medicine

12256 \*BABA, H. S. Some observations on 'wah' of goats and sheep in Sind. Indian J. Vet. Sci. and Anim. Husband. 14: 105-110. June 1945. 41.8 In22  
Disease, probably caused by a filterable virus, which resembles contagious agalactia (mastitis).

12257 \*BLIN, H. Les conditions d'hygiène des pâturages à moutons. Rev. des Agr. de France 76: 53-54. Apr. 1944. 14 R325

Treatment with sulfates to prevent parasites.

12258 COLLINS, S. B. A brief on sheep parasites. Calif. Wool Grower 21(30): 10. July 24, 1945. 45.8 C12

Limited to worms.

12259 COLLINS, S. B. "Files" or prolapse of the rectum in sheep. Calif. Wool Grower 21(28): 8. July 10, 1945. 45.8 C12

12260 CUNNINGHAM, I. J., and HOPKIRK, C. S. M. Experimental poisoning of sheep by ngaio (*Myoporum laetum*). New Zeal. J. Sci. and Technol. Sect. A. Agr. 26: 333-339. Apr. 1945. 514 N48A

12261 \*DAVTJAN, E. A. Comparative susceptibility of molluscs to invasion by larvae of nematodes, causative agents of pulmonary helminthoses in sheep and goat. Acad. des Sci. de l'U. R. S. S. Compt. Rend. (n. s.) 46: 86-87. Jan. 20, 1945. 511 P444

12262 GERAGHTY, P. L. Control and treatment of sheep worms. So. Austral. Dept. Agr. J. 48: 397-398. Apr. 1945. 23 So84

12263 KING, N. B. Common ailments in goats. Agr. Gaz. N. S. Wales 56: 171-174. Apr. 1, 1945. 23 N472

12264 MITTON, R. L. Internal parasites of sheep; lung worms. So. Austral. Dept. Agr. J. 48: 381-382. (Cont.) Apr. 1945. 23 So84

*Dictyocaulus filaria* and *Muellerius capillaris*.

12265 MOORE, D. E. Pregnancy disease in ewes; some recent notations. Vet. Student 7: 226-227, 230. Spring 1945. 41.8 V6425

12266 MOULE, G. R. Performing the Mules' operation on sheep. Queensland Agr. J. 60: 312-315. May 1945. 23 Q33

12267 \*WANDA, P. N., and SINGH, K. A case of tuberculosis in a sheep. Indian J. Vet. Sci. and Anim. Husband. 14: 110-111. June 1944. 41.8 In22

12268 \*RAJOGOPALAN, V. R., and SANKARANARAYANAN, N. S. A case of pseudotuberculosis (*Pasteurella pseudotuberculosis* infection) in the goat. Indian J. Vet. Sci. and Anim. Husband. 14: 34-36. Mar. 1944. 41.8 In22

12269 RAMSMUSSEN, K. A new lethal in sheep; nervous inco-ordination or paralysis at birth. Sci. Agr. 25: 482-488. Apr. 1945. 7 Sci2

12270 \*ROSENBERGER, G. Phenothiazin gegen die magenwurminvasion der schafe. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 229-231. June 17, 1944. 41.8 D482

12271 SANDERSON, G. J. Botulism in sheep & cattle. Land [Sydney], No. 1747, p. 20. 31. May 25, 1945. 23 L22

12272 \*TARANTINO, G. B. Presenza della febbre catarrale degli ovini nel Governo dei Galla e Sidama. Riv. di Biol. Colon. 3: 303-310. Aug. 1940. 442.8 R522

12273 \*THOMAS, C. M. Milk fever in a goat. Indian Vet. J. 21: 431-432. May 1945. 41.8 In2

12274 \*VISHNEVSKIY, P. P. Epizootologicheskie dannye k diagnostike kolibatsilloza i paratifa teliat [Epizootic data on the diagnosis of colibacillosis and paratyphoid of calves]. Veterinariia 21(2/3): 15-17. Feb./Mar. 1944. 41.8 V6426

12275 VON MALTITZ, L. Milk fever in a goat. So. African Vet. Med. Assoc. J. 16(1): 9. Mar. 1945. 41.8 So8

12276 WHITTEN, L. K. Internal parasites of sheep. New Zeal. J. Agr. 70: 487-489, 491-492. May 15, 1945. 23 N48J

#### Miscellaneous

12277 ABBOTT, J. P. Australia's sheep carrying capacity. West Austral. Wheatgrower 14(43): 6. (To be cont.) Feb. 15, 1945. 23 W523

12278 ASKEW, V. Sheep and goat industry of Texas. Tex. Livestock J. 4(4): 47, 53. Apr. 15, 1945. 49 T29

An historical account.

12279 BAGNALL, MRS. N. Tethering has drawbacks, but - in some circumstances it is inevitable. Smallholder 73(1842): 17. July 6, 1945. 10 Sml

Goats.

12280 \*BÖTTGER, T. Ziegenzucht. Jahrb. f. Wiss. u. Prakt. Tierzucht 32: 215-230. 1944. Ref., p. 226-230. 442.8 J192

12281 BUSS, MRS. N. My methods. Brit. Goat Soc. Ybk. 1945: 54-55. 40.19 B77

Care.

12282 C., E. W. Study climate and grazing conditions before deciding on what type to run. Farmer and Settler 40(17): 3. May 25, 1945. 23 F226  
Sheep in Australia.

12283 CHAMBERLAIN, C. Pictures of our goats. Brit. Goat Soc. Ybk. 1945: 13-14. 40.19 B77

12284 \*CHARON, A. J. La chèvre. Rev. des Agr. de France 73: 103-105. Apr. 1941. 14 R325

12285 CHARON, A. J. The goat in France. Brit. Goat Soc. Ybk. 1945: 9-10. 40.19 B77

12286 COMMERCIAL goat keeping. Brit. Goat Soc. Ybk. 1945: 35-39. 40.19 B77

Discussion by Mrs. R. Bagnall, R. H. Gregory, M. W. Harrison, and F. M. B. Hawkins.

12287 COX, W. F. When to shear the farm flock. Midwest Wool Growers News 14(3): 4. Mar. 1945. 45.8 M58

12288 DEARDEN, D. V. The production of clean milk. Brit. Goat Soc. Ybk. 1945: 52-53. 40.19 B77

12289 \*DOEHNER, H. Schafzucht. Jahrb. f. Wiss. u. Prakt. Tierzucht 32: 186-214. 1944. 442.8 J192

Note particularly bibliography, p. 205-214.

12290 DU TOIT, J. F. Rearing of lambs. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 122, 2 p. Pretoria, 1945. 24 So82Pa

12291 EGERTON, J. R. Showing - first time out. Brit. Goat Soc. Ybk. 1945: 45-48. 40.19 B77

12292 FORTESCUE, H. R. Before and after office hours! Brit. Goat Soc. Ybk. 1945: 17, 19. 40.19 B77

Concerning care.

12293 GULLEY, P. E. Texas Goat Association has quarter century record. Sheep and Goat Raiser 25 (10): 33. July 1945. 45.8 Sh3

12294 HALL, E. M. G. Performance testing. Brit. Goat Soc. Ybk. 1945: 41-42. 40.19 B77

12295 HICKMAN, E. Sheep and wool in Texas. Tex. Livestock J. 4(4): 47, 54. Apr. 15, 1945. 49 T29

An historical account.

12296 JEFFERY, H. E. Organizing a goat show. Brit. Goat Soc. Ybk. 1945: 56-58. 40.19 B77

12297 KLEPINGER, F. W. The tester's viewpoint. Amer. Dairy Goat News 7(2): 5, 20. Aug. 1945. 40.18 Am34

Suggestions as to care.

12298 MAYHEW, P. The small milk round. Brit. Goat Soc. Ybk. 1945: 11-13. 40.19 B77

Goats as a small industry in Great Britain.

12299 MEDINA SANCHEZ, C. A. Observaciones generales sobre las condiciones de la explotación ovina en la Provincia del Aysen (Chile) y Norte de la Patagonia Argentina. Agr. Venezol. 9(105/106): 10-17, 48. Jan./Feb. 1945. 9.95 Ag8



12300 PETERSON, J. Q. Lamb chops in July. Natl. Wool Grower 35(7): 18-19. July 1945.

45.8 N21N

Description of a winter ranch for sheep.

12301 POLLARD, P. Rejuvenation of a veteran. Brit. Goat Soc. Ybk. 1945: 53. 40.19 B77

Care of an old goat.

12302 \*ROMOLOTTI, A. La pecora Barbaresca della Sicilia. Ital. Agr. 78: 5-12. Jan. 1941. 16 It1

12303 SELCA, W. E. Cría de animales de pelo en Colombia. Agr. Trop. 1(1): 23-26; (2): 27-29. (To be cont.) Feb., Mar. 1945. 26 Ag8

Karakul sheep; rabbits.

12304 TWISS, MRS. W. "An autobiography." Brit. Goat Soc. Ybk. 1945: 20-21. 40.19 B77

Concerning care.

12305 WIDMER, M. Goats have their use and charm in Switzerland. Creamery J. 56(7): 20. July 1945. 44.8 C86

12306 WILSON, J. F. New Zealand reminiscences. II. Natl. Wool Grower 35(7): 11-12. July 1945.

45.8 N21N

12307 YOUNG, W. New Zealand sheep stocks; 35 lb. carcasses from twelve-weeks-old lambs. Farming News and North Brit. Agr. 97(27): 2. June 29, 1945.

10 N82

## SWINE

### Breeds and Breeding

12308 BRIGGS, W. Lets don't kill the goose that laid the golden egg. Hog Breeder 20(7): 58, 60. July 1945. 46.8 H672

Type in Hampshires.

12309 COFFEY, J. S. Herd boar value and selection. Chester White J. 35(7): 3. July 1945.

46.8 W582

12310 CRAIG, L. C. Boosting your breed. Duroc News 19(7): 13, 54, 56. July 1945. 46.8 N212

12311 HAMPSHIREs from coast to coast. Hog Breeder 20(7): 68A-D, 69. July 1945. 46.8 H672

Directory of Hampshire swine.

12312 HARSCH, G. Hampshires in the postwar period. Hog Breeder 20(7): 20. July 1945.

46.8 H672

12313 HETZER, H. O. Inheritance of coat color in swine. II. Results of Landrace by Poland China crosses. J. Hered. 36: 186-192. June 1945.

44.2.8 Am3

12314 WEAVER, L. A. Improving selection of breeding hogs. Chester White J. 35(7): 6-7. July 1945. 46.8 W582

### Feeds and Feeding

12315 \*BROZZETTI, P. La digeribilità e la utilizzazione della sansa vergine ed esausta nei suini, in rapporto anche ai metodi di preparazione e conservazione. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 21(1/2): 50-99. Mar./June 1941. 16 N92

12316 DAY, D. I. Hogs grown out on clean pasture make cheapest and best gains. South. Stockman 5(8): 34, 56. Aug. 1945. 49 So83

12317 DOWNEY, L. A. Vitamin A for pigs. Victoria. Dept. Agr. J. 43: 205. May 1945. 23 V66J

12318 HALE, F. Protein requirements for swine. Duroc News 19(7): 24. July 1945. 46.8 N212

12319 JOHNSTON, G. W. Mealie shortage and restricted feeding. Farming in So. Africa 20: 301-302. May 1945. 24 So842

Results of feeding swine two-thirds of usual ration.

12320 KNOX, R. G., and others. Helpful hints on the feeding of swine. Ontario. Dept. Agr. Ext. C. 71, 12 p. Toronto, 1945. 275.29 On8

M. C. McPhail, J. C. Steckley, E. B. Fraser, and W. P. Watson, joint authors.

12321 \*LASSABLIÈRE, P., LEROY, A. M., and CHAP-  
FRAY, M. Nouveau procédé de suralimentation forcée pour remédier à la crise classique et aux hypothèses de croissance chez les porcelets. Acad. d'Agr. de France. Compt. Rend. 30: 24-26. Jan. 5, 1944. 14 P215Bc

12322 \*M. Die kartoffeln in der schweinefütterung. Schweiz. Milchztg. 70: 412-413. Nov. 21, 1944. 44.8 Sch92

12323 \*M. Ueber die masteigenschaften des schweines. Schweiz. Milchztg. 71: 240. June 29, 1945. 44.8 Sch92

12324 \*M. Die wildfrüchte in der schweinehaltung. Schweiz. Milchztg. 70: 372. Oct. 20, 1944. 44.8 Sch92

Especially acorns.

12325 \*NORDFELDT, S. Avitaminosis A in breeding sows. Sweden. Lantbrukshögsk. Ann. 12: 204-221. 1944/45. Ref. 104 Up6

12326 \*P., N. Neure schweine-fütterungsversuche - praktisch gesehen. Schweiz. Milchztg. 70: 254. July 14, 1944. 44.8 Sch92

12327 ROBISON, W. L. Soybean oil meal for pigs. Amer. Miller and Processor 73(7): 89-90, 92. July 1945. 298.8 Am32

12328 ROCKWELL, B. A. Growing market hogs without animal protein. Berkshire News 10(9): 14. July 1945. 46.8 B454

Use of brewers' yeast.

12329 S., E. J. Grain sorghum as a pig food. Queensland Agr. J. 60: 241-242. Apr. 1945. 23 Q33

12330 SHELTON, E. J. Green food, pumpkins and root crops as food for pigs. Queensland Agr. J. 60: 239-240. Apr. 1945. 23 Q33

12331 SHELTON, E. J. Whey as a food for pigs. Queensland Agr. J. 60: 237-239. Apr. 1945. 23 Q33

12332 \*WEIDMANN, U. Besonderheiten bei der verfütterung der press- und extraktionsrückstände des rapses. Schweiz. Milchztg. 70: 428. Dec. 5, 1944. 44.8 Sch92

For swine.

### Veterinary Medicine

12333 BUENO, P. Estudos sobre a peste suína. I. O papel da associação microbiana. II. A reação do sistema retículo-endotelial. Inst. Biol., São Paulo. Arq. 15: 81-96. 1944. 442.9 Sa6

Four plates follow text.

English summary.

12334 DOYLE, L. P. Enteritis in swine. Cornell Vet. 35: 103-109. Apr. 1945. 41.8 C81

12335 DOYLE, L. P. Hemorrhagic dysentery in swine. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 110-111. 1945. 49.9 Un3R

12336 \*GLASSER. Die bauchflechte der ferkel. Pityriasis rosea. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 47-48. Jan. 29, 1944. 41.8 D482

12337 GORTNER, W. A. The lipids of the pig during embryonic development. J. Biol. Chem. 159: 135-143. June 1945. 381 J824

12338 \*HEPDING, L. Sklerotische splenomegalie und leberzirrhose beim schwein. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 255-257. July 1, 1944. 41.8 D482

12339 HUTCHINGS, L. M. Report of further studies of brucellosis in swine. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 105-109. 1945. 49.9 Un3R

12340 \*KÖBE, K. Zur epidemiologie der infektiösen gastro-enteritis des schweines. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 362-375. Dec. 18, 1943. 41.8 D482

12341 \*LASZLO, F. Nebennierenkrebs bei schweinen. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 351-352. Dec. 4, 1943. 41.8 D482

12342 \*LASZLO, F. Tuberkulose im gehirnanhang bei einem schwein. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 238. June 17, 1944. 41.8 D482



- 12343 \*LUTJE. Rotlaufverdacht und rotlauffeststellung bei notgeschlachteten schweinen. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 50-51. Jan. 29, 1944. 41.8 D482
- 12344 \*MAGNUS, H. Beobachtungen an schweinepest-fällen. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 349-350. Dec. 4, 1943. 41.8 D482
- 12345 MITCHELL, C. W. It's the iron in the blood that keeps little pigs strong and thrifty. Berkshire News 10(9): 37-40. July 1945. 46.8 B454  
Prevention of anemia.
- 12346 \*OPPERMANN, T. Ein beitrage zur klärung der ursache des "plötzlichen herztodes" der schweine. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 49. Jan. 29, 1944. 41.8 D482
- 12347 POTRISA, G. Le rouget du porc. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 2: 16-20. Jan. 1945. 8 R327
- 12348 SIFFEL, W. L. The Boynton gall bladder smear for diagnosing hog cholera. Cornell Vet. 35: 147-151. Apr. 1945. 41.8 C81
- 12349 SIFFEL, W. L., and CASSELLBERRY, N. H. Hog cholera vaccines. Cornell Vet. 35: 152-157. Apr. 1945. 41.8 C81
- 12350 \*SONNENBRODT. Untersuchungen über epilepsie bei schweinen. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 250-255. July 1, 1944. 41.8 D482
- 12351 STOUDE, K. W. Hog cholera. Poland China World 32(1): 62-64. Aug. 1945. 46.8 Sw62
- 12352 \*STREICH, W. Allergisch-hyperergische, nekrotisierende endometritis beim schwein. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 337-340. Dec. 4, 1943. 41.8 D482
- 12353 \*VELAT, F. Le rouget du porc. Rev. des Agr. de France 76: 7. Jan. 1944. 14 R325
- Miscellaneous
- 12354 \*BLIN, H. Comment organiser et diriger l'élevage du porc en plein air. Rev. des Agr. de France 73: 166-169. June 1941. 14 R325
- 12355 \*BLIN, H. Les principes à observer et la méthode à suivre dans l'élevage du porc. Rev. des Agr. de France 73: 134-136. May 1941. 14 R325
- 12356 BURCH, J. W. The Missouri plan of growing thrifty pigs. Hereford Swine J. 5(7): 8-13. July 1945. 46.8 H42
- 12357 F., V. Bonhams suffer from a check in the sow's milk yield. Farmers' Gaz. [Dublin] 103: 380. July 7, 1945. 10 F221  
Suggestions as to care.
- 12358 FERRIN, E. F. Care of brood sows and suckling pigs. Chester White J. 35(7): 4, 10-11. July 1945. 46.8 W582
- 12359 HALE, F. The "thieves" among the hog producers. Tex. Livestock J. 4(4): 55, 58. Apr. 15, 1945. 49 T29  
Improper care and management causing loss.
- 12360 HALE, F. Yardstick for hog gains. Tex. Livestock J. 4(6): 106. June 15, 1945. 49 T29
- 12361 HERRING, G. C. Sow testing an aid to breed building. East. Breeder 7(3): 26-27. Aug. 1945. 49 V81
- 12362 \*MADER, F. Enthautung von schweinen. Deut. Schlachthof-Ztg. 44: 79-81. June 15, 1944. 286.85 D48
- 12363 MADISON, L. C. Let's cull the old sows. Chester White J. 35(7): 8. July 1945. 46.8 W582
- 12364 \*MASCHERONI, E. Un ottimo maiale della Balcania produttore di grasso: la razza mongolitza. Ital. Agr. 80: 83-90. Feb. 1943. 16 It1
- 12365 MOORE, R. P. Future breeders of Chesters. Chester White J. 35(6): 5, 8. June 1945. 46.8 W582  
Members of 4-H Clubs and Future Farmers of America.
- 12366 PEIRSON, H. M. Litter production. New Zeal. J. Agr. 70: 383-385. (Concl.) Apr. 16, 1945. 23 N48J  
Care of swine.
- 12367 ROBINSON, J. S. District junior shows promote swine improvement in Tennessee. Duroc News 19(7): 16-17. July 1945. 46.8 N212
- 12368 SHANNON, A. T. Pig production on a one-man farm. New Zeal. J. Agr. 70: 375-377. Apr. 16, 1945. 23 N48J
- 12369 TOWNSEND, S. Wise porkers in North don't squeal. Family Herald and Weekly Star 76(26): 9. June 27, 1945. 7 F21  
Protection against bears in northern Canada.
- 12370 TURK, R. D. Swine sanitation. Tex. Livestock J. 4(6): 106-107. June 15, 1945. 49 T29
- 12371 \*W., A. Durchschnittliche wärmgewichte bei den schweinen seit 1923. Schweiz. Milchztg. 70: 320. Sept. 8, 1944. 44.8 Sch92
- 12372 WILTSE, M. W. Fitting a show herd. Duroc News 19(7): 32. July 1945. 46.8 N212
- 12373 \*ZORN, W., and BÜNGER, W. Schweinezucht. Jahrb. f. Wiss. u. Prakt. Tierzucht 32: 159-185. 1944. 442.8 J192  
Note particularly bibliography, p. 175-185.
- ENTOMOLOGY
- GENERAL
- 12374 BRIMLEY, C. S. False and funny notions about animals [insects, toads, etc.]. N. C. Dept. Agr. Agr. Rev. 20(12): 4, 6. July 1, 1945. 2 N81Ag
- 12375 BROMLEY, S. W. Insect enemies of the house fly, Musca domestica L. N. Y. Ent. Soc. J. 53: 145-152. June 1945. 420 N48J  
Hornets, robberflies, and dragonflies.
- 12376 BROWNELL, L. W. Nature and wild life. Insect enemies as photographic subjects. Amer. Photog. 39(8): 41-43. Aug. 1945. 332.8 Am3
- 12377 CASSELL, R. L. No holds barred; a picture story of the struggle for life among insects and spiders. Nature Mag. 38: 361-364. Aug./Sept. 1945. 409.6 N214
- 12378 \*CLEU, H. Captures intéressantes d'insectes de divers ordres dans le bassin de l'Ardeche. Soc. Ent. de France B. 47: 103-105. June 1942. 420 F84B
- 12379 DEAN, G. A., SMITH, R. C., and KELLY, E. G. The fourteenth or 1944 annual insect population summary of Kansas. Kans. Ent. Soc. J. 18: 85-99. July 1945. 420 K13
- 12380 FRAENKEL, G. Insect nutrition. Roy. Col. Sci., London. Sci. J. 13: 59-69. 1943. 501 L8484
- 12381 JONES, E. T., and PIPER, P. A. Insect photography with limited equipment. Kans. Acad. Sci. Trans. 47: 275-282. Dec. 1944. 500 K13T
- 12382 KNIGHT, H. H. Some common Iowa water insects. Iowa Conserv. 4: 145, 147, 150. July 15, 1945. 279 I092
- 12383 \*PAULIAN, R. Les types d'insectes de Mul-sant au Muséum de Paris. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 16: 117-121. Mar./Apr. 1944. 410.9 P213
- 12384 \*PELTIER, M. Sur quelques cécidies foliaires du genre Manilkara (Sapotacées). Soc. Bot. de France. B. 90: 210-212. Oct./Dec. 1943. 451 F84B
- 12385 \*STELLWAAG, F. Ganzheit und gleichgewicht in der biologie. Natur u. Volk 74: 57-66. Mar. 1, 1944. 509 F856  
General article on balance of nature, which includes role of insects.
- 12386 WEISS, H. B. Insect food habit ratios of the Lloyd-Cornell Reservation. N. Y. Ent. Soc. J. 167-168. June 1945. 420 N48J



- 12387 WEISS, H. B. Insect response to colors. Sci. Monthly 61(1): 51-56. July 1945. 470 Sci23  
 12388 WELLINGTON, W. G. Conditions governing the distribution of insects in the free atmosphere. Part III: Thermal convection. Canad. Ent. 77: 44-49. Mar. 1945. 421 C16

## GENERAL - ECONOMIC

- 12389 ACRHE, F., JR., JACOBSON, M., and HALLER, H. L. An amide possessing insecticidal properties from the roots of *Erigeron affinis* DC. J. Organic Chem. 10: 236-242. May 1945. 381 J827  
 12390 \*ANGEVIN. Lutte contre les ennemis des cultures; contribution à l'étude du mode d'utilisation des arsénites comme insecticide. (Deuxième mémoire.) Ann. Agron. [Paris, (n. s.) 14: 221-227. Apr./June 1944. 14 An75A  
 12391 BAILES, E. L., and PAYNE, M. G. Colorimetric method for determination of DDT. Indus. and Engin. Chem. Analyt. Ed. 17(7): 438-440. July 20, 1945. 381 J825A  
 12392 BALABAN, I. E., and SUTCLIFFE, F. K. Thermal stability of D.D.T. Nature [London, 155: 755. June 23, 1945. 472 N21  
 12393 \*BALEVSKI, A. D., and FELBINGER, KH. KH. V'rku masovoto poflavavane na n'ekoi ovoshchni neprifateli v B'lgariya prez 1943 godina (Über den massenbefall einiger obstbauschädlinge in Bulgarien 1943.) Spis. Zeml. Isp. Inst. B'lgariya (Rev. Inst. de Rech. Agron. en Bulgarie) 13: 125-131. July/Dec. 1943. 106.3 R32  
 German summary.  
 12394 BATT, G. H. New sprayer for testing aerosols. Soap and Sanit. Chem. 21(7): 117-118. July 1945. 307.8 Sol2  
 12395 BEAMISH, H. V. Scratching dogs. Country Life [London, 47: 909. May 25, 1945. 80 C83  
 Caused by ectoparasites and eczema.  
 12396 \*BÉGUÉ, H., and RAUCOURT, M. La mesure de la vitesse de sédimentation dans les bouillies antiparasitaires. Ann. Agron. [Paris, (n. s.) 11: 92-108. 1941. 14 An75A  
 12397 BRANNON, D. H., and DODGE, J. C. Gardeners renew 'battle with bugs'; killing insects biggest job from now until harvest time. Washcoegg 23(3): 10, 24. Aug. 1945. 47.8 W27  
 12398 \*BRUNO, A. Gli studi entomologici per l'economia dell'Africa italiana. Rass. Econ. dell'Africa Ital. 29: 183-190. Mar. 1941. 261 C71  
 Includes discussion of some insect pests common to Italian Africa.  
 12399 CALLAN, E. M. Two new insecticides--DDT and 666. Trop. Agr. [Trinidad, 22: 98-99. June 1945. 26 T754  
 12400 CAMERON, G. R., and BURGESS, F. The toxicity of 2,2-bis (p-chlorophenyl) 1,1,1-trichlorethane (D.D.T.). Brit. Med. J. 1945, 1(4407): 865-871. 448.8 B77  
 12401 CARVAJALINO JACOME, L. J. Los insecticidas y fungicidas de uso frecuente. Agr. Trop. 1(1): 50-52; (2): 47-49. Feb., Mar. 1945. 26 Ag8  
 12402 COOPER, R. F. V. Algo sobre el "DDT." Corp. Frutícola Argentina. Rev. Ofic. 11(125): 27-28. May 31, 1945. 83 C81  
 Same title in Cons. Agr. 5(46): 1-3. May 1945. 9 C76  
 12403 \*COUPAN, M. G. Emploi rationnel des pulvérisateurs et des poudréuses. Rev. des Agr. de France 73: 163-165. June 1941. 14 R325  
 Technique consists in using a maximum of speed and efficiency with a minimum of substance.  
 12404 COX, A. J. DDT within bounds. Pt. II. Pests 13(7): 10, 12-13. July 1945. 449.8 Ex8  
 12405 \*DUFOUR, A. Pour faciliter la lutte contre les parasites du verger. J. d'Agr. Suisse 67 (4): 3-4. Jan. 27, 1945. 17 J82  
 12406 EAKIN, W. E. DDT trials with cotton. Farm and Ranch 64(7): 10. July 1945. 6 T31  
 12407 ENGLAND, W. H. 'Dead ducks' with DDT; vermin-free homes in Hawaii are a distinct possibility soon; even cockroaches, termites, ants and centipedes are on DDT's list. Hawaii Farm and Home 8(7): 24. July 1945. 25 H3191  
 12408 \*FISCHER, W. Zur frage nach den zusammenhängen zwischen konstitution und wirksamkeit von insektiziden. Reichs-Pflanzenschutzbl. 3(1): 9-11. Jan. 1945. 464.8 R27  
 12409 GEMIGNANI, E. V. Amigos y enemigos. Chacra 15(176): 84-85. June 1945. 9 C34  
 12410 GINSBURG, J. M. Toxicity of DDT to fish. (Sci. note.) J. Econ. Ent. 38: 274-275. Apr. 1945. 421 J822  
 12411 GONZALEZ BAUTISTA, L. A. Plagas y enfermedades del tabaco. Agr. Venezol. 9(105/106): 4-9. Jan./Feb. 1945. 9.95 Ag8  
 12412 GOODHUE, L. D., SMITH, F. F., and DITMAN, L. P. DDT in aerosol form to control insects on vegetables. J. Econ. Ent. 38: 179-182. Apr. 1945. 421 J822  
 12413 GREAT BRITAIN. MINISTRY OF AGRICULTURE AND FISHERIES. Slugs and snails. Gt. Brit. Min. Agr. and Fisheries. Advisory Leaflet 115, 4 p. London, 1945. 10 G79La  
 Includes methods of control.  
 12414 GYRISKO, G. G., JODKA, J. F. T., and RAWLINS, W. A. DDT to control potato insects. J. Econ. Ent. 38: 169-173. Apr. 1945. 421 J822  
 12415 HALE, F. C. Developments in military insect control. Ind. State Bd. Health. Monthly B. 48: 131-132, 146. June 1945. 449.7 In2M  
 Discusses DDT.  
 12416 \*HARDOUIN, R. Note sur quelques insectes habitant la tige des rosiers. Soc. Ent. de France. B. 48: 45-46. Mar. 1943. 420 F84B  
 12417 HEWLETT, P. S., and PARKIN, E. A. Effect of pretreatment on the toxicity of insecticidal films on building surfaces. Nature [London, 155: 755-756. June 23, 1945. 472 N21  
 Size and gelatin best coating material before application of insecticides.  
 12418 JACQUES, C. Timbo (Derris); insecticide des tropiques à grand pouvoir. New Caledonia. Chambre d'Agr., Rev. Agr., Feb. 1945, p. 5456-5457. 25 N43  
 12419 JONES, H. A., FLUNO, H. T., and HENDRICK, A. B. DDT insecticidal preparations. J. Econ. Ent. 38: 207-210. Apr. 1945. 421 J822  
 Control of insects affecting health of armed forces.  
 12420 JONES, M. A. Application of a modified red-color test for rotenone and related compounds to Derris and Lonchocarpus. Assoc. Off. Agr. Chem. J. 28: 352-359. May 1945. 381 As7  
 12421 KAUPP, B. F. Insect and parasite control. Poultry & Rabbit Monthly 13(7): 5, 8. July 1945. 47.8 P8654  
 12422 KNECHT, W. J. Pest trouble with gloxinias and begonias. (Part 2). Begonian 12: 125. July 1945. 96.511 B39  
 12423 KNIPLING, E. F. DDT insecticides developed for use by the armed forces. J. Econ. Ent. 38: 205-207. Apr. 1945. 421 J822  
 12424 LAPAGE, G. Parasites and war. Mil. Surg. 97(1): 23-29. July 1945. 448.8 M59  
 12425 LIEBERMANN, J. Enemigos de las plantas; lista de las plagas más comunes de los campos argentinos. Pampa Argentina 19(213): 6, 46. May 1945. 9 P19  
 12426 LILLIE, R. D., and SMITH, M. I. Pathology of experimental poisoning in cats, rabbits, and rats with 2,2 bis-parachlorophenyl-1,1,1 trichlorethane. Pub. Health Rpts. 59: 979-984. July 28, 1944. 151.65 P96



- 12427 LINDQUIST, A. W., SCHROEDER, H. O., and KNIPLING, E. F. Concentrated insecticides; preliminary studies of the use of concentrated sprays against houseflies and mosquitoes. Soap and Sanit. Chem. 21(7): 109, 111, 113, 119. July 1945. 307.8 Sol2
- 12428 LUBATTI, O. F. Sorption of fumigants. Nature [London], 155: 577. May 12, 1945. 472 N21
- 12429 LYLE, C. Control of household pests. Miss. Farm Res. [Miss. Sta.], 8(6): 7. June 1945. 100 M69M1
- 12430 LYLE, C. Control of pests of shrubbery and flowers. Miss. Farm Res. [Miss. Sta.], 8(6): 1, 2, 8. June 1945. 100 M69M1
- 12431 MADDEN, A. H., LINDQUIST, A. W., and KNIPLING, E. F. DDT treatment of airplanes to prevent introduction of noxious insects. J. Econ. Ent. 38: 252-254. Apr. 1945. 421 J822
- 12432 \*MARTIN, R., and ANGEVIN, M. Contribution à l'étude du mode d'utilisation des arsénites. Ann. Agron. [Paris] (n. s.) 14: 104-112. Jan./Mar. 1944. 14 An75A
- 12433 MATTOON, H. G. Woody plant pest council needed. Forest Leaves 35(2): 3, 12. May/June 1945. 99.8 F763
- Pennsylvania Forestry Association forms Woody Plant Pest Council to aid in control of diseases and pests.
- 12434 MEEHAN, A. F. Revisions of [plant] quarantines. Amer. Nurseryman 82(2): 20, 22. July 15, 1945. 80 Am371
- 12435 MUNCH, J. C. The toxicology of newer pest control chemicals. Pests 13(7): 7-8, 10. July 1945. 449.8 Ex8
- 12436 MUNRO, J. A., BUTCHER, F. G., and REIDMAN, K. Insects affecting potatoes. N. Dak. Agr. Expt. Sta. Bimo. B. 7(5): 25. May/June 1945. 100 N813B
- Epitrix cucumeris*, *Macrostelus divisa*, *Empoasca fabae*, and *Leptinotarsa decemlineata*.
- 12437 NEAL, P. A., and others. Toxicity and potential dangers of aerosols and residues from such aerosols containing three percent DDT. (Second report). Pub. Health Rpts. Sup. No. 183, 32 p. Washington, D. C., 1945. 151.65 P96S
- W. F. von Oettingen, R. C. Dunn, and N. E. Sharpless, joint authors.
- 12438 NEW, G. M. Household pests. Calif. Cult. 92: 397. July 21, 1945. 6 C12
- 12439 NEW SOUTH WALES. DEPT. OF AGRICULTURE. ENTOMOLOGICAL BRANCH. Insect pests. Agr. Gaz. N. S. Wales 56: 159-162, 213-216. Apr. 1, May 1, 1945. 23 N472
- Contents: The Indian meal moth (*Plodia interpunctella*), p. 159-160; The seedling bean midge (*Chironomidae*), p. 160-161; Slaters or wood-lice (*Crustacea*), p. 161; The black thrips (*Heliothrips haemorrhoidalis*), p. 162; Fruit flies (*Strumeta* [i. e. *Dacus*, *tryoni*]), p. 213-214; Bed or house bugs (*Cimex lectularius*), p. 215; The white cedar moth (*Lymantria reducta*), p. 216.
- 12440 \*NOUVEL, J., and SEGUY, E. Quelques ectoparasites des animaux sauvages du Parc Zoologique du Bois de Vincennes. (Première note.) Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 16: 128-131. Mar./Apr. 1944. 410.9 P213
- 12441 OWEN, L. N. The pyrethrin insecticides. Roy. Col. Sci. London. Sci. J. 13: 27-35. 1943. Ref. 501 L8484
- 12442 POOS, F. W. DDT to control corn flea beetle [*Chaetocnema pulicaria*], on sweet corn and potato leafhopper [*Empoasca fabae*], on alfalfa and peanuts. J. Econ. Ent. 38: 197-199. Apr. 1945. 421 J822
- 12443 \*RAHMAN, K. A. Plant protection service. Indian Farming 6: 161-162. Apr. 1945. 22 In283
- Need for an All-India Plant Protection Service for effective control of insect pests and disease.
- 12444 \*RAUCOURT, M., and BÉGUÉ, H. Revue de phytopharmacie. VI. Ann. Agron. [Paris] (n. s.) 12: 451-486. July/Sept. 1942. Ref. 14 An75A
- Insecticides.
- 12445 ROBBIE, W. A., and LEINFELDER, P. J. A rapid and simple method for measuring small amounts of cyanide gas in air. J. Indus. Hyg. and Toxicol. 27: 136-139. May 1945. 449.8 J823
- 12446 SAFEGUARDING the vegetable crop; remedial measures to adopt for the control of some of the more common aphid pests. By Lances. Gard. Illus. 64: 615. July 1945. 80 G169
- 12447 SCIENCE develops new chemicals for war against insects. Laboratory 15: 74-79. 1945? 297.8 L11
- Includes discussion on DDT.
- 12448 SLEESMAN, J. P., GUI, H. L., and J. D. WILSON. DDT and other new materials for spraying potatoes. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 140-147. 75.9 Oh3
- 12449 SMALLMAN, B. W. Dust insecticide. Amer. Miller and Processor 73(7): 52, 56, 58. (Concl.) July 1945. 298.8 Am32
- 12450 SMITH, F. F., DITMAN, L. P., and GOODHUE, L. D. Experiments with aerosols [DDT] against some pests of truck crops. J. Econ. Ent. 38: 189-196. Apr. 1945. 421 J822
- 12451 SMITH, M. I., and STOHLMAN, E. F. The pharmacologic action of 2,2 bis(p-chlorophenyl) 1,1,1 trichlorethane and its estimation in the tissues and body fluids. Pub. Health Rpts. 59: 984-993. July 28, 1944. 151.65 P96
- 12452 SPICER, O. W., and BROMLEY, S. W. Possibilities of new shade tree spray materials in the post war period. Arborist's News 10: 50-52. July 1945. 99.8 Ar14
- Includes discussion of DDT.
- 12453 STOCK, P. G. The international sanitary convention of 1944. Roy. Soc. Med. Proc. (1945) 38: 309-316. 448.9 R814
- Includes regulations for control of insect disease vectors.
- 12454 STODDARD, R. B. Pyrethrum and rotenone supply situation. Pests 13(7): 16. July 1945. 449.8 Ex8
- 12455 \*T, H. Parasitisme et protection des cultures. J. d'Agr. Suisse 67 (4): 3. Jan. 27, 1945. 17 J82
- 12456 TURNBULL, R. D. D. T. really does the business. Tests in Kansas show phenomenal results in ridding cattle of horn flies, barn flies, lice. A little lasts a long time. Farm J. 69(8): 15. Aug. 1945. 6 F2212
- 12457 VAZ, Z., PEREIRA, R. S., and MALHEIRO, D. M. Calcium in prevention and treatment of experimental DDT poisoning. Science 101: 434-436. Apr. 27, 1945. 470 Sci2
- 12458 WADSWORTH, R. V. Insect pests of food, and the consumer. Roy. Sanit. Inst. J. 65: 150-159. July 1945. Ref. 449.9 R812
- Extracts in Food [London], 14: 103-106. Apr. 1945. 389.8 F738
- 12459 YERXA, C. Vegetable pest control. Calif. Cult. 92: 385, 399. July 21, 1945. 6 C12

## APICULTURE AND APIS MELLIFERA

- 12460 \*ACKERMANN, D., and MAUER, H. Über das bienengift und seine beziehung zum histamin. Pflügers Arch. f. die Gesam. Physiol. 247: 623-631. June 27, 1944. Ref. 447.8 Ar2
- 12461 B., E. R. Methyl salicylate [to control *Acarapis woodi*]. Bee Craft 27: 37. May 1945. 424.8 B3925
- 12462 BERNETT, A. W. Spring - up and down. Beekeepers Mag. 7(12): 17. July 1945. 424.8 M58
- Adverse weather depletes colonies.
- 12463 BESSONET, E. C. The production of queen bees; producing queen cells - equipment for the small producer. Amer. Bee J. 85: 284-285. (Cont.) Aug. 1945. 424.8 Am3



- 12484 BRETÓN Y NEWHALL, O. S. Curiosidades de las abejas. Campo [Buenos Aires] 29(342): 52-53. Apr. 1945. 9 C15
- 12485 BRETÓN Y NEWHALL, O. S. Instalación de apiarios. Mundo Avic. 8(87): 26-27, 49. May 1945. 47.8 M92
- 12486 CABO DE VILA PARODI, L. Colmenas rústicas; breve reseña histórica su evolución hasta la invención de la colmena racional. Mundo Avic. 8(87): 42-45. May 1945. 47.8 M92
- 12487 CARROLL, E. What about the veteran. Beekeepers Mag. 7(11): 23-24; (12): 16. June, July 1945. 424.8 M58
- 12488 \*CHERIAN, B. A., and MAHADEVAN, V. Preliminary studies on the flight range of the Indian bee (*Apis indica*). Indian Bee J. 7: 79-80. May/June 1945. 424.8 In2
- 12489 \*CHERIAN, M. C. The longevity of the Indian bee (*Apis indica*). Indian Bee J. 7: 41-43. Mar./Apr. 1945. 424.8 In2
- 12490 CLAY, H. J. Beekeeping is still essential under Selective Service System. Beekeepers Mag. 7(11): 24-25. June 1945. 424.8 M58  
Also in Beekeepers Item 29: 240-241. July 1945. 424.8 M397
- 12491 COTTMAN, C. E. The semi-radial extractor in use. Austral. Bee J. 26: 38. Mar. 1945. 424.8 V66
- 12492 DEMERS, L. L'Association des Apiculteurs de Québec. Abeille et l'Érable 14: 56. May 1945. 424.8 Ab32
- 12493 DICKS, W. J. H. The honey industry of the Okanagan Valley. Gleanings Bee Cult. 73: 329-331. Aug. 1945. 424.8 G47  
Apiculture in British Columbia.
- 12494 DRESSEN, C. O. Returned veterans for beekeeping jobs. Beekeepers Item 29: 247-248. July 1945. 424.8 B397
- 12495 DUBOIS, W. L. Bees know their groceries [nourishment of honeybee colony]. Amer. Bee J. 85: 277. Aug. 1945. 424.8 Am3
- 12496 DUNHAM, W. E. Comment supplier a l'insuffisance de pollen pour l'alimentation des abeilles. Abeille et l'Érable 14: 44. Apr. 1945. 424.8 Ab32
- 12497 LUTTON, W. Source of honey important in marketing. Beekeepers Item 29: 238-239. July 1945. 424.8 B397
- 12498 FRANCIS, D. A. Bee-keeping - a youngster tries his hand. Brit. Bee J. 73: 153-154. May 31, 1945. 424.8 B77
- 12499 GAMBLE, R. Swollen bees that crawl and shiver; they are evidence of an outbreak of paralysis. Smallholder 73(1340): 18. June 22, 1945. 10 Sml
- 12500 GARDINER, L. A. Revival of South Australian Apiarists' Association. Austral. Bee J. 26: 62-63. May 1945. 424.8 V66
- 12501 GOODACRE, W. A. The Apiaries (amendment) Act, 1944. Many reforms for the industry. The important provisions discussed. Agr. Gaz. N. S. Wales 56: 175-178. Apr. 1, 1945. 23 N472
- 12502 GOODERHAM, C. B. Que sera l'avenir apicole. Abeille et l'Érable 14: 46-47. (Concl.) Apr. 1945. 424.8 Ab32
- 12503 GRAHAM POLE, R. M. An open letter to Rothamsted Bee Research Laboratory [sulphonamide group for treatment of American foulbrood]. Bee Craft 27: 36. May 1945. 424.8 B3925
- 12504 \*GRÜNIGEN, F. VON. Das auftreten von mangelkrankheiten bei unsern haustieren. Schweiz. Bienen-Ztg. 68: 287-290. July 1945. 424.8 Sch9  
Influence of bee visitation upon plants that also serve for animal nutrition.
- 12505 HAMBLETON, J. I. Future research in beekeeping. Amer. Bee J. 85: 273-275. Aug. 1945. 424.8 Am3
- 12506 \*HEIDERMAN, K. Wanderung hilft zuckersparen. Deut. Imkerführer, Mar. 1945, p. 1. 424.8 D486
- 12507 HERROD-HEMPSTALL, W. Pollen mites and beetles [enemies of honeybees]. Brit. Bee J. 73: 148. May 31, 1945. 424.8 B77
- 12508 HUDSON, C. J., JR. Honey-bees vs. wild insects [bumblebees, blowflies, etc.] in legume production. Seed World 58(1): 116-119. (Concl.) July 6, 1945. 61.8 Se52
- 12509 JAMIESON, C. A. The relationship of pollen reserve to colony population during the inactive season. Canad. Bee J. 53: 95-97. June 1945. Ref. 424.8 C16
- 12510 L., A. Control of [American] foulbrood. Scot. Beekeeper 21: 71. May 1945. 424.8 Sco8
- 12511 LEWITT, F. J. Hydraulic honey press. Bee Craft 27: 44-45. June 1945. 424.8 B3925
- 12512 LINÁN Y HEREDIA, N. J. DE. El Cristo de las mieles. Surco [Madrid] 4(37): 27-29. Mar. 1945. 15 Su7  
A bee colony established in the head caused honey to flow from the mouth of a statue of Christ, which was considered a good omen by the people.
- 12513 LINN, B. Bees beat the steers. Beekeepers Mag. 7(11): 9-12. June 1945. 424.8 M58  
Beekeeping as an occupation showing devices for short cuts.
- 12514 MACRAE, F. B. On disease. Brit. Bee J. 73: 151-153. May 31, 1945. 424.8 B77
- 12515 MÉDICI, M. Cosecha, envasado y pasterización de la miel de abejas. Campo [Buenos Aires] 29(324): 54-56. Apr. 1945. 9 C15
- 12516 \*MEHTA, V. K. Summering of bees [*Apis indica*] in the plains of northern India. Indian Bee J. 7: 44-45. Mar./Apr. 1945. 424.8 In2
- 12517 \*MILLEN, T. W. A trip to Kashmir. Indian Bee J. 7: 7-9. Jan./Feb. 1945. 424.8 In2  
Beekeeping in India.
- 12518 MOFFIT, G. M. Requeening and swarm control. Canad. Bee J. 53: 97-98. (Concl.) June 1945. 424.8 C16
- 12519 MORISON, G. D. Bee paralysis. Scot. Beekeeper 21: 70. May 1945. 424.8 Sco8
- 12520 MRAZ, C. Resistant stock makes gain. Beekeepers Mag. 7(12): 9-10. July 1945. 424.8 M58
- 12521 \*MUTTOO, R. N. Keep bees for more and better fruits. Allahabad Farmer 19: 19-20. Jan. 1945. 22 AL5
- 12522 NEWELL, R. E. Breed for best strains. Beekeepers Mag. 7(11): 15-16, 25. June 1945. 424.8 M58
- 12523 NEWELL, R. E. To burn or not to burn [American foulbrood]. Beekeepers Item 29: 232-233. July 1945. 424.8 B397
- 12524 NOON, M. L. Producing comb honey in shallow frames. Gleanings Bee Cult. 73: 334-335. Aug. 1945. 424.8 G47
- 12525 \*PAILLOT, A., KIRKOR, S., and GRANGER, A. M. Sur une expérience d'éradication de la loque maligne ou loque américaine dans un important foyer du Puy-de-Dôme. Acad. d'Agr. de France. Compt. Rend. 29: 433-435. Oct. 13/20, 1943. 14 F215Bc
- 12526 PARKER, R. L. The importance of honey production during war time. Kans. Acad. Sci. Trans. 47: 191-193. Dec. 1944. 500 K13T  
Strong colonies mean honey, wax, crop pollination.
- 12527 PARKER, R. L. Maintenance of strong colonies of honeybees in Bermuda. Bermuda Dept. Agr. Agr. B. 24: 31-32. May 1945. 8 B45A
- 12528 PATERSON, C. R. Larger wax moth [*Galleria mellonella*] control. New Zeal. Dept. Agr. J. 70: 537-538. May 15, 1945. 23 N48J
- 12529 \*RAHMAN, K. A., and SINGH, S. Comb foundation in the Punjab. Indian Farming 5: 548-550. Dec. 1944. 22 In283  
For *Apis indica* F.
- 12530 RAHMAN, K. A. Progress of beekeeping in the Punjab [India]. Bee World 26: 42-44, 50-52. June, July 1945. Ref. 424.8 B399



- 12511 RICH, S. G. The long, long trail migratory beekeeping. Austral. Bee J. 26: 38-39. Mar. 1945. 424.8 V66
- 12512 ROGNONI, E. Como se nutren las abejas. Campo [Buenos Aires], 29(343): 56. May 1945. 9 C15  
Also in Suelo Argentino 4: 368-369. June 1945. 9 Su2
- 12513 ROOT, E. R. Eighty years among the bees. Gleanings Bee Cult. 73: 337. (Cont.) Aug. 1945. 424.8 G47
- 12514 HUDGE, A. J. The Gubin stimulus to induce honeybees to visit a particular type of clover. Bee Craft 27: 37. May 1945. 424.8 B3925  
Also in Beekeeping 11: 65-66. June 1945. 424.8 B3991
- 12515 SARASQUETA, P. A. DE. Producción y comercio apícola en la República Argentina. Mundo Avic. 8(87): 46-48. (Cont.) May 1945. 47.8 M92
- 12516 SMELLIE, E. Honey house bogie. New Zeal. Dept. Agr. J. 70: 520-521. May 15, 1945. 23 N48J
- 12517 SUTHERLAND, A. E. Acoustic observation in winter - II. Bee World 26: 44. June 1945. 424.8 B399
- 12518 TOWNER, E. B. British bee-keeping equipment and standardisation. Bee Craft 27: 46. June 1945. 424.8 B3925
- 12519 20.000.000 de kilos de miel necesitan anualmente los Estados Unidos; ecos de la visita a un apiario en Rawson, B.A.P. El Dr. Werthein, un apicultor ejemplar. Rev. Mens. B.A.P. 28(330): 73-78. May 1945. 9 R326
- 12520 TWIGG-PORTER, G. Bees solved a problem. Gleanings Bee Cult. 73: 331. Aug. 1945. 424.8 G47  
Cell construction by *Apis mellifera*.
- 12521 \*VENKATA, P. N. Enemies of honey bees [*Apis indica*]. Indian Bee J. 7: 85-87. May/June 1945. 424.8 In2
- 12522 VINCENT, S. Le rôle des abeilles dans la pollinisation des plantes. Abeille et l'Érable 14: 57-58. May 1945. 424.8 Ab32
- 12523 WALLER, D., JR. Another youngster tries his hand. Brit. Bee J. 73: 170. June 21, 1945. 424.8 B77
- 12524 \*WINIGER, J. Zur diskussion über die milben-suche-sanierung. Schweiz. Bienen-Ztg. 68: 291. July 1945. 424.8 Sch9  
Frow treatment to control *Acarapis woodi*.
- 12525 WORTH, A. Bee Diseases Order, 1942 [concerning American foulbrood]. Brit. Bee J. 73: 142. May 24, 1945. 424.8 B77
- Colony Management
- 12526 \*BHUPEN. Snelgrove and Demaree systems of swarm control. Indian Bee J. 6: 25, 29. Jan./Feb. 1944. 424.8 In2
- 12527 CASTILLO CALERO, A. Manejo de colmenares - tabulación individual. II. Fomento [monthly], 2(18): 9, 19. Apr. 1945. 8 F734
- 12528 EDE, W. E. M. Anaesthesia for vicious bees. Scot. Beekeeper 21: 32. June 1945. 424.8 Sco8
- 12529 ESLICK, N. V. Wintering. Brit. Bee J. 73: 150-151. May 31, 1945. 424.8 B77
- 12530 GAMBLE, R. Way to better bee stocks; the introduction of a new queen of high quality is the first step. Smallholder 73(1842): 18. July 6, 1945. 10 Sml
- 12531 \*GIBBS, H. A. Summering of hill bees [*Apis indica*] in the plains of northern India. Indian Bee J. 7: 81-84. May/June 1945. 424.8 In2
- 12532 \*GIBBS, H. A. Swarm control: Snelgrove system. Indian Bee J. 7: 46. Mar./Apr. 1945. 424.8 In2
- 12533 GOODERHAM, C. B. Le rucher: aide-mémoire No. 1-2. Abeille et l'Érable 14: 45-46. Apr. 1945. 424.8 Ab32  
Spring and fall management of colonies.
- 12534 GREAT BRITAIN. MINISTRY OF FOOD. Sugar for rearing queen bees. Beekeepers' Rec. 63: 52. June 1945. 424.8 B398
- 12535 HARRISON, G., JR. Package bees vs. overwintered colonies. Amer. Bee J. 85: 276. Aug. 1945. 424.8 Am3
- 12536 HOOPER, M. M. This war-time beekeeping; swarm control. Beekeeping 11: 66-67. (To be cont.) June 1945. 424.8 B3991
- 12537 \*KHAN, A. A. Transferring [*Apis indica*] from a bee tree in northern India plains. Indian Bee J. 7: 88-89. May/June 1945. 424.8 In2
- 12538 \*LEGAT, H. D. Experiences of a novice; hiving swarms. Indian Bee J. 6: 12-15. Jan./Feb. 1944. 424.8 In2
- 12539 MARZORATI, O. Notas apícolas para mayo. Pampa Argentina 19(212): 52. Apr. 1945. 9 P19  
Colony management.
- 12540 MÉDIOL, M. Introducción de celdas reales. Rev. de Apic. 21(252): 5-6. Feb. 1945. 424.8 R325
- 12541 \*MEHTA, V. K. Can there be two queens in a hive. Indian Bee J. 6: 7, 15. Jan./Feb. 1944. 424.8 In2
- 12542 METHOT, J. R. Colonies d'abeilles à vendre. Abeille et l'Érable 14: 56. May 1945. 424.8 Ab32  
Lists beekeepers with colonies for sale which may be used to replace package bees.
- 12543 METHOT, J. R. Substitut au paquets d'abeilles. Abeille et l'Érable 14: 68. June 1945. 424.8 Ab32  
Plan to replace importation of package bees by maintaining colonies through the winter.
- 12544 MOLINO, V. La conveniencia de marcar las reinas. Rev. de Apic. 21(252): 3-4. Feb. 1945. 424.8 R325
- 12545 \*MULLICK, N. P. My difficulties and mistakes in the management of *Apis indica*. Indian Bee J. 7: 19-23. Jan./Feb. 1945. 424.8 In2
- 12546 PATERSON, C. R. Preparations for wintering colonies. New Zeal. J. Agr. 70: 425. Apr. 16, 1945. 23 N48J
- 12547 POOR progeny of the Iti [Italian] queens. By Gubesh. Farmer [Pietermaritzburg] 34(23): 7. June 8, 1945. 24 F227
- 12548 \*PRADON, C. Avoir des ruches! Avoir du miel! Agrandir le rucher! Rev. des Agr. de France 73: 137-139. May 1941. 14 R325
- 12549 \*PRADON, C. Petit travail... grande récompense; c'est le lot de l'apiculteur. Rev. des Agr. de France 74: 102-103. Apr. 1942. 14 R325  
Care of colonies in the spring.
- 12550 ROOT, H. H. A visit from Ira D. Bartlett; he does not winter, but kills his bees in the fall and buys packages in the spring. Gleanings Bee Cult. 73: 340-341. Aug. 1945. 424.8 G47
- 12551 \*SEN, I. Some unusual observations on the behavior of queenbees. Indian Bee J. 7: 10-14. Jan./Feb. 1945. 424.8 In2
- 12552 \*SINGH, T. J. N. Hiving *Apis indica* colonies. Indian Bee J. 6: 8-11. Jan./Feb. 1944. 424.8 In2
- 12553 SKALA, O. El transporte de las reinas. Rev. de Apic. 21(252): 7-8. Feb. 1945. 424.8 R325
- 12554 STARNES, H. T. Is bee keeping a science? Beekeepers Mag. 7(12): 10-11. July 1945. 424.8 M58  
Variation in colony management.
- 12555 THOMLINSON, J. W. Bee-keeping seasonal management. Victoria. Dept. Agr. J. 43: 160-161. Apr. 1945. 23 V66J
- See also Honey and Beeswax in Agricultural Products section.



## ARACHNIDA, MYRIAPODA, ETC.

- 12556 \*ANDRÉ, M., and LAMY, E. Sur l'alimentation des araignées et des opilions, notamment aux dépens des mollusques. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 435-441. Nov. 1941. Ref. 410.9 P213
- 12557 \*ANDRÉ, M. Sur le *Bryobia praetiosa* Koch (acarien). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 259-265, 430-434. (Concl.) Oct., Nov. 1941. 410.9 P213
- 12558 \*ANDRÉ, M. Sur l'*Hemisarcoptes malus* Shimer (= *coccisugus* Lignières) (acarien). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 173-180. Mar. 1942. Ref. 410.9 P213
- Predator of *Aspidiotus perniciosus*.
- 12559 \*ANDRÉ, M., and COLAS-BELCOUR, J. Sur une nouvelle variété d'*Ixodes canisuga* Johnston [i. *canisuga kerguelensis*] (acarien). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 261-263. Apr./June 1942. 410.9 P213
- 12560 BLAKE, F. G., and others. *Trombicula fletcheri* Womersley and Heaslip 1943, a vector of tsutsugamushi disease (scrub typhus) in New Guinea. Science (n. s.) 102: 61-64. July 20, 1945. 470 Sci2
- K. F. Maxcy, J. F. Sadusk, Jr., G. M. Kohls, and E. J. Bell, joint authors.
- 12561 \*BONNEFOY, F., and MARCHAL, J. Contribution à l'étude des Ligidium (isopodes terrestres, Ligidiidae). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 103-107. Mar. 1943. 410.9 P213
- 12562 CALDWELL, N. E. H. The citrus bud mite *Eriophyes sheldoni*. Queensland Agr. J. 60: 228-230. Apr. 1, 1945. 23 Q33
- 12563 CHAMBERLIN, R. V. A new henicoipid centipede from Utah. Ent. News 56: 153-154. June 1945. 421 En88
- Yobius haywardi* n. g., n. sp.
- 12564 COLLINGE, W. E. Genetics of woodlice [*Armadillidium vulgare*]. Nature [London] 155: 670. June 2, 1945. 472 N21
- 12565 CORNISH-BOWDEN, A. Benzyl benzoate in the treatment of sarcoptic mange: a warning. Vet. Rec. 57: 305. June 23, 1945. 41.8 V641
- Treatments fatal to two dogs.
- 12566 \*DENIS, J. Araignées du nord de la France. (3<sup>e</sup> note.) Soc. Ent. de France. B. 48: 105-108. July 1943. 420 F84B
- Includes *Hypomma mallezi* n. sp.
- 12567 \*DENIS, J. Notes sur les Erigonides [Erigoninae]. III. Sur les femelles de trois espèces d'*Entelecara* (Aran. Erigonidae). Soc. Ent. de France. B. 47: 91-94. June 1942. 420 F84B
- 12568 \*DENIS, J., and GUIBÉ, J. Sur deux araignées récoltées dans le département du Calvados: *Robertus truncorum* (L. Koch) et *Meioneta* (*Aprolagus*) *beata* (O. P. Cambr.). Soc. Ent. de France. B. 47: 94-96. June 1942. 420 F84B
- 12569 \*FÉLICE, L. P. DE. Contribution à l'étude des oniscoides africains, II. Isopodes terrestres récoltés en Côte d'Ivoire par M. L. Chopard. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 55-57. Jan. 1940. 410.9 P213
- Includes *Periscyphops chopardi* n. sp.
- 12570 \*FÉLICE, L. P. DE. Récoltes entomologiques faites par L. Berland à Villa-Cisneros (Rio de Oro). Isopodes terrestres recueillis au Rio de Oro. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 58-61. Jan. 1940. 410.9 P213
- Includes *Diploexochus berlandi* n. sp.
- 12571 GOODNIGHT, C. J., and GOODNIGHT, M. L. Additional Phalangida from Mexico. Amer. Mus. Nat. Hist. Amer. Mus. Novitates 1281, 17 p. Mar. 10, 1945. 500 N483N
- Includes n. spp. in: *Guerrobunus* n. g.; *Montabunus* n. g.; *Colima* n. g.; *Cynorta* 2; *Prosontes* n. g.; *Leobunum* 5; *Paranelima*; *Metopilio*; *Krusa*.
- 12572 \*GRANDJEAN, F. L'ambulacre des acarions (1<sup>re</sup> Série). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 422-429. Nov. 1941. 410.9 P213
- 12573 \*GRANDJEAN, F. Observations sur les acarions: 6-7. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 532-539; 14: 264-267. Dec. 1941, Apr./June 1942. 410.9 P213
- Includes *Nanorchestes pulvinar* n. sp.
- 12574 \*GRANDJEAN, F. Observations sur les Labidostomidae. 1-3. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 118-125, 185-192, 319-326. Feb., Mar., July/Sept. 1942. 410.9 P213
- Includes n. spp. and forms in *Labidostomma* 3.
- 12575 \*GRANDJEAN, F. Observations sur les oribates. 13-14. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 62-69, 161-169. Jan., Feb./May 1940. 410.9 P213
- 12576 \*GRANDJEAN, F. Quelques genres d'acarions appartenant au groupe des Endeostigmata. (2<sup>e</sup> série.) Première partie. Ann. des Sci. Nat. Zool. et Biol. Anim. (ser. 11) 4: 85-145. 1942. Ref. 410 An7
- 12577 \*GUIBÉ, J. Contribution à la faune arachnologique de Normandie, 1<sup>re</sup> note. Soc. Ent. de France. B. 48: 76-78. May 1943. 420 F84B
- 12578 HOFF, C. C. New Neotropical Diplosphyronida (Chelonethida). Amer. Mus. Nat. Hist. Amer. Mus. Novitates 1288, 17 p. June 12, 1945. Ref. 500 N483N
- Includes n. spp. in: *Pachychitra*; *Menthus*; *Apolium* 2; *Pachyolium*.
- 12579 \*HOLM, A. Ein Beitrag zur salticiden-fauna Schwedens. Arkiv. för Zool., v. 35, No. 4, art. B 4, 4 p. 1945. 410.9 Sv22
- Includes *Sitticus tullgreni* n. sp.
- 12580 HOWES, H. Always suspect red mite *Dermatonyssus gallinae*. Farmers Weekly [London] 22(25): 32. June 22, 1945. 10 F2226
- 12581 JONES, M. P. Wood ticks and Rocky Mountain spotted fever. Agr. Leaders' Digest 26(6): 31. July 1945. 27b.28 Am3
- 12582 LACROIX, J. V. Lethane-soap combination for removing ticks [*Rhipicephalus sanguineus*] from dogs. North Amer. Vet. 26: 420-421. July 1945. 51.8 N812
- 12583 \*LEGRAND, J. J. Contribution à l'étude des isopodes terrestres du Sud-Ouest de la France. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 16: 109-116. Mar./Apr. 1944. Ref. 410.9 P213
- 12584 \*LOHMANN, H. Vorläufige spinnennotizen. Arkiv. für Zool., v. 35, No. 4, art. A 16, 21 p. 1945. 410.9 Sv22
- 12585 \*MILLOT, J. Glandes abdominales ventrales chez les solpugides (Arachnida Solpugidae). Soc. Ent. de France. B. 47: 127-129. Aug. 1942. 420 F84E
- 12586 MUMA, M. H. New and interesting spiders from Maryland. Biol. Soc. Wash. Proc. 58: 91-104. June 30, 1945. 500 W272
- Includes n. spp. in: *Uloborus*; *Sciastes*; *Agelenopsis*; *Castianeira*; *Phrurolithus* 2; *Neoantistea*.
- 12587 \*PAULIAN DE FÉLICE, L. Oniscoides récoltés par M. R. Heim de Balsac dans les terriers et les nids. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 16: 174-175. May 1944. 410.9 P213
- 12588 \*REMY, P. Contribution à l'étude des symphytes de Grèce. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 450-454. Nov. 1941. 410.9 P213
- Includes *Hanseniella graeca* n. sp.
- 12589 \*REMY, P. Description d'un symphyte nouveau [*Hanseniella hova* n. sp.] de Madagascar. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 193-197. Mar. 1942. 410.9 P213
- 12590 \*REMY, P. Nouvelles stations de pauropodes. Soc. Ent. de France. B. 47: 22-27. Feb. 1942. 420 F84B
- Includes *Allopaupopus barcinonensis aubertoti* n. var.



## COLLEOPTERA

- 12591 \*SAFRE, S. N. Some observations on the life-history of the dog tick *Rhipicephalus sanguineus* (Latreille) at Mukteswar. Indian J. Vet. Sci. and Anim. Husband. 14: 111-112. June 1944. 41.8 In22
- 12592 \*SAFRE, S. N. The systematic position of *Ornithodoros* g. e. *Ornithodoros*; *crossi* Brumpt (1921). Indian J. Vet. Sci. and Anim. Husband. 14: 54-55. Mar. 1944. 41.8 In22
- 12593 \*SERFATY, A. Influence du jeûne, précédant le repas, sur l'activité tryptique, au cours de la digestion, chez les scorpions. Soc. Ent. de France, B. 47: 89-90. June 1942. 420 F84B
- Experiments with *Buthus australis*.
- 12594 \*SERFATY, A. Variation des acides aminés libres et de la tryptase au cours de la digestion chez les scorpions. Soc. Ent. de France, B. 47: 42-45. Mar. 1942. 420 F84B
- Observations made on *Buthus australis*.
- 12595 SMITH, M. G., BLATTNER, R. J., and HEYS, F. M. Further isolation of St. Louis encephalitis virus; congenital transfer of virus in chicken mites (*Dermanyssus gallinae*). Soc. Expt. Biol. and Med. Proc. 59: 136-138. June 1945. 442.9 Sol
- 12596 SOARES, B. M. Alotipos de *Paragonyleptes antiquus* (Melo-Leitão, 1934) e de *Jacarepaguana pectinifemur* Piza, 1943. (Opiliones-Gonyleptidae.) São Paulo (State). Dept. da Prod. Anim. B. de Indús. Anim. (n. s.) 7(3/4): 9-13. July/Oct. 1944. 49 R324
- 12597 SOARES, B. M. Quatro novos tomídeos neotrópicos (Araneae - Thomisidae). São Paulo (State). Dept. da Prod. Anim. B. de Indús. Anim. (n. s.) 7(3/4): 73-80. July/Oct. 1944. 49 R324
- New spp. in: *Sidyms*; *Misumena*; *Misumenoides*; *Synaema*.
- 12598 \*STELLA, E. Nuovi dati sugli ixodidi dell'Africa Orientale Italiana. Riv. di Biol. Colon. 3: 431-435. Dec. 1940. 442.8 R522
- 12599 TODD, V. Systematic and biological account of the New Zealand Mygalomorphae (Arachnida). Roy. Soc. New Zeal. Trans. and Proc. 74: 375-407. Mar. 1945. 514 W46
- Includes n. spp. and forms in: *Arbanitis* 3; *Korusa* n. g.; *Aparua* n. g.; *Porrhothele*; *Hexathele*; *Migas*.
- 12600 \*VACHON, M. A propos du *Cordyloderes octentoctus* Balzan (pseudoscorpions). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 181-184. Mar. 1942. 410.9 P213
- 12601 \*VACHON, M. *Chthonius tetrachelatus* P. (pseudoscorpions) et ses formes immatures, 1-2. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 442-449, 540-547. Nov., Dec. 1941. 410.9 P213
- 12602 \*VACHON, M. Quelques remarques sur un myriapode "parasite" de la pomme de terre: le blaniule tacheté (*Blaniulus guttulatus* Boec). Soc. Ent. de France, B. 47: 63-64. Apr. 1942. 420 F84B
- 12603 \*VACHON, M. Remarques sur *Macrochelifer*, nouveau genre de pseudoscorpions (*Chelonethidae*). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 412-414. 1940. 410.9 P213
- 12604 \*VACHON, M. Remarques sur quelques pseudoscorpions du Sahara Central à propos des récoltes du Professeur L. G. Seurat, au Hoggar (mars-avril 1928). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 157-160. Feb./May 1940. 410.9 P213
- Includes *Rhacochelifer maculatus hoggarensis* n. sp.
- 12605 \*VACHON, M. Sur la présence au Mozambique de *Cheiridium museorum* Leach (Pseudoscorpions) dans les galeries de coléoptères bostrichides. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 53-54. Jan. 1940. 410.9 P213
- 12606 \*VACHON, M. Sur une espèce mal connue de pseudoscorpions des Apores: *Microcreagris caeca* E. Simon. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 105-110. Feb./May 1940. 410.9 P213
- 12607 \*VACHON, M. Sur une variété nouvelle de *Pachybolus laminatus* Cook (myriapodes, diplopodes, spirobolides). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 327-331. July/Sept. 1942. Ref. 410.9 P213
- Includes *Pachybolus laminatus milloti* n. var.
- 12608 \*BALAZUG, L. Un cas de schistomélie chez un carabique (*Omaseus melanarius*) (Col.). Soc. Ent. de France, B. 47: 13. Jan. 1942. 420 F84B
- Describes abnormal antenna.
- 12609 \*BALAZUC, J. Une monstruosité rare chez un *Tenebrio molitor* L. (Col. Tenebrionidae). Soc. Ent. de France, B. 48: 9-11. Jan. 1943. 420 F84B
- 12610 \*BASILEWSKY, P. Descriptions de coléoptères Carabidae nouveaux de l'Afrique tropicale et notes diverses sur des espèces déjà connues. Soc. Ent. de France, B. 48: 78-80. May 1943. 420 F84B
- Includes n. spp. and forms in: *Graphipterus*; *Piezia*; *Trienogenius*; *Styphlomerus*.
- 12611 \*BECK, P. Description d'une variété nouvelle de *Pucaya castanea* (Col. Dynastidae). Soc. Ent. de France, B. 47: 47-48. Mar. 1942. 420 F84B
- P. castanea columbiana* n. var.
- 12612 BERGAMIN, J. A broca do café "Hipothenemus" g. e. *Stephanoderes*, hampei" (Ferrari, 1867). São Paulo (State). Supt. dos Serv. do Café, B. 20 (215): 6-14. (To be cont.) Jan. 1945. 68.29 Sa63
- 12613 \*BERTRAND, H. La nymphose et l'éclosion chez *Eubria palustris* L. (Col. Dascillidae). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 129-131. Feb./May 1940. 410.9 P213
- 12614 BOSQ, J. M. Un predator de importancia que frecuentemente se olvida. *Coccinella ancoralis* Germ. (Col. Coccinellidae). Rev. Chilena de Hist. Nat. Pura y Aplicada 46/47: 142-144. 1942/1943, pub. 1944. 410 R325
- 12615 BROWN, E. Twig-cutting weevil (*Rhynchites coeruleus*). Gard. Chron. (ser. 3) 117: 288. June 30, 1945. 80 G162
- 12616 CAVENDISH, R. A. E. Plantation pest, *Anthonomus grandis*. Fauna (Philadelphia), 7: 48-49. June 1945. 410 F27
- Illustrations with accompanying text.
- 12617 \*CHAUVIN, R. La prise de nourriture chez les galéruques de l'orme (*Galerucella xanthomelaena*) et les cassides g. e. *Canadida*. Soc. Ent. de France, B. 47: 61-62. Apr. 1942. 420 F84B
- 12618 \*COLAS, G. Les *Calathus* de la Gomère (Col. Carabidae). Soc. Ent. de France, B. 48: 53-58. Apr. 1943. 420 F84B
- Includes *Calathus gomerensis* n. sp.
- 12619 \*COLAS, G. Coléoptères carabiques recueillis par M. Volkonsky dans l'Adrar des Iforas. Soc. Ent. de France, B. 48: 102-104. July 1943. 420 F84B
- Includes *Graniger volkonskii* n. sp.
- 12620 \*COLAS, G. Note sur un *Brachynus* nouveau de France (Col. Carabidae). Soc. Ent. de France, B. 47: 183-184. Dec. 1942. 420 F84B
- Brachynidius maublancii* n. sp.
- 12621 \*COLAS, G. Note sur un *Zabrus* nouveau d'Espagne (Col. Carabidae). Soc. Ent. de France, B. 47: 113-115. Aug. 1942. 420 F84B
- Pelor (Iberoabrus) pécaudi* n. sp.
- 12622 \*COLAS, G. Notes sur quelques coléoptères carabiques recueillis par M. Volkonsky dans l'Adrar des Iforas. Soc. Ent. de France, B. 47: 79-80. May 1942. 420 F84B
- Includes *Cicindela vicina pauliani* n. sp.
- 12623 \*DUSSY, J. La lutte contre les doryphores. Rev. des Agr. de France 73: 129-132. May 1941. 14 R325
- Use of arsenicals against *Leptinotarsa decemlineata*.
- 12624 EDMONTON, W. E., and VINING, H. W. Field tests with D.D.T. against apple blossom weevil (*Anthonomus pomorum*). Fruit Grower, Fruiterer, Florist & Market Gard. 100(2588): 44, 48. July 19, 1945. 80 F941
- 12625 \*FAGNIEZ, C. Note sur la validité du *Deletum schaeferi* Jacquet. Soc. Linn. de Lyon. B. Mens. 13: 54. Apr. 1944. 50b L992B
- 12626 FAIRBURN, E. A new beetle of the genus *Mecodema* (*M. allani*). Roy. Soc. New Zeal. Trans. and Proc. 74: 408-410. Mar. 1945. 514 W46



- 12627 \*FRYTAUD, J. Les solutions alcalines et le doryphore (*Leptinotarsa decemlineata*). Acad. d'Agr. de France. Compt. Rend. 29(1): 28-29. Jan. 6, 13, 1943. 14 P215Bc  
Sodium carbonate and ammonium carbonate were not toxic to larvae and caused burning of foliage.
- 12628 FISHER, W. S. A new species of *Oberon* (O. *canadensis*; from Canada (Coleoptera, Cerambycidae). Canad. Ent. 77: 56. Mar. 1945. 421 C16
- 12629 VLEUTIAUX, E. Description d'un *Xylobius* nouveau (*X. basalis*; (Col. Eucnemidae). Soc. Ent. de France. B. 47: 28. Feb. 1942. 420 F84B
- 12630 \*GUIGNOT, F. Dytiscides et gyrrinides du Cameroun (Coleoptera). (Mission Lepesme, Paulian, Villiers en 1939.) Soc. Ent. de France. B. 47: 185-160. Nov. 1942. 420 F84B  
Includes n. spp. and forms in: *Cybister* 3; *Dineutus* 2; *Orectogyrus*.
- 12631 \*GUIGNOT, F. Un problème de nomenclature au sujet des *Noterus clavicornis* et *crassicornis* (Col. Dytiscidae). Soc. Ent. de France. B. 48: 12-18. Jan. 1943. 420 F84B
- 12632 GUTIERREZ, R. Algunos Scarabaeidae de Satipo (Perú). Rev. Chilena de Hist. Nat. Fura y Aplicada 46/47: 197-198. 1942/1943, pub. 1944. 410 R325
- 12633 GUTIERREZ, R. Contribuciones al conocimiento de los Scarabaeidae chilenos. La tribu Liparetrini (Melolonthinae). Rev. Chilena de Hist. Nat. Fura y Aplicada 46/47: 117-131. 1942/1943, pub. 1944. Ref. 410 R325
- 12634 \*H. Vom Nutzen des marienkäfers (himmlsgüggeli) (Coccinellidae). Schweiz. Gart., No. 2, p. 54-55. Feb. 1945. 80 Sch93
- 12635 \*HOFFMANN, A. Description d'un genre nouveau, *Paraxyleborus*, et observations diverses sur plusieurs espèces de Scolytidae (Col.) de la faune française. Soc. Ent. de France. B. 47: 72-74. May 1942. 420 F84B
- 12636 HOFFMANN, C. H., and ANDERSON, R. F. Effect of southern pine beetle (*Dendroctonus frontalis*, on timber losses and natural restocking. J. Forestry 43: 436-439. June 1945. 99.8 F768
- 12637 \*HUSTACHE, A. A propos du genre *Peritmetus* Kolbe (Curc.). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 335-37. July/Sept. 1942. 410.9 P213
- 12638 \*IABLOKOV, A. Deux longicornes nouveaux pour le Bassin de la Seine. Soc. Ent. de France. B. 47: 118-119. Aug. 1942. 420 F84B  
*Discus* *Acanthopis marginata*; *Menesia bipunctata*.
- 12639 \*IABLOKOV, A. Une nouvelle station de *Dromeculus* (l. e. *Dromeculus*; *barnabita* Vill. (Col. Eucnemidae). Soc. Ent. de France. B. 47: 119-120. Aug. 1942. 420 F84B
- 12640 \*ISSAC, P. V. Insect pests of dehydrated meat and fish. Indian Farming 5: 564-565. Dec. 1944. 22 In283  
*Discus* *Dermestes vulpinus* and *Necrobia rufipes*.
- 12641 \*JACQUET, J. Paraleirides bickardti Dev. Soc. Linn. de Lyon. B. Mens. 13: 54-55. Apr. 1944. 505 L992B
- 12642 \*JEANNEL, R. Un nouvel Haptoderus des Pyrénées-Orientales (Col. Carabidae). Soc. Ent. de France. B. 48: 63. Apr. 1943. 420 F84B  
*Discus* *Haptoderus* (*Pyreneorites*) *champenoisi*.
- 12643 \*KAUFMANN, F. Der apfelblütenstecher (*Anthonomus pomorum*, und seine bekämpfung. Schweiz. Gart., No. 2, p. 50-51. Feb. 1945. 80 Sch93
- 12644 KULASH, W. M. Flea beetles and leafhoppers. Res. and Farming. N. C. Sta. Prog. Rpt. 3(2): 10, 12. Jan. 1945. 100 N81R  
Control of *Epitrix cucumeris*, *E. parvula*, and *Empoasca fabae*.
- 12645 LANGFORD, G. S., MUMA, M. H., and CORY, E. N. DDT as an automatic killing agent in Japanese beetle (*Popillia japonica*), traps. J. Econ. Ent. 38: 199-201. Apr. 1945. 421 J822
- 12646 LANGFORD, G. S., and CORY, E. N. DDT to control Japanese beetles (*Popillia japonica*), on fruit. J. Econ. Ent. 38: 202-204. Apr. 1945. 421 J822
- 12647 \*LEPESME, P., and VILLIERS, A. Les longicornes du caféier en Afrique intertropicale. France. Dir. de l'Agr., de l'Elevage et des Forêts, Sect. Tech. d'Agr. Trop. Trav. Ser. 1, p. 27-70. 1944. Ref. 26 F84  
*Bixadus sierricola* most injurious.
- 12648 \*LEPESME, P. Scolytides des hautes montagnes africaines (Coléopt.). I-II. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 203-208, 268-271. Mar., Apr./June 1942. 410.9 P213  
Contents: I. Le genre *Kissophagus*; II. Le genre *Thamurgus*.  
Includes n. spp. in: *Kissophagus* 3; *Thamurgus* 5.
- 12649 \*LEPESME, P. Sur l'éclosion et le comportement de la larve néonate chez *Acanthoscelides obsolatus* Say (Col. Brachidae). Soc. Ent. de France. B. 47: 7-9. Jan. 1942. 420 F84B
- 12650 \*LEPESME, P. Un *Xyleborus* inédit de l'Étinde (Col. Ipidae). Soc. Ent. de France. B. 47: 120-121. Aug. 1942. 420 F84B  
*Xyleborus gezei* n. sp.
- 12651 MALKIN, B. A supplement to the New York State list of Coleoptera, No. 6, additions and corrections. N. Y. Ent. Soc. J. 53: 91-116. June 1945. Ref. 420 H42J
- 12652 \*MARIE, R., and LESME, P. Supplément au "Catalogue des Coléoptères de la Région Malgache décrits ou mentionnés par L. Fairmaire (1849-1906)." Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 170-171. Feb./May 1940. 410.9 P213
- 12653 MARTINEZ, A. Insectos nuevos o poco conocidos - III. (Col. Scarabaeidae). Soc. Ent. Argentina. Rev. 12: 260-279. Feb. 28, 1945. 420 S414  
Reviews the genus *Anomioscoides*.
- 12654 \*MEQUIGNON, A. Captures en plaine de *Melosoma lapponicum* L. (Col. Chrysomelidae). Soc. Linn. de Lyon. B. Mens. 13: 30-31. Feb. 1944. 505 L992B
- 12655 \*MEQUIGNON, A. Un carabique (*Agonum* (*Platynus*) *longiventris*; oublié de la faune française. Soc. Ent. de France. B. 48: 98-99. June 1942. 420 F84B
- 12656 \*MEQUIGNON, A. Voyage de MM. L. Chopard et A. Méquignon aux Açores (août-septembre 1940). XIII. Diagnoses de coléoptères nouveaux. Soc. Ent. de France. B. 47: 9-11. (To be cont.) Jan. 1942. 420 F84B  
New gen.: *Alestrus*, n. spp. and forms in: *Gyrinus*; *Xantholinus*; *Holoparamesus*; *Rhopalomesites*; *Pseudophloeophagus*; *Leprococcus* (*Drometius*) n. gen.
- 12657 MORETON, B. D. Weevil (*Sitona lineatus*), enemy of lucerne. Farmer & Stock-Breeder 59: 969. June 19, 1945. 10 F222  
"P. P. Flea Beetle Dust" an effective control.
- 12658 OTOYA A., F. El gorgojo de las palmas: *Rhynchophorus palmarum*. Agr. Trop. 1(1): 49-50. Feb. 1945. 26 Ag2  
Methods of control.
- 12659 \*PAULIAN, R. Coléoptères Cetonidae (l. e. Cetoninae; du Cameroun. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 418-417. 1940. 410.9 P213  
New spp.: *Pachnoda ratorum*, *Smargadestes delislei*.
- 12660 \*PAULIAN, R. Coléoptères curculionides du Cameroun. I-III. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 548-555; 14: 198-202, 272-275. Dec. 1941, Mar., Apr./June 1942. 410.9 P213  
Contents: I. *Trigonocolini*; II. Genre *Peritmetus*; III. Le genre *Pachyonyx*.  
Includes n. spp. in: *Trigonocolus* 5; *Peritmetus* 3; *Pachyonyx* 2.
- 12661 \*PAULIAN, R. Coléoptères Histeridae du Cameroun. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 418-419. 1940. 410.9 P213  
Includes *Pachyrus etcheberi* n. sp.



- 12662 \*PAULIAN, R. Coléoptères Scarabaeidae nouveaux. Soc. Ent. de France. B. 47: 58-61. Apr. 1942. 420 F84B  
New spp. in: Caccobius; Flaglogonius; Volinus; Heptaulacus; Fleurophorus.
- 12663 \*PAULIAN, R. Coléoptères scarabéides de l'Adrar des Iforas. Soc. Ent. de France. B. 47: 74-77. May 1942. 420 F48B  
Includes *Didactylia volkonaskyi* n. sp.
- 12664 \*PAULIAN, R. La larve de *Rhyssomodes orientalis* Muls. et God. (Col. Scarabaeidae). Soc. Ent. de France. B. 47: 129-131. Aug. 1942. 420 F84B
- 12665 \*PEYERIMHOFF, P. DE. Description d'un nouveau Crypticus (Col. Tenebrionidae) des cénariés. Soc. Ent. de France. B. 47: 11-12. Jan. 1942. 420 F84B  
Crypticus (*Seriscius*) *alluaudi* n. sp.
- 12666 \*PEYERIMHOFF, P. DE. Récoltes entomologiques faites par L. Berland à Villa-Cisneros (Rio de Oro) coléoptères. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 215-222. Mar. 1942. 410.9 P213  
Includes n. spp. in: Lithophilus; Oxycara; Cneorhinus; Pachytychius.
- 12667 \*PEYERIMHOFF, P. DE. Les Rhipidius peuvent-ils parasiter les chenilles? (Col. Rhipiphoridae.) Soc. Ent. de France. B. 47: 172-177. Dec. 1942. 420 F84B
- 12668 \*PEYERIMHOFF, P. DE. Sur un coléoptère nouveau [Oxycara chudeaui n. sp.] du Rio de Oro. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 276-277. Apr./June 1942. 410.9 P213
- 12669 \*PIC, M. Coléoptères nouveaux de la Côte d'Ivoire (Mission P. Lepesme, R. Paulian et A. Villiers, 1939). Soc. Ent. de France. B. 47: 45-46. Mar. 1942. 420 F84B  
New spp. in: Hylophilus; Mordellistena; Apalochrus 2.
- 12670 \*PIC, M. Coléoptères nouveaux de l'Adrar des Iforas. Soc. Ent. de France. B. 47: 77-79. May 1942. 420 F84B  
New spp. in: Flabellomelyris n. g.; Formicomus; Zonabris 2; Antipus; Coptocephala; Syagrus 2.
- 12671 \*PIC, M. Coléoptères nouveaux du Cameroun. Soc. Ent. de France. B. 47: 149-151. Oct. 1942. 420 F84B  
New spp. and forms in: Pelocherops; Cyphon 2; Scirtes; Anthicus; Scaptia 5.
- 12672 \*PIERRE, ABBE. Sur l'habitat, le forage et la capture de *Menesia bipunctata* Zubk. (Col. Cerambycidae). Soc. Ent. de France. B. 48: 58-60. Apr. 1943. 420 F84B
- 12673 \*PITON, L. E. Un buprestide nouveau [Sphenoptera veyreti n. sp.] du Sénégal. Soc. Linn. de Lyon. B. Mens. 13: 90-92. June 1944. 505 L992B
- 12674 \*SAINT-ALBIN, E. DE. Contribution à l'étude des histérides gallo-rhéniens. II-III. Soc. Ent. de France. B. 47: 151; 48: 21-25. Oct. 1942, Feb. 1943. 420 F84B  
*Hister ignobilis schmidtianus* n. var.
- 12675 \*SALCEDO, L. F. La pulga [Chaetocnema tibialis] de Benito. Agricultura [Madrid] 14: 176-179. Apr. 1945. 15 Ag84  
Calcium arsenate dust most effective control.
- 12676 \*SCHAEFER, L. Huitième note sur les buprestides. Soc. Linn. de Lyon. B. Mens. 13: 55-58, 77-78. Apr., May 1944. 505 L992B  
Includes 4 n. ab. in Anthaxia.
- 12677 \*SPHENOPTERA ardua Cast. et Gory appartient-til à la faune française? Soc. Linn. de Lyon. B. Mens. 13: 5-7. Jan. 1944. 505 L992B  
Contents: Analysis of the note by A. Théry, p. 5-6; Reply by L. Schaefer, p. 6-7.
- 12678 \*SWITZERLAND. FEDERAL EXPERIMENT AND SEED TESTING STATION, LAUSANNE (MONT CALME). The Colorado beetle (*Leptinotarsa decemlineata*) in French Switzerland. Situation on August 1, 1943. Internatl. Inst. Agr. Internatl. Rev. Agr. 34: 153M-155M. Nov./Dec. 1943. 241 In82A
- 12679 \*TEMPÈRE, G. Remarques sur *Hypurus bertrandi* Perris (Col. Curculionidae). Soc. Linn. de Lyon. B. Mens. 13: 78-80. May 1944. 505 L992B
- 12680 \*THÉRY, A. Description de deux Anthaxomorphus nouveaux de la faune orientale (Col. Buprestidae). Soc. Ent. de France. B. 48: 120-122. Aug. 1943. 420 F84B  
*Anthaxomorphus coomani* and *A. maindroni* n. spp.
- 12681 \*THÉRY, A. Note sur le genre *Yamina* Kerr. et description d'une espèce nouvelle (Coleoptera Buprestidae). Soc. Ent. de France. B. 47: 131-133. Aug. 1942. 420 F84B  
Includes *Y. dumonti* n. sp.
- 12682 THOMSON, D. K. S. Apple twig-cutting weevil [Rhynchites coerulescens]. Fruit Grower, Fruiterer, Florist & Market Gard. 100(2587): 31. July 12, 1945. 80 F941
- 12683 TOOKE, F. G. C. Report on the silver leaf tree borer [Sphenoptera sinuosa]. Bot. Soc. So. Africa. J., pt. 30, p. 9-13. 1944. 451 B657
- 12684 TRUJILLO PELUFFO, A. El "taladro" causa grandes daños en los frutales y forestales de nuestro país. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 213. May 10, 1946. 9.9 G15B  
Includes methods of control.
- 12685 \*VAYSSIERE, P. Le charançon du riz et les légumes secs. Acad. d'Agr. de France. Compt. Rend. 29: 449-450. Oct. 13/20, 1943. 14 P215Bc  
Discusses *Sitophilus granarius*, *S. oryza*.
- 12686 \*VILLIERS, A. Coléoptères Cerambycidae du Cameroun. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 266-271. Oct. 1941. 410.9 P213  
Includes n. spp. in: Bangalaia; Synapsesha 2; Obereopsis.
- 12687 \*VILLIERS, A. Un nouveau Trechodes [T. lepesmei] du Cameroun (Coléopt. Carabidae). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 420-421. 1940. 410.9 P213
- 12688 \*VILLIERS, A. Observations sur quelques Cerambycidae de l'Afrique du Nord (Coleoptera). Soc. Ent. de France. B. 47: 13-16. Jan. 1942. 420 F84B
- 12689 \*VILLIERS, A. Voyage de Ch. Alluaud et R. Jeannel en Afrique Orientale (1911-1912). Coléoptères Cerambycidae, genre *Mecynome* Bates. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 172-176. Feb./May 1940. 410.9 P213  
Includes n. spp. in: *Mecynome* (*Niphoparmena*) 5; *M. (Trichoparmena)*.
- 12690 WALLACE, G. R. To combat black beetle [Heteronychus sanctae-helenae] pest; interesting research by Dept. entomologist. Land [Sydney], No. 1746, p. 14. May 18, 1945. 23 L22
- 12691 WITTMER, W. Nuevos Cantharidae (Col.). (4.ª contribución al conocimiento de los Malacodermata Neotrópicos.) Soc. Ent. Argentina. Rev. 12: 313-326. Feb. 28, 1945. 420 Sol4  
New spp. in: *Discodon* 10; *Silidiscodon*; *Plectonotum*; *Silis* 3; *Maltypus* 2.
- 12692 WOODWARD, H. R. The Mexican bean beetle [Epilachna varivestis]. N. and S. Dak. Hort. 18: 104. July 1945. 81 N817

## DIPTERA

- 12693 ALEXANDER, C. P. Undescribed species of crane-flies from the western United States and Canada (Dipt.: Tipulidae). Part IV. Ent. News 56: 155-161. June 1945. 421 En88  
New spp. in: *Limonia*; *Erioptera*; *Ormosia*; *Molophilus*.
- 12694 ANTONIO CASOS, G. "Sinusitis parasitaria" y "cenurias cerebral" de los ovinos. Campo [Buenos Aires] 29(343): 12, 20-21. May 1946. 9 G15  
Caused by *Oestrus ovis* and *Coenurus cerebralis*.
- 12695 \*BAYARD, A., and CARAYON, J. Captures précoces de diptères dans la région parisiennne. Deux espèces [Philygriola semialata, Pachycerina vulchra] nouvelles pour la France. Soc. Ent. de France. B. 48: 104-105. July 1943. 420 F84B



- 12696 BOLIVAR Y FIELTAIN, C. La mosca mexicana de las frutas (*Anastrepha ludens*) y las plantas que ataca. *Ciencia* 6: 177-179. (To be cont.) May 18, 1945. 475 C48
- 12697 BRIDAROLLI, A. J. Alotipo hembra de *Apocephalus marginatus* Borgmeier (Dipt., Phor.). *Soc. Ent. Argentina. Rev.* 12: 244-245. Feb. 28, 1945. 420 Sc14
- 12698 CUMMINGS, M. B. Apple maggot, *Rhagoletis pomonella*, control. *Rural New-Yorker* 104: 337. July 1945. 6 R88
- 12699 FATTIG, P. W. The Asilidae or robber flies of Georgia. *Emory U. Mus. B.* 3, 33 p. Atlanta, 1945. 500 Em6
- 12700 GOFFE, E. R. Pairing of *Panthesilea* (olim *criornina*) *ramunculi* (Panzer) (Diptera, Syrphidae). *Entomologist* 78: 92. June 1945. 421 En8
- 12701 \*GUIBE, J. Présence d'*Eccoptomera microps* Meigen (Dipt.) en Normandie. Conformation de l'appareil copulateur mâle. *Soc. Ent. de France. B.* 47: 71-72. May 1942. 420 F84B
- 12702 \*HARANT, H., and GALAN, G. Notes sur les diptères de la région méditerranéenne. IV, VI. *Soc. Ent. de France. B.* 47: 56-58; 48: 122-123. Apr. 1942, Aug. 1943. 420 F84B
- Contents: IV. *Forcipomyia cattleyarum*, n. sp.; VI. *Forcipomyia suzierei*, n. sp.
- 12703 LINDQUIST, A. W., and others. DDT as a residual-type treatment for control of houseflies (*Musca domestica*). *J. Econ. Ent.* 38: 257-261. Apr. 1945. 421 J822
- A. H. Madden, H. G. Wilson, and E. F. Knipling, joint authors.
- 12704 LINDQUIST, A. W., and others. Effect of temperatures on knockdown and kill of houseflies (*Musca domestica*), exposed to DDT. *J. Econ. Ent.* 38: 261-264. Apr. 1945. 421 J822
- H. G. Wilson, H. O. Schroeder, and A. H. Madden, joint authors.
- 12705 MARTIN MENDY, R. El gusano del estomago (*Gasterophilus nasalis*), de los yeguarizos o gastrofilosis equina. *Campo* (Buenos Aires) 29(343): 6, 8-9, 37, 58. May 1945. 9 C15
- 12706 \*MATHESON, R. Descriptions of two new species, *Paratrachobius anduzei* and *Nycteribosca franclemonti* (Streblidae, Diptera, Pupinara). *J. Parasitol.* 31: 191-194. June 1945. 448.8 J824
- 12707 MORRISON, H. E., MOTE, D. C., and BAS-MUSSEN, W. B. DDT to control the carrot rust fly (*Pila rosae*). (Sci. note.) *J. Econ. Ent.* 38: 283. Apr. 1945. 421 J822
- 12708 MUIRO, J. A., REDMAN, K., and LONGWELL, J. H. Effectiveness of DDT against flies in livestock barns. *W. Dak. Agr. Expt. Sta. Bimo. B.* 7(5): 21-23. May/June 1945. 100 N813B
- 12709 \*NAJERA ANGULO, L. Descripción de un dispositivo nuevo para la cría de *Phlebotomus* (i. e. *Flebotomus*). *Riv. di Biol. Colon.* 3: 445-456. Dec. 1940. Ref. 442.8 R522
- 12710 PARKIN, M. A., and GREEN, A. A. Residual films of D.D.T. *Nature* (London) 155: 668. June 2, 1945. 472 N21
- Increase in toxicity to houseflies noted after four weeks.
- 12711 POULSON, D. F. Chromosomal control of embryogenesis in *Drosophila*. *Amer. Nat.* 79: 340-363. July/Aug. 1945. Ref. 470 Am36
- Experiments on *D. ampelophila*.
- 12712 RAPP, W. F., JR., and COOPER, J. L. Checklist of the Psychodidae of Europe. *N. Y. Ent. Soc. J.* 53: 117-126. June 1945. 420 N48J
- 12713 RAPP, W. F., JR. Opinion 152 of the International Commission of Zoological Nomenclature. *Science* 102: 17-18. July 6, 1945. 470 Sc12
- Refers to validation of the Meigen genera - *Diptera*, 1800.
- 12714 RUSSO, G. The olive fly (*Dacus oleae*) on the Tuscan littoral during 1942. *Internatl. Inst. Agr. Internatl. Rev. Agr.* 34: 151M-153M. Nov./Dec. 1943. 241 In82A
- 12715 SCHROEDER, H. O., and others. Residual action of DDT aerosols against houseflies (*Musca domestica*). (Sci. note.) *J. Econ. Ent.* 38: 277-278. Apr. 1945. 421 J822
- A. H. Madden, H. G. Wilson, and A. W. Lindquist, joint authors.
- 12716 \*SEGUY, E. Récoltes entomologiques de M. L. Berland a Villa Cisneros (Rio de Oro). Insectes d'intérêt. *Paris. Mus. Natl. d'Hist. Nat. B.* (ser. 2) 12: 340-343. 1940. 410.9 P213
- Includes: *Lioba berlandi* n. sp.; *L. microchaeta* n. sp.
- 12717 \*SENIOR-WHITE, R. Some notes on the life-history of *Musca planiceps* Wied. *Indian J. Vet. Sci. and Anim. Husb.* 14: 123-125. June 1944. 41.8 In22
- 12718 SOUTHERN RHODESIA. TRYPANOSOMIASIS COMMITTEE. The scientific basis of the control of Glossina moritans by game destruction. *Rhodesia Agr. J.* 42: 124-128. Mar./Apr. 1945. 24 R34
- 12719 \*TARANTINO, G. B. Gli insetti nocivi agli allevamenti in A. O. I. *Azione Vet.* 21: 75-77. Mar. 1943. 41.8 Az3
- Glossina spp. and trypanosomiasis in Italy's African colonies.
- 12720 TURNER, R. G. Human creeping myiasis; report of a case. *Brit. Med. J.* 1945, 2(4409): 11-12. July 7, 1945. 448.8 B77
- Larva of *Hypoderma bovis*.
- 12721 ULLYETT, G. C. Species of *Lucilia* attacking sheep in South Africa. *Nature* (London) 155: 636-637. May 26, 1945. 472 N21
- 12722 \*VILLENEUVE DE JANTI, J. A propos de *Zenillia bicincta* Villen. (Dipt.). *Soc. Ent. de France. B.* 48: 100-101. July 1943. 420 F84B
- Includes *Zenillia stativa* n. sp., *Zelindopsis duplaris* n. g., n. sp.
- 12723 \*VILLENEUVE DE JANTI, J. Descriptions de myodaires supérieurs nouveaux (Dipt. Tachinidae). *Soc. Ent. de France. B.* 47: 50-55. Apr. 1942. 420 F84B
- New spp. in: *Helocera* (i. e. *Eloceria*); *Pollenionis* 2; *Platyschineria* n. g.; *Pseudonerichaeta*; *Macquartia*; *Chaetoptilia*; *Minthodes*; *Catharosia*; *Bucentes*.
- 12724 \*VILLENEUVE DE JANTI, J. Espèces inédites de la famille des Larvaevoridae (Dipt.). *Soc. Ent. de France. B.* 47: 133-135. Aug. 1942. 420 F84B
- New spp. in: *Actia* 2; *Rhinotachina*.
- 12725 \*VILLENEUVE DE JANTI, J. Myodaires supérieurs inédites (Dipt.). *Soc. Ent. de France. B.* 36-40. Mar. 1943. 420 F84B
- New spp. in: *Sturmia* 6; *Thelairosona* 3.
- 12726 \*WAGENKNECHT HUSS, R. Consideraciones zoonográficas de los midasideos chilenos. *Rev. Chilena de Hist. Nat. Pura y Aplicada* 46/47: 131-133. 1942/1943, pub. 1944. 410 R326
- 12727 WHITEHEAD, S. How to control onion fly (*Hyalemya antiqua*); a serious pest which is readily controlled. *Gard. Illus.* 64: 615. July 1946. 80 G169
- 12728 \*ZUMPT, F. Magenfliegen (*Gasterophilus* spp.) und hautmehlurwt. *Bernhard Nocht-Inst. f. Schiffe- u. Tropenkrankheiten. Merkbl. No. 9*, 8 p. Leipzig, 1941. Ref. 449.8 Ar22
- Reprint from *Deut. Tropenmed. Z.* 45(18). 1941.

## Culicidae

- 12729 COOPER, T., and WESSELS, A. L. Malaria epidemic aboard an LST. *U. S. Bur. Med. and Surg. U. S. Nav. Med. B.* 45(1): 54-56. July 1945. 153.45 Un3

Mosquitoes considered most significant factor.



- 12730 \*CORRADETTI, A. Le conoscenze sulla distribuzione delle specie anofeliche nell'Africa Orientale Italiana. Riv. di Biol. Colon. 3: 419-429. Dec. 1940. Ref. 442.8 B522
- 12731 DAVIS, H. E. Clearing of TVA reservoir areas aids mosquito control. Engin. News-Rec. 135: 108-111. July 12, 1945. 290.8 En34
- 12732 DEONIER, C. C., and others. DDT as an anopheline [Anopheles quadrimaculatus, larvicide - laboratory tests. J. Econ. Ent. 38: 241-243. Apr. 1945. 421 J822  
J. D. Maple, H. A. Jones, E. Hinchey, and P. M. Fide, joint authors.
- 12733 DEONIER, C. C., and others. DDT as an anopheline [Anopheles spp., larvicide: preliminary field studies. J. Econ. Ent. 38: 244-249. Apr. 1945. 421 J822  
R. W. Burrell, J. D. Maple, and J. H. Cochran, joint authors.
- 12734 GAHAN, J. B., TRAVIS, B. V., and LINDQUIST, A. W. DDT as a residual-type spray to control disease-carrying mosquitoes: laboratory tests. J. Econ. Ent. 38: 236-240. Apr. 1945. 421 J822
- 12735 GAHAN, J. B., and others. DDT as a residual-type treatment to control Anopheles quadrimaculatus: practical tests. J. Econ. Ent. 38: 231-235. Apr. 1945. 421 J822  
B. V. Travis, F. A. Morton, and A. W. Lindquist, joint authors.
- 12736 GAHAN, J. B., and LINDQUIST, A. W. DDT residual sprays applied in buildings to control Anopheles quadrimaculatus. J. Econ. Ent. 38: 223-230. Apr. 1945. 421 J822
- 12737 GARNHAM, P. C. C. Malaria epidemics at exceptionally high altitudes in Kenya. Brit. Med. J. 1945, 2(4410): 45-47. July 14, 1945. 448.8 B77  
Includes Anopheles survey and states that A. gambiae is the principal vector.
- 12738 GOOD, N. E. A list of the mosquitoes of the District of Columbia. Wash. Ent. Soc. Proc. 47: 168-179. June 1945. Ref. 420 W27
- 12739 JACKSON, R. B. Mosquito control. Water Works and Sewerage 92: 233-234. July 1945. 290.8 M92
- 12740 LINDQUIST, A. W., and others. DDT and pyrethrum aerosols to control mosquitoes and houseflies under semi-practical conditions. J. Econ. Ent. 38: 255-257. Apr. 1945. 421 J822  
B. V. Travis, A. H. Madden, H. O. Schroeder, and H. A. Jones, joint authors.
- 12741 METCALF, R. L., and others. Observations on the use of DDT for the control of Anopheles quadrimaculatus. Pub. Health Rpts. 60: 753-774. July 6, 1945. 151.65 P96  
A. D. Hess, G. E. Smith, G. M. Jeffery, and G. W. Ludwig, joint authors.
- 12742 \*MONCHADSKIĬ, A. S. O mekhanizme pishchevarenia i lichinok Chaoborus (Diptera, Culicidae) (On the mechanism of digestion in the larvae of Chaoborus (Diptera, Culicidae). Zool. Zhur. 24: 90-98. 1945. Ref. 410 R92  
English summary.
- 12743 PIERCE, D. M. Progress report on Michigan's mosquito survey. Mich. Pub. Health 33: 129-130. July 1945. 449.7 M58M
- 12744 RICHARDS, A. G., JR., and WEYGANDT, J. L. The selective penetration of fat solvents into the nervous system of mosquito larvae. N. Y. Ent. Soc. J. 53: 153-165. June 1945. 420 N48J  
Experiments on Culex pipiens and Aedes aegypti.
- 12745 \*ROUBAUD, E. Les irrigations agricoles et la production des moustiques. Acad. d'Agr. de France. Compt. Rend. 30: 183-184. Mar. 29, 1944. 14 P215Bc  
As breeding places for Anopheles and Aedes mosquitoes.
- 12746 \*SAUTET, J., and AUDIBERT, Y. Le rythme cardiaque des larves de moustiques, en asphyxie. Soc. de Biol. [Paris] Compt. Rend. 138: 679-680. Sept. 1944. 442.9 P21  
Experiment with Culex pipiens and Théobaldia longiareolata.
- 12747 \*SAUTET, J., and ORTOLI, M. F. D'. Variations biologiques et morphologiques de l'Anopheles maculipennis. Soc. de Biol. [Paris] Compt. Rend. 138: 680-682. Sept. 1944. 442.9 P21
- 12748 SCOTT, O. K., RICHARDS, C. S., and SEAMAN, E. A. Experimental infection of southern California mosquitoes with Wuchereria bancrofti. J. Parasitol. 31: 195-197. June 1945. 448.8 J824
- 12749 U. S. OFFICE OF THE SURGEON GENERAL. Filariasis (Wuchereria) with special reference to early stages. War. Med. 7(6): 377-384. June 1945. 448.8 W19  
U. S. Office of the Surgeon General TB Med 142.  
Includes discussion of distribution and control of mosquito vectors.
- 12750 \*WEYER, F. Die gelbfiebermücke [Aedes aegypti]. Bernhard Nocht-Inst. f. Schiffs- u. Tropenkrankheiten. Merkbl. No. 8, 8p. Leipzig, 1943. 449.8 Ar22  
Reprint from Deut. Tropenmed. Z. 45(15): 1941.
- 12751 WISECUP, C. B., and DEONIER, C. C. DDT for the control of Psorophora mosquitoes. J. Econ. Ent. 38: 250-252. Apr. 1945. 421 J822

## HEMIPTERA (HETEROPTERA AND HOMOPTERA)

- 12752 \*BALACHOWSKY, A., and RICARDEAU, D. Sur un nouveau genre [Murataspis] de Coccoidea vivant sur Tamarix dans le Sahara nord-africain avec description d'une espèce nouvelle. Soc. Ent. de France B. 47: 100-103. June 1942. 420 F84B
- 12753 BEAMER, R. H. The genus Kalisia in America north of Mexico (Homoptera - Fulgoroidea - Delphacinae). Kans. Ent. Soc. J. 18: 100-108. July 1945. 420 K13  
Includes 7 n. spp.
- 12754 \*CAIRASCHI, E. A., and ARNOUX, J. Contribution à l'étude des aphides de France. (6<sup>e</sup> note.) Soc. Ent. de France. B. 48: 117-120. Aug. 1943. 420 F84B  
Contents: I. Sur un aphide nouveau [Rhopalosiphum bupleuri n. sp., de la région parisienne, p. 117-119; II. Sur une variation de Eriosoma lanuginosum Hartig, p. 119-120; III. Additions à la faune de France, p. 120.
- 12755 COX, J. A. DDT for the control of grape leafhoppers [Erythroneura spp., (Sci. note.) J. Econ. Ent. 38: 278-279. Apr. 1945. 421 J822
- 12756 CUTHBERT, N. L., and CUTHBERT, M. J. A cat that eats cicadas [Tibicen linnei]. Ent. News 56: 143. June 1945. 421 En33
- 12757 DEAN, R. W. The apple redbug [Lygidea mendax, as a pest in Hudson Valley orchards. Farm Res. N. Y. State Sta., 11(3): 5-6. July 1, 1945. 100 N48A
- 12758 DITMAN, L. P., and others. DDT aerosols for pea aphid [Macrosiphum pisi] control. J. Econ. Ent. 38: 183-188. Apr. 1945. 421 J822  
F. F. Smith, L. D. Goodhue, and T. E. Bronson, joint authors.
- 12759 DONER, M. H. Biology and identification of bedbugs. Pests 13(7): 5-7. July 1945. 449.8 Ex8  
Discusses Cimex spp., and occasional infestations of Oeciacus vicarius or Cimexopsis myctalis.
- 12760 FENNAH, R. G. The Tropicuchidae of the Lesser Antilles (Homoptera: Fulgoroidea). Wash. Ent. Soc. Proc. 47: 137-167. June 1945. 420 W27  
Includes 17 n. spp., 6 n. g., and 3 n. comb.
- 12761 GONZALEZ FERNANDEZ, P. La filoxera [i. e. Phylloxera]. Chacra 15(176): 38. June 1945. 9 C34



12762 \*GOUX, L. Note sur la constitution du tégument chez la larve d'une aleurode (Aleyrodidae) (Hem.). Soc. de Biol. (Paris) Compt. Rend. 138: 627-628. Sept. 1944. 442.9 P21

12763 \*GOUX, L. Note sur le rôle du géotropisme dans le déterminisme de la localisation sur son hôte de la cochenille *Orthesia urticae* L. (Hem.). Soc. de Biol. (Paris) Compt. Rend. 138: 671-672. Sept. 1944. 442.9 P21

12764 \*GOUX, L. Note sur une levure symbiotique de *Chlamydolecanium conchioides* Goux (Hem. Coccoidea). Soc. de Biol. (Paris) Compt. Rend. 138: 512-513. July 1944. 442.9 P21

12765 \*GOUX, L. Note sur une structure secondaire des stigmates chez certaines larves d'Aleurodes (Hem.). Soc. de Biol. (Paris) Compt. Rend. 138: 597-598. Aug. 1944. 442.9 P21

12766 HAYWARD, C. J. Treatment of citrus pests (Coccidae). Calif. Cult. 92: 385, 395. July 21, 1945. 6 C12

12767 \*JEANNEL, R. Les hénicocéphalides (Enicocephalidae) de Fernando-Po (Hem.). Soc. Ent. de France. B. 48: 114-117. Aug. 1943. 420 F84B

Includes *Compsoderes eidmanni* n. g., n. sp.

12768 KNULL, D. J. Eleven new leafhoppers with notes on others (Homoptera: Cicadellidae). Ohio J. Sci. 45: 103-110. May 1945. 410 Oh3

Includes n. spp. in: *Alconeura*; *Typhlocyba* 2; *Erythroneura* 8.

12769 \*LALLEMAND, V. Homoptères recueillis par M. L. Chopard en Afrique Occidentale (nov. 1938-janv. 1939). Soc. Ent. de France. B. 47: 68-71. May 1942. 420 F84B

Includes n. spp. and forms in: *Zanna*; *Dictyophora*; *Flatina*; *Chopardana* n. g.

12770 LUGINBILL, P., and BENTON, C. DDT to control the chinch bug (*Blissus leucopterus*). (Sci. note.) J. Econ. Ent. 38: 283. Apr. 1945. 421 J822

12771 MADDEN, A. H., LINDQUIST, A. W., and KNIPLING, E. F. DDT and other insecticides as residual-type treatments to kill bedbugs (*Cimex* spp.). J. Econ. Ent. 38: 265-271. Apr. 1945. 421 J822

12772 ORTIZ CAMACHO, A. Aplicación de emulsión de aceite en contra de las cochinillas (Coccidae) de los cítricos. Suelo Argentino 4: 334-335. May 1945. 9 Su2

12773 \*PARROT, A. G. Envahissement progressif de la région de Bayonne-Biarritz par la cochenille australienne: *Icerya purchasi* Mask. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 16: 176-178. May 1944. 410.9 P213

12774 \*POISSON, R. Description d'un *Microvelia* West. madécasse: *Microvelia adrienneae*, n. sp. (Hem. Velidae). Soc. Ent. de France. B. 47: 171-172. Dec. 1942. 420 F84B

12775 \*POISSON, R., and POISSON, A. Sur la synonymie de *Doliffusella minutissima* China 1938 et *Omania coleoprata* Horvath 1915 (Hem. Acanthidae). Soc. Ent. de France. B. 48: 123. Aug. 1943. 420 F84B

12776 \*RUSSO, G. Le fumigazioni cianidriche degli agrumi. Ital. Agr. 79: 305-316. July 1942. 16 It1

Scale insect control.

12777 SCHWING, E. A. The beet root aphid (*Pemphigus betae*). Calif. Cult. 92: 398-399. July 21, 1945. 6 C12

12778 THOMPSON, B. G. DDT to control *Psallus ancorifer* in onions. (Sci. note.) J. Econ. Ent. 38: 277. Apr. 1945. 421 J822

12779 \*VILLIERS, A. Deux nouveaux *Tribelocephalidae* asiatiques (Hem. Reduviidae). Soc. Ent. de France. B. 47: 31-32. Feb. 1942. 420 F84B

*Tribelocephala pullata* n. sp.; *Opistoplatys tonkinensis* n. sp.

12780 \*VILLIERS, A. Nouveaux acanthaspidae d'Afrique orientale (Hem. Reduviidae). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 16: 122-127. Mar./Apr. 1944. 410.9 P213

New spp. in: *Acanthaspis* 2; *Cerilochus* 2; *Platyme-ris*.

12781 \*VILLIERS, A. Les *Polytoxus* d'Afrique (Hem. Reduviidae). Soc. Ent. de France. B. 47: 106-112. June 1942. 420 F84B

Includes n. spp.: *P. schoutedeni*; *P. jeanneli*; *P. flavescens*.

12782 \*VILLIERS, A. Révision des genres *Diaspidius* Westw. et *Heteropinus* Bredd. (Hem. Reduviidae). Soc. Ent. de France. B. 48: 25-31. Feb. 1943. 420 F84B

Includes n. spp. in: *Diaspidius* 2; *Heteropinus* 2.

12783 WHEELER, E. H. DDT to control *Glossonotus crataegi*. (Sci. note.) J. Econ. Ent. 38: 274. Apr. 1945. 421 J822

12784 WILLE, J. E. La filoxera de la vid (*Phylloxera vastatrix*, en los valles de Moquegua y Locumba. Vida Agr. 22: 213-222. Mar. 1945. 9.8 V66

## HYMENOPTERA

12785 \*BENOIST, R. Contribution à la connaissance des hyménoptères de l'Afrique du nord française. Soc. Ent. de France. B. 48: 41-44, 87-88. Mar., June 1943. 420 F84B

Includes n. spp.: *Prosopis berlandi*; *P. luteipes*; *Macroceras agadirensis*; *Megachile arlei*; *M. (Chalicodoma) sefrensis*.

12786 \*BERLAND, L. Les *Xyelidae* de France (Hym. Sessiliventre). Soc. Ent. de France. B. 48: 89-92. June 1943. 420 F84B

Includes *Xyelatana lugdunensis* n. sp.

12787 BLANCHARD, E. E. Dos nuevos icneumonidos, parasitos de *Listroderes* (Hym. Ichneum.). Soc. Ent. Argentina. Rev. 12: 305-309. Feb. 28, 1945. 420 Sol4

*Porizon parkeri* n. sp., *P. argentinensis* n. sp.

12788 \*COMBES. Études sur la vie en sociétés réduites chez les Formica. Ann. des Sci. Nat. Zool. et Biol. Anim. (ser. 11) 3: 164-191. 1941. 410 An7

12789 FLANDERS, S. E. The surplus male; a problem of biological control. Calif. Citrog. 30: 267-268, 275. July 1945. 80 C125

Success with parasitic Hymenoptera against citrus insects depends on maximum production of females.

12790 \*GABLER, H. Probesuchen nach kokons der kleinen fichtenblattwespe *Lygaeonematus pini* Retz (*Nematus abietinus* Christ) [i. e. *Pristiphora abietina*]. Forstwiss. Centbl., No. 3, p. 210-217. Sept. 1944. 99.8 F775

12791 \*GOLDANICH, A. La cecidomia *suggiscorza dell'olivo* (*Clinodiplosis oleisuga* Targ.). Ital. Agr. 79: 235-239. Mar. 1942. 16 It1

12792 \*GRASSE, P. P. Les rassemblements de sommeil des hyménoptères et leur interprétation. Soc. Ent. de France. B. 47: 142-148. Oct. 1942. Ref. 420 F84B

12793 HAMBLETON, E. J. Experiments with DDT on leaf-cutting ants (*Atta cephalotes*, in Ecuador. (Sci. note.) J. Econ. Ent. 38: 282. Apr. 1945. 421 J822

12794 HAMBLETON, E. J. The leaf-cutting ant (*Atta* spp.) problem in the Americas. Agr. in the Americas 5: 123-125, 135. July 1945. 1 F752A

Discusses methods of control.

12795 \*HARDOUIN, R. Contribution à l'étude éthologique de *Peen atratus* Fabricius (Hym. Sphegidae). Soc. Ent. de France. B. 47: 28-31. Feb. 1942. 420 F84B

12796 HINCKS, W. D. Nomenclature notes on some parasitic Hymenoptera (Ichneumonidae and Eulophidae). Entomologist 78: 89-91. June 1945. 421 En8

12797 LINSLEY, E. G. A new species of *Paranomada* [*P. californica*], with notes on *Melecta thoracica* Cresson. Ent. News 56: 149-153. June 1945. 421 En88



12798 O'ROURKE, F. J. A further extension of the range of *Myrmica schenki*, Emery. Ent. Rec. and J. Variation 57: 85-86. July/Aug. 1945. 421 En89

12799 OSBURN, M. R. DDT to control the little fire ant [*Wasmannia auropunctata*]. J. Econ. Ent. 38: 167-168. Apr. 1945. 421 J822

12800 PARET, F. L. El control del zompopo [*Atta* spp.]. Honduras Agr. 1(8): 10. June 1, 1945. 8 H753

12801 REED, E. P. Hembra de *Bradynobaenus wagenknechti* Reed. Rev. Chilena de Hist. Nat. Pura y Aplicada 46/47: 198-199. 1942/1943, pub. 1944. 410 R325

12802 RUIZ PEREIRA, F. Apidologia chilena. Segunda parte. Rev. Chilena de Hist. Nat. Pura y Aplicada 46/47: 200-231. 1942/1943, pub. 1944. 410 R325

12803 SCHWARZ, H. F. The wax of stingless bees (*Meliponidae*) and the uses to which it has been put. N. Y. Ent. Soc. J. 53: 137-144. June 1945. Ref. 420 M48J

12804 WALLEY, G. S. A new Canadian species of *Syndipnus* [*S. phygadeuontoides*], with records of other species (*Hymenoptera*, *Ichneumonidae*). Canad. Ent. 77: 41-43. Mar. 1945. 421 C16

See also Apiculture and *Apis mellifera*.

## LEPIDOPTERA

12805 A., S. B. Enemigos del tabaco: El cachazudo [*Feltia subterranea*]. B. de Inform. Agr. del Gobierno Prov. de las Villas 17(127): 8, 29. Jan./Mar. 1945. 8 Sa53

12806 ASHWELL, D. A. The larva of *Herse convolvuli* (Lep. Sphingidae). Entomologist 78: 81-84. June 1945. 421 En8

12807 BEIRNE, B. P. Irish Lepidoptera collecting in 1944. Ent. Rec. and J. Variation 57: 86-89. (Concl.) July/Aug. 1945. 421 En89

12808 BOURQUIN, F. Notas sobre metamorfosis de *Hyalosticta prope obliquialis* Hampson, 1897 (Lep. Pyralidae). Soc. Ent. Argentina. Rev. 12: 248-252. Feb. 28, 1945. 420 Sol4

12809 BOURQUIN, F. Observaciones sobre metamorfosis de *Neobourquinia bifasciata* Köhler, 1943 (Lep. Notodontidae). Soc. Ent. Argentina. Rev. 12: 257-259. Feb. 28, 1945. 420 Sol4

12810 BRETHERTON, R. F. Larval habits of *Aegeria culiciformis*. Entomologist 78: 95. June 1945. 421 En8

12811 BREYER, A., and ORFILA, R. N. Las especies del género *Rothschildia* en Tucuman (R. argentina), con aclaraciones sobre *R. maura* (Burmeister) y *R. schreiteriana* nom. nov. (Lep. Saturn.). Soc. Ent. Argentina. Rev. 12: 299-304. Feb. 28, 1945. 420 Sol4

12812 BREYER, A. Lista parcial de lepidopteros coleccionados en Salta. Soc. Ent. Argentina. Rev. 12: 310-312. Feb. 28, 1945. 420 Sol4

12813 BREYER, A. Notas lepidopterologicas. Soc. Ent. Argentina. Rev. 12: 330-333. Feb. 28, 1945. 420 Sol4

12814 \*CANDURA, G. S. Nuove malefatte di tignole cosmopolite. 1.° - *Plodia interpunctella* Hb. Ital. Agr. 79: 580-584. Nov. 1942. 16 It1

Includes methods of control.

12815 \*CATALA, R. Sur *Chrysidia madagascariensis* Less. (lépidopt.). (Compte rendu sommaire d'une mission à Madagascar.) Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 209-214. Mar. 1942. 410.9 P213

12816 CLUTTERBUCK, C. G. A new food-plant [*Lonicera nitida*] for *Seliodesma gemmaria* Brahm (*Rhomboidaria* Hubn.). Entomologist 78: 88. June 1945. 421 En8

12817 CORBET, A. S., and TAMS, W. H. T. Observations on species of *Lepidoptera* infesting stored products. XIII-XIV. Entomologist 78: 87-88. June 1945. 421 En8

Contents: XIII. The identity of *Hyphantidium sericarium* A. W. Scott (Pyralidae), by A. S. Corbet and W. H. T. Tams; XIV. *Leucania zea* (Dup.) (Agrotidae) and *Setomorpha rutella* Zeller (Tinaeidae) found on ships in London docks, by A. S. Corbet.

12818 \*DUPONT, F., and ROEPKE, W. *Heterocera javanica*; Fam. Sphingidae, hawk moths. Nederland. Akad. van Wetensch. Afr. Natuurk. Verhandel., v. 40, No. 1, 104 p. 1941. Ref. 503 Am8V

Includes n. spp. and forms in: *Acherontia* 2; *Polyptychus*; *Marumba* 2; *Cypa*; *Sataspes*; *Acosmeryx* 2; *Panacra*; *Enpinanga*; *Macroglossum*; *Hippotion*; *Rhagastis*.

12819 \*EBERLE, G. *Mönchs-eulen* [Cucullia]. Natur u. Volk 74: 14-21. Jan. 1, 1944. 509 F856

12820 EMFSON, D. W. Home-grown cocksfoot seed threatened. Farmer & Stock-Breeder 59: 931. June 12, 1945. 10 F228

Control needed for *Glypipteryx fischeriella*.

12821 FRENCH, G. T. Gypsy moth [*Porthetria dispar*] and Dutch elm disease. Two destructive shade and forest tree pests threatening Virginia trees. Gard. Gossip 20(7): 12, 15-16. July 1945. 80 G1625

12822 \*GARCIA-TEJERO, F. D. Las orugas de la col [*Autographa brassicae*]. Surco [Madrid] 4(37): 9-12. Mar. 1945. 15 Su7

12823 GIBSON, I. *Callicore candrena christopheri* ab. nov. (Lep. Nymph.). Soc. Ent. Argentina. Rev. 12: 246-247. Feb. 28, 1945. 420 Sol4

12824 GOLDING, F. D. The occurrence of *Platyedra* [i. e. *Pectinophora*] *gossypiella*, Saund., in Nigeria. Empire Cotton Growing Rev. 22(1): 1-2. June 1945. 72.8 Em7

12825 GRAHAM, C. DDT sprays to control codling moth [*Carpocapsa pomonella*] in Maryland. J. Econ. Ent. 38: 272-273. Apr. 1945. 421 J822

12826 \*GRANDORI, R. La lotta contro la tignola orientale del pesco ("*Cydia* [i. e. *Grapholitha*] *molesta*" Busck). Ital. Agr. 79: 343-353. July 1942. 16 It1

12827 HARMAN, S. W. DDT in the codling moth [*Carpocapsa pomonella*] program for western New York. (Sci. note.) J. Econ. Ent. 38: 280-281. Apr. 1945. 421 J822

12828 HARMAN, S. W. Interest revived in dusting for codling moth [*Carpocapsa pomonella*]. Farm Res. [N. Y. State Sta.] 11(3): 10, 12-13. July 1, 1945. 100 M48A

12829 HEADSTROM, R. Butterflies in varied hues. Horticulture 23: 333-334. July 1945. 80 H787

12830 \*HERBULOT, C. Note sur deux nouvelles formes de *Narraga* (Lep. Geometridae). Soc. Ent. de France. B. 48: 83-84. June 1943. 420 F84B

New ssp.: *Narraga neltvae catalaunica*; *N. neltvae cappadocica*.

12831 IVY, E. E., and EWING, K. P. DDT to control the cotton leafworm [*Alabama argillacea*]. (Sci. note.) J. Econ. Ent. 38: 276. Apr. 1945. 421 J822

12832 KETTLEWELL, H. B. D. The life-history of *Orla muscosa* in Britain (Lep. Agrotidae). Entomologist 78: 85-86. June 1945. 421 En8

12833 KOHLER, P. Melanismos naturales en lepidopteros argentinos. Soc. Ent. Argentina. Rev. 12: 253-256. Feb. 28, 1945. 420 Sol4

Colored plate.

12834 \*LAL, K. B. Prevention of damage to stored potatoes by the potato tuber moth [*Gnorimoschema operculella*]. Cur. Sci. [Bangalore] 14: 131. May 1945. 475 Sci23

12835 \*LE CHARLES, L. *Zygaena exulans* H. et R. et ses races françaises (Lepidoptera). Soc. Ent. de France. B. 47: 177-180. Dec. 1942. 420 F84B

New ssp.: *Z. exulans altaretensis*; *Z. exulans alpigena*; *Z. exulans bourgognei*.



12836 \*LE MARCHAND, S. Note sur *Oecia oecophila* Stgr. (Lep. Gelechiidae). Soc. Ent. de France. B. 47: 84-89. June 1942. 420 F84B

12837 \*LUCAS, D. Contribution à l'étude des lépidoptères de l'Afrique du Nord. Soc. Ent. de France. B. 47: 122-126. Aug. 1942. 420 F84B  
New spp. and forms in: *Ptychopoda*; *Crambus*; *Tortrix*; *Nephopteryx*; *Epischia*; *Megasia*; *Pyrausta*; *Phalonia*; *Euxanthia*; *Epiblema*; *Gelechia*; *Paltodora*; *Scythris*; *Mymecozela*; *Tinea* 2.

12838 MCDUNNOUGH, J. New Coleophoridae (Lepidoptera). Canad. Ent. 77: 49-52. Mar. 1945. 421 C16

New spp.: *Coleophora salicivorella*; *C. cornivorella*; *C. monardae*.

12839 MCEWIN, H. Codling moth [*Carpocapsa pomonella*] control. Tasmanian Fruitgrower & Farmer 21, 1. s. 30 (260): 9. Feb. 15, 1945. 23 T185

12840 MCGUFFIN, W. C. New descriptions of larvae of forest insects: larvae of the genus *Eupithecia* (Lepidoptera, Geometridae). Canad. Ent. 77: 53-55. Mar. 1945. 421 C16

12841 MARSHALL, G. E. Orchard sanitation holds important place in codling moth [*Carpocapsa pomonella*] control. East. Fruit Grower 8(5): 12, 17. July 1945. 80 Ea73

12842 NEISWANDER, C. R. The European corn borer [*Pyrausta nubilalis*] in market garden sweet corn. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 35-44. 75.9 Oh3

12843 NEISWANDER, R. B. The tomato pinworm *Keiferia lycopersicella*. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 131-139. 75.9 Oh3

12844 NEWMAN, L. H. Butterflies of Britain - IV. Field 185: 502. May 19, 1945. 10 F45

12845 \*NICOLAS, M. G. La pyrale du haricot [*Etiaella zinckenella*] dans la région toulousaine. Acad. d'Agr. de France. Compt. Rend. 29: 495-496. Nov. 24/Dec. 1, 1943. 14 P215Bc

12846 FAIROA EPPEL, H. Observaciones sobre la biología del "gusano de los penachos" *Notholophus* [i. e. *Notholophus*] (*Orgyia*) antigua L. en Chile. Rev. Chilena de Hist. Nat. Pura y Aplicada 46/47: 133-140. 1942/1943, pub. 1944. 410 R325

12847 ROCHE, H. W. Grape leaf skeletonizer [*Harrisina americana*]. Calif. Cult. 92: 367. July 7, 1945. 6 C12

12848 \*ROUSSEAU-DECELLE, G. Notes sur quelques formes nouvelles de *Papilio américains* (Lep. Papilionidae). Soc. Ent. de France. B. 48: 109-113. Aug. 1943. 420 F84B

Describes 18 n. ff.

12849 \*RUNGS, C., and LE CHARLES, L. Contribution à l'étude des zyènes du Maroc. Soc. Ent. de France. B. 48: 47. Mar. 1943. 420 F84B

*Zygaena lavandulae michaeliae* n. ssp.

12850 \*RUSSO, G. Prove di disinfezzazione dei semi di cotone con acido cloridrico gassoso secco. Ital. Agr. 80: 255-258. May 1943. 16 It1

For control of *Pectinophora gossypiella*.

12851 S. Hopeful outlook revealed at the gyp moth [*Plorthetria dispar*] hearing. Florists' Exch. 105(2): 16. July 14, 1945. 80 F666

12852 SANFORD, L. J. *Anteos maerula*, a new butterfly recorded from Florida. N. Y. Ent. Soc. J. 53: 136. June 1945. 420 N48J

12853 SCHARFER, B., and BREYER, A. Segunda lista de lepidópteros de Catamarca. Soc. Ent. Argentina. Rev. 12: 327-329. Feb. 28, 1945. 420 Sol4

12854 SHEPPARD, A. C. A new record for Canada. (Lepidoptera.) Canad. Ent. 77: 55. Mar. 1945. 421 C16

*Acentropus niveus* captured at Montreal.

12855 \*SEVANVICH, B. N. Ob osnovnom plane risunka kryla Lepidoptera (On the ground plan of the wing-pattern of Lepidoptera). Zool. Zhur. 24: 99-111. 1945. Ref. 410 R92

English summary.

12856 SMITH, R. F., MICHELbacher, A. E., and SMITH, G. L. Alfalfa butterfly [*Colias eurytheme*] control. Calif. Cult. 92: 398. July 21, 1945. 6 C12

12857 SMITH, S. G. Heteropycnosis as a means of diagnosing sex. J. Hered. 36: 195-196. July 1945. 442.8 Am3

Experiments on *Archips fumiferana*.

12858 STALLINGS, D. B., and TURNER, J. R. Notes on Kansas butterflies. Kans. Ent. Soc. J. 18: 111. July 1945. 420 K13

12859 \*STELLWAAG, F. Eine kokonreuse bei einem kleinschmetterling. Natur u. Volk 74: 152-154. May 1, 1944. 509 F856

12860 TINDALE, N. B. The Hepialidae, or ghost moths. (Abs.) Wash. Ent. Soc. Proc. 47: 183-184. June 1945. 420 W27

12861 URETA, E. Ropaloceros de Satipo (Perú). Rev. Chilena de Hist. Nat. Pura y Aplicada 46/47: 270-274. 1942/1943, pub. 1944. 410 R325

12862 WENIGER, D. A list of butterflies (*Rhopalocera*) collected in Cowley County in 1944. Kans. Ent. Soc. J. 18: 112-120. July 1945. 420 K13

12863 WHEELER, E. H. DDT and Ryanex to control oriental fruit moth [*Grapholitha molesta*] on quince. (Sci. note.) J. Econ. Ent. 38: 281-282. Apr. 1945. 421 J822

12864 WILSON, K. H. *Papilio mylotes* Bates (Lepidoptera: Papilionidae). Ent. News 56: 148. June 1945. 421 En88

12865 WILTSHIRE, E. P. 70 new records of Lepidoptera from Iran and a few other notes on Persian *Rhopalocera*. Ent. Rec. and J. Variation 57: 77-85. July/Aug. 1945. Ref. 421 En89

12866 WILTSHIRE, E. P. Substitute foodplants (*Verbascum* group). Ent. Rec. and J. Variation 57: 89-90. July/Aug. 1945. 421 En89

*Gelsia* L. added to list of food plants of lepidopterous larvae.

12867 YEAGER, J. F. The blood picture of the southern armyworm (*Prodenia eridania*). J. Agr. Res. 71: 1-40. July 1, 1945. Ref. 1 Ag84J

See also Sericulture and the Silkworm.

#### ORTHOPTERA

12868 \*ANTONELLI, G. La blatta [*Blatta orientalis*] - veicolo di malattie infettive nei rurali. Mutual. Rurale Fasciata 7: 206-220. May/July 1943. 448.8 M98

Relation to typhoid and methods for its control.

12869 ARGENTINA. MINISTERIO DE AGRICULTURA. Una activa campaña contra la langosta se desarrollará en todo el país. Bolsa de Com., Rosario. Rev. 33(801): 23. May 31, 1945. 287 R71

12870 \*BOURLIERE, F. Sur l'homochromie de quelques orthoptères et son rôle protecteur. Soc. Ent. de France. B. 47: 116-117. Aug. 1942. 420 F84B

12871 \*CHAUVIN, R. Etudes sur la physiologie comparée des orthoptères. III. La diapause embryonnaire chez quelques tettigoniides, et plus spécialement chez le phanéoptère. Soc. Ent. de France. B. 48: 69-74. May 1943. Ref. 420 F84B

12872 \*CHOPARD, L. Contribution à l'étude des orthoptéroïdes du Nord de l'Afrique. (3<sup>e</sup> note.) Soc. Ent. de France. B. 47: 163-165. Nov. 1942. 420 F84B

Orthoptera, Dermaptera.

12873 \*FRANKENBERG, G. VON. Das flügeldreieck der teufelsnadel [*Aeschna grandis*]. Natur u. Volk 74: 130-136. May 1, 1944. 509 F856

12874 GOULD, G. E. Out-trick the cockroach. Agr. Leaders' Digest 26(6): 36. July 1945. 275.28 Am3

Sodium fluoride and phosphorus bait effective method of control of *Blattella germanica* and *Blatta orientalis*.



## SMALLER ORDERS

- 12875 \*GUEUTAL, J. De la digestion et du jeûne chez le grillon domestique [*Acheta domestica*]. Soc. Ent. de France. B. 47: 160-162. Nov. 1942. 420 F84B
- 12876 \*GUEUTAL, J., and SERFATY, A. Jeûne et perte de poids du grillon domestique [*Acheta domestica*] soumis à l'influence de variations hygrométriques du milieu extérieur. Soc. Ent. de France. B. 48: 85-87. June 1943. 420 F84B
- 12877 HELY, P. C. The citrus green tree hopper (*Caedicia strenua* Wlk.); a cause of rind marking and scarring. Agr. Gaz. N. S. Wales 56: 166-168, 178. Apr. 1, 1945. 23 N472
- Includes methods of control.
- 12878 HEPPEL, H. C. Notas ecológicas, sistemáticas y zoogeográficas de acridios [*Acrididae*] de la Argentina. Soc. Ent. Argentina. Rev. 12: 280-298. Feb. 28, 1945. 420 Sol4
- 12879 HILL, D. L. Carbohydrate metabolism during embryonic development (Orthoptera). J. Cell. and Compar. Physiol. 25: 205-216. June 1945. Ref. 444.8 J822
- Experiments on *Melanoplus differentialis*.
- 12880 KALMER, J. La lutte contre les saute-relles en Afrique Centrale. Petit Casablanca Agr. 31(1218): 4. June 23, 1945. 280.8 P44
- 12881 \*KARANDIKAR, K. R. Studies on the post-embryonic development and tracheation of wings in *Schistocerca gregaria*, Forsk. Bombay. U. J. Sect. B., Biol. Sci. (n. s.) 13(5): 1-5. Mar. 1945. 513 B633
- 12882 LIEBERMANN, J. Sobre la importancia económica de las especies chilenas del genero *Dichroplus* Stål. (Orth. Acrid. Cyrtacanth). Con algunas consideraciones acerca de su biogeografía. Rev. Chilena de Hist. Nat. Pura y Aplicada 46/47: 241-247. 1942/1943. pub. 1944. Ref. 410 R325
- 12883 LINDSAY, H. Cómo fue destruida una plaga milenaria. Campo [Buenos Aires, 29(343): 40. May 1945. 9 C15
- Control of *Schistocerca gregaria*.
- 12884 \*MARIANI, M. Rassegna storica delle infestazioni acridiche italiane e della lotta contro di esse. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 21(1/2): 3-32. Mar./June 1941. Ref. 16 N92
- 12885 OKAY, S. Pigmentation of Orthoptera. Nature [London] 155: 635. May 26, 1945. 472 N21
- SERICULTURE AND THE SILKWORM
- 12886 BURUM, D. H. Silk - Sad sack of Kauai; a promising industry on the Garden Island a century ago, silk culture ran into too much pilikia and gave up the ghost. Hawaii Farm and Home 8(7): 10. July 1945. 25 H3191
- 12887 CÓMO prevenir las enfermedades del gusano de seda [*Bombyx mori*]; La muscardina o calcino - la pebrina - la flacidez - la macilencia y la palidez. Chacra 15(176): 64-65. June 1945. 9 C34
- 12888 \*GRANDORI, R. Difesa dei bachi da seta [*Bombyx mori*] dalle malattie. Ital. Agr. 78: 527-532. July 1941. 16 It1
- 12889 \*GRANDORI, R. Quali razze ed incroci del filugello conviene allevare. Ital. Agr. 78: 435-440. June 1941. 16 It1
- 12890 \*FIGORINI, L. Le "fallanze" negli allevamenti dei bachi e il modo di combatterle. Ital. Agr. 80: 125-132. Mar. 1943. 16 It1
- Problems of silk-worm raising.
- 12891 \*ROSTAND, J. Propriétés de l'abdomen isolé et des morceaux d'abdomen chez le mâle de *Bombyx mori*. Soc. Ent. de France. B. 47: 166-168. Nov. 1942. 420 F84B
- 12892 \*BADONNEL, A. Psocoptères [i. e. Corrodentia; cavernicoles de Macédoine et Herzégovine (Voyages de P. Remy, R. Hussion et A. Schweitzer)]. Soc. Ent. de France. B. 48: 8-9. Jan. 1943. 420 F84B
- 12893 \*BATHILLIER, J. Note sur la substitution de la caste néotène aux sexués normaux chez *Leucotermes* (*Reticulitermes*) *lucifugus* Rossi (*Isoptera*). Soc. Ent. de France. B. 47: 181-182. Dec. 1942. 420 F84B
- 12894 BRUNER, S. C. El trips de la cebolla [*Thrips tabaci*]. Campo [Guadalajara, 13: 114-115. June 1, 1945. 8 G76
- 12895 CRAWFORD, J. The North American species of the genus *Isochaetothrips* Moulton (*Thysanoptera*, *Thripidae*). Wash. Ent. Soc. Proc. 47: 179-182. June 1945. 420 W27
- Includes *Isochaetothrips gardeniae* n. sp.
- 12896 \*DENIS, R. Notes sur quelques collembolles terricoles. Ann. des Sci. Nat. Zool. et Biol. Anim. (ser. 11) 4: 1-19. 1942. 410 An7
- New spp. in: *Cyphoderus* 2; *Calobatina*; *Cyphoderinus* n. g.
- 12897 JELLISON, W. L. Siphonaptera: A new species of *Conorhinopsylla* [*C. nidicola*] from Kansas. Kans. Ent. Soc. J. 18: 109-111. July 1945. 420 K13
- 12898 \*LHOSTE, J. Contribution à l'étude du polymorphisme des mâles de *Forficula auricularia* L. (*Dermaptera*). (Note préliminaire.) Soc. Ent. de France. B. 48: 92-95. June 1943. 420 F84B
- 12899 \*LHOSTE, J. Les stades larvaires et la division des articles antennaires chez *Forficula auricularia* L. (*Dermapt.*). Soc. Ent. de France. B. 47: 35-38. Mar. 1942. 420 F84B
- 12900 NEEDHAM, J. G. Tracking dragonfly [*Progomphus* spp.] nymphs. Ent. News 56: 141-143. June 1945. 421 En88
- 12901 NURSE, F. R. Protozoa from New Zealand termites. Roy. Soc. New Zeal. Trans. and Proc. 74: 305-314. Mar. 1945. Ref. 514 W46
- 12902 REHN, J. A. G. Forficuline *Dermaptera* from the southern Cameroons. Ent. News 56: 144-148. June 1945. 421 En88
- 12903 SMITH, F. F., and GOODHUE, L. D. DDT aerosols to control onion thrips [*Thrips tabaci*] and other pests in greenhouses. J. Econ. Ent. 38: 173-179. Apr. 1945. 421 J822
- 12904 \*VERRIER, M. L. Observations sur des larves de *Baetis* (*Ephemeroptera*) des torrents d'Auvergne. Soc. Ent. de France. B. 47: 38-42. Mar. 1942. 420 F84B
- 12905 \*VERRIER, M. L. Les rassemblements des mâles d'éphémères [*Ephemera*] et leur interprétation. Soc. Ent. de France. B. 48: 60-62. Apr. 1943. 420 F84B
- 12906 WILLINER, G. J. Cinco especies nuevas misioneras del género *Psocus* (*Corrod. Psoc.*). Soc. Ent. Argentina. Rev. 12: 235-243. Feb. 28, 1945. 420 Sol4
- Anoplura and Mallophaga
- 12907 \*ALPATOV, V. V., NASTIUKOVA, O. K., and KHARTULARI, E. M. *Iaitsa golovnoi i platfanoi form Pediculus humanus* L. i ikh izmeneniya v zavisimosti ot usloviy vospitaniya (Eggs of the body and head form of *Pediculus humanus* L. in relation to the breeding conditions). Zool. Zhur. 24(1): 42-47. 1945. 410 R92
- English summary.
- P. humanus humanus*; *P. humanus corporis*.
- 12908 BUSELAND, R. C., and others. DDT powder for the control of lice attacking man. J. Econ. Ent. 38: 210-217. Apr. 1945. 421 J822
- L. C. McAlister, Jr., H. A. Jones, and G. H. Culpepper, joint authors.



12909 JONES, H. A., and others. DDT impregnation of underwear for control of body lice *Pediculus humanus corporis*. J. Econ. Ent. 38: 217-223. Apr. 1945. 421 J822

L. C. McAlister, Jr., R. C. Bushland, and E. F. Knippling, joint authors.

12910 RATCLIFF, J. D. Bite of death; millions in Europe face death from typhus this winter. Mag. Digest 31(2): 115-118. Aug. 1945. 110 M27  
*Pediculus humanus corporis*.

12911 SNYDER, J. C., and WHEELER, C. M. Experimental infection of the human body louse, *Pediculus humanus corporis*, with murine and epidemic louse-borne typhus strains. J. Expt. Med. 82(1): 1-19. July 1, 1945. Ref. 448.8 J822

## AGRICULTURAL ENGINEERING

### GENERAL

12912 BARRITT, J. K. Fire fighting. So. Austral. Dept. Agr. J. 48: 397. Apr. 1945. 23 So84

12913 BATES, E. M. Repairs to fences. New Zeal. Dept. Agr. J. 70: 532. May 15, 1945. 23 N48J

12914 \*BECKERICH, A. Les récentes modifications apportées à la législation des accidents du travail en agriculture. Rev. des Agr. de France 76: 55, 88. Apr., June/July 1944. 14 R325

12915 COE, M. H. Be careful. South. Farmer 106(7): 12-13. July 1945. 6 So89

12916 DODSON, G. M. Safe farms attract workers. New England Homestead 118(13): 9. July 14, 1945. 6 N442

12917 DRIFTMIER, R. H. Looking ahead in agricultural engineering. Ga. "Ag Engin." 16: 10-11. 1945. 290.9 G29

12918 DRIFTMIER, R. H. Postwar opportunities in agricultural engineering. Agr. Engin. 26: 277-279. July 1945. 58.8 Ag83

12919 EARL, M. You saved 150 lives. Kans. Farmer 82(14): 7. July 21, 1945. 6 K13  
Farm safety.

12920 ELLIOTT, W. J. Dairy farm layout improved for sanitation and convenience. Farm and Ranch Rev. 41(8): 7, 15. Aug. 1945. 7 F223

12921 FISHER, J. The farm lay-out. Farming in So. Africa 20: 285-288. May 1945. 24 So842

12922 FOWLER, B. B. It's always D day on the farm. Country Gent. 115(8): 13, 22. Aug. 1945. 6 C833

Farm accidents.

12923 FOWLER, B. B. Thirty acres and independence. Free Amer. 9(1): 7-9. Spring 1945. 280.8 F872

Value of electricity and equipment on the farm.

12924 GANDARA, R. Porto Rico fire wipes out half of rural community. Fire Engin. 98: 454-455. July 1945. 296.68 F

12925 GARRETT, A. S. Portable fencing and a good post lifter. Farmer's Advocate and Home Mag. 80: 515. July 12, 1945. 7 F22

12926 HAGERUP, L. W. Too many preventable accidents in the dairy industry. Milk Dealer 34(10): 60, 62, 64. July 1945. 44.8 M595

12927 HAMILTON, C. L. Power shaft shields. Farm Safety Rev. 3(4): 7, 10. July/Aug. 1945. 449.8 F22

Accident prevention.

12928 KLEIN, P. How safe is your home? Calif. Cult. 92: 396. July 21, 1945. 6 C12

12929 L., E. A. Safety on the farm. Rural New-Yorker 104: 341. July 1945. 6 R88

12930 LIGHTNING. When nature's artillery lets go, its bolts can be diverted into safe channels. Esso Farm News 4(4): 16-18. July 1945. 6 Es72

12931 MCMUNN, E. W. There's a person in every accident! Ohio Farmer 196(2): 5. July 21, 1945. 6 Oh3

12932 MARTINSON, MRS. A. Safety is stressed at tractor school for women. Agr. Leaders' Digest 26(6): 30-31. July 1945. 275.28 Am3

12933 MEYER, L. C. Is that "trip" necessary? Mich. Farmer 205(2): 5, 14. July 21, 1945. 6 M58

Farm safety.

12934 NOBLE, G. L. Safety for 26,000,000. Natl. Safety News 52(1): 14-15, 80, 82. July 1945. 449.8 N212

Safety on farms.

12935 \*PATRUX, L. Précautions à prendre pour éviter les accidents pouvant résulter de l'emploi de l'électricité en agriculture. Rev. des Agr. de France 73: 327-328. Nov. 1941. 14 R325

12936 RAVENSCROFT, V. F. Most fire hazards preventable. Idaho Farmer 63(14): 18. July 19, 1945. 6 G282

12937 SPOTTSWOOD, A. P. Fire prevention in flour mills. Northwest. Miller 223(2, sect.2): 5a-7a. July 11, 1945. 298.8 N81

12938 STANTON, H. R. Farmers and townspeople team up to fight rural fires. N.J. Farm and Garden 16(8): 12-13, 20-22. Aug. 1945. 6 G162

12939 SYME, P. S. In memory of 24 farmers accidentally killed 1943. New Zeal. Dept. Agr. J. 70: 359-362. Apr. 16, 1945. 23 N48J

12940 WAGNER, P. H. Hay making. So. Austral. Dept. Agr. J. 48: 398. Apr. 1945. 23 So84  
Stacking.

12941 WETZEL, J. H. Concentrating on farm safety. Farm Safety Rev. 3(4): 3-5. July/Aug. 1945. 449.8 F22

### FARM MACHINERY

#### General

12942 \*BALLU, T. Orientation à donner à la construction du matériel de motoculture destiné à la métropole. Acad. d'Agr. de France. Compt. Rend. 28: 78-92. Jan. 7/14, 1942. 14 P215Bc

12943 BIRD, J. Can you use these? Surplus war machines and material that cost billions of dollars challenge our ingenuity to adapt them to peacetime work. Country Gent. 115(8): 15, 54-55. Aug. 1945. 6 C833

12944 \*BLANC, A. Le machinisme agricole et le développement de notre agriculture. Rev. des Agr. de France 73: 351-352. Dec. 1941. 14 R325

12945 BRINK, V. E. Farms and the machine age. Forbes 56(3): 15-16. Aug. 1, 1945. 280.8 F74

12946 BRODELL, A. P. Farm machinery in wartime. Carroll Crop B. 20(11): 22-23. July 19, 1945. 281.8 C19

12947 CONDITIONS and circumstances should guide the selection of an irrigation pump. Impl. & Tractor 60(15): 22-24, 53-54. July 28, 1945. 58.8 W41

12948 CONSUMERS POWER COMPANY. RURAL SERVICE ENGINEERS. Design changes and cost studies. Productive farm equipment. Rural Electr. B. 3(1): 7-9, processed. July 1945. 335.8 R883

12949 \*COUPAN, G. Préparons l'avenir. Rev. des Agr. de France 74: 181-183. Sept. 1942. 14 R325

Equipment.

12950 CRANER, W. Supervising learning activities in the shop. Agr. Ed. Mag. 18: 34, 37. Aug. 1945. 275.8 Ag8

12951 DEAN, R. H. Unique method of heating citrus groves. Citrus Indus. 26(8): 5-6, 11. Aug. 1945. 80 C49

12952 EDMAN, R. Labor saving machinery. New Agr. 27(10): 9. July 1945. 66.8 Su32

12953 EVERETT, E. E. Will post-war potentials be realized? Impl. & Tractor 60(14): 34-36, 52. July 14, 1945. 58.8 W41

Postwar buying capacity of farm equipment.



- 12954 \*GIRARD, H. Role primordial du machinisme agricole dans l'agriculture Française de demain. Acad. d'Agr. de France. Compt. Rend. 26: 541-547. May 7/14, 1941. 14 P215Bc
- 12955 \*GUILLAUMIN, A., and CHAUDUN, V. La collection de modèles réduits d'instruments agricoles et horticoles du musée à propos d'une lettre inédite de A. Thouin. Paris. Mus. Natl. d'Hist. Nat. B. (n.s.) 16: 137-141. Mar./Apr. 1944. 410.9 P213
- 12956 HOCKEY, K. C. "Crawler" spray outfits in Hawke's Bay. New Zeal. Dept. Agr. J. 70: 485. May 15, 1945. 23 N48J
- 12957 HOWLAND, J. A. Every farm should have a well equipped work shop. Fla. Poultryman and Stockman 11(7/8): 14. July/Aug. 1945. 47.8 F66
- 12958 KENNEDY, A. C. Organizing shop course to meet needs of farm boys. Better Farming Methods, 17(6): 46, 48, 50. July/Aug. 1945. 58.8 B46
- 12959 KILIAN, C. M. Home-made control for humidifying greenhouse. Amer. Orchid Soc. B. 14: 49-50. July 2, 1945. 80 Am329
- 12960 \*KRAMAROV, V. O strukture remontnoi seti v sel'skom khozjaistve [Concerning the structure of a repair system in the agricultural economy]. So-tsiyalist. Sel'sk. Khoz. 16(3): 44-50. Mar. 1945. 281.8 So73
- Repair of tractors and farm equipment.
- 12961 LECHNER, H. J. Postwar and power farming. New Agr. 27(10): 6. July 1945. 66.8 Su32
- 12962 MCCUEN, G. W. Como mantener en buen estado la maquinaria agricola. Aberdeen Angus [Buenos Aires], No. 26, p. 58-60. Autumn 1945. 43.8 Ab33
- 12963 \*MANETTI, G. La stima per la liquidazione dei danni nelle aziende agricole sinistrate dalla guerra. Rass. Econ. dell'Africa Ital. 31: 104-111. Feb. 1943. 261 C71
- 12964 MAY, J. The self-contained farm. Farmers Weekly [London], 23(1): 25-26. July 6, 1945. 10 F2226
- Use of equipment.
- 12965 NYSTROM, G. H. Estimated machines on farms as of Jan. 1, 1942 and 1945. Impl. & Tractor 60(14): 72, 74, 76. July 14, 1945. 58.8 W41
- 12966 OBREGÓN, G. Cual es una buena semilla de trigo. Agr. Trop. 1(1): 12-13. Feb. 1945. 26 Ag8
- Weighing device for seed.
- 12967 P., R. J. Lack of summer care shortens life of greenhouse boiler. Florists' Rev. 96(2486): 17-18, 76, 78. July 19, 1945. 80 W41
- 12968 PEER, G. Adults grow thru shop activities. Agr. Ed. Mag. 18: 34. Aug. 1945. 275.8 Ag8
- 12969 SCHNEIBER, H. Machinery repair program: farmers repair own implements while they learn modern methods. Better Farming Methods 17(6): 24, 26. July/Aug. 1945. 58.8 B46
- 12970 SHAWL, R. I. Some of the new things coming up in farm machinery. Ill. Agr. Assoc. Rec. 23(7): 6-7. July/Aug. 1945. 6 Il62
- 12971 SITTON, J. J. Tractor mounted hole digger. Elect. World 124(3): 79. July 21, 1945. 335.8 El2
- 12972 STATISTICAL data, 1944. Impl. & Tractor 60(14): 37-38, 40, 42-44, 46, 48, 50, 52. July 14, 1945. 58.8 W41
- Equipment.
- 12973 SWANSON, D. W. J. Farming the awkward acres. Farmers Weekly [London], 23(2): 26. July 13, 1945. 10 F2226
- Value of equipment.
- 12974 \*TAUDIERE, M. E. Note sur la situation actuelle de l'industrie de la machine agricole. Rev. des Agr. de France 73: 139-140. May 1941. 14 R325
- 12975 \*TOUCHE, F. DE LA. Un produit naturel bien méconnu mais en voie de réhabilitation: la tourbe. Rev. des Agr. de France 73: 323-327. Nov. 1941. 14 R325
- 12976 TRUDGEN, C. E. Co-operative machinery. Mont. Farmer 32(23): 5. Aug. 1, 1945. 6 M764

- 12977 WAKEMAN, T. J. Supervising learning activities in the shop. Agr. Ed. Mag. 18: 34, 37. Aug. 1945. 275.8 Ag8
- 12978 WINTER, E. T. Machine co-op. Nebr. Farmer 87(2): 1. Jan. 20, 1945. 6 N27

### Tillage Machinery

- 12979 ANTONEN, R. Mounts disk on power lift. Capper's Farmer 56(8): 34. Aug. 1945. 6 M693
- 12980 MCKAY, P. N. Disc harrow redesigned for welding. Farm Impl. News 66(16): 34. Aug. 2, 1945. 58.8 F22
- 12981 \*R., L. La petite électro-motoculture jardiniers et maraichers peuvent maintenant utiliser l'énergie électrique pour le travail de la terre. Rev. des Agr. de France 73: 371-372. Dec. 1941. 14 R325
- 12982 SOBRERO, L. R. Como se afila una reja. Campo [Buenos Aires], 29(343): 26-27, 29. May 1945. 9 C15

### Planting Machines and Fertilizer Distributors

- 12983 LAMBEN, R. Improved adjustments on bed planter saves man hours. Spreckels Sugar Beet B. 14: 28-30. July/Aug. 1945. 66.8 Sp7
- 12984 REA, H. E., and POTTS, R. C. Using cotton equipment to plant bur clover. Prog. Farmer, Tex. Ed. 60(7): 12, 38. July 1945. 6 T311
- 12985 TAYLOR, C. R. Construction of liquid manure distributor. New Zeal. Dept. Agr. J. 70: 519. May 15, 1945. 23 N48J

### Harvesting, Threshing, Drying, and Processing Equipment

- 12986 ADAMS, J. C. New tool produces quality hay. Test shows new "haymaker" machine shortens time to cure alfalfa hay by half. Irrig. Farmer 3(4): 1, 7. Aug. 2, 1945. 55.8 Ir78
- 12987 ALOISI SOBRINHO, J. Despolpamento. III - Pequenos produtores. São Paulo (State). Supt. dos Serv. do Café. B. 20(215): 15-19. (Cont.) Jan. 1945. 68.29 Sa63
- Chiefly on the fermentation tanks and the construction of the drying field for coffee.
- 12988 BIERLY, I. R., and GUSTAFSON, A. F. New ideas in haymaking from New York farmers. Macdonald Col. J. 5(11): 2-3, 16. July 1945. 101 M144
- Hay-making equipment.
- 12989 BLACKWELL, S. O. Tripod machine for harvesting alfalfa. Farmer's Mag. 42(7): 37. July 1945. 7 C165
- 12990 BROWN, O. A., and ANDERSON, W. S. Some new sweet potato machines and equipment. Agr. Engin. 26: 280-282. July 1945. 58.8 Ag83
- 12991 CALVIN, C. B. Beet toppler troubles. Mont. Farmer 32(22): 5. July 15, 1945. 6 M764
- 12992 CAMBRIDGE UNIVERSITY. DEPT. OF AGRICULTURE. FARM ECONOMICS BRANCH. Harvesting by combine and binder. Cambridge U. Farmers' B. 9, 12 p. Cambridge, 1944. 281.9 C14F
- Costs and efficiency of combines and binders compared.
- 12993 CARMICHAEL, J. P. Pecan shaker shakes labor shortage. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(7): 13. July 1945. 6 P945G
- 12994 CROWTHER, H. A. H. Clean milk production. Dairymen 62: 185, 187. July 1945. 44.8 D1426
- 12995 DONNALLEY, J. R., JR. Performance characteristics of commercial home freezers. N.Y. (Cornell) Engin. Expt. Sta. B. 34, 16 p. Ithaca, 1944. 290.9 C81
- 12996 DRUCE, P. C. Dairy farm mechanisation scheme. Costs of operations. N. S. Wales. State Mktg. Bur. Monthly Mktg. Rev. 13: 89-91, processed. Apr. 1945. 286.8 N47M
- 12997 F., D. Combines and driers. N. F. U. Rec. 23: 198-199. July 1945. 281.8 N21



12998 GETTING in the hay: demand for harvester is increased by help shortage and wet weather. Post-war boom in choppers and loaders expected. *Business Week*, No. 831, p. 48. Aug. 4, 1945. 280.8 Sy8

12999 GLEASON, J. Métodos modernos de deshidratación. *Suelo Argentino* 4: 303-305. May 1945. 9 Su2

13000 \*GUILLEBON, G. DE. Arrachage mécanique des betteraves sucrières. *Rev. des Agr. de France* 73: 361-362. Dec. 1941. 14 R325

13001 HARBORD, W. L. The rotary shedder. *New Zeal. Dept. Agr. J.* 70: 407-409. Apr. 16, 1945. 23 N48J

13002 \*HITIER. Arrachage mécanique des betteraves sucrières. *Acad. d'Agr. de France. Compt. Rend.* 26: 1089-1092. Nov. 26/Dec. 3, 1941. 14 P215Bc

13003 HOFF, P. R. Mow hay drying comes to New York. *Amer. Agr.* 142(14): 11. July 21, 1945. 6 Am3

13004 HOLMES, G. A. Paradoxes of the combine: white hope or white elephant? *Farmers Weekly* [London] 22(26): 25-26. June 29, 1945. 10 F2226

13005 ISELY, C. C. Egyptian harvest methods unchanged. *Northwest. Miller* 223(6, sect. 2): 3a, 26a. Aug. 8, 1945. 298.8 N81

13006 JOHNSON, A. J. Gin fan power calculations by use of a nomograph. *Agr. Engin.* 26: 290-291. July 1945. 58.8 Ag83

13007 KREISER, R. F. Revolutionary machine for potato sheds. *Calif. Fruit and Veg. Rev.* 6(4): 34, 41. July 1945. 80 C1224

13008 LEES, A. B. Handling of bales: attachment for dung loader elevates 100 lb. bales. *Farmer & Stock-Breeder* 59: 1047. July 3, 1945. 10 F228

13009 MCGOWAN, R. E. Hay chopped from fields. *Mont. Farmer* 32(22): 5. July 15, 1945. 6 M764

13010 MCMUNN, E. W. These machines replace a harvest crew. *Ohio Farmer* 196(3): 8. Aug. 4, 1945. 6 Oh3

13011 MARSH, R. E. A new hay-stacking manure loader. *Through the Leaves* 33(3): 36-37. May/June 1945. 66.8 T41

13012 MASSEY, G. F. Mechanization of cotton on the Hopson plantation. *Farm Impl. News* 66(16): 49-52, 54. Aug. 2, 1945. 58.8 F22

13013 MASTERMAN, N. K. Using the home freezer. *Quick Frozen Foods* 7(12): 92-93. July 1945. 389.8 Q4

13014 MERICLE, C. D. Will home freezer design allow it to go down cellar stairs? *Air Conditioning and Refrig. News* 45(11): 6. July 16, 1945. Beltsville Branch Libr.

13015 MILLICE, R. B. International beet topper at Billings: experimental machine was tried out under both wet and dry conditions. *Through the Leaves* 33(3): 20-21. May/June 1945. 66.8 T41

13016 MOORE, C. M. Sanitation in egg breaking and drying plants; practical procedures with explanations to be followed for cleaning and sterilizing equipment to insure highest quality in finished product. Pt. 1-2. *Amer. Egg & Poultry Rev.* 6: 344, 348, 350-351, 386, 392, 394. (Cont.) June, July 1945. 47.8 Am38

13017 NELSON, M. H. Speaking of clod-hoppers. *Through the Leaves* 33(3): 7-10. May/June 1945. 66.8 T41

Elimination of clods and trash in mechanical beet loading.

13018 NETTO, F. A. O beneficiamento do leite em face da legislação sanitária adotada em São Paulo. *Rev. dos Criadores* 16(5): 34-36, 38. (Cont.) May 1945. 43.8 R32

13019 NICHOLAS, J. E. Quick freezing performance of an experimental sub-zero food freezer. *Canner* 101(10): 15-16, 18-19. Aug. 4, 1945. 286.83 C16

13020 NORDLINGER, E. W. Canner develops tractor-mounted pea mower. *Food Packer* 26(9): 64-66. Aug. 1945. 286.83 C165

13021 PRATT, D. B., JR., and KELLER, W. F. Experimental mills as pilot plants. A comparison of flours milled on Allis and Buhler experimental mills with flour produced on a commercial unit. *Northwest. Miller* 223(2, sect.2): 3a-4a, 21a-22a. July 11, 1945. 298.8 N81

13022 READY to go? Will your potato digger be ready when your spuds need harvesting? It should, if you follow the proper procedures when putting it up. *Eso Farm News* 4(4): 10-11. July 1945. 6 Es72

13023 REID, A. W. Bottle-washer design from brush to spray in 25 years. *Dairyman* 62: 198-199. Aug. 1945. 44.8 D1426

13024 SANDS, G. C. Handy combine attachment. *Mont. Farmer* 32(22): 5. July 15, 1945. 6 M764

13025 SEATH, D. M. Saving hay that is hay. *Prog. Farmer, Miss.-Ark.-La. Ed.* 60(8): 17. Aug. 1945. 6 So81

Barn curing and pick-up balers.

13026 SMITH, H. C. 21 years of soybean harvesting. *Soybean Digest* 5(9): 11-12. July 1945. 60.38 So9

13027 STECK, R. D. Facts and figures regarding mechanical harvesting in the Tri-county area [Nebraska]. *Through the Leaves* 33(3): 32-33. May/June 1945. 66.8 T41

Sugar-beet equipment.

13028 STRAIT, J. Mow curing of hay cuts weather risk. *Rural Electrification* 3(1): 26-29, processed. July 1945. 335.8 R883

13029 THOMPSON, R. B., and ROBERTS, C. A. A home-made egg cooler for farm use. *U. S. Egg & Poultry Mag.* 51: 304-305, 332. July 1945. 286.85 Eg3

13030 TINDALL, C. Haymaking speed is amazing. *Mo. Ruralist* 86(14): 7. July 28, 1945. 6 R8891

Value of equipment.

13031 VAGTBORG, H. Technology and the milling industry. *Northwest. Miller* 223(2, sect.1): 4, 6, 18, 22. July 11, 1945. 298.8 N81

13032 VELOZ, L. B. Special ultraviolet lamps kill air-borne bacteria. *Amer. Milk Rev.* 7: 254-255. July 1945. 44.8 Am38

Used in sterilizing dairy equipment.

13033 WADE, J. R. Mechanical harvesting of cotton. *Ga. "Ag. Engin."* 16: 20-21. 1945. 290.9 G29

13034 WEAVER, D. S. Making pressure canners safe. *Farm Safety Rev.* 3(4): 6, 11. July/Aug. 1945. 449.8 F22

#### Trucks, Tractors, and Other Farm Power (Including Fuels)

13035 ADAIR, W. The era of power on the farm. Interplay of urban and rural progress. *Farming News and North Brit. Agr.* 97(25): 3. June 15, 1945. 10 N82

13036 BURGESS, R. N. Electric motors for the grain-process industries. *Amer. Miller and Processor* 73(7): 44, 48. July 1945. 298.8 Am32

13037 \*COUPAN, M. G. Force motrice par le gaz des forêts. *Acad. d'Agr. de France. Compt. Rend.* 29: 28. Jan. 6/13, 1943. 14 P215Bc

13038 \*DEMOLON, J. Le gaz de fumier. *Acad. d'Agr. de France. Compt. Rend.* 29: 498-501. Nov. 24/Dec. 1, 1943. 14 P215Bc

13039 \*GOULPIER, I. Pour remplacer l'essence. *Rev. des Agr. de France* 72: 225-226. Dec. 1940. 14 R325

13040 \*JAVILLIER. L'alcool carburant dispositif pour son utilisation dans les moteurs son emploi dans les exploitations agricoles. *Acad. d'Agr. de France. Compt. Rend.* 26: 1051-1060. Nov. 26/Dec. 3, 1941. 14 P215Bc

13041 KELSEY, R. T. About that jeep. *Ohio Farmer* 196(3): 5. Aug. 4, 1945. 6 Oh3

13042 MCMENAMIN, J. P. Plenty of tasks could be found for the army jeep on Aust. farms. *Land [Sydney]*, No. 1744, p. 1. May 4, 1945. 23 L22



- 13043 NEAL, J. H. Tractors plus what? Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(7): 12, 49. July 1945. 6 P945G
- 13044 OCHOA, H. Los tractores en la hacienda. Agr. Trop. 1(2): 53-56. Mar. 1945. 26 Ag8
- 13045 OXY-ACETYLENE TIPS. Fundamentals of handling and operating oxygen and acetylene regulators. Impl. & Tractor 60(14): 88, 90. July 14, 1945. 58.8 W41
- 13046 ROHLF, J. A. What about the new farm jeep? Farm J. 69(8): 21-22. Aug. 1945. 6 F2212
- 13047 RUDEN, W. L. Tractors cut corn costs: four bushels an hour in terms of time. Nebr. Farmer 87(5): 4. Mar. 3, 1945. 6 N27
- 13048 SCHROEDER, E. W., and CLYDE, A. W. Adjust carburetor and load tractor fully for more work from less fuel. Sci. Farmer [Pa. Sta.], June 1945, p. 8-9. 100 P381
- 13049 SHAWL, R. I. Tractor repair and maintenance. Part 3. Farm Impl. News 66(16): 35-36, 38. Aug. 2, 1945. 58.8 F22
- 13050 SOBRERO, L. R. Cuidado y manejo de los motores a explosión. Pampa Argentina 19(213): 7, 22-23, 34. May 1945. 9 P19
- 13051 SQUIRE, F. W. Willys demonstrates its universal model jeep. Farm Impl. News 66(16): 32-33. Aug. 2, 1945. 58.8 F22
- 13052 TRACTOR census. Impl. & Tractor 60(14): 56, 58, 60, 62, 64, 66-68. July 14, 1945. 58.8 W41
- 13053 WETZEL, G. F. Spark plug care is important. Impl. & Tractor 60(14): 85-86, 90, 92. July 14, 1945. 58.8 W41
- 13054 WIGSTEN, F. M. Safety valves for electric motors. Elect. on the Farm 18(6): 23. June/July 1945. 335.8 E127

## FARM STRUCTURES

## General

- 13055 BEELER, M. N. Quick change buildings. Capper's Farmer 56(8): 13. Aug. 1945. 6 M693
- 13056 \*BERLITZ. Notwendigkeit der normung und rationalisierung im landwirtschaftlichen hochbau und vorschläge hierzu. Arbeitsgemeinschaft zur Förderung des Landw. Bauwesens. Schriftenreihe, No. 1, p. 29-32. 1941. 281.9 Ar1
- 13057 KOLB, W. C. 4-H boys help in roofing conservation. Agr. Leaders' Digest 26(6): 20, 22. July 1945. 275.28 Am3
- 13058 \*MANETTI, C. Saggi sull'architettura rurale italiana. Ital. Agr. 78: 449-459. June 1941. 16 It1
- 13059 PATTY, R. L. Stopping cistern and basement leaks. Dakota Farmer 65(15): 5-6. Aug. 4, 1945. 6 D14
- 13060 REAY, D. P. Bringing down building costs. Pub. Aff. 8: 171-178. Spring 1945. 280.8 P965
- 13061 ROSS, D. Farm building clinics. Miss. Val. Lumberman 76(28): 9, 30. July 13, 1945. 99.81 M69
- 13062 SCHAFFHAUSEN, J. F. Farm building roundup. Amer. Lumberman, No. 3313, p. 29. July 21, 1945. 99.81 Am3

## Farmhouses

- 13063 BARNHART WOMEN'S INSTITUTE. Ideal farm houses as planned by farm people. Farmer's Mag. 42(7): 11. July 1945. 7 C165
- 13064 BUNNING, W. An American house. Country Life [Sydney] 56(42): 18. May 4, 1945. 286.85 Sy2
- 13065 BUNNING, W. Houses at Holbrook. Country Life [Sydney] 51(43): 16. May 11, 1945. 286.85 Sy2
- 13066 BUNNING, W. More on insulation of houses. Country Life [Sydney] 56(45): 16. May 25, 1945. 286.85 Sy2
- 13067 BUNNING, W. The place of the architect. Country Life [Sydney] 56(44): 16. May 18, 1945. 286.85 Sy2

- 13068 \*TIKENTSCHER, H. Gesundheitsfragen und rassenpolitik bei der neubildung deutschen bauernums. Arbeitsgemeinschaft zur Förderung des Landw. Bauwesens. Schriftenreihe, No. 2/3, p. 5-20. 1941. 281.9 Ar1
- Housing methods and household conveniences for healthful farm living.
- 13069 \*GREGG. Die vordringlichen aufgaben der arbeitsgemeinschaft. Arbeitsgemeinschaft zur Förderung des Landw. Bauwesens. Schriftenreihe, No. 1, p. 12-16. 1941. 281.9 Ar1
- Things to be considered in planning the farm house.
- 13070 HIGGINS, B. H. Appraisals of the Canadian housing act. Pub. Aff. 8: 167-171. Spring 1945. 280.8 P965
- Rural housing, home improvements, research, and planning, p. 170.
- 13071 HINCHCLIFF, K. A face-lifting for the farmhouse. Prog. Farmer, Tex. Ed. 60(8): 18. Aug. 1945. 6 T311
- 13072 \*JAVAL. L'habitat rural. Acad. d'Agr. de France. Compt. Rend. 26: 547-553. May 7/14, 1941. 14 F215Bc
- 13073 KORANYI, K. Germany's post-war housing plan. Agenda 3(3): 68-85. Aug. 1944. 280.8 Ag3
- 13074 NICKELL, P. What are you doing about... your farm home? Nebr. Farmer 87(9): 8. May 5, 1945. 6 N27
- 13075 NICKELL, P. What do you need in your farm home? Nebr. Farmer 87(15): 20. Aug. 4, 1945. 6 N27
- 13076 RACINE, J. The home of tomorrow. Nebr. Farmer 87(2): 16, 36. Jan. 20, 1945. 6 N27
- 13077 \*RÖHRS. Gesundheitsführung auf dem lande im hinblick auf die wohnungsverhältnisse. Arbeitsgemeinschaft zur Förderung des Landw. Bauwesens. Schriftenreihe, No. 1, p. 17-28. 1941. 281.9 Ar1
- 13078 WILLIAMS, MRS. E. M. From top to bottom: a new method of house-building. Elect. Age 4: 364-365. July 1945. 335.8 EL223

## Service Buildings

- 13079 BECKMAN. Combined hog shelter and self-feeder. Calif. Cult. 92: 400. July 21, 1945. 6 C12
- 13080 BROADBENT, V. V. Making your own house. Poultry Farmer [London] 112(2923): 6. (To be cont.) June 29, 1945. 47.8 F312
- 13081 BROADBENT, V. V. Putting up the [poultry] house. Poultry Farmer [London] 113(2925): 6. (To be cont.) July 13, 1945. 47.8 F312
- 13082 BUENOS AIRES (PROVINCE). DIRECCIÓN GENERAL DE HIGIENE. Construcciones rurales que contribuyen a obtener leche mas limpia e higienica. Suelo Argentino 4: 358-361. June 1945. 9 Su2
- 13083 CARTER, D. G. Do you need a new laying house? Poultry Tribune 51(7): 8, 23-25. July/Aug. 1945. 47.8 P8642
- 13084 CATON, S. Laying house improvement. Ky. Farmer's Home J. 81(8): 15. Aug. 1945. 6 F2237
- 13085 COLLINSON, H. Importance of ventilation. Farmer & Stock-Breeder 59: 1057. July 3, 1945. 10 F228
- Ventilation of poultry houses.
- 13086 COLLINSON, H. New breeders' housing problems. Farmer & Stock-Breeder 59: 977. June 19, 1945. 10 F228
- For poultry.
- 13087 COLLINSON, H. You want to try laying batteries? Smallholder 73(1842): 15. July 6, 1945. 10 Sml
- 13088 DAKAN, E. L. Get those windows out. Ventilation cuts summer poultry losses. Ohio Farmer 196(3): 17. Aug. 4, 1945. 6 Oh3
- 13089 ENGINE, S. A. What can I pay for a dairy barn? Minn. U. Agr. Ext. Farm Business Notes, No. 270, p. 1-2. June 25, 1945. 275.29 M663
- 13090 HADLINGTON, E. Shelter for poultry in cold weather. Farmer and Settler 40(21): 14. June 22, 1945. 23 F226



- 13091 HOFFMANN, E. Suggests changes in broiler houses as result of heat wave. Peninsula Broiler J. 5(6): 1-2. July 16, 1945. 47.8 P37
- 13092 HUNT, W. J. Alfalfa feeder for hogs. Successful Farming 43(8): 66. Aug. 1945. 6 S12
- 13093 JONES, R. E. Cut north openings in laying houses. Cackle and Crow 27(9): 2. July 1945. 47.8 C11
- 13094 KRUISWYK, H. D. How to build laying house. Washcoegg 23(2): 10. July 1945. 47.8 W27
- 13095 L., A. Range shelter for poultry. Rural New-Yorker 104: 377. Aug. 1945. 6 R88
- 13096 LACKLAND, S. B. Building and using coop walks. Part I. Grit and Steel 42, i. e. 45(3, i. e. 4): 16-17. Aug. 1945. 47.8 G88
- 13097 LEESON, A. An easily made hundred-egg incubator. Farmer's Weekly-Bloemfontein, 69: 502-503. May 23, 1945. 24 F225
- 13098 OSGOOD, G. Time is money ... spend it wisely! Checkerboard News 7(6): 4-5. Aug. 1945. 389.79 C41
- Rearranging of laying house equipment.
- 13099 OSSE, L. Instalações para uma criação de cavalos nacionais. São Paulo (State). Dept. de Prod. Anim. B. de Indús. Anim. (n.s.) 7(3/4): 99-102. July/Oct. 1944. 49 R324
- 13100 PASLAY, R. C. Hay drying bin for small farms. Elect. on the Farm 18(6): 10, 25-26. June/July 1945. 335.8 E127
- 13101 PAUL, A., JR. Dipping vat on wheels. Amer. Hereford J. 36(5): 236, 254-255. July 1, 1945. 43.8 Am32
- 13102 RAIMO, H. F. Exploração e criação em abrigos móveis. Rev. dos Criadores 16(5): 49-53. May 1945. 43.8 R32
- 13103 RUMLER, R. H. Range nest house. Successful Farming 43(8): 30. Aug. 1945. 6 S12
- 13104 SHANNON, A. T. Useful stock meal feeder for small farm. New Zeal. Dept. Agr. J. 70: 411. Apr. 16, 1945. 23 N48J
- 13105 SOBRERO, L. R. En la chacra moderna: máquinas, herramientas y sugerencias prácticas. Pampa Argentina 19(212): 48. Apr. 1945. 9 P19
- 13106 STEVENS, V. A good way to save chickens. Family Herald and Weekly Star 76(27): 9. July 4, 1945. 7 F21
- Use of thermostat in brooder house.
- 13107 TREADWELL, V. C. Use thatch for temporary houses. Poultry [London] 96: 409. June 26, 1945. 47.8 P869
- 13108 TURNILL, L. How to make a unit for 40 birds. Poultry Farmer [London] 112(2922): 3. June 22, 1945. 47.8 F312
- 13109 \*WITT. Anforderungen des tierzüchters an den stall. Arbeitsgemeinschaft zur Förderung des Landw. Bauwesens. Schriftenreihe, No. 1, p. 33-37. 1941. 281.9 A1

#### Storage Structures

- 13110 AMOS, A. Observations on silage-making. Exclusion of air from concrete silos. Gt. Brit. Min. Agr. Agriculture 52: 151-153. July 1945. 10 G79J
- 13111 BADER, A. K. Remodeling the house basement to include storage room for fruits and vegetables. Kans. State Col. Ext. Neighborhood Leader, July 1945, p. 2. 275.29 K13N
- 13112 BATEMAN, S. D. Lining a trench silo. Country Gent. 115(8): 31. Aug. 1945. 6 C833
- 13113 COMIN, D., and JURNILA, W. Post war use of refrigeration on the vegetable farm. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 70-79. 75.9 Oh3
- 13114 DANA, H. J., and MILLER, R. N. Home built farm refrigeration. Wash. State Col. Engin. Expt. Sta. B. 68, 34 p. Pullman, 1944. 290.9 W272
- 13115 FEW, F. G. Charcoal coolers on dairy farms. Queensland Agr. J. 60: 302-310. May 1, 1945. 23 Q33

- 13116 KANSAS. AGRICULTURAL EXPERIMENT STATION. DEPT. OF POULTRY HUSBANDRY. Cellar for storing eggs. U. S. Egg & Poultry Mag. 51: 299-301. July 1945. 286.85 Eg3
- 13117 \*S., E. Das kühlhaus von Charrat (Wallis). Schweiz. Gart., No. 1, p. 21. Jan. 1945. 80 Sch93
- 13118 SPRAGUE, D. C., ACKERMAN, W. F., and COBB, J. S. Proper design and management reduce maintenance costs of potato storages. Sci. Farmer [Pa. Sta.], June 1945, p. 1-2. 100 P381
- 13119 STEEVES, T. A., and COOK, W. H. Reduction of spatial temperature variations in air-cooled cold storage rooms. I. Canad. J. Res. Sect. F, Technol. 23: 253-262. July 1945. 470 C16F
- 13120 TORRES HERRERA, J. M. Silos y ensilajes. Agr. Trop. 1(2): 31-32. Mar. 1945. 26 Ag8

#### Farm Utilities

- 13121 ALLEN, A. J. Water supply problems in rural districts from the engineering point of view. Roy. Sanit. Inst. J. 65: 143-149. July 1945. 449.9 R812
- 13122 ANTES, W. M. Panhandle ramblings: farmers plan more use of electricity. Nebr. Farmer 87(13): 5. July 7, 1945. 6 N27
- 13123 ATKINS, C. E. National inventory of needs for sanitation facilities. IV. Rural sanitation. Pub. Health Rpts. 59: 969-978. July 28, 1944. 151.65 P96
- 13124 BURNETT, S. S. You'll use more water when it comes from faucets. Farm and Ranch 64(7): 19. July 1945. 6 T31
- 13125 CLARK, M. W. Installing a farm sewer system. Rural Electrification News 10(11): 6, 22. July 1945. 173.2 R88Ru
- 13126 EDISON ELECTRIC INSTITUTE. Farm electrification by States, 1944 compared with 1940. Farm service (totals of utilities reporting farm service separately from other classifications) 1944. Farms served, kilowatt-hour sales and revenue, 1926-1943. Rural Electrification B. 3(1): 42-43, processed. July 1945 335.8 R883
- 13127 ELLIS, M. G. Electrification under way. Family Herald and Weekly Star 76(28): 6. July 11, 1945. 7 F21
- 13128 \*FERAUD, L. L'électrification de la petite ferme familiale de polyculture. Rev. des Agr. de France 73: 158-163. June 1941. 14 B325
- 13129 GRANGER, W. Rural water supplies: ideals and practical possibilities. Roy. Sanit. Inst. J. 65: 182-184. July 1945. 449.9 R812
- 13130 HARTOGENSIS, H. Accidental prosperity: electric power helped this Arkansas farmer to capitalize on an injury. South. Agr. 75(7): 9, 19. July 1945. 6 So83
- 13131 HERWIG, A. F. Wisconsin association trouper carry farm electrification story to 4 H leaders throughout State. Edison Elect. Inst. B. 13: 212-213. July 1945. 335.8 Ed4
- 13132 HIBBEN, S. G. How long should a lamp live? Elect. on the Farm 18(6): 9. June/July 1945 335.8 E127
- 13133 HONAMAN, R. K. Rural telephone service over power wires. Elect. World 124(5): 94-97. Aug. 4, 1945. 335.8 E12
- 13134 JOHNSON, R. E. The bright future of farm electrification. Rural Electrification B. 3(1): 1-3, processed. July 1945. 335.8 R883
- 13135 KAISER, W. G. Dispose of farm sewage safely. Farmers Guide 101(15): 4. Aug. 1, 1945. 6 In2
- Concrete septic tank.
- 13136 LEHR, D. They didn't wait for REA lights. Farm and Ranch 64(8): 14. Aug. 1945. 6 T31
- 13137 LLADO, J. G. Electricity on Georgia farms. Ga. "Ag Engin." 16: 31. 1945. 290.9 G29
- 13138 MARTIN, H. F. A day on a Long Island dairy farm or what's behind your glass of milk. Rural Electrification B. 3(1): 4-6, processed. July 1945. 335.8 R883
- Use of electricity.



- 13139 NEELEY, C. M. Students learn to wire farms. Rural Electrification News 10(11): 11, 22. July 1945. 173.2 R88Ru
- 13140 PORTER, L. C. A farm lighting survey. Agr. Engin. 26: 282. July 1945. 58.8 Ag83
- 13141 PROVEAUX, C. L. Future possibilities of rural electrification. Ga. "Agr. Engin." 16: 14-15. 1945. 290.9 G29
- 13142 RADDER, N. J. Frank Norris makes money out of water. Successful Farming 43(8): 22-23, 35-37. Aug. 1945. 6 Sul2
- 13143 SHADGETT, L. M. Rural electrification in Georgia. Ga. "Agr. Engin." 16: 12-13. 1945. 290.9 G29
- 13144 \*TOUCHE, F. DE LA. Les battages par l'électricité en Indre-et-Loire. Rev. des Agr. de France 74: 10-12. (To be cont.) Jan. 1942. 14 R325

#### Materials and Methods

- 13145 TERRELL, A. C. Wartime painting of dairy plants. South. Dairy Prod. J. 38(1): 38-39, 44. July 1945. 44.8 So83
- 13146 WARWICK, J. H. Building with concrete on the farm. Ga. "Agr. Engin." 16: 29. 1945. 290.9 G29

#### AGRICULTURAL PRODUCTS: PROCESSING. DISTRIBUTION, AND STATISTICS

##### GENERAL

- 13147 AMERY, W. B. World food problems; lower ration for Britain; Europe's tragic position. Primary Prod. [Perth] 30(20): 1. May 17, 1945. 23 P932
- 13148 ANDERSON, C. These are the food prospects. DPMA News 5(10): 8-10. July 1945. 280.28 D144
- 13149 ANDERSON, C. P. Where will we get the food? Baker's Digest 127(4): 41-43. July 23, 1945. 389.8 B172
- 13150 ARIÑO, M. DE. La Argentina como productora de materias primas ante los problemas de la postguerra; IV Congreso Rural Argentino. Buenos Aires y La Pampa, No. 79, p. 22-24. Apr. 1945. 9 B868
- 13151 BARNARD, R. S. Civilians of U. S. have little to complain about. Pacific Northwest Grocer & Meat Dealer 50(7): 20-21. July 1945. 286.28 P11
- Food conditions in Great Britain.
- 13152 BEERSTEIN, S. P. Living and office-operating costs in Colombia. U. S. Bur. Foreign and Dom. Com. Internatl. Ref. Serv., v. 2, No. 7, 10 p. Washington, 1945. 157.54 In8
- Includes agricultural products produced by Colombia and cost of food.
- 13153 BRISTER, W. C. Increasing the food supply of the Western Hemisphere; a cooperative program. Pan Amer. Union. Bul. 79: 383-390. July 1945. 150.9 M76
- 13154 \*CAPANNA, A. Gli approvvigionamenti dell'Europa e le possibilità di rifornimento dall'Africa. I-III. Rass. Econ. dell'Africa Ital. 29: 237-251, 315-327, 405-425. Apr.-June 1941. 261 C71
- Pts. II and III take up agricultural raw materials and food products.
- 13155 \*CHEVALIER, A. La collaboration nécessaire au point de vue agricole entre la France et son empire colonial. Acad. d'Agr. de France. Compt. Rend. 27: 167-176. Feb. 5/12, 1941. 14 P215Bc
- French and colonial production of various products.
- 13156 \*CIFERRI, R. La futura economia agrario-coloniale europea. Rass. Econ. dell'Africa Ital. 29: 383-404. June 1941. 261 C71
- The situation and possibilities for rubber, coffee, cacao, tea, and sugar.
- 13157 COFFIN, H. S. What's ahead for the food industry -- now? Mag. Wall St. 76: 432-435, 454. July 21, 1945. 286.8 M27
- 13158 COHEN, R. M. The meat of things. Butchers' Advocate 118(4): 21. July 25, 1945. 286.85 B97
- Food problems.
- 13159 CORSON, J. Can UNRRA stop famine? Nation 161: 57-59. July 21, 1945. 280.8 M215
- 13160 DAKIN, M. E. Pinch hitters for sugar and fats. With the Conn. Homemaker, July 24, 1945, p. 25, 27. 275.29 G76W1
- 13161 ELLIS, M. G. Red River Valley; varied and important crops are grown in Crop District No. 3 southwest of Winnipeg. Family Herald and Weekly Star 76(28): 3, 42. July 11, 1945. 7 F21
- 13162 ELLS, H. E. Denmark has plenty of food. Farmer & Stock-Breeder 59: 919. June 12, 1945. 10 F228
- 13163 EVANS, O. R. Reviews world food shortages; Canada's representative on the Combined Food Board tells all. Family Herald and Weekly Star 76(27): 7, 10. July 4, 1945. 7 F21
- Reports a talk by G. R. Patterson.
- 13164 FERNÁNDEZ Y FERNÁNDEZ, R. Principales cultivos de la República Mexicana. Campo [Guadalajara] 13: 109. June 1945. 8 G76
- 13165 \*GERALDES, C. DE M. Réflexions au sujet de l'extension des cultures indigènes et de la protection de la nature. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 196-200. 26 In863
- Portuguese colonies.
- 13166 HENDRICKSON, R. F. The coming winter in Europe. Natl. Food Distrib. J. 19(7): 16. July 1945. 286.28 M212
- Food situation.
- 13167 HENDRICKSON, R. F. Europe must have food. Northwest. Miller 223(1): 17, 24, 77, 80, 85-86. July 4, 1945. 298.8 N81
- A discussion of the food situation, with special attention to the relief program of the United Nations Relief and Rehabilitation Administration.
- Also in Milk Dealer 34(10): 102-105. July 1945. (44.8 M595) under title: The coming winter in Europe.
- 13168 HENRY, P. There just won't be enough to eat. Mag. Digest 31(2): 66-72. Aug. 1945. 110 M27
- Food conditions in Europe.
- 13169 HORN, K. VON. How Sweden is aiding Scandinavian recovery. Amer. Swedish Monthly 39(8): 13-14, 26-27, 29. Aug. 1945. 286.8 Sw3
- Food and other relief to Norway.
- 13170 INTER-AMERICAN CONFERENCE ON PROBLEMS OF WAR AND PEACE, MEXICO CITY, FEB. 21 - MAR. 8, 1945. Report submitted to the Governing Board of the Pan American Union by the Director General. Pan Amer. Union. Cong. and Conf. Ser. 47, 115 p. Washington, D. C., 1945. 150.91 In822
- Conclusions 46 and 54 deal with sale and distribution and processing of agricultural products.
- 13171 KOEPFLE, L. G. British Malaya. Foreign Com. Weekly 20(3): 14-17. July 14, 1945. 157.54 F763
- Chief agricultural products are included.
- 13172 \*LACZKÓ, A., and MOHÁCSI, T. Die faser- und Ölpflanzen. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 50-55. 1942. 18 G31A
- Survey of production in Hungary.
- 13173 LEADLEY, T. Food shortage; House Committee hears criticisms at Omaha. Nebr. Farmer 87(13): 5. July 7, 1945. 6 M27
- 13174 LLEWELLYN. The world food position. (Excerpts.) Food [London] 14: 173-174. July 1945. 389.8 F738



13175 \*PIETTRE, M. Mise en valeur de notre empire colonial; culture du coton en dry farming; utilisation des troupeaux du Tchad. Acad. d'Agr. de France. Compt. Rend. 27: 429-443. Apr. 2/9, 1941. 14 P215Bc

The French colonies as a source of cotton and wool and meat production in the colonies.

13176 PURVES, C. M. Allied nations contributions to war food supply. Foreign Crops and Markets 51: 3-6. processed. July 9, 1945. 1.9 St2F

13177 ROMERO MANRIQUE, A. Distribución de productos agrícolas [Colombia]. Agr. Trop. 1(4): 53-56. (Cont.) May 1945. 26 Ag8

13178 \*SEIDEL, R. Die lebensmittelverbrauchsordnung Schwedens. Internatl. Agrar-Rundschau, No. 1, p. 14-17. Jan. 1943. 28 In89

Food supplies and rationing.

13179 TURNER, J. Britain's future food supplies; co-ordinating home and imported flows. Farming News and North Brit. Agr. 97(27): 3. June 29, 1945. 10 N82

13180 \*VIRGILII, F. La capacità di popolamento dell'Africa. Rass. Econ. dell'Africa Ital. 30: 223-227. May 1942. 261 C71

Agricultural production is noted for the various regions.

#### ANALYSIS AND COMPOSITION

13181 CLIFFORD, P. A. Report on fluorine. Assoc. Off. Agr. Chem. J. 28: 277-279. May 1945. 381 As7

Method for the determination of fluorine in food.

13182 FINE, S. D. Report on gums in mayonnaise and french dressing. Assoc. Off. Agr. Chem. J. 28: 249-251. May 1945. 381 As7

13183 \*GUILLEMET, R., and PRÉCEPTIS, P. Le dosage de la cellulose par dissolution formique de l'amidon et des protéides. Acad. d'Agr. de France. Compt. Rend. 28: 383-385. Apr. 15/22, 1942. 14 P215Bc

Analysis of flour, bran, and potato pulp.

13184 HARRIS, K. L. Report on microanalytical methods for extraneous materials in baked products, cereals, and eggs. Assoc. Off. Agr. Chem. J. 28: 228-230. May 1945. 381 As7

13185 HART, F. L. Report on gums in foods. Assoc. Off. Agr. Chem. J. 28: 243-245. May 1945. 381 As7

13186 HELSEL, W. G. Report on microanalytical methods for extraneous materials in fruits and fruit products; and confectionery, sugars, sirups, molasses, and honey. Assoc. Off. Agr. Chem. J. 28: 230-231. May 1945. 381 As7

13187 INSTITUTO NACIONAL DE LA NUTRICIÓN, BUENOS AIRES. Composición química de algunos alimentos producidos en el país. Asoc. Argentina de Dietología. Rev. 3(9): 73-75. Jan./Mar. 1945. 389.9 As5

13188 JARLONSKI, C. F. Report on coloring matters in foods. Assoc. Off. Agr. Chem. J. 28: 197-200. May 1945. 381 As7

13189 KLEIN, A. K., and WICHMANN, H. J. Report on cadmium. Assoc. Off. Agr. Chem. J. 28: 257-269. May 1945. 381 As7

Method for the determination of cadmium in food.

13190 MACDONALD, A. Food poisoning. Roy. Sanit. Inst. J. 65: 171-174. July 1945. 449.9 R812

13191 NORTH, W. R. Anilin oil-methylene blue stain for the direct microscopic count of bacteria in dried milk and dried eggs. Assoc. Off. Agr. Chem. J. 28: 424-426. May 1945. 381 As7

13192 PATTERSON, W. I. Report on decomposition in foods. Assoc. Off. Agr. Chem. J. 28: 233-239. May 1945. 381 As7

13193 TAYLOR, L. V., and ALEXANDER, O. R. Report on zinc. Assoc. Off. Agr. Chem. J. 28: 271-277. May 1945. 381 As7

Method for the determination of zinc in foods.

13194 WELCH, H. Report on microanalytical methods for extraneous materials in foods and drugs. Assoc. Off. Agr. Chem. J. 28: 222-223. May 1945. 381 As7

13195 WICHMANN, H. J. Report on metals in foods. Assoc. Off. Agr. Chem. J. 28: 253-257. May 1945. 381 As7

13196 WILSON, G. S. Staphylococcal food poisoning. (Abs.) Soc. Agr. Bact. Proc. (1944) 15: 72-74. 1945. 448.39 Sol2

#### CONSUMPTION AND UTILIZATION

13197 \*CHOUARD, P. Ressources méconnues de la campagne pour les temps de restriction. Rev. des Agr. de France 72: 201-203. Nov. 1940. 14 R325

13198 ENRÍQUEZ, R. El Brasil, futura gran potencia industrial. Chacra 15(176): 80-81, 89. June 1945. 9 C34

Includes discussion of the agricultural products which may be processed.

13199 FLEITES, M. A. Contribución al estudio de los recursos económicos de Cuba. B. de Inform. Agr. del Gobierno Prov. de Las Villas 17(128): 20-25. (Cont.) Apr./June 1945. 8 Sa53

Cuban agricultural products which may be used in industry.

13200 GONZÁLEZ, M. Como se fabrica el alcohol. B. de Inform. Agr. del Gobierno Prov. de Las Villas 17(128): 10-13. Apr./June 1945. 8 Sa53

Manufacture of alcohol from sugar or products containing starch.

13201 HADARY, G. Determining factors in post-war food consumption. Food Indus. 17: 748-749, 870, 872. July 1945. 389.8 F737

13202 \*LEMOIGNE, and LEFÈVRE, J. Possibilités agricoles actuelles pour la production de l'alcool. Acad. d'Agr. de France. Compt. Rend. 27: 366-379. Mar. 19/26, 1941. 14 P215Bc

On the outlook for alcohol production from various crops.

13203 \*MANETTI, C. Le colture alimentari nell'Impero. Rass. Econ. dell'Africa Ital. 29: 622-630. Sept. 1941. 261 C71

Products and their utilization.

13204 PERSPECTIVAS para industrializar a nuestro país. Mex. Sec. de Relac. Exteriores. Rev. del Com. Exterior 10(2): 12-21. (Cont.) Feb. 1945. 286.8 M575

Includes prospects for industrial utilization of agricultural products.

13205 PODOLSKY, E. Chemistry finds new uses for farm products; help over-production. Farmers Guide 101(15): 9. Aug. 1, 1945. 6 In2

13206 VAIDYANATHAN, P. Relation of agricultural production to nutrition in Australia. Rev. Mktg. Agr. Econ. (n. s.) 13: 28-32, processed. Feb. 1945. 286.8 N47M

Contains estimates of production requirements for various agricultural commodities. A chart to be read with this article is given on p. 53.

#### DISTRIBUTION, MARKETING, AND TRANSPORTATION

13207 AITKEN, M. Farming in New Zealand; transport. New Zeal. J. Agr. 70: 459-463, 465-467. May 15, 1945. 23 N48J

History of transportation development.

13208 BABCOCK, H. E. Better food...key to future. News for Farmer Coops. 12(4): 4, 20. July 1945. 166.2 N47

Cooperative marketing.

13209 BAXTER, SIR T. "Duty to their fellow producers." Farmers Weekly [London] 23(1): 27. July 6, 1945. 10 F2226

Handling of infractions under the Agricultural Marketing Scheme.



13210 DEVOTO, F. E. La tragedia del productor rural; no basta saber producir; es necesario saber vender; proyecto de solución técnica y organización. Chacra 15(176): 22. June 1945. 9 C34 Argentina.

13211 GOÑI, R. El chacarero y el ferrocarril. Buenos Aires y La Pampa, No. 79, p. 20-21. Apr. 1945. 9 B868

13212 \*GROTTANELLI, V. L. Appunti su alcuni mercati galla. Rass. Econ. dell'Africa Ital. 29: 164-182. Mar. 1941. 261 C71

13213 HAUCK, C. W. Food waste in distribution. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 19-21. 75.9 Oh3

13214 MONTGOMERY, P. H. Railway transportation of perishable products. Refrig. Engin. 50: 109-112, 146. Aug. 1945. 295.9 Am32J

13215 PERKIN, G. F. Ontario farmers are getting a taste of collective bargaining; marketing schemes under the Farm Products Control Act give producers a direct voice and power to negotiate prices. Farmer's Advocate and Home Mag. 80: 455, 482-483. June 28, 1945. 7 F22

13216 STANTON, B. E. Women's market pays off. News for Farmer Coops. 12(4): 1, 15-16. July 1945. 166.2 N47

The Montgomery County Farm Women's Cooperative Market at Bethesda, Md.

13217 WHITE, B. The canner and "reconversion." Canner 101(6): 17, 28, 30. July 7, 1945. 286.83 C16

Program for postwar merchandising of frozen foods.

#### GRADING, INSPECTION, STANDARDIZATION, AND QUALITY

13218 BAKALAR, R. Study of consumer preference information on labels. Glass Packer 24: 589-591. Aug. 1945. 309.8 G463

13219 BEINS, C. A. Meeting competition successfully through quality control of frozen foods. West. Frozen Foods 6(9): 3-5. July 1945. 389.8 W523

13220 GADE, P. Inspected foods service studies what consumers want on labels. Indus. Standardization 16: 132-134. June 1945. 297.8 In22

13221 KING, J. Some experiences in the sampling of food. (Abs.) Analyst 70: 201. June 1945. 382 An1

Discusses faults in canned food.

13222 NEW YORK. STATE DEPT. OF AGRICULTURE AND MARKETS. Provisions of laws relating to weights and measures (State and Federal) with rules and regulations. N. Y. State Dept. Agr. and Markets. C. 659, 97 p. Albany, 1945. 2 N482C

13223 PAYNE, H. Standards in the canning industry. Indus. Standardization 16: 129-130. June 1945. 297.8 In22

13224 \*SCANDURA, A. Soggettività dei pesi e delle misure indigene dell'Africa Italiana e loro funzione economica. Rass. Econ. dell'Africa Ital. 28: 991-997. Dec. 1940. 261 C71

13225 SOUTHERN, R. Pure food regulations. Co-op. Rev. 19: 86-87. June 1945. 280.28 C7823 Labeling.

#### PACKING AND PACKAGING

13226 HOFFMAN, M. Post-war locker packaging. Du Pont Mag. 39(2): 19-20. May/June 1945. 309.8 D92

13227 LEE, H. So you want to be a grocer! Article No. 8. Transparent bags for many items. Canad. Grocer 59(15): 14. Aug. 1, 1945. 286.83 C162

13228 LEFFINGWELL, G. How glycerine serves glass packaged foods. Food Packer 26(9): 58, 60. Aug. 1945. 286.83 C165

13229 SEGUR, R. F. Tin shortage — a two-year post-war problem; glass containers will undoubtedly be continued in use wherever tin was required in the pre-war containers, due to the lack of tin supply in this country. Glass Packer 24: 597, 640, 642. Aug. 1945. 309.8 G463

#### PRICES, PRICE CONTROL, AND RATIONING

13230 CAMPBELL, K. O. Price "spreads" between farmer and consumer. Rev. Mktg. Agr. Econ. (n. s.) 13: 55-61, processed. Mar. 1945. 286.8 N47M

13231 \*CAO-PINNA, M. Il razionamento in Libia. Rass. Econ. dell'Africa Ital. 29: 781-791. Dec. 1941. 261 C71

Chiefly food rationing.

13232 COLLAS, H. A. What Guernsey growers got for crops. Farmer & Stock-Breeder 59: 1005. June 26, 1945. 10 F228

Prices obtained for products under Nazi occupation.

13233 \*GIRARD, H. Comment fixer le prix des produits agricoles? Rev. des Agr. de France 73: 329-332. Nov. 1941. 14 B325

13234 \*GUPTA, R. B. Agricultural prices in the United Provinces (brought up to date). United Provs. Agr. and Oudh. Bur. Statist. and Econ. Res. B. 1, rev. 145 p. Allahabad, 1941. 280.9 In25

13235 HEMPHILL, P. V. North Dakota farm prices. N. Dak. Agr. Expt. Sta. Bimo. B. 7(5): 27-28. May/June 1945. 100 N813B

13236 LACY, R. W. AAA assures farmers and general public of fair prices for their products. Boonville Advertiser 106(30): 8, 80. July 1945. 281.28 B64

The Agricultural Adjustment Agency's program for Cooper County, Mo.

13237 LIMA, O. A. DE. A crise atual vista através do exame das causas remotas, que tanto se refletem na situação do país. Rev. Rural Bras. 25(297): 29-31. May 1945. 9.2 B733

Economic problems, chiefly coffee and cotton prices.

13238 LIPFITT, M. L. An appeal to the jobber—stop laxity to OPA! Wholesale Grocer News 20(4): 19-20, 38. July 1945. 286.83 W622

Price control and rationing violations.

13239 PAWLEY, W. H. Canada's plan to maintain agricultural prices; an appraisal. Rev. Mktg. Agr. Econ. (n. s.) 13: 32-38, processed. Feb. 1945. 286.8 N47M

13240 POULIN, L. P. Les prix déclineront-ils rapidement? Terre de Chez Nous 17(38): 7. June 27, 1945. 7 T27

Prices of Canadian agricultural products.

13241 ROTHSCCHILD, K. W. Rationing and the consumer. Oxford Econ. Papers, No. 7, p. 67-82. Mar. 1945. 280.8 Ox2

Includes food rationing.

13242 SIRETT, H. Food extras for farming folk. Farmer & Stock-Breeder 59: 1090. July 10, 1945. 10 F228

Ration extras for British farm workers.

13243 TANNER, C. Crop quotas for every farm; revealed—a new plan to peg farm prices permanently. Mag. Digest 31(2): 101-103. Aug. 1945. 110 M27

#### PROCESSING AND STORAGE

13244 ADAMS, J. R. Jerseyites welcome first exclusive frozen food store. Ice Cream Field 46(1): 44. July 1945. 589.8 Ic23

Igloo Frozen Food Center, Inc.

13245 APPLETON, SIR E. V. The work of the Department of Scientific and Industrial Research. Roy. Soc. Arts. J. 93: 372-382. June 22, 1945. 501 L847J

Includes food investigation work.

13246 BASHFORD, T. E. Thermophilic infection in war-time canning. (Abs.) Soc. Agr. Bact. Proc. (1944) 15: 61-64. 1945. 443.39 Sol2



13247 BIRKETT, C. B. New Zealand: a market survey. III. Secondary industry and trade policy. Canada. Dept. Trade and Com. Com. Intel. J. 73: 47-51. July 21, 1945. 286.8 C16

Includes the extent of the dehydrated foods industry.

13248 BONNEY, V. B. Report on canned vegetable and vegetable products. Assoc. Off. Agr. Chem. J. 28: 193-194. May 1945. 381 As7

13249 BURKE, N. W. Whether we quick-freeze, can or store, Americans want to save all food produced. West. Farm Life 47(12): 18. July 15, 1945. 6 K153

Home freezing.

13250 CASS, G. V. Thermophilic contamination--menace to canned goods in the Tropics. Crown 34(8): 21, 27. Aug. 1945. 389.8 C23

13251 DOOLE, L. E. Canning center boosts gardens. Nebr. Farmer 87(14): 16-17. July 21, 1945. 6 N27

The Lincoln Community Canning Center.

13252 EWING, J. T. Co-operative canning; this fruit cannery in Oregon has shifted to vegetables in recent years. Family Herald and Weekly Star 76(28): 5, 6. July 11, 1945. 7 F21

On the Eugene Fruit Growers' Association's plant.

13253 KIENE, J. Steps in freezing food. Pa. Farmer 133: 34. July 28, 1945. 6 P383

13254 LEVERENZ, W. Tips for August canning. Prog. Farmer, Tex. Ed. 60(8): 28. Aug. 1945. 6 T311

13255 LEWIS, L. H. Some facts about frozen food--or cold storage lockers. For Sale, Want and Exch. B. 4(8): 1, 4. July 16, 1945. 280.38 F74

13256 LÓPEZ PORTILLO, A. La industria frigorífica en México. Rev. de Econ. 8(5/6): 11-13. June 1, 1945. 280.8 R3293

13257 MCPHERSON, O. H. M. Una solución a los problemas de almacenamiento en los Trópicos. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 205-207. May/Dec. 1944. 8 R325

13258 MILLER, A. E. The cold storage industry in Great Britain. Ice and Refrig. 109(2): 41. Aug. 1945. 295.8 Ic2

13259 PEARCE, J. A. Fluorescence measurements as a quality control technique in food processing. No. 1-2. Food in Canada 5(6): 14-16, 18, 21; (7): 16-18, 21-22. June-July 1945. 389.8 F7323

13260 PFUND, M. C. Treating jar rings prevents off-flavor in canned foods; most 1945 rings will impart little or no flavor to food but treatment is advised for those distributed previously. Farm Res. [N. Y. State Sta.], 11(3): 7-8. July 1945. 100 N48A

13261 \*PIETTRE. La grande pitié des denrées périssables; équipement frigorifique national et contrôle hygiénique à la production. Acad. d'Agr. de France. Compt. Rend. 27: 943-964. Oct. 29/Nov. 5, 1941. 14 P215Bc

13262 ROWE, B. M. Planning your canning. Farmer [St. Paul], Dak. Ed. 63(10): 20, 23. May 19, 1945. 6 F2211D

13263 SARGENT, A. P. Deshidratación de productos alimenticios; aspectos científicos y prácticos. Bolsa de Com., Rosario. Rev. 33(799): 15-16. Apr. 30, 1945. 287 R71

13264 SATER, L. E. It's time to know about freezing. Parents' Mag. 20(8): 40, 136-137. Aug. 1945. 320.8 O433

13265 SCHOFIELD, M. Aluminium and the food industry. Food Manufacture 20: 251-253. July 1, 1945. 389.8 F736

Aluminum cooking utensils and canning.

13266 SIMMONS, K. Safe canning for good eating. Hygeia 23: 598-599. Aug. 1945. 449.8 H993

13267 SMALL, J. El enfriamiento artificial y sus servicios vitales. (Digest.) Rev. Canad. [habana] 5(3/4): 16-18. Mar./Apr. 1945. 49 R321

13268 TISCHER, R. G., and ESSELEN, W. B., JR. Home canning. Food Res. 10: 197-226. May/June 1945. 389.8 F7322

Contents: I. Survey of bacteriological and other factors responsible for spoilage of home-canned foods. II. Determination of process times for home-canned foods.

13269 TOBIN, R. B. U. S. dehydrators: lessons learned in last two years. Comments Argentine Trade 24(9): 56, 58, 60, 62, 64. Apr. 1945. 287 C359C

Quality of dehydrated foods purchased by the U. S. Army and processing methods.

13270 WATSON, S. Can this year -- for home, country. Better Farms 6(4): 6. July 15, 1945. 5 B462

## STATISTICS

13271 ABRISQUETA, F. DE. Estadísticas de la producción. Colombia. Contraloría Gen. An. de Econ. y Estadís. (ser. 2) 1: 20-27. Feb. 1945. 255.5 An1

Discusses statistics of primary production.

13272 BIRKETT, C. B. New Zealand: a market survey. Canada. Dept. Trade and Com. Com. Intel. J. 73: 2162: 1-8. July 7, 1945. 286.8 C16

Includes description of agriculture and gives statistics of primary production.

13273 FERNÁNDEZ Y FERNÁNDEZ, R. Índices generales de la producción agrícola. Soc. Mex. de Geog. y Estadís. B. 60: 239-255. Mar./Apr. 1945. 516 M57B

13274 \*GIORDANO, A. L'Africa ed il problema alimentare europeo. Rass. Econ. dell'Africa Ital. 31: 35-41. Jan. 1943. 261 C71

Statistical.

13275 \*KARDOS, B. Die verwertung der landwirtschaftsprodukte. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 150-153. 1942. 18 G31A

Value of production and trade in Hungary.

13276 OLLEA, D. E. Continúan pidiendo en Europa alimentos, para no morir de hambre; en nuestro país [Argentina] hace falta llevar de inmediato a cabo, una gran propaganda para aumentar la producción agrícola-ganadera. Cac. Algodonera 22(256): 1-5. May 31, 1945. 72.8 G11

Gives statistics to show the decline in production of various agricultural products.

13277 SHEPFRIN, F. Agricultural policy: wartime farm production. C. S. T. A. Rev., No. 45, p. 21-24, 26-28. June 1945. 7 C167C

Statistical.

## BEVERAGES AND CONDIMENTS

13278 \*AKSU, S. Pişirilmiş kahveleri muayene etmek için bir miyar kağıdı. Turkey. İhisarlar Tütün Inst. Raporları 3: 160. 1944. 69.8 T842

English summary.

Testing of coffee purity.

13279 ALFEND, S. Report on spices and other condiments. Assoc. Off. Agr. Chem. J. 28: 304-306. May 1945. 381 As7

Method of analysis.

13280 ANDRADE, T. DE. O café depois da guerra. DNC; Rev. do Dept. Nac. do Café [Brazil] 24: 467-468. Apr. 1945. 286.83 D44

13281 \*ASTRUC, H. Millésime 1943. Prog. Agr. et Vitic. 121: 111-114. Apr. 2/9, 1944. 14 P94

Wine quality.

13282 BENEGAS, R. El estado de la industria vitivinícola [Argentina]. Vinos, Viñas y Frutas 40: 394-397. May 1945. 9 Ag89

13283 \*BETTERER, E. Vendanges et vins 1943. Prog. Agr. et Vitic. 120: 231-233. Dec. 5/12, 1943. 14 P94

13284 BOHORQUEZ RUBIO, P. La industria de la vainilla (Vainilla planifolia). Agr. Trop. 1(1): 9-11. Feb. 1945. 26 Ag8



- 13285 \*BOIXO, BARON DE. Observations sur la fermentation superquatre. *Prog. Agr. et Vitic.* 121: 49-51. Feb. 6/13, 1944. 14 P94
- 13286 \*BOIXO, BARON DE. La taxation des vins de qualité du Midi. *Prog. Agr. et Vitic.* 122: 76-79. Mar. 4/11, 1945. 14 P94
- 13287 BORDEN COMPANY. Coffee. *Borden's Econ. Digest* 1(6): 1-6. May 1945. 389.8 B642  
History, production, marketing, processing, and consumption of coffee.
- 13288 \*CAMILLA, S. Le presumibili cause di traslazione dei maggiori centri di cultura del caffè coloniale da un continente all'altro. *Rass. Econ. dell'Africa Ital.* 30: 72-75. Feb. 1942. 261 C71
- 13289 \*CAPUS, J. L'assainissement du marché des vins par le contrôle des appellations d'origine. *Acad. d'Agr. de France. Compt. Rend.* 27: 1033-1050. Nov. 26/Dec. 3, 1941. 14 P215Bc
- 13290 \*DOUARCHE, L. La viticulture française au lendemain de la guerre. *Monit. Vitic.* 90(37/38): 2. May 9/12, 1945. 95.8 M74  
Refers to the wine industry.
- 13291 DUNCAN, G. M., and HALE, C. W. Quality control in brewing. No. 4. *Food in Canada* 5(6): 23-24, 27. June 1945. 389.8 F7323
- 13292 EISENBERG, W. V. Report on microanalytical methods for extraneous materials in spices, condiments, and miscellaneous products. *Assoc. Off. Agr. Chem. J.* 28: 232-233. May 1945. 381 As7
- 13293 \*ESCAFFRE, A. Taxation et qualité. *Prog. Agr. et Vitic.* 122: 52-53. Feb. 18/25, 1945. 14 P94  
Wine.
- 13294 FEDERICO, T. Fermentación anormal de los vinos. *Vinos, Viñas y Frutas* 40: 378-379. Apr. 1945 9 Ag89
- 13295 \*FRANÇOT, P., MAURO, J., and BOYER, L. A. L'oïdium; observations viti-vinicoles effectuées en Champagne en 1943. *Prog. Agr. et Vitic.* 121: 42-43, 54-57. (Cont.) Jan. 23/30, Feb. 6/13, 1944. 14 P94  
These installments compare musts from diseased and healthy grapes.
- 13296 GARFIELD, F. M. Report on starch in mustard. *Assoc. Off. Agr. Chem. J.* 28: 308-309. May 1945. 381 As7
- 13297 \*GARNIER, P. La situation viticole. *Acad. d'Agr. de France. Compt. Rend.* 28: 239-247. Feb. 18/25, 1942. 14 P215Bc  
The wine industry.
- 13298 \*GERVAIS, P. La situation viticole et la situation du marché des vins. *Acad. d'Agr. de France. Compt. Rend.* 27: 678-684. June 18/25, 1941. 14 P215Bc
- 13299 GRIFFITH, C. L. Emulsified seasonings give uniform distribution of flavor. *Food Packer* 26(9): 56, 58. Aug. 1945. 286.83 C165
- 13300 \*HARTMANN, A. Der gegenwärtige stand der bauerlichen oder hauselichen süßmostherstellung in der Schweiz. *Schweiz. Z. f. Obst- u. Weinbau* 54: 225-229. June 23, 1945. 80 Sch9  
Statistical.
- 13301 HENRY, A. M. Report on vinegar. *Assoc. Off. Agr. Chem. J.* 28: 307-308. May 1945. 381 As7  
Method of analysis.
- 13302 \*HEUCKMANN, W. Fragen der internationalen weinbauwirtschaft. *Deut. Agrarpolitik* 2: 51-55. Nov. 1943. 281.8 D48
- 13303 KATZ, L. J. The future of coffee. *Wis. Restaurateur* 12(3): 14, 16. Mar. 1945. 389.8 W75
- 13304 KEENAN, G. L. Report on microanalytical methods for extraneous materials in drugs, beverages, and beverage materials. *Assoc. Off. Agr. Chem. J.* 28: 224-225. May 1945. 381 As7
- 13305 \*LAURENCE, A. Les isles du rhum. *J. des Fabric. de Sucre* 85: 57, 59. Aug. 1, 1944. 65.8 J82  
Rum production in the West Indies.
- 13306 MANETTI, C. Il cacao, pianta dell'avvenire. *Rass. Econ. dell'Africa Ital.* 30: 131-138. Mar. 1942. 261 C71  
Consumption, geographic distribution, cultivation, and processing.
- 13307 MANGEL N., R. Cosecha y beneficio del cacao. *Agr. Venezol.* 9(105/106): 28-30. Jan./Feb. 1945. 9.95 Ag8
- 13308 MANZANO, M. A. Pro vinos boricuas. *Rev. de Agr., Indus. y Com. de Puerto Rico* 35: 168. May/Dec. 1944. 8 R325  
Urges the production of a native wine.
- 13309 \*MARCEL, M., and BASTISSE, E. M. Sur la technique de détermination du titre alcoolique des vins, cidres, bières, etc. *Acad. d'Agr. de France. Compt. Rend.* 28: 382-383. Apr. 15/22, 1942. 14 P215Bc
- 13310 MELLO, L. V. G. DE. Auxílio direto e imediato aos produtores de café, para manutenção e bom trato de suas culturas - Financiamento do produto a juros máximos de 3% aplicáveis também aos produtores agrícolas - Subsídio à exportação. *Rev. Rural Bras.* 25(296): 52-56. Apr. 1945. 9.2 B733
- 13311 MONTOYA GÓMEZ, A. Principales caracteres de los distintos tipos de cacao comercial. *Agr. Trop.* 1(4): 9-12. May 1945. 26 Ag8
- 13312 MORRISON, R. D. The tea industry in Japan. (Excerpts.) *Spice Mill* 68(7): 31. July 1945. 389.8 Sp4
- 13313 NÓBREGA, A. Pioneiros do café na Paraíba. *DNC; Rev. do Dept. Nac. do Café [Brazil]* 24: 491-500. Apr. 1945. 286.83 D44
- 13314 \*PEYER, E. Die aktion 1944 zur bezahlung des weinmostes nach Oechslegraden bzw. nach der qualität. *Schweiz. Z. f. Obst- u. Weinbau* 54: 231-233. June 23, 1945. 80 Sch9
- 13315 RAMÍREZ, J. H. Puerto Rico debe producir vinagre para la industria y para su uso en el hogar. *Rev. de Agr., Indus. y Com. de Puerto Rico* 35: 179-183. May/Dec. 1944. 8 R325
- 13316 RAMÍREZ MORENO, A. El problema del café. *Rev. Cafetera de Colombia* 8: 3053-3056. Mar. 1945. 68.28 R32
- 13317 REIS, A. C. F. Origens, esplendor e decadência da cultura cafeeira na Amazônia. *DNC; Rev. do Dept. Nac. do Café [Brazil]* 24: 482-486. Apr. 1945. 286.83 D44
- 13318 \*REITTERER, E. Caractéristiques de vins du Var provenant de vendanges très oïdées et desséchées par surcroît. *Prog. Agr. et Vitic.* 122: 51-52. Feb. 18/25, 1945. 14 P94
- 13319 SANTOS, J. El cultivo de la vid en la República Dominicana. *Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr.* 36(158): 4-6. Jan./Feb. 1945. 8 R323  
Describes the program for development of the industry and improvement of wine manufacture.
- 13320 SCHLUTER, G. C. Organised marketing in the coffee industry; some further reflections on the necessity of planned Eastern Hemisphere and East-West co-operation. *Crown Colonist* 15: 493. July 1945. 280.8 C88
- 13321 SCHWEISHEIMER, W. The orchid that flavors our foods. *Spice Mill* 68(7): 39-40. July 1945. 389.8 Sp4  
Vanilla.
- 13322 SCHWEISHEIMER, W. Spices used in bakery and confectionery products. *Bakers' Helper* 84 (1044): 58, 61. July 28, 1945. 389.8 B17
- 13323 SILVEIRA, A. H. DA. O fabrico de licores. *Campo [Rio de Janeiro]* 16(183): 61-64. Mar. 1945. 9.2 C15  
Includes recipes for various liqueurs.
- 13324 VALENCIA M., M. Antioquia y su industria cafetera. *Rev. Cafetera de Colombia* 8: 3075-3077. Mar. 1945. 68.28 R32



13325 VARGAS, H. J. La política de fijación de precios y el desarrollo del comercio internacional. An. de Econ. y Estadís. (ser. 2) 1(4): 25-26. Apr. 1945. 255.5 Anl

Coffee is used as an example.

13326 \*VINET, E. Mise en état du matériel de vendange et de vinification. Rev. des Agr. de France 73: 259-261. Sept. 1941. 14 R325

13327 VINOS defectuosos; enfermedad de los vinos agri dulces, también llamada de la "manita." Vinos, Viñas y Frutas 40: 372-373. Apr. 1945. 9 Ag89

13328 \*VOISIN, M. Fabrication de piquettes en 1941. Rev. des Agr. de France 73: 352. Dec. 1941. 14 R325

13329 \*WAHNON, J. S. Cafés torrados nacionais; contribuição para o seu estudo. Portugal. Dir. Geral dos Serv. Agr. Sér. Invest. 12, 81 p. Lisboa, 1943. 15.5 Ag84I

13330 WALKER, R. Tea kept the British Army going. Spice Mill 68(7): 33. July 1945. 389.8 Sp4

#### DAIRY PRODUCTS

13331 \*B. Von der ostschweizerischen milchwirtschaft. Schweiz. Milchztg. 70: 359-360. Oct. 13, 1944. 44.8 Sch92

13332 BAXTER, SIR T. Board chairman on the future of the British milk industry. Home Farmer 12(6): 7-8, 16. June 1945. 280.344 H75

13333 BRANDT, J. Plan to increase butter supply. (Excerpts.) Land O'Lakes News 25(6): 3-5. June 1945. 44.8 L22

13334 COBB, H. H. Let's drink buttermilk. South. Dairy Prod. J. 38(1): 24. July 1945. 44.8 So83

13335 CONNELLY, R. G. Progress in the dairy industry in Virginia. Va. Farm Econ., No. 76, p. 929-933. July 1945. 275.29 V813

13336 DRIVER, C. E. The cheese industry of Missouri. Mo. State Dept. Agr. B., v. 43, No. 4, 10 p. Apr. 1945. 2 M69B

13337 GAZTAMBIDE ARRILLAGA, C. El programa nacional de producción lechera. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 184-185. May/Dec. 1944. 8 R325

A United States program applicable to Puerto Rico.

13338 \*GIRARD, H. La question du lait. Acad. d'Agr. de France. Compt. Rend. 27: 557-564. May 7/14, 1941. 14 P215Bc

Suggestions for the dairy industry in France.

13339 GUNDLACH, G. P., and ESMOND, C. W. Post war competition; a report of interviews with 26 ice cream men from all sections of the country. Ice Cream Rev. 28(12): 40, 70. July 1945. 389.8 Ic22

13340 KOLLER, E. F. The dry milk situation; national income, world markets, research and promotional efforts to play important parts in determining future status of dried product. Amer. Milk Rev. 7: 238, 240, 242, 244, 260. July 1945. 44.8 Am38

13341 \*LANGHARD, O. Die versorgungslage mit milch und milchprodukten. Schweiz. Milchztg. 71: 263-264. July 20, 1945. 44.8 Sch92

13342 LLOYD, W. H. Lime and phosphate build milk production in North Carolina. Kraftsman, Prod. Ed. 3(4): 14-15, 19. July/Aug. 1945. 44.8 K85

13343 LOWRY, G. A bright future is predicted by Country Club officials. Milk Plant Monthly 34(7): 30, 32, 47. July 1945. 44.8 C864

Dairy industry in the Kansas City district.

13344 MCMUNN, E. W. So you expect your cows to make money! Ohio Farmer 196(1): 5. July 7, 1945. 6 Oh3

13345 MARSHALL, J., JR. Set another record. Calif. Milk News 25(15): 9. July 13, 1945. 44.8 Cl24

Dairy production in California.

13346 MARTÍNEZ GÓMEZ, U. Informe a la Junta de Economía de Guerra acerca de la escasez de leche, sus causas y medidas que deben tomarse para remediarla. B. de Inform. Agr. del Gobierno Prov. de Las Villas 17(128): 2-5, 31-32, 34. Apr./June 1945. 8 Sa53

13347 NISBET, J. C. How to make money in the dairy business after the war. Fla. Poultryman and Stockman 11(7/8): 24-25. July/Aug. 1945. 47.8 F66

13348 \*PIETRE, M. Collecte du beurre pour le ravitaillement. Acad. d'Agr. de France. Compt. Rend. 28: 537-538. Oct. 14/21, 1942. 14 P215Bc

Questions of storage and marketing.

13349 PROCTER, F. The Society of Dairy Technology; its influence on dairy plant. Dairy Indus. 10: 403-405, 411. June 1945. 44.8 D1427

13350 PULLINGER, E. J. The milk industry of South Africa. (VI). So. African Dairyman 7: 113, 115, 125. (Cont.) June 1945. 44.8 So822

13351 RIBEIRO, J. A. Deficiências da nossa indústria de laticínios. Rev. dos Criadores 16(5): 32-33. May 1945. 43.8 R32

On the Brazilian dairy industry.

13352 ROLLINO, J. C. Posición actual de la industria lechera en Canadá. Esnea 31(1334): 2a. Apr. 17, 1945. 44.8 Es5

13353 STITTS, T. G. The wartime dairy program. U. S. War Food Admin. Mktg. Activ. 8(7): 18-20, processed. July 1945. 1.942 A8M34

13354 TONER, W. The prospects and future for ice cream. Canad. Dairy and Ice Cream J. 24(6): 36. June 1945. 44.8 Cl62

13355 WALKER, R. Scottish firms protest profiteering charge. Ice Cream Field 46(1): 22. July 1945. 389.8 Ic23

Problems of the ice cream industry in Great Britain

13356 WARD, G. H. The dairy situation. Va. Farm Econ., No. 76, p. 933-935. July 1945. 275.29 V813

13357 WILSTER, G. H. Growth of Oregon cheese industry is reviewed by Dr. G. H. Wilster. Cheese Rptr. 69(48): 7-8. July 27, 1945. 44.8 Sh3

Similar title in Natl. Butter and Cheese J. 36(8): 32-34. Aug. 1945. 286.85 B98Bu

#### Analysis and Composition

13358 ARMSTRONG, T. V. Quality tests for milk and cream. Natl. Butter and Cheese J. 36(8): 82-83. Aug. 1945. 286.85 B98Bu

13359 \*BALAVOINE, P. Sur une teneur anormale du lait en matières minérales. Soc. de Phys. et d'Hist. Nat., Genève Compt. Rend. 60: 204-205. Apr./July 1943. 508 G28C

Compte Rendu also issued as supplement to Arch. des Sci. Phys. et Nat. 5. période, v. 25. July/Aug. 1943. 475 Ar22

13360 BARKWORTH, H., and JONES, G. E. Statistical control of colour reading in the resazurin test. (Abs.) Soc. Agr. Bact. Proc. (1944) 15: 44-46. 1945. 448.39 Sol2

13361 BAVONE, A. L., and PEARSON, E. J. Some experiences in the use of the phosphatase test. Milk Dealer 34(10): 106, 108-109. July 1945. 44.8 M595

13362 COULTER, S. T. Quality determination of fluid milk. Amer. Milk Rev. 7: 246. July 1945. 44.8 Am38

Methods of testing milk for bacteria.

13363 \*DASTUR, N. N., KASHYAP, D. R., and KOTHAVALLA, Z. R. A study of some simple methods for detecting adulteration in ghee. Indian J. Vet. Sci. and Anim. Husb. 14: 58-60. Mar. 1944. 41.8 In22

13364 \*DASTUR, N. N., KASHYAP, D. R., and KOTHAVALLA, Z. R. Use of colour fringes in butyrometer for detecting adulteration in ghee. Indian J. Vet. Sci. and Anim. Husb. 14: 49-52. Mar. 1944. 41.8 In22



- 13365 DAVIS, J. G., and JONES, V. E. The differentiation of cells from bacteria in the resazurin test. (Abs.) Soc. Agr. Bact. Proc. (1944) 15: 40-43. 1945. 448.39 Sol2
- 13366 \*E., O. Der fettgehalt der milch während der kriegszeit. Schweiz. Milchztg. 71: 267. July 24, 1945. 44.8 Sch92
- 13367 ELLIKER, P. R., and HORRALL, B. E. The mold mycelia count as an index of quality of butter. J. Dairy Sci. 28: 519-524. July 1945. 44.8 J822
- 13368 FEW, F. G. A cream temperature fallacy. Queensland Agr. J. 60: 234. Apr. 1, 1945. 23 Q33  
The fallacy that temperature rises during the night
- 13369 FRARY, G. G. Report on dairy products. Assoc. Off. Agr. Chem. J. 28: 200-204. May 1945. 381 As7  
Methods of analysis.
- 13370 FRARY, G. G. Report on solids and ash in milk and evaporated milk. Assoc. Off. Agr. Chem. J. 28: 211-213. May 15, 1945. 381 As7
- 13371 GNAGY, M. J. Report on gums in soft curd cheese. Assoc. Off. Agr. Chem. J. 28: 245-249. May 1945. 381 As7
- 13372 GOULD, I. A. Variations in the fat test of milk. Md. Farmer 29(7): 7, 10, 15. July 1945. 6 M362
- 13373 HAUSER, G. H., and KING, W. H. Preservative, chemical, and bacteriological effect of hypochlorite solution added to milk. Assoc. Off. Agr. Chem. J. 28: 417-424. May 1945. 381 As7
- 13374 HILLIG, F. Report on lactic acid in dried skim milk. Assoc. Off. Agr. Chem. J. 28: 213-215. May 15, 1945. 381 As7
- 13375 HILLIG, F. Report on neutralizers in dairy products. Assoc. Off. Agr. Chem. J. 28: 205-207. May 1945. 381 As7  
The ash of milk alkalinity method for the detection of neutralizers.
- 13376 IACONIS, C. L. Estudio microbiológico de preparados de leche en polvo para niños. Assoc. Argentina de Dietologia. Rev. 3(9): 54-56. Jan./Mar. 1945. 389.9 As5
- 13377 JONES, V. E., and DAVIS, J. G. The effect of pure cultures on the reduction of resazurin in milk. (Abs.) Soc. Agr. Bact. Proc. (1944) 15: 38-39. 1945. 448.39 Sol2  
Resazurin and methylene blue tests compared.
- 13378 \*KEILLING, J., and CAMUS, A. A propos du ramassage des crèmes. Acad. d'Agr. de France. Compt. Rend. 30: 225-228. 1944. 14 P215Bc
- 13379 KING, W. H. Report on chlorine in milk. Assoc. Off. Agr. Chem. J. 28: 215. May 1945. 381 As7
- 13380 \*KOTHAVALA, Z. R., KASHYAP, D. R., and DASTUR, N. M. Simplification of the Gerber test used for testing fat in milk. Indian J. Vet. Sci. and Anim. Husb. 14: 21-24. Mar. 1944. 41.8 In22
- 13381 \*LAKMINARAYANA, H., and SESHACHARYULU, E. V. Comparative study of milk agar and modified milk agar for the bacteriological examination of milk. Indian J. Vet. Sci. and Anim. Husb. 14: 52-53. Mar. 1944. 41.8 In22
- 13382 MINUT, J. Suposiciones y conceptos sobre la significación higiénico-sanitario del contenido de amoníaco en las leches. Indus. Lechera 26: 923, 925-928. (To be cont.) Dec. 1944. 44.8 In26
- 13383 MOTTRAM, W. R. The coliform test (B. coli in milk.) So. African Dairyman 7: 111. June 1945. 44.8 So822
- 13384 POMPA, A. Ice-cream ingredients. Food [London] 14: 172. July 1945. 389.8 F738
- 13385 ROWLANDS, A., and PROVAN, A. L. Bacteriological standards for heat treated milk. (Abs.) Soc. Agr. Bact. Proc. (1944) 15: 22-27. 1945. 448.39 Sol2
- 13386 SHATTOCK, P. M. F. The serological typing and grouping of some streptococci of milk and milk products. (Abs.) Soc. Agr. Bact. Proc. (1944) 15: 69-71. 1945. 448.39 Sol2

13387 SOARES FILHO, F. Valor da prova de Hotis para evidenciar no leite a presença de estreptococos de mastite. São Paulo (State). Dept. da Prod. Anim. B. de Indús. Anim. (n. s.) 7(3/4): 57-63. July/Oct. 1944. 49 R324

13388 SORIANO, S. Método para el aislamiento de las bacterias del aroma de la manteca. Assoc. Argentina de Dietologia. Rev. 3(9): 57-66. Jan./Mar. 1945. 389.9 As5

13389 STEAGALL, E. F. Report on fat in milk. Assoc. Off. Agr. Chem. J. 28: 207-211. May 15, 1945. 381 As7

13390 TEIXEIRA E SILVA, H. DE M. Método de Nicloux para dosagem de alcool no sangue, modificado e adaptado aos leites fermentados. São Paulo (State). Dept. da Prod. Anim. B. de Indús. Anim. (n. s.) 7(3/4): 34-35. July/Oct. 1944. 49 R324

13391 THOMAS, B. F. The incidence of Mycobacterium tuberculosis and Brucella abortus in milk from mid and west Wales. (Abs.) Soc. Agr. Bact. Proc. (1944) 15: 48-52. 1945. 448.39 Sol2

13392 WILDMAN, J. D. Report on microanalytical methods for extraneous materials in dairy products. Assoc. Off. Agr. Chem. J. 28: 225-227. May 1945. 381 As7

#### Distribution, Marketing, and Transportation

13393 \*ALAGAPPAN, V. The Madura City Co-operative Milk Supply Union. Madras J. Co-op. 36: 225-228. May 1945. 280.28 M26

13394 BASALDELA, E. P. La expansión de muestra cooperativa "SanCor." SanCor 3(34): 4-5. Apr. 1945. 280.28 R322

13395 BAXTER, SIR T. The vexed question of [Milk Marketing] Board penalties. Farmer & Stock-Breeder 59: 1050. July 3, 1945. 10 F228

13396 BRUBAKER, D. D. Dairy co-ops need to dress up. News for Farmer Coops. 12(4): 5, 21. July 1945. 166.2 N47

13397 C., D. P. 25 years of success for a Vermont dairy co-op. Rural New-Yorker 104: 365. Aug. 1945. 6 R88

Windham County Co-operative Milk Producers, Inc.

13398 DERRICK, B. B. Dairy cow to be hitched to powerful force of advertising. Certified Milk 20(230): 9, 16. June, 1945. 44.8 C33

Program of the Atlantic Dairy Association, Inc., for the increase of milk consumption.

13399 DUBLIN liquid milk trade, by Lactis. Irish Agr. and Creamery Rev. (n. s.) 14(138): 9. (Cont.) June 1945. 44.8 C866

13400 GRANT, H. B. The newest trend in retailing. Ice Cream Field 46(1): 32, 42. July 1945. 389.8 Ic23

13401 PIERCE, H. F. Is your ice cream properly advertised in your outlets? Canad. Dairy and Ice Cream J. 24(6): 52-53. June 1945. 44.8 C162

13402 WELCH, W. F. If ad idea's good—stick with it! Milk Dealer 34(10): 36, 80. July 1945. 44.8 M595

Advertising program of the Pleasant Hill Dairy, Fort Wayne, Ind.

13403 WIGAN, F. Dairy industry's big problem; butter faces very serious threat from margarine. Farmer and Settler 40(17): 5. May 25, 1945. 23 F226  
Australia.

13404 WILLIAMS, C. Certified milk should be part of milkman's merchandising program. Certified Milk 20(230): 7, 18. June 1945. 44.8 C33

13405 WILLIAMS, E. V. What's ahead in ice cream merchandising? Ice Cream Rev. 28(12): 36, 74, 76, 78. July 1945. 389.8 Ic22

#### Grading, Inspection, Standardization, and Quality

13406 ADAIR, W. Germany's milk-control plan; what has become of the system? Farming News and North Brit. Agr. 97(29): 3. July 13, 1945. 10 N82



13407 COLE, B. C. Everyone profits from quality milk; premium sharing by hired hands makes Bowling Green, Kentucky, program a unique success for dairy farmers, plant operators, and also for the consumers. Country Gent. 115(8): 16, 50-53. Aug. 1945. 6 C833

13408 DAVIS, J. G., and WARD, S. J. A rapid electrical method for estimating the keeping quality of milk. (Abs.) Soc. Agr. Bact. Proc. (1944) 15: 32-37. 1945. 44.8.39 Sol2

13409 EASTERBROOK, L. F. We must build up milk quality [in Great Britain] to beat post-war competition. Home Farmer 12(6): 9. June 1945. 280.344 H75

13410 ERB, J. H. Ice cream quality during war time. (Abs.) Ice Cream Rev. 28(12): 92-93. July 1945. 389.8 Ic22

13411 GLAZIER, L. R. The influence of fruits, flavors, nuts, and colors on the quality of ice cream. Ice Cream Trade J. 41(7): 32-33, 68. July 1945. 389.8 Ic2

13412 \*GUITTONNEAU, and LECRONIER. Les beurres pasteurisés contrôlés en France. Acad. d'Agr. de France. Compt. Rend. 30: 263-265. 1944. 14 P215Bc

13413 HAMILTON, F. W. The effect of rusty cream cans upon the quality of butter. Canad. Dairy and Ice Cream J. 24(6): 29-32. June 1945. 44.8 C162

13414 IVERSON, C. A. What milk plant operators expect of milk inspectors. South. Dairy Prod. J. 38(1): 40-41, 46-47. July 1945. 44.8 So83

13415 MCBRIDE, A. Bacteriological quality control of milk supplies. Dairy Indus. 10: 412-418. June 1945. 44.8 D1427

13416 MASUROVSKY, B. I. Flavor accents palatability of frozen dairy foods. Ice Cream Trade J. 41(7): 52, 58. July 1945. 389.8 Ic2

13417 PAIS, P. G. Cabe encarar el estudio de la higienización de la leche sin el correlativo de mantener su calidad a base de una justa compensación? El problema de la excelencia del producto está unido al de su costo inseparablemente. Buenos Aires y La Pampa, No. 79, p. 62-63. Apr. 1945. 9 B868

13418 \*PATEL, M. D., PATEL, B. M., and DAVE, C. N. A comparative study of the quality of ghee from cow and buffalo under uniform dietary conditions, including heavy feeding of cotton seed. Indian J. Vet. Sci. and Anim. Husb. 14: 97-100. June 1944. 41.8 In22

13419 RAMSEY, R. J. Certain defects in market milk by-products. Dairy World [Chicago] 24(2): 21-22, 24-26, 52-56. July 1945. 44.8 D1423

13420 THOMAS, S. B., and THOMAS, B. F. Grading milk by means of the routine resazurin test. Dairy Indus. 10: 423-427. June 1945. 44.8 D1427

13421 THOMAS, S. B., and others. The routine resazurin test as an index of the keeping quality of milk. (Abs.) Soc. Agr. Bact. Proc. (1944) 15: 28-31. 1945. 44.8.39 Sol2

D. A. Bowie, A. Peregrine, and G. M. Phillips, joint authors.

13422 VINCENT, W. Are you losing the good friends? Amer. Butter Rev. 7: 206, 208, 210, 212. July 1945. 44.8 Am37

On the need for improved sanitation and quality of dairy products.

#### Packing and Packaging

13423 U. S. NATIONAL BUREAU OF STANDARDS. Milk shipping cans. U. S. Natl. Bur. Standards. Simplified Pract. Recom. R208-45, 8 p. Washington, 1945. 157.98 S15

#### Prices, Price Control, and Rationing

13424 FEDERACION ARGENTINA DE COOPERATIVAS TAMBORAS, LTDA. Sobre el precio de la leche y de la manteca se dirigió la Federación al Secretario de Industria y Comercio. Fed. Argentina de Coop. Tamboras Ltda. Rev. 4(45): 4-7. Apr. 1945. 280.28 F31

#### Processing and Storage

13425 ACKERMANN, H. A. Do your part to prevent undulant fever. Milk Dealer 34(10): 42, 44. July 1945. 44.8 M595

Milk pasteurization.

13426 BENDIXEN, H. A. The use of stabilizers in ice cream. South. Dairy Prod. J. 38(1): 68-70. July 1945. 44.8 So83

13427 CHARRON, G. Culture pure en industrie laitière. Rev. d'Oka 19: 83-84. May/June 1945. 7 Ok1

On the use of pure cultures for manufacture of cheese and fermented milk.

13428 CROWTHER, H. A. H. The application of sodium hypochlorite in clean milk production and processing. Dairy Indus. 10: 419-422. June 1945. 44.8 D1427

13429 DAVIS, J. G. Alternatives to pasteurization. Canad. Dairy and Ice Cream J. 24(6): 60, 66. June 1945. 44.8 C162

13430 EASTERBROOK, L. F. Health on the farm. New Statesman and Nation 29: 419. June 30, 1945. 280.8 N2132

Need for sanitary care and handling of milk and improvement of dairy herds.

13431 \*GUITTONNEAU, G. Directives pour une rénovation nécessaire de l'industrie beurrière française. Acad. d'Agr. de France. Compt. Rend. 27: 250-259. Feb. 19/26, 1941. 14 P215Bc

Discusses a program for improvements in manufacture.

13432 HANTEN, A. J. How to stretch your sugar. Ice Cream Rev. 28(12): 37-38. July 1945. 389.8 Ic22

In ice cream manufacture.

13433 HARRIS, H. J. Raw milk can kill you. Milk Plant Monthly 36(7): 28, 42-43. July 1945. 44.8 C864

13434 HORRALL, B. E. Six ways to cut milk losses. Kraftsman, Prod. Ed. 3(2): 8-9. Mar./Apr. 1945. 44.8 K85

Chiefly on the care and handling of milk.

13435 HUREAU, P. Gourmet's delight with exotic cheese now made in Canada. Canad. Dairy and Ice Cream J. 24(6): 33-34. June 1945. 44.8 C162

13436 JACOBSEN, D. H. Sanitation in dairy products plants. Natl. Butter and Cheese J. 36(8): 29-30, 58-60. Aug. 1945. 286.85 B98Bu

13437 \*KASHYAP, D. R., DASTUR, N. N., and KOTHAVALLA, Z. R. Colouring separated milk to prevent its use for adulterating whole milk. Indian J. Vet. Sci. and Anim. Husb. 14: 37-40. Mar. 1944. 41.8 In22

13438 KOLLER, E. F. Future of the dry milk industry. (Digest.) Natl. Butter and Cheese J. 36(8): 36, 38, 40, 42-43. Aug. 1945. 286.85 B98Bu

13439 MC MENAMIN, J. P. Butter for our troops in the North; "tropical spread" is war-time product. Land [Sydney], No. 1744, p. 4. May 4, 1945. 23 L22

Dehydrated butter.

13440 MAFFI, E. J. Queso fresco mantecoso. Pampa Argentina 19(212): 19. Apr. 1945. 9 P19

Manufacture of cheese.

13441 MANDT, F. H. A practical dream plant. Natl. Butter and Cheese J. 36(8): 26-27, 44, 46, 48, 50, 52. Aug. 1945. 286.85 B98Bu

The creamery and milk drying plant of Maple Island Farm, New Richmond, Wis.

13442 MORTENSEN, M. Overrun in butter manufacture. Creamery J. 56(7): 5, 28-29. July 1945. 44.8 C86

13443 \*PIETTRE, M. Un nouveau procédé de stabilisation physique du lait: le procédé Wiser. Acad. d'Agr. de France. Compt. Rend. 30: 229-235. 1944. 14 P215Bc

13444 QUIRCH ROSELL, E. La leche homogenizada. Agronomía [Habana] 5: 128-129. July 1945. 8 C893

13445 RABUFFO, V. M. Uncle Sam--world's largest ice cream manufacturer. Ice Cream Trade J. 41(7): 24-26, 28, 62, 64, 66. July 1945. 389.8 Ic2



- 13446 RIBEIRO, J. DE A. Tecnologia da fabrica-  
ção de queijos. Rev. dos Criadores 16(5): 40-43.  
(Cont.) May 1945. 43.8 R32
- 13447 RIVAS, J. G. (HIJO) Elaboración de que-  
sos; instrucciones para la preparación de quesos de  
pasta blanda y maduración rápida. Pampa Argentina  
19(214): 10. June 1945. 9 P19
- 13448 ROGICK, F. A. Estudo sobre a tecnologia  
do queijo Minas. São Paulo (State). Dept. da Prod.  
Anim. B. de Indús. Anim. (n. s.) 7(3/4): 81-98.  
July/Oct. 1944. 49 R324  
English summary.
- 13449 THATCHER, F. S. Why cause disease in  
your fellow man? Macdonald Col. J. 5(10): 6. June  
1945. 101 M144  
Effectiveness of milk pasteurization.
- 13450 \*THOMANN, W. Die verfügbaren kelleräume  
und ihre eignung zur lagerung von käse, besonders  
von viertel- und halbfettkäsen. Schweiz. Milchztg.  
70: 363. Oct. 13, 1944. 44.8 Sch92
- 13451 TRACY, P. H. Meeting the sugar shortage.  
Ice Cream Trade J. 41(7): 30, 72, 74. July 1945.  
389.8 Ic2  
How to use the curtailed sugar ration in the manu-  
facture of ice cream.
- 13452 VOSS, J. G., and FRAZIER, W. C. Influence  
of incubation at low temperatures on heat resistance  
of Swiss cheese starter cultures. J. Dairy Sci. 28:  
545-553. July 1945. 44.8 Jg22
- 13453 WADHAMS, N. K. Churning butter for home  
use. Rural New-Yorker 94: 333, 350. July 1945.  
6 R88

#### Statistics

- 13454 INTERNATIONAL ASSOCIATION OF ICE CREAM  
MANUFACTURERS. Ice cream sales index January 1st  
through December 31st 1944; an analysis of ice cream  
sales in 1944 compared with 1943 for the United  
States and Canada. Internatl. Assoc. of Ice Cream  
Mfrs. Spec. B. 69, 54 p. Washington, D. C., 1945.  
389.9 In83
- 13455 MUTTI, R. J. Dairy product manufacture  
in Illinois. Ill. Farm Econ., Nos. 120/121, p. 228-  
233. May/June 1945. 275.28 IL5

#### FEED AND FORAGE CROPS

- 13456 \*CHARON, A. J. Quelques substituts des  
fourrages usuels: ramilles - sarments de vigne, etc.  
Rev. des Agr. de France 74: 131-132. June 1942.  
14 R325
- 13457 GROENEWALD, J. W., and MALAN, A. I. The  
demand for bonemeal, period April 1943 - March, 1944.  
Farming in So. Africa 20: 281-284, 290. May 1945.  
24 So842  
Bonemeal as cattle feed and areas in need of it.
- 13458 KISER, A. J. Feed production in the  
post-war world. Feedstuffs 17(31): 12-13. Aug. 4,  
1945. 286.81 F322
- 13459 \*KRISTÁLY, A. Die rauhfuttererzeugung.  
Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über  
Landw. (N. F.) Sonderheft 156, p. 56-59. 1942.  
18 G31A  
Hungary.
- 13460 LOCKHART, J. A. Managing the modern feed  
and farm supply store. Chapters 4-5. Feedstuffs  
17(28): 10-15; (29): 40-43. July 14, 21, 1945.  
286.81 F322  
Ch. 4. Advertising feed and farm supplies; Ch. 5.  
Efficient business "control" methods.
- 13461 TURK, K. L. Survey of the feed situation.  
Dairymen's League News 29(14): 8. July 3, 1945.  
44.8 D1432
- 13462 WARD, G. H. The feed situation. Va.  
Farm Econ., No. 76, p. 935. July 1945. 275.29 V813

#### FIBERS AND TEXTILES

- 13463 ABBOTT, J. P. Potential new markets for  
wool. West Austral. Wheatgrower 14(46): 3. Mar.  
8, 1945. 23 W523
- 13464 ABBOTT, J. P. Wool marketing. West  
Austral. Wheatgrower 14(44): 3. Feb. 22, 1945.  
23 W523
- 13465 ADAIR, W. Wool as pivot for [British]  
sheep farming; pricing on the wheat-scheme model.  
Farming News and North Brit. Agr. 97(30): 3. July  
20, 1945. 10 N82
- 13466 ALCIDES OCAMPO, J. El valor económico del  
lino. Agronomía [Lima] 9(38): 39-40. Oct. 1944.  
9.8 Ag83  
Prices.
- 13467 ALMEIDA, J. L. DE. O algodão em face das  
atividades agrícolas do Estado de S. Paulo; o que a  
sua contribuição canalizou para a lavoura em 1944.  
Ouro Branco 10(9): 8. Jan. 1945. 72.8 Ou7
- 13468 ALMEIDA, J. L. DE. O algodão paulista em  
face do consumo internacional. Ouro Branco 10(8):  
9-10. Dec. 1944. 72.8 Ou7
- 13469 APPLETON, W. C. American Viscose Corp.'s  
high-tenacity rayon tire yarn program. Rayon Tex-  
tile Monthly 26: 333. July 1945. 304.8 R21
- 13470 ASHTON, H. New concepts for spun rayon  
yarns. Textile Age 9(7): 60, 62-63. July 1945.  
304.8 T3132
- 13471 AUSTRALIA'S great wool manufacturing fu-  
ture, by "Frodsley." Country Life [Sydney] 56(44,  
Stud Sheep Sup.): 13. May 18, 1945. 286.85 Sy2
- 13472 BALLESTEROS ZENDEJAS, J. L. El futuro  
del henequén mexicano. Rev. de Econ. 8(5/6): 8-11.  
June 1, 1945. 280.8 R3293  
Production statistics and the market.
- 13473 BARBA GOSE, E. Fibras sintéticas y fi-  
bras naturales. Dominican Repub. Sec. de Estado de  
Agr., Indus. y Trab. Rev. de Agr. 36(158): 18-22.  
(Cont.) Jan./Feb. 1945. 8 R323  
Includes the postwar outlook.
- 13474 BOTKIN, C. W. Utilization of fiber of  
desert plants. Chemurg. Digest 4: 226-229. July  
15, 1945. 381 N213Na
- 13475 BOYD, D. T. [Australian] Wool Board will  
use vigor, skill, enthusiasm. Farmer and Settler 40  
(16): 13. May 18, 1945. 23 F226
- 13476 BOYD, D. T. How soon selling wool on the  
continent? Facts, figures and fancies. Country Life  
[Sydney] 56(44, Stud Sheep Sup.): 5. May 18, 1945.  
286.85 Sy2  
Possibilities of sales in Europe.
- 13477 BOZA BARIUCCI, T. Diversos aspectos del  
cultivo del algodón en el Perú. Gac. Algodonera 21  
(247): 25-26. (Cont.) Aug. 31, 1944. 72.8 G11  
Economic reasons for obtaining increased yields.
- 13478 BROOKSHIRE, S. R. Fine papers from domes-  
tic flax...the story of Ecusta [Paper Corporation,  
North Carolina]. Paper Indus. and Paper World 27:  
543-546. July 1945. 302.8 P1923
- 13479 BROWN, F. R. "Cordura" blazed way in high  
tenacity yarns. Rayon Textile Monthly 26: 330-331.  
July 1945. 304.8 R21  
Rayon yarn of high tenacity.
- 13480 \*CABURI, A. Il cotone egiziano. Rass.  
Econ. dell'Africa Ital. 30: 413-418. Aug. 1942.  
261 C71  
Includes statistics of production and trade.
- 13481 \*CAPANNA, A. Le possibilità dell'Africa  
Italiana nel settore tessile. Rass. Econ.  
dell'Africa Ital. 28: 455-466. June 1940. 261 C71  
Possibilities of various fibers.
- 13482 CEPEDA GUERRA, E. ¿Debemos sembrar algo-  
dón? Agr. Trop. 1(1): 6-9; (2): 19-21. Feb.-Mar.  
1945. 26 Ag8  
Economic factors in a program for Colombia.



13483 CHITWOOD, V. D. Year 1945 is a momentous one for N. Y. Exchange. Cotton Digest 17(43): 14-15. July 21, 1945. 286.82 C822

History of the development of the New York Cotton Exchange.

13484 \*COMPAGNIA DELLE FIBRE TESSILI VEGETALI D'ETIOPIA, MILANO. L'attività della Compagnia delle Fibre Tessili Vegetali d'Etiopia in A. O. I. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 168-173. 26 In863

13485 DALL, W. B. [New York] Cotton Exchange marks 75 years of service. Textile World 95(7): 91, 202. July 1945. 304.8 T315

13486 DELMAN, J. J. Full scale attack on problems; place of wool in to-morrow's world; can meet competition. Farmer and Settler 40(16): 24. May 18, 1945. 23 F226

13487 DELPH, A. E. Rayon and a universal system of yarn numbering. (Sum.) Textile Mfr. 71: 240-241. June 1945. 304.8 T3126

13488 EIRE, DEPT. OF AGRICULTURE. The care and marketing of wool. Eire. Dept. Agr. Leaflet 60, 4 p. Dublin, 1945. 10.5 Ir42

13489 ELKIN, H. A. Cordage and twines. (Sum.) Textile Mfr. 71: 241. June 1945. 304.8 T3126

Yarn count.

13490 FALKINER, G. B. S. The menace that wool faces from synthetics and selling methods. Farmer and Settler 40(18): 2. June 1, 1945. 23 F226

13491 FERREYRA REYNOLDS, L. Producción, comercio e industrialización del algodón en nuestro país. Bolsa de Com., Rosario. Rev. 33(799): 3-5. Apr. 30, 1945. 287 R71

13492 FISHER, A. J. Wool urgently wanted; great quantities desired, but call still unsatisfied - why? West Austral. Wheatgrower 14(43): 1. Feb. 15, 1945. 23 W523

13493 FISHER, O. C. Our Texas mohair industry. Sheep & Goat Raiser 25(10): 34-35, 49. July 1945. 45.8 Sh3

13494 FORRESTER, R. W. Spun silk and standard ranges of yarn. (Sum.) Textile Mfr. 71: 241. June 1945. 304.8 T3126

Yarn size numbering.

13495 FUENTE, C. DE LA. La Argentina podría ser el mayor productor de algodón. Chacra 15(176): 50-51, 89. June 1945. 9 C34

Includes statistics of production.

13496 FULLER, A. N. Decision on research applauded; new approach necessary to gain fresh markets for our [Australian] wool. Farmer and Settler 40(16): 19. May 18, 1945. 23 F226

13497 FURLANI, J. A. La producción de cáñamo nacional. Chacra 15(176): 8-9. June 1945. 9 C34

Cultivation and processing in Argentina.

13498 GILCHRIST, P. S. Swamp cat-tail joins commercial fibers. Textile B. 68(10): 21-22. July 15, 1945. 304.8 S082

13499 GODDARD, C. A. Low-grade strongwools in South Australia; subsidy ram purchase scheme suggested. Country Life [Sydney] 56(44, Stud Sheep Sup.): 14. May 18, 1945. 286.85 Sy2

13500 HAMILTON, T. R. Trends in production, use and prices of Texas mohair. Sheep & Goat Raiser 25(10): 14-17, 42-45. July 1945. 45.8 Sh3

13501 HARMON, R. Woolgathering in Wisconsin. News for Farmer Coops. 12(4): 7-8. July 1945. 166.2 N47

Operation of the Wisconsin Cooperative Wool Growers Association.

13502 HELLIWELL, E. H. Machine-picked cotton shows steady improvement. Textile World 95(7): 123, 125. July 1945. 304.8 T315

13503 HOUSTON, S. N. Wool labelling; disgraceful position. Country Life [Sydney] 56(44): 1. May 18, 1945. 286.85 Sy2

13504 HOUSTON, S. N. Wool labelling; West Australian act excellent legislation. Country Life [Sydney] 56(42): 10. May 4, 1945. 286.85 Sy2

13505 INGREY, W. W. With fair treatment, wool can meet all competition. Farmer and Settler 40(16): 20. May 18, 1945. 23 F226

Australia.

13506 JONES, W. H. Linter cotton makes fine paper. (Abridged.) Paper Indus. and Paper World 27: 600, 602. July 1945. 302.8 P1923

13507 KLINE, H. B. Integration of rayon tire yarn, cord and fabric production expedited by continuous process, up twisting and electronic twist setting. Rayon Textile Monthly 26: 331-332. July 1945. 304.8 R21

13508 \*LANDEGHEM, A. Résultats obtenus au Congo Belge dans la culture et l'industrie du coton. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 416-425. 26 In863

13509 \*LAPLAUD. La méthode de Rambouillet pour le contrôle des laines. Acad. d'Agr. de France. Compt. Rend. 30: 47-49. 1944. 14 P215Bc

13510 LAROSE, P. Standard regain of textiles. Canad. Textile J. 62(14): 42, 51. July 13, 1945. 304.8 G16

13511 LEAHY, J. Leahy says synthetics threat a transient force; noted researcher sees cotton and ersatz fibers as complementary. Cotton Digest 17(43): 22-23, 30-31. July 21, 1945. 286.82 C822

13512 LEFROY, E. H. B. If woolgrowers want stability of values for their wool they must lead in their own fight. West Austral. Wheatgrower 14(44): 1, 5. Feb. 22, 1945. 23 W523

13513 \*LEROY, A. L'achat des laines de la campagne de 1941. Acad. d'Agr. de France. Compt. Rend. 27: 695-697. June 18/25, 1941. 14 P215Bc

Chiefly on the prices allowed to producers and the quality of the wool.

13514 LUTJOHANN, C. E. El Mercado de Algodón es indispensable para la producción. Gac. Algodonera 22(255): 14-15. Apr. 30, 1945. 72.8 G11

13515 \*MAGRINI, I. M. La Compagnia Nazionale per il Cotone di Etiopia. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 440-445. 26 In863

13516 MANELSKI, E. Resistencia de varias fibras nacionales a la ruptura. Venezuela. Min. de Fomento. Rev. de Fomento 6(54): 63-78. Jan./Mar. 1944. 280.8 V552

Fiber testing.

13517 \*MANGANO, G. Prospettive della cotonicoltura italiana. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 467-479. 26 In863

13518 MATHER, W. H. Inferior wool is big handicap; synthetics reduce returns. Farmer and Settler 40(16): 25. May 18, 1945. 23 F226

13519 / MERCER, E. H. Frictional properties of wool fibres. Nature [London] 155: 573-574. May 12, 1945. 472 N21

13520 \*MITRA, B. N., and SRINIVASAN, M. A note on the application of the Bowman and Scott method for the estimation of nitrogen in guncotton. Indian Chem. Soc. J. 21: 397-398. Dec. 1944. 385 In27

13521 THE MOISTURE relations of textile fibres, by "Chemitex." Silk J. and Rayon World 21(254): 35-37, 42. July 1945. 304.8 S13

13522 MONSAROFF, B. Industrial cotton fabrics. (Digest.) Canad. Chem. and Process Indus. 29: 458-460. June 1945. 381 G16

Chemical and physical properties of raw cotton and manufacturing problems.

13523 NEALE, P. E. Sheep growers are advised to watch shrinkage as determining factor in price they receive. N. Max. Stockman 10(7): 10. July 1945. 49 M462

Wool prices.



- 13524 OLLEA, D. E. El Chaco y Formosa, deben su prosperidad colonizadora, al cultivo del algodón. *Gac. Algodonera* 21(246): 1-2. July 31, 1944. 72.8 G11
- 13525 OLLEA, D. E. Debemos crear un mayor conocimiento de nuestra producción de algodón para la colocación futura en Europa. *Gac. Algodonera* 21(241): 13-16. Feb. 29, 1944. 72.8 G11  
European markets for Argentine cotton.
- 13526 OLLEA, D. E. Debemos intensificar en mayor escala la siembra de algodón en el país [Argentina] en la próxima campaña; se vislumbra la terminación de la guerra y Europa necesitará grandes cantidades de algodón. *Gac. Algodonera* 21(247): 1-2. Aug. 31, 1944. 72.8 G11
- 13527 POWERS, D. H. Application of synthetic resins to textile fibres and fabrics. *Canad. Textile J.* 62(12): 34, 48. June 15, 1945. 304.8 C16
- 13528 \*PUPPA, A. La Compagnia Cotoniera del Baro. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 593-596. 26 In863
- 13529 \*RUBAIS, A. DE. L'Ente per il Cotone dell'Africa Orientale. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 213-216. 26 In863
- 13530 RUDEL MACHINERY CO. LTD., MONTREAL. TECHNICAL STAFF. Radiant heat in textile drying. *Canad. Textile J.* 62(14): 36, 38. July 13, 1945. 304.8 C16  
Red-Ray Manufacturing Co., N. Y., collaborating.
- 13531 \*SCAVONE, G. Un viaggio di studio per il cotone in Africa Orientale Italiana. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 654-670. 26 In863
- 13532 SCHOLLES, A. Rayon notes. (Sum.) *Textile Mfr.* 71: 241. June 1945. 304.8 T3126  
Yarn size numbering.
- 13533 SMITH, H. D. Textile fibers; an engineering approach to their properties and utilization. *Rayon Textile Monthly* 26: 321-325. (Cont.) July 1945. 304.8 R21
- 13534 SPEAKMAN, J. B. Seaweed rayon. *Nature* [London] 155: 655-657. June 2, 1945. 472 N21
- 13535 SPERONI, J. C., and HELMAN, M. B. Lanas meduladas; seleccion por el método del benzol-test. *Suelo Argentino* 4: 354-357. June 1945. 9 Su2
- 13536 SPIELMAN, H. W. South Brazil's cotton boom. *Agr. in the Americas* 5: 129-131, 138. July 1945. 1 F752A  
Growing, handling, and marketing in São Paulo.
- 13537 SPIELMAN, H. W. Southern Brazil sets pace in development of cotton production. *Cotton Trade J.* 25(28): 3. July 14, 1945. 72.8 C8214
- 13538 SUTTLE, B. First progress report on pulping of cotton stems. *South. Pulp and Paper J.* 8 (2): 48-49. July 1945. 302.8 S08
- 13539 TELLES, A. DE Q. Empossada a nova diretoria da Sociedade Rural Brasileira; declarações... sobre o problema algodoeiro. *Rev. do Algodão* 10 (98): 27-30. Mar. 1945. 72.8 R322  
Discusses as well the problem of agricultural credit.
- 13540 TISDALE, W. H. J. Canadian wool quality improved by bonus system. *Canad. Textile J.* 62(14): 23. July 13, 1945. 304.8 C16
- 13541 TRAILL, D. Synthetic fibres from vegetable proteins. *Soc. Dyers and Colourists. J.* 61: 150-155. June 1945. 306.9 S01
- 13542 WAGGETT, G. An analysis of the irregularities in worsted yarns and slivers. *Textile Inst. J.* 36: T131-T146. June 1945. 73.9 T31  
Analysis of fibres in uneven places in yarn.
- 13543 WHITFORD, A. C. Camel hair provides luxury textile fiber. *Textile Age* 9(7): 50, 52, 54, 56, 58. July 1945. 304.8 T3132
- 13544 WIDMER, M. Switzerland's hemp and flax. *Family Herald and Weekly Star* 76(28): 34. July 11, 1945. 7 F21
- 13545 WRIGHT, P. Juneau [Dodge County, Wis.] hemp growers enjoy thriving market. *Dairyland News* 15(14): 1, 3. July 23, 1945. 280.28 W752

## FRUITS, VEGETABLES, AND NUTS

13546 BECKMAN, H. J. Vegetables in Palo Verde Valley. *Calif. Cult.* 92: 394. July 21, 1945. 6 C12

13547 BENN, H. W. Problems in handling early potatoes; research has determined best harvesting, loading and shipping methods. *Irrig. Farmer* 3(3): 1-2. July 5, 1945. 55.8 Ir78

13548 \*BLANC, A. Pulpe et alcool de topinambour. *Acad. d'Agr. de France. Compt. Rend.* 28: 335-345. Mar. 11, 1942. 14 P215Bc

Analysis and utilization of the pulp and need for production for fuel alcohol.

13549 \*BRANAS, J. De la production des plants de vigne. *Prog. Agr. et Vitic.* 121: 145-147. May 7/14, 1944. 14 P94

Prices and requirements in plants.

13550 CECIL, W. J. Let's make raisins in '45. *Calif. Fruit and Veg. Rev.* 6(4): 28-29, 44-45. July 1945. 80 C1224

13551 CESAR VICTORIA, J. La industria de los jugos de frutas en la República Argentina. *Bolsa de Com., Rosario. Rev.* 33(800): 9-11. May 15, 1945. 287 R71

13552 \*CHEVALIER, A. François Fresneau, précurseur de Parmentier comme vulgarisateur de la pomme de terre. *Acad. d'Agr. de France. Compt. Rend.* 28: 461-464. June 17/24, 1942. 14 P215Bc

Includes a paper written in 1762 by Fresneau on the preparation and advantages of the potato.

13553 \*CHOUARD, P. Le stockage et l'utilisation des fruits en période de restrictions. *Rev. des Agr. de France* 73: 191-193, 225-227. July, Aug. 1941. 14 R325

13554 \*COURNAULT, H. Le topinambour, plante de guerre par excellence! *Rev. des Agr. de France* 74: 42. Feb. 1942. 14 R325

13555 CROCE, F. M. Maduración, cosecha y empaque de la granada. *Chacra* 15(175): 28-29. May 1945. 9 C34

Includes composition and preservation of the fruit.

13556 \*DICENTY, D. Der weinbau. Germany. *Reichsmin. f. Ernähr. u. Landw. Ber. über Landw.* (N. F.) Sonderheft 156, p. 65-70. 1942. 18 G31A  
Hungary.

13557 FINDLEN, P. J. Potatoes for consumers after the war. *Ohio Veg. and Potato Growers Assoc. Proc.* (1945) 30: 175-176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216-217. 75.9 Oh3

13558 GOURLEY, J. H. Change fosters progress; trends in the apple industry necessitated by conditions. *East. Fruit Grower* 8(5): 6, 8, 16, 17, 19-20, 24. July 1945. 80 Ea73

13559 GRAW, L. The Florida Vegetable Committee. *For Sale, Want and Exch. B.* 4(9): 1. Aug. 1, 1945. 280.38 F74

13560 HALL, C. J. Hammond cranberry interest important in Massachusetts. *Cranberries* 10(3): 9-11, 13-16. July 1945. 80 C852

13561 HARTNETT, G. F. Report on peanuts and nuts. *Peanut J. and Nut World* 24(9): 25-26. July 1945. 77.8 P313

13562 HURTUBISE, J. A. P. Les pois font partie de notre patrimoine. *B. des Agr.* 41(7): 5, 16. July 1945. 7 B872

Popularity and production trends in Quebec.

13563 KLEIN, J. Kern County's Long Whites [potatoes]. *Calif. Cult.* 92: 361, 370. July 7, 1945. 6 C12



13564 \*LARUE, P. Carpochoylogie: sur les jus de fruits. *Prog. Agr. et Vitic.* 121: 201-203. June 18/25, 1944. 14 P94

Manufacture, method of serving, and obstacles to consumption in France.

13565 \*LIBES, R. Production de pommes dans le Washington. *Prog. Agr. et Vitic.* 122: 53-57. Feb. 18/25, 1945. 14 P94

Economic aspects of the industry.

13566 MCCOMB, R. R. [California] State history linked to grape industry. *Calif. Fruit and Veg. Rev.* 6(5): 26, 58, 61, 63. Aug. 1945. 80 C1224

13567 \*MOHÁCSY, M. VON. Die gartenwirtschaft. Germany. *Reichsmin. f. Ernähr. u. Landw. Ber. über Landw.* (N. F.) Sonderheft 156, p. 71-77. 1942. 18 G31A

Extent and location of fruit and vegetable production in Hungary.

13568 MOSHER, H. Florida citrus crop disaster. *Tex. Farming and Citric.* 22(1): 4, 13. July 1945. 80 T31

13569 \*PIETTRE, M. Essais de conservation des poires William par la réfrigération en cascade; aperçu d'organisation du marché français des fruits. *Acad. d'Agr. de France. Compt. Rend.* 28: 597-602. Nov. 11/18, 1942. 14 P215Bc

13570 \*REGIA AZIENDA MONOPOLIO BANANE. L'organizzazione statale italiana per la produzione, il trasporto e la vendita delle banane. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 606-614. 26 In863

13571 RUMMELL, L. L. Postwar stabilization of vegetable production. *Ohio Veg. and Potato Growers Assoc. Proc.* (1945) 30: 22-32. 75.9 Oh3

13572 SCHOOSE, C. W. Imperial Valley cantaloupes start nearly six weeks late but run to larger sizes. *Calif. Fruit and Veg. Rev.* 6(4): 22, 57. July 1945. 80 C1224

13573 \*SCHRIBAUX. Le topinambour, plante de guerre par excellence. *Acad. d'Agr. de France. Compt. Rend.* 27: 1075-1088. Nov. 26/Dec. 5, 1941. 14 P215Bc

Yields, method of preservation, and use as a complementary crop to potatoes.

#### Analysis and Composition

13574 BAIER, W. E. How the citrus industry measures it. III. Citrus juice properties. *Calif. Citrog.* 30: 270, 288. July 1945. 80 C125

13575 \*BATRA, K. C. Acidity of Indian fruits. *Allahabad Farmer* 19(1): 15-18. Jan. 1945. 22 AL5  
High acidity as a cause of hydrogen swells in jam and other canned products.

13576 BONNEY, V. B., and FISCHBACH, H. Comparative chemical studies on pea seed and canned soaked dry peas. *Assoc. Off. Agr. Chem. J.* 28: 409-417. May 1945. 381 As7

13577 CURRIER, H. B. Photometric estimation of volatile sulfur in onions as a criterion of pungency. *Food Res.* 10: 177-186. May/June 1945. Ref. 389.8 F7322

13578 FISCHBACH, H. Report on moisture in dried vegetables. *Assoc. Off. Agr. Chem. J.* 28: 194-197. May 1945. 381 As7

13579 FORGACS, J., RUTH, W. A., and TANNER, F. W. Examination of canned apple juices. *Food Res.* 10: 227-237. May/June 1945. Ref. 389.8 F7322

13580 HODGES, F. A. Report on microanalytical methods for extraneous materials in nuts and nut products. *Assoc. Off. Agr. Chem. J.* 28: 227-228. May 1945. 381 As7

13581 \*LEFÈVRE, J., and others. Observations sur la composition glucidique des topinambours. *Acad. d'Agr. de France. Compt. Rend.* 28: 469-474. June 17/24, 1942. 14 P215Bc

M. Lemoigne, P. Béraud, P. Bréchet, and R. Gavard, joint authors.

13582 RAMÍREZ, J. H. A method for the quantitative determination of tannin materials in plantain and banana flours, and in their peel meal. *Rev. de Agr., Indus. y Com. de Puerto Rico* 35: 234. May/Dec. 1944. 8 R325

13583 SMITH, F. R. Report on microanalytical methods for extraneous materials in vegetable products. *Assoc. Off. Agr. Chem. J.* 28: 231-232. May 1945. 381 As7

#### Consumption and Utilization

13584 \*CHEVALIER, A. Sur le noyer noir d'Amérique et sur sa culture et son utilisation en France. *Acad. d'Agr. de France. Compt. Rend.* 27: 207-209. Feb. 19/26, 1941. 14 P215Bc

13585 GALE, R. E. Potato starch; a new million-dollar industry using a farm waste...tons of cull spuds. *Guide Post* 22(7): 11, 15, 23. July 1945. 75.8 G94

13586 \*GUILLEMET, R., and SONNTAG, G. Sur la panification à la betterave et la valeur nutritive du pain. *Acad. d'Agr. de France. Compt. Rend.* 28: 579-581. Nov. 11/18, 1942. 14 P215Bc

13587 \*GUILLEMET, R., PRÉCEPTIS, P., and SONNTAG, G. Sur l'emploi de la betterave en panification. *Acad. d'Agr. de France. Compt. Rend.* 28: 402-403. Apr. 29/May 6, 1942. 14 P215Bc

13588 \*MARTIN, J. B. Le topinambour source d'alcool; toutes les fermes devraient arriver en peu d'années à produire leur carburant. *Acad. d'Agr. de France. Compt. Rend.* 27: 146-150. Feb. 5/12, 1941. 14 P215Bc

Cultivation and utilization.

13589 \*MASSÉ, A. La betterave succédané du blé dans la composition du pain. *Acad. d'Agr. de France. Compt. Rend.* 28: 57-65. Jan. 7/14, 1942. 14 P215Bc

13590 RIVAS, A. F. El milagro de la uva. *Chacre* 15(175): 38. May 1945. 9 C34  
Products obtainable from the grape.

13591 ROMERO, G. La explotación industrial de los naranjos agrios. *Paraguay. Min. de Agr. Rev.*, No. 8, p. 21-24. Apr. 1945. 9.7 Ag8Re

Utilization for a concentrated essence.

13592 \*WARCOLLIER, Utilisation de la récolte de pommes à cidre et des sous-produits de la fabrication du cidre. *Acad. d'Agr. de France. Compt. Rend.* 26: 842-852. Oct. 23/Nov. 6, 1940. 14 P215Bc

#### Distribution, Marketing, and Transportation

13593 BOUCHER, P. Récolte et vente de nos légumes. *Rev. d'Oka* 19: 86-94. (Cont.) May/June 1945. 7 Okl

Harvesting and preparation for the Quebec and Montreal markets.

13594 BRAZELTON, J. S. Fresh fruit go by air. *Kans. Farmer* 82(14): 13. July 21, 1945. 6 K13

13595 CHEVIGNY, A. DE. Le marché des pommes canadiennes. (Abs.) *Rev. d'Oka* 19: 76-82. May/June 1945. 7 Okl

13596 DUCHESNE, J. E. Écoulement et vente de nos patates [Quebec]. *Terre de Chez Nous* 17(38): 4; (39): 4. June 27, July 4, 1945. 7 T27

13597 \*DUMAS. Le problème du transport des fruits coloniaux. *Inst. des Fruits et Agrumes Colon. Conf.*, ser. 1, No. 2, 8 p. Paris, 1944. 86 P21

13598 FRANTZ, P. D. Marketing Pennsylvania potatoes. *Guide Post* 22(7): 16-17. July 1945. 75.8 G94

13599 GREAVES, C. W. Produce going East in huge cargo plane. *Calif. Fruit and Veg. Rev.* 6(5): 22, 86. Aug. 1945. 80 C1224

Research program on the transport of California fruits and vegetables conducted by the American Airlines and Consolidated Vultee Aircraft Corporation.

13600 HALL, E. G. Notes on the marketing of perishable vegetables. *Agr. Gaz. N. S. Wales* 56: 145-147, 150. (Cont.) Apr. 1, 1945. 23 N472



- 13601 KERTESZ, Z. I. On the importance of color; raw or processed, fruits and vegetables must have "eye appeal" to be sold and consumed. *Farm Res.* [N. Y. State Sta.], 11(3): 1, 15. July 1, 1945. 100 N48A
- 13602 LARSEN, S. A. Airborne perishables need temperature control. *Refrig. Engin.* 50(1): 17-20, 54. July 1945. 295.9 Am32J  
Transportation of fruits and vegetables.
- 13603 \*LEVESQUE, R. Les réglementations actuelles et idéales de la vente des champignons en France. *Soc. Linn. de Lyon. B. Mens.* 13: 42-45. Mar. 1944. 505 L992B
- 13604 \*PERROT, E. Quand aura lieu enfin la distribution des pommes des [sic] terre? *Acad. d'Agr. de France. Compt. Rend.* 27: 965. Oct. 29/Nov. 5, 1941. 14 P215Bc  
Need for distributing a certain amount of potatoes to the cities in order to avoid losses.
- 13605 REID, E. B. Citrus ridin' out o' Rio. *News for Farmer Coops.* 12(4): 12-14. July 1945. 166.2 N47  
Activities of the Rio Grande Valley Citrus Exchange.
- 13606 RION, K. E. Potato loads—need improving. *Amer. Potato J.* 22: 168-172. June 1945. 75.8 P842
- 13607 THOMPSON, E. G. Produce buyer gives pointers on how to merchandise squash. *Market Growers J.* 74(7): 21, 26. July 1945. 6 M34
- 13608 WINTER, J. D. Transportation of red raspberries in fan equipped freight cars. Ice and *Refrig.* 109(2): 21. Aug. 1945. 295.8 Ic2
- Grading, Inspection, Standardization, and Quality
- 13609 MATTINGLEY, G. H. Approved seed potatoes; list of growers, 1945. *Victoria. Dept. Agr. J.* 43: 224-227. May 1945. 23 V66J
- Packing and Packaging
- 13610 HARDY, E. Mediterranean fruit packs; methods employed in Palestine and other countries. *Food [London]*, 14: 179-180. July 1945. 389.8 F738
- 13611 LEWIS, S. A. "Cold gold" -- quick frozen orange juice in glass. *Glass Packer* 24: 592-593. Aug. 1945. 309.5 Q463
- 13612 PACKAGED produce; the Columbus experiment. *Mod. Packaging* 18(11): 89-95, 176, 178. July 1945. 309.8 M72  
The Great Atlantic & Pacific Tea Co. and Ohio State University's participation in the study of prepackaging of fresh fruit and vegetables.
- 13613 VAN ALSTYNE, E. K. Fruit pack preferences by ice cream mfrs., bakers & preservers. *Quick Frozen Foods* 7(12): 48-51. July 1945. 389.8 Q4
- 13614 WHAT'S ahead in pre-packaged produce. *Super Market Merchandising* 10(7): 16-22. July 1945. 389.8 Su7  
First of a series of four articles on prepackaging of fruits and vegetables.
- Prices, Price Control, and Rationing
- 13615 \*DEGRULLY, P. Produit brut et charges de la viticulture méditerranéenne. *Prog. Agr. et Vitic.* 121: 197. June 18/25, 1944. 14 P94  
Price obtained for the crop and deductions for insurance and family allowances.
- 13616 HEPPE, W. F. Early potato support prices and regulations set up for Colorado. *Colo. Potato Grower* 23(1): 1, 3. July 1945. 75.8 C71
- Processing and Storage
- 13617 ANDERS, J. The prairie home: sidestep canning and preserving difficulties by knowing what causes them. *Weekly Market News* 23(29): 3. July 19, 1945. 286.81 G762A  
Causes of mold and discoloration in preserved fruit.
- 13618 ANDREWS, W. E. The Tab method of tomato peeling. *Food Packer* 26(8): 39-40. July 1945. 286.83 C165
- 13619 BALZAROTTI, E. Yuca sech. *Vida Rural* 6(71): 21. June 1945. 9.4 V66  
Includes methods of preparing the flour.
- 13620 \*BATRA, K. C. Spoilage of fruit products. *Allahabad Farmer* 19(1): 7-11. Jan. 1945. 22 AL5  
Causes of spoilage in preserved fruits.
- 13621 BAUERNFEIND, J. C., and SIEMERS, G. F. Retardation of discoloration in frozen sliced peaches by l-ascorbic acid. *Quick Frozen Foods* 7(12): 46, 60. July 1945. 389.8 Q4
- 13622 BECK, E. H. It's so easy to freeze fruit and vegetables, in summer. *Home Gard.* 6(1): 29-33. July 1945. 80 H756
- 13623 \*BLANC, A. Résultats d'essais de distillation du topinambour. *Acad. d'Agr. de France. Compt. Rend.* 27: 380-387. Mar. 19/26, 1941. 14 P215Bc
- 13624 \*BOINOT, F. Le topinambour dans la fabrication de l'alcool. *Assoc. des Chim. B.* 59: 792-805. Nov./Dec. 1942. 383 As7
- 13625 \*BOISCHOT, P. Conservation des pommes de terre par dessiccation. *Acad. d'Agr. de France. Compt. Rend.* 28: 568-570. Oct. 28/Nov. 4, 1942. 14 P215Bc
- 13626 \*BRUNO, A. Prodotti secondari della bananicoltura. *Rass. Econ. dell'Africa Ital.* 30: 523-528. Oct. 1942. 261 C71  
Dried bananas and banana flour.
- 13627 BUCK, R. E., and MOTTERN, H. H. Apple sirup by ion exchange process. *Chem. and Engin. News* 37: 635-639. July 1945. 381 J825
- 13628 BURRELL, R. C., and others. Canning certain vegetables with hydrochloric acid. *J. Chem. Ed.* 22: 409. Aug. 1945. 381 J826  
E. M. Johnson, B. J. Rice, and P. J. Sohn, joint authors.
- 13629 CALDWELL, J. S., and others. Dehydration of spinach; variety as a factor in determining quality. *Canner* 101(9): 12-14, 22. (To be cont.) July 28, 1945. 286.83 C16  
B. D. Ezell, C. W. Culpepper, M. S. Wilcox, and M. C. Hutchins, joint authors.
- 13630 CALDWELL, J. S. Varietal suitability in the dehydration of vegetables. Pt. 1. *Food Packer* 26(9): 37-38, 54. (To be cont.) Aug. 1945. 286.83 C165
- 13631 CAMPBELL, H. Some fundamentals of vegetable preservation by freezing. (Sum.) *West. Frozen Foods* 6(8): 3-5. June 1945. 389.8 W523
- 13632 \*CHOUARD, P. Production et conservation des légumes en temps de restrictions. *Rev. des Agr. de France* 72: 171-174. June/Oct. 1940. 14 R325
- 13633 \*CHOUARD, P. Le stockage et l'utilisation des fruits en période de restrictions. *Rev. des Agr. de France* 73: 225-227. (Cont.) Aug. 1941. 14 R325  
This installment deals with various methods of preserving fruit.
- 13634 \*COMBES, R. Conservation des fruits par l'action du froid et de mélanges gazeux de composition déterminée. *Acad. d'Agr. de France. Compt. Rend.* 27: 709-716. June 18/25, 1941. 14 P215Bc
- 13635 \*COMBES, R. Recherches de 1941-1942 sur la conservation des fruits par l'action combinée du froid et de mélanges gazeux de composition déterminée. *Acad. d'Agr. de France. Compt. Rend.* 28: 557-559. Oct. 28/Nov. 4, 1942. 14 P215Bc
- 13636 CONNER, J. W. How canned tomato products are spoiled by lactobacilli. *Food in Canada* 5(7): 13-14. July 1945. 389.8 F7323
- 13637 CROCE, F. M. Conservación de frambuesas al natural. *Pampa Argentina* 19(213): 11. May 1945. 9 P19
- 13638 FLETCHER, M. G. Preserving the sweet corn crop. *Kans. State Col. Ext. Neighborhood Leader*, July 1945, p. 4. 275.29 K13N



13639 \*FOEX, E., and GRÉPIN, C. La conservation des tubercules de pommes de terre. Acad. d'Agr. de France. Compt. Rend. 26: 607-615. Aug. 21, 28/Sept. 11, 1940. 14 P215Bc

Discussion, p. 615-618.

13640 \*FOURMONT, R. Utilisation du gaz sulfureux pour le dégermage des pommes de terre. Acad. d'Agr. de France. Compt. Rend. 29: 221-223. Apr. 14/May 5, 1943. 14 P215Bc

13641 \*FRON. Un curieux procédé de conservation des pommes de terre. Acad. d'Agr. de France. Compt. Rend. 30: 92. Jan. 26/Feb. 2, 1944. 14 P215Bc

13642 GARRARD, E. H., TRUSCOTT, J. H. L., and CONNER, J. W. The bacterial flora of low-acid vegetables canned at 212° F. I. A preliminary study of the effects of various processing procedures. Canad. J. Res. Sect. F, Technol. 23: 231-238. July 1945. 470 C16F

13643 GAVRILOVA, C. Salted vegetable packs will be large this year. Canner 101(7): 13-14, 24, 26. July 14, 1945. 286.83 C16

13644 HICKMAN, E. What's cooking? Tex. Live-stock J. 4(6): 9-10. June 15, 1945. 49 T29

Processing of citrus peel for feed.

13645 JOHNSTON, M. Winter treats from summer plenty. Better Homes & Gard. 23(12): 36-37. Aug. 1945. 80 F9424

Directions for freezing fruit and vegetables and making jam.

13646 KENDALL, H. W. Canning the fruits of summer. Good Housekeeping 121(2): 87, 94. Aug. 1945. 321.8 G61

13647 LONGWELL, M. Getting ready to freeze. Ariz. Farmer 24(14): 16. July 28, 1945. 6 Ar44

Vegetables.

13648 MACARTHUR, M., and JOHNSTON, F. B. Advances in Canadian vegetable dehydration. Article 2 - carrots. Food in Canada 5(7): 25-26, 29-30. July 1945. 389.8 F7323

13649 MARCH, M. Preserve garden surplus. Natl. Live Stock Prod. 23(10): 21. July/Aug. 1945. 280.38 N21

Home preservation of fruits and vegetables.

13650 \*MARTIN, J. B. Sur la distillation du topinambour. Acad. d'Agr. de France. Compt. Rend. 28: 141-143. Jan. 21/28, 1942. 14 P215Bc

13651 MITCHELL, C. Preservation of fruit & vegetables on the farm & in the home; rose hips make jelly, puree and jam. Agr. Gaz. N. S. Wales 56: 157-158. Apr. 1, 1945. 23 N472

13652 \*MOREAU, L., and VINET, E. Sur la préparation et la conservation des extraits de légumes. Acad. d'Agr. de France. Compt. Rend. 26: 785-788. Oct. 2/16, 1940. 14 P215Bc

13653 MOYER, J. C., and STOTZ, E. The electronic blanching of vegetables. Science 102: 68-69. July 20, 1945. 470 Sci2

13654 PROUT, H. Prevent pickles from being soft, slippery, or shriveled. Agr. Leaders' Digest 26(6): 32. July 1945. 275.28 Am3

13655 RAUCH, O. Jam manufacture. Pt. IV. Food Manufacture 20: 233-237. July 1, 1945. 389.8 F736

13656 RIESTER, D. W., BRAUN, O. G., and PEARCE, W. E. Why canned citrus juices deteriorate in storage. Food Indus. 17: 742-744, 850, 852, 854, 856, 858. July 1945. 389.8 F737

13657 \*SCHRIBAUX. Comment conserver avec toutes leurs qualités les vieilles pommes de terre jusqu'à la prochaine récolte. Acad. d'Agr. de France. Compt. Rend. 27: 472-476. Apr. 23/30, 1941. 14 P215Bc

13658 \*SCHRIBAUX, E. Conservation du stock familial de pommes de terre. Acad. d'Agr. de France. Compt. Rend. 27: 1128-1130. Dec. 10/17, 1941. 14 P215Bc

Similar title in Acad. d'Agr. de France. Compt. Rend. 27: 1107-1108. Nov. 26/Dec. 5, 1941.

13659 \*SCHRIBAUX, E. La récupération de la féculé des pommes de terre pourries. Acad. d'Agr. de France. Compt. Rend. 27: 974-979. Oct. 29/Nov. 5, 1941. 14 P215Bc

13660 SCOTT, L. E., WALLS, E. P., and HUNTER, H. A. How to prevent discoloration of sweet potato. Food Packer 26(8): 48, 50, 66. July 1945. 286.83 C165

13661 STEWART, D. L., and COOLEY, A. M. Drying potatoes at East Grand Forks; experience of a beet sugar processing plant in connection with the surplus potato disposal program. Sugar 40(8): 32-34. Aug. 1945. 65.8 F11

American Crystal Sugar Company of Minnesota.

13662 TRESSLER, D. K. Freeze fruit using little or no sugar. Ice Cream Field 46(1): 14, 20. July 1945. 389.8 Ic23

13663 TRESSLER, D. K. Home fruit freezing. East. Milk Prod. 21(12): 8. June 15, 1945. 280.28 Sh3

13664 VANCE, R. C. Canning co-op; Beaver Crossing group benefits growers and community. Nebr. Farmer 87(6): 5. Mar. 17, 1945. 6 N27

A cooperative vegetable canning factory.

13665 WEAVER, A. D. Freezing fruits and vegetables. Nebr. Farmer 87(12): 12. June 16, 1945. 6 N27

### Statistics

13666 \*BOEUF, F. Statistiques de la production agricole végétale; utilisation des recensements annuels et des moyennes. Acad. d'Agr. de France. Compt. Rend. 28: 426-430. May 20/27, 1942. 14 P215Bc

### GRAIN AND GRAIN PRODUCTS

13667 ARGENTINA. COMISIÓN NACIONAL DE GRANOS Y ELEVADORES. DIRECCIÓN DE ECONOMÍA Y COMERCIO DE GRANOS. El mercado triguero internacional y las perspectivas que presenta para la post-guerra. Bolsa de Cereales, Buenos Aires. Rev. 32(1698): 16, 18, 25-27; (1699): 34-35; (1700): 31; (1701): 26-29; (1702): 32; (1703): 26-28. Apr. 28-June 2, 1945. 287 B866

The international market, 1938 to the present.

13668 ASTORT, A. J. La acción del Estado en la comercialización de los granos. Argentina. Sec. de Indus. y Com. B. 1(5): 243-248. Feb. 1945. 280.9 Ar3

13669 \*BAILLAUD, E. Les principaux problèmes posés par la riziculture d'après l'expérience coloniale française. Cong. Internaz. di Agr. Trop. e Subtrop., 8. Tripoli, 1939. [P.] 2: 7-16. 26 In863

13670 \*BERTRAND, G. Le bore dans le grain de blé, la farine et le pain. Acad. d'Agr. de France. Compt. Rend. 28: 409-411. Apr. 29/May 6, 1942. 14 P215Bc

13671 \*BOUTARIC, A., and FABRY, S. Influence de l'âge des farines et de la délipidation sur les propriétés colloïdales des suspensions de gluten. Acad. d'Agr. de France. Compt. Rend. 30: 83-86. Jan. 26/Feb. 2, 1944. 14 P215Bc

13672 \*BOUTARIC, A., and FABRY, S. Vieillessement des farines sous l'action des rayons ultraviolets. Acad. d'Agr. de France. Compt. Rend. 30: 122-125. Feb. 23/Mar. 1, 1944. 14 P215Bc

13673 CAFFERA, R. El trigo Kaared en los Estados Unidos de Norte América y en la República Argentina. Suelo Argentino 4: 330-333. May 1945. 9 Su2

Description and statistics of distribution in the United States and Argentina.

13674 CASTIGLIONI, J. M. Almacenaje, conservación y calidad de los granos argentinos. Argentina. Sec. de Indus. y Com. B. 1(5): 253-263. Feb. 1945. 280.9 Ar3

13675 CHECCHI, J. C. El Gobierno toma posesión de varios elevadores de granos. Argentina. Sec. de Indus. y Com. B. 1(5): 275-278. Feb. 1945. 280.9 Ar3



- 13676 \*CIFERRI, R. I cereali dell'Africa Orientale Italiana. *Rass. Econ. dell'Africa Ital.* 30: 10-27. Jan. 1942. 261 C71  
A statistical study.
- 13677 \*CIFERRI, R. Il mais nell'Africa Orientale Italiana. *Rass. Econ. dell'Africa Ital.* 30: 455-459. Sept. 1942. 261 C71
- 13678 CRUZ RIASCOS, L. C. Colombia debe cultivar más arroz. *Agr. Trop.* 1(1): 14-21. Feb. 1945. 26 Ag8  
Presents a program.
- 13679 \*DANGOU MAU, A. L'activité amylolytique de certaines farines; ses conséquences en boulangerie. *Acad. d'Agr. de France. Compt. Rend.* 27: 761-763. July 2/9, 1941. 14 P215Bc
- 13680 \*DELA ROUZÉE, M. L'utilisation intégrale rationnelle du blé. *Acad. d'Agr. de France. Compt. Rend.* 28: 552-553. Oct. 14/21, 1942. 14 P215Bc  
Utilization for bread.
- 13681 EVERETT, A. C. The truth about wheat; wheat prices and concessional prices. *West Austral. Wheatgrower* 14(45): 1, 5. Mar. 1, 1945. 23 W523
- 13682 \*FLEISCHMANN, R. Der maisbau. Germany. *Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft* 156, p. 43-46. 1942. 18 G31A  
Position of production in the Hungarian economy.
- 13683 GRAHAM, G. P. Corn products in industry; manufacture and application of derivatives from corn. *Canad. Chem. and Process Indus.* 29: 415-418, 447. June 1945. 381 C16
- 13684 \*GUILLEMET, R. Sur le dégermage du blé. *Acad. d'Agr. de France. Compt. Rend.* 30: 69-71. Jan. 26/Feb. 2, 1944. 14 P215Bc
- 13685 \*GUILLEMET, R., SONNTAG, G., and GUILBOT, A. Sur le gluten de la farine de blé. *Acad. d'Agr. de France. Compt. Rend.* 28: 491-496. July 1/8, 1942. 14 P215Bc
- 13686 HARRIS, R. H., WALDRON, L. R., and SIBBITT, L. D. Comparative yields and quality data for five hard red spring wheat varieties as affected by growth location. *N. Dak. Agr. Expt. Sta. Bimo. B.* 7(5): 8-11. May/June 1945. 100 N813B
- 13687 HARTLEY, A. W., and GREEN, A. The storage of self-raising flour and the provisions of statutory rules and orders, 1944, No. 44. *Analyst* 70: 211-213. June 1945. 382 An1
- 13688 HAUZEUR, R. El cultivo del centeno resolvería el problema de la harina. *Agr. Trop.* 1(2): 11-15. Mar. 1945. 26 Ag8  
Cultivation, milling, and requirements for Colombia.
- 13689 HURST, F. J. B. L. Moss, cotton farmer, makes good use of oats. *Prog. Farmer, Miss.-Ark.-La. Ed.* 60(8): 8. Aug. 1945. 6 So81
- 13690 KIRCHER, W. H. What about soft corn? How much is there; what's being done about it, and is it good feed? *Farmer (St. Paul, Dak. Ed.)* 63(5): 1, 22-23. Mar. 3, 1945. 6 F2211D
- 13691 \*LARUE, P. Bétail et blé en avril 1945. *Prog. Agr. et Vitic.* 122: 165-167. May 6/13, 1945. 14 P94  
The situation in France.
- 13692 \*LEMOIGNE. Principes théoriques de la réglementation concernant le pain. *Acad. d'Agr. de France. Compt. Rend.* 26: 721-734. Oct. 2/16, 1940. 14 P215Bc  
Discussion, p. 736-738.  
Analysis and composition.
- 13693 M., C. J. Tanking maize. *Queensland Agr. J.* 60: 268. May 1, 1945. 23 Q33  
Storage.
- 13694 MCNEELY, M. Frank Godchaux's views on rice merchandising. *Rice J.* 48(6): 8, 10. June 1945. 59.8 R36
- 13695 MASSONE, E. Hacia la buena calidad del maíz entrojado. *Campo (Buenos Aires)* 29(342): 22, 56. Apr. 1945. 9 C15
- 13696 MILLER, E. S. Where do we go from here? *Amer. Miller and Processor* 73(7): 39-42, 76-77. July 1945. 298.8 Am32  
Preparation of wheat for milling by electronic treatment.
- 13697 MURPHY, E. J. The grading of Kansas wheat. *Northwest. Miller (Milling Prod. Sect.)* 223(2): 8a-9a, 13a. July 11, 1945. 298.8 N81
- 13698 \*NOTTIN, P. Comparaison des blés des récoltes 1935 à 1941. *Acad. d'Agr. de France. Compt. Rend.* 27: 1120-1126. Dec. 10/17, 1941. 14 P215Bc  
Analysis of the grain.
- 13699 \*NOTTIN, P., and BUCHY, A. Composition de quelques blés de la récolte 1942; comparaison avec les récoltes antérieures. *Assoc. des Chim. B.* 60(1/2): 53-58. Jan./Feb. 1943. 383 As7
- 13700 \*NOTTIN, P. Composition de quelques blés de la récolte 1943. *Assoc. des Chim. B.* 61: 181-183. May/June 1944. 383 As7
- 13701 \*NOTTIN, P., and LACROIX, J. Les farines extraites sous le régime de la loi du 29 juillet 1940. *Acad. d'Agr. de France. Compt. Rend.* 27: 182-192. Feb. 5/12, 1941. 14 P215Bc  
Composition of the flour.
- 13702 \*NOTTIN, P., and ALEXEIEVSKY, A. La granulation des farines et leur force boulangère. *Acad. d'Agr. de France. Compt. Rend.* 26: 755-760. Oct. 2/16, 1940. 14 P215Bc
- 13703 \*NOTTIN, P., and LACROIX, J. Les semoules et les pâtes alimentaires de blé tendre. *Acad. d'Agr. de France. Compt. Rend.* 27: 479-484. Apr. 23/30, 1941. 14 P215Bc  
Possibilities of using soft wheat for semolina and food pastes and the quality of the product obtained.
- 13704 \*OBERMAYER, E. Die getreidepflanzen. Germany. *Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft* 156, p. 39-42. 1942. 18 G31A  
A general survey of production in Hungary.
- 13705 PACHECO MENDOZA, I. Labores que realiza el Laboratorio Experimental de Molinería y Panificación [de la Subsecretaría de Agricultura]. Ecuador. *Primera Zona. Cam. de Agr. Rev.* 7: 226-229. Apr. 1945. 9.5 Ec96
- 13706 \*PANELLA, A. Influenza dei corpi estranei e dell'umidità sul peso a ettolitro del grano con riferimento alla sua valutazione commerciale. Italy. *Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr.* 21: 533-549. July/Dec. 1941. 16 N92
- 13707 PETERS, F. N. What technology means to cereal processors. *Food Indus.* 17: 737-739, 898-899, 994, 996. July-Aug. 1945. 389.8 F737
- 13708 \*PIETTRE, M. Présentation de quelques produits de la meunerie. *Acad. d'Agr. de France. Compt. Rend.* 28: 618-619. Nov. 25/Dec. 2, 1942. 14 P215Bc  
Bread-making quality of flours.
- 13709 POLARIMETRIC determination of starch in cereal products. II-III. *Canad. J. Res. Sect. B, Chem. Sci.* 23: 113-138. July 1945. 470 C16B  
II. Factors affecting the specific rotatory power of wheat starch in aqueous calcium chloride solutions by K. A. Clendenning, p. 113-130; III. Composition and specific rotatory power of starches in relation to source and type, by K. A. Clendenning and D. E. Wright, p. 131-138.
- 13710 PREUSS, A. G. There is no easy way! *Amer. Miller and Processor* 73(7): 38-39. July 1945. 298.8 Am32  
In flour milling.
- 13711 PUSCH, T. C. Production of wheat grits. *Amer. Miller and Processor* 73(7): 32-33, 84. July 1945. 298.8 Am32
- 13712 REID, W. M. Planning for the postwar period. *Rice J.* 48(6): 12, 14-16, 27. June 1945. 59.8 R36  
The rice industry.



13713 RUDNI, L. El comercio de granos en la post-guerra. Pampa Argentina 19(213): 1, 46. May 1945. 9 P19

The situation after World War I.

13714 RUDNI, L. Comercio de granos en la post-guerra; la política de la compra de las cosechas por el Estado, durante la guerra, impidió variar fundamentalmente muestra estructura económica. Pampa Argentina 19(214): 1, 30. June 1945. 9 P19

13715 SCHOPMEYER, H. H. Amioca--the new commercial starch. Chemurg. Digest 4: 201, 203. June 30, 1945. 381 N213Na

13716 \*SMITS, M. B. A "Battaglia del grano" in the Netherlands Indies. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 671-672. 26 In863

13717 WICKIZER, V. D. Rice in the Western Hemisphere; wartime developments and postwar problems. Stanford U. Food Res. Inst. War-Peace Pams. 7, 48 p. Stanford University, 1945. 280.9 L532

#### HONEY AND BEESWAX

13718 ELLIS, M. G. 2 1/2 million pounds of honey. Family Herald and Weekly Star 76(27): 6. July 4, 1945. 7 F21

Operations of the Manitoba Co-operative Honey Producers.

13719 LEE, D. H. Improving the quality of honey. Gleanings Bee Cult. 73: 338-339, 358. Aug. 1945. 424.8 G47

13720 SYLVESTRE, F. L. Liqueur au miel. Abeille et l'Érable 14: 47. Apr. 1945. 424.8 Ab32

#### LIVESTOCK AND LIVESTOCK PRODUCTS

13721 ADAIR, W. A plan for British pigs; producer board of all interests. Farming News and North Brit. Agr. 97(28): 15. July 6, 1945. 10 N82  
Reconstruction plan for the industry.

13722 ALARCÓN M., A., and ACOSTA V., L. Monografías comerciales; el ganado vacuno; producción nacional. Mex. Dir. de Econ. Rural. B. Mens., No. 227, p. 204-239. Apr. 1945. 254.5 Ag83

13723 \*BAKSH, M. S. K. Cattle breeding and Ghosis. Indian Farming 5: 560-561. Dec. 1944. 22 In283

Economics of production by an Indian caste.

13724 BALKRIDGE, H. Purebred hog breeders are business men; they should study modern business and merchandising methods; apply them to hog business. Hog Breeder 20(7): 65-66. July 1945. 46.8 H672

13725 \*BATHA, P. VON. Ungarns viehzucht. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 82-85. 1942. 18 G31A

A survey of production.

13726 C., E. W. Three useful types available; we have [in Australia] the sheep to meet world demands for wool and mutton. Farmer and Settler 40(16): 23. May 18, 1945. 23 F226

13727 CARROLL, W. E. "Reconverting" the swine industry. Chester White J. 35(7): 10. July 1945. 46.8 W582

13728 CENTRAL LANDOWNERS' ASSOCIATION. EXECUTIVE COMMITTEE. Report... adopted by the Council on May 31, 1945. Cent. Landowners' Assoc. [London] J. 24: 143-150. June 1945. 282.9 C33J

Includes a brief memorandum on the sheep and wool industry.

13729 \*CIANI, G. Per una migliore utilizzazione dei grassi animali. Azione Vet. 12: 78-80, 100-104, 134-136. (To be cont.) Mar.-May 1943. 41.8 Az3

Yields of fat in different types of stock.

13730 CLARK, J. J. Sheep industry fills major war rôle for all the United Nations. Farmer and Settler 40(16): 15. May 18, 1945. 23 F226

13731 CONWAY, H. M. Climax is reached in our live stock & meat confusion. Natl. Live Stock Prod. 23(10): 5. July/Aug. 1945. 280.38 N21

13732 CROLL, A. The Karakul sheep in south-west Africa. Inst. Bankers So. Africa. J. 41: 112-121.

Aug. 1944. 284.9 In73

Various aspects of the industry.

13733 DALEY, C. J. Wider application of technical knowledge; fresh outlook must be developed; field for research [in the Australian sheep industry]. Farmer and Settler 40(16): 21. May 18, 1945. 23 F226

13734 \*DOBIGNIES, A., and DOBIGNIES, J. Ce que doit être une politique du mouton. Rev. des Agr. de France 76: 21-22. Feb. 1944. 14 R325

13735 KNSMINGER, M. E. A look into the crystal ball for postwar cattle trends. West. Live Stock 31(1): 22-23. July 1945. 49 W523

13736 FARR, H. W. Can we produce enough meat to feed future America? Berkshire News 10(9): 7, 48. July 1945. 46.8 B454

13737 FARR, H. W. Will we produce enough meat for post war demands? Duroc News 19(8): 46-47. Aug. 1945. 46.8 N212

13738 FERRIN, E. F. Lard yield of hogs may seriously affect postwar market. Natl. Live Stock Prod. 23(10): 1, 20. July/Aug. 1945. 280.38 N21

13739 HALEY, W. C. Millions of sheep in west Texas; Rambouillet displacing Merino; empire of wool. Country Life [Sydney] 56(44, Stud Sheep Sup.): 9. May 18, 1945. 286.85 Sy2

The sheep and goat industry.

13740 \*HAUTION, R. L'irritante question du bétail dispersé. Rev. des Agr. de France 73: 18-19. Jan. 1941. 14 R325

13741 HENNING, E. G. Meat in the two world wars. Butchers' Advocate 118(1): 11-12; (2): 11-13; (3): 10-11. (Concl.) July 4-18, 1945. 286.85 B97

13742 JONES, D. D. United Kingdom cattle-production policy. Foreign Agr. 9: 105-108. July 1945. 1.9 Ec7For

13743 KANEY, J. H. The meat situation. Tex. Livestock J. 4(4): 8. Apr. 15, 1945. 49 T29

13744 \*KERTÉSZ, F., and OTOMOSY, D. Die Schweinezuucht. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 104-109. 1942. 18 G31A

Survey of production in Hungary.

13745 LEWIS, V. W. Opportunity is seen for pork raising in South. Southeast. Cattleman 5(2): 13, 18. Aug. 1945. 43.8 F66A

13746 \*LOPERFIDO. Bassa macelleria equina. Azione Vet. 12: 86-87. Apr. 1943. 41.8 Az3

On the question of horsemeat for human consumption.

13747 \*LOPERFIDO, L. Un'altra questione di attualità: le carni equine. Azione Vet. 12: 4-5. Jan. 1943. 41.8 Az3

13748 MARQUARDT, J. C. How to keep and use rennet. Amer. Butter Rev. 7: 218. July 1945. 44.8 Am37

13749 MEDINA, L. J. Medidas preliminares para el mejoramiento del ganado bovino para la producción de carne en Venezuela. Rev. Pecuaria, No. 80, p. 21-22. May 1945. 49 R326

13750 MERCHANT, I. A. The scope of veterinary public health in the post-war world. U. S. Live-stock Sanit. Assoc. Proc. (1944) 48: 133-140. 1945. 49.9 Un3R

Includes meat inspection and milk sanitation.

13751 MORRISON, S. R. Our Southern beef cattle industry. Plantation Stockman 2(11): 10, 25-26. July 1945. 49 P69

13752 MULLEN, A. J. Rabbit raising as a small business. Dom. Com. 33(7): 19-20. July 1945. 157.54 D713

13753 OLSON, J. T. The postwar pork problem. Farmer [St. Paul], Dak. Ed. 63(5): 7. Mar. 3, 1945. 6 F2211D



13754 O'NEAL, W. F. Hog shortage creates problem. *Mo. Farmer* 37(13): 5. July 15, 1945. 6 M696

13755 P., D. Rabbit farming as a career. *Poultry [London]* 97(3253): 27. July 10, 1945. 47.8 P869

13756 PEMBERTON, R. The swine industry, No. 1 guinea pig. *Chester White J.* 35(7): 5. July 1945. 46.8 W582

13757 \*PERGOLA, V. Situazioni zootecniche [Italy]. *Azione Vet.* 12: 121-123. May 1943. 41.8 Az3

13758 PETERSON, V. V. Cattle in Montana. *Amer. Cattle Prod.* 27(2): 8-9, 20-21. July 1945. 49 P94

A history of the cattle industry in Montana.

13759 \*PETTKO-SZANDTNER, V. T. Die pferdezucht. Germany. *Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft* 156, p. 86-95. 1942. 18 G31A

History of horse raising in Hungary.

13760 \*PIETTRE. Bref aperçu de la situation économique dans le Limousin. *Acad. d'Agr. de France. Compt. Rend.* 26: 914-923. Nov. 27/Dec. 4, 1940. 14 P215Bc

Chiefly on the livestock and dairy industry.

13761 \*PIETTRE, M. L'élevage colonial sur le mode extensif; la laine en A. O. F. et la viande à Madagascar. *Acad. d'Agr. de France. Compt. Rend.* 27: 642-662. June 4/11, 1941. 14 P215Bc

13762 \*PIETTRE, M. Les sous-produits industriels; "by products" des abattoirs. (Une mission du Ministère de la Production Industrielle.) *Acad. d'Agr. de France. Compt. Rend.* 30: 146-151. 1944. 14 P215Bc

A Government investigation of slaughterhouses in France.

13763 PROULX, J. R. Il faut maintenir la production du porc. *Terre de Chez Nous* 17(40), 1. e. 41): 16. July 18, 1945. 7 T27

Canada's need for keeping up production to preserve the export market.

13764 \*SCHANDL, J. Die schafzucht. Germany. *Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft* 156, p. 110-117. 1942. 18 G31A

Includes wool and milk marketing in Hungary.

13765 SCHNITZER, J. G. Hides and skins in India; world's most important producer and exporter. *Foreign Com. Weekly* 20(4): 20, 59-60. July 21, 1945. 157.54 F763

13766 SHEW, W. D. Cuts of beef, mutton and pork. *Victoria. Dept. Agr. J.* 43: 214-215. May 1945. 23 V66J

13767 SOCIEDAD RURAL DE FRAGADO (ARGENTINA). La producción de cerdos y la fijación de precio al maíz. *Res* 13: 17547-17548. June 5, 1945. 286.85 R31

13768 \*TASSI, L. Si deve abolire la bassa macelleria per la carne equina? *Azione Vet.* 12: 35-36. Feb. 1943. 41.8 Az3

13769 TORREGUITAR, C. E. Breves consideraciones sobre muestra política ganadera. *Buenos Aires y La Pampa, No. 79*, p. 50. Apr. 1945. 9 B868

13770 TREMBLAY, C. H. Aux éleveurs de lapins. *Terre de Chez Nous* 17(38): 23. June 27, 1945. 7 T27

Need for organization of producers to promote the industry in Quebec.

13771 \*WOERMANN, E. Die europäische Schweinehaltung; ihre Leistungen für die fleisch- und fettwirtschaft. *Deut. Agrarpolitik* 2: 44-50. Nov. 1943. 281.8 D48

#### Analysis and Composition

13772 CONABERE, G. O. The stiffness of leather. *Paper-Maker and Brit. Paper Trade J., Midsummer Spec. Ed.*, 1945, p. 36-37, 39, 42, 45. 302.8 P1922

13773 HARGREAVES, S. The bacteriology of canned bacon. (Abs.) *Soc. Agr. Bact. Proc.* (1944) 15: 65-66. 1945. 448.39 S012

13774 SWANGER, C. H. Report on meat and meat products. *Assoc. Off. Agr. Chem. J.* 28: 252-253. May 1945. 381 As7

#### Consumption and Utilization

13775 \*CIANI, G. Per una migliore utilizzazione dei grassi animali. *Azione Vet.* 12: 181-186. (Cont.) June 1943. 41.8 Az3

13776 \*LENGLEN. La récupération des graisses animales. *Acad. d'Agr. de France. Compt. Rend.* 26: 746-747. Oct. 2/16, 1940. 14 P215Bc

Discussion, p. 748-749.

13777 SOUTHERN RHODESIA. DEPT. OF AGRICULTURE AND LANDS. DIVISION OF ANIMAL HUSBANDRY. Choice beef. *Rhodesia Agr. J.* 42: 119-122. Mar./Apr. 1945. 24 R34

Various cuts and how they should be used.

13778 \*TASSI, L. L'utilizzazione alimentare del sanges nei PP. Macelli di Firenze. *Azione Vet.* 12: 7-9. Jan. 1943. 41.8 Az3

#### Distribution, Marketing, and Transportation

13779 \*BIANCHEDI. Macellazione clandestina. *Azione Vet.* 12: 29-31. Feb. 1943. 41.8 Az3

Prevention of extra-legal slaughtering and marketing of meat.

13780 BISSON, J. E. La préparation des agneaux pour le marché. *Terre de Chez Nous* 17(39): 19. July 4, 1945. 7 T27

13781 BOWLES, C. Meat distribution and the meat black market. *West. Frozen Foods* 6(8): 6-7. June 1945. 389.8 W523

Program of OPA.

13782 \*BRUNO, A. Il commercio delle pellicce e l'acclimazione degli ovini "Caracul" in Africa Orientale Italiana. *Rass. Econ. dell'Africa Ital.* 30: 177-183. Apr. 1942. 261 C71

13783 \*COPPINI, R. Perdite in peso subite dagli animali durante il trasporto. *Azione Vet.* 12: 32-34. Feb. 1943. 41.8 Az3

13784 ELIJAH, H. D. Marketing your purebred livestock. *Amer. Hampshire Herdsman* 20(7): 20, 60, 67-68. July 1945. 46.8 Am33

13785 ELIJAH, H. D. Volume selling...is need of purebred hog industry. *Hog Breeder* 20(7): 16-17. July 1945. 46.8 H672

13786 \*GARDINAZZI, L. Sulla destinazione delle carni provenienti dalla macellazione clandestina. *Azione Vet.* 12: 57-62. Mar. 1943. 41.8 Az3

13787 HENLEY, H. S. Meeting post-war competition; policy may be reversed; meat producers must be ready for changes in export markets [Australia]. *Farmer and Settler* 40(16): 34. May 18, 1945. 23 F226

13788 HOLTON, W. H. Smithfield—mart for world's meat. *Vet. Med.* 40: 258-260. Aug. 1945. 40.8 M69

13789 HUTCHINSON, J. Britain's oldest auction mart. *Farmers Weekly [London]* 23(2): 28-29. July 13, 1945. 10 F2226

Sheep and cattle sales by the firm Andrew Oliver & Son, Ltd.

13790 LODER, J. La situación actual del mercado británico para caballos de carrera. *Res* 13: 17459-17460. May 20, 1945. 286.85 R31

13791 LOGAN, N. S. Jasper County co-op sets record in sale of stock. *Hoosier Farmer* 30(7): 25. July 1945. 280.82 F76

Jasper County Farm Bureau Cooperative Association.

13792 MILBURN, V. S. Producers not consulted. *Rural Co-op.* 9(20): 2. June 26, 1945. 280.28 R88

On deductions made by packers for horned cattle in Ontario.

13793 ORNDUFF, D. R. Farm signs; every Hereford breeder should have one. *Amer. Hereford J.* 36(5): 212, 262-264. July 1, 1945. 43.8 Am32



13794 \*PIETTRE. Les erreurs du ravitaillement et de la répartition des viandes à Paris. Acad. d'Agr. de France. Compt. Rend. 27: 740-746. July 2/9, 1941. 14 P215Bc

13795 \*PIETTRE, M. Décentralisation du marché de la viande en France; organisation régionaliste. Acad. d'Agr. de France. Compt. Rend. 27: 50-72. Jan. 8/15, 1941. 14 P215Bc

13796 \*PIETTRE, M. Deuxième étape de l'organisation du marché de la viande sur le plan national; fixation des prix de base du bétail de boucherie à la production. Acad. d'Agr. de France. Compt. Rend. 27: 564-583. May 7/14, 1941. 14 P215Bc

13797 \*PIETTRE, M. Le marché et l'abattoir de Brancion pendant la guerre; l'apport de chevaux étrangers. Acad. d'Agr. de France. Compt. Rend. 27: 97-115. Jan. 22/29, 1941. 14 P215Bc

13798 RANKIN, J. D. Bottleneck at the butcher's block; self-service meat departments help to relieve this trouble. Du Pont Mag. 39(1): 12-13. Mar./Apr. 1945. 309.8 D92

13799 S., E. J. Transport of pigs to saleyards. Queensland Agr. J. 60: 242. Apr. 1, 1945. 23 Q33

13800 SEISSIGER, J. H. Meatless days are not the answer. Natl. Grocers B. 32(3): 64, 66, 74. Mar. 1945. 286.83 N214  
Meat merchandising.

13801 SEISSIGER, J. H. What's ahead in the retail meat business? Natl. Grocers B. 32(1): 46, 50, 65. Jan. 1945. 286.83 N214

13802 SPRIGLE, R. I got all the meat I wanted; startling details of the illicit meat racket as I found it. (Condensed.) Mag. Digest 31(2): 106-110. Aug. 1945. 110 M27

13803 STAGG, A. L. Latin America beckons; encouraging prospects for a Canadian Holstein market found in South America by Holstein-Friesian Association's representative. Holstein-Friesian J. 8(4): 13-14, 28-29. (To be cont.) July 1945. 43.8 H743

#### Grading, Inspection, Standardization, and Quality

13804 \*BIANCHEDI. Attualità. Azione Vet. 12: 55-56. Mar. 1943. 41.8 Az3

Classification of stock intended for meat.

13805 BISSON, J. E. Importance de la qualité des porcs pour garder notre marché d'exportation. Terre de Chez Nous 17(40, 1. e. 41): 23. July 18, 1945. 7 T27

13806 CLARKSON, M. R. Federal meat inspection under wartime conditions. U. S. Livestock Sanit. Assoc. Proc. (1944) 48: 128-132. 1945. 49.9 Un3R  
U. S. Meat Inspection Division.

13807 GRACE, L. B. A. Aspects of practical meat inspection. Chem. & Indus., No. 26, p. 202-204. June 30, 1945. 382 M31C

13808 SHAW, E. B. United States restrictions on Argentine beef. Sci. Monthly 61: 101-108. Aug. 1945. 470 Sci23

13809 THOMASSET, L. F. Factores que afectan el peso y rendimiento del vellón. Chacra 15(176): 16-17. June 1945. 9 C34

13810 VAZQUEZ PONCE, A. Inspección sanitaria de las carnes de consumo. Suelo Argentino 4: 288-290, 336. May 1945. 9 Su2

13811 WARD, T. K. Meat and food inspection in the Middle East. Roy. Sanit. Inst. J. 65: 205-206. July 1945. 449.9 B812

#### Prices, Price Control, and Rationing

13812 CONFEDERACIÓN DE ASOCIACIONES RURALES DE BUENOS AIRES Y LA PAMPA. Como abaratar la carne, sin perjudicar al ganadero. Buenos Aires y La Pampa, No. 79, p. 30-31, 45. Apr. 1945. 9 B868

13813 KANEY, J. H. Of interest to feeders and producers. Tex. Livestock J. 4(6): 8, 85. June 15, 1945. 49 T29

Price control and subsidies in the livestock industry.

13814 NOBLE, K. F. Australian meat ration reduced. Canada. Dept. Trade and Com. Com. Intel. J. 73: 73. July 28, 1945. 286.8 C16

13815 SAMPER, A. Poder adquisitivo de la carne de cerdo en el mercado de Bogotá. Agr. Trop. 1(1): 27-30. Feb. 1945. 26 Ag8

Price statistics.

13816 SCULLY. Minister for Commerce and Agriculture of Australia; gives warning on inflated prices for dairy herds. Farmer and Settler 40(17): 4. May 25, 1945. 23 F226

#### Processing and Storage

13817 BATE-SMITH, E. C. Congelación rápida de la carne; resumen de algunos de sus aspectos científicos. Res 13: 17427-17429. May 5, 1945. 286.85 R31

13818 HLEIER, P. Preparación de cueros. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 36(158): 38-44. Jan./Feb. 1945. 8 R323  
Tanning.

13819 COX, W. F. Pelts. Midwest Wool Growers News 14(3): 8. Mar. 1945. 45.8 M58  
Care of sheep and lamb pelts.

13820 HILBERT, F. L. The technology of tanning. Part 3—The art and science of leather making; chapter 1—Modern tanning practices. Hide and Leather and Shoes 110(2): 26, 28, 41. (To be cont.) July 14, 1945. 303.8 H53

13821 HOWARD, T. The smoking of meat. Food Manufacture 20: 238-240. July 1, 1945. 389.8 F736

13822 KOPPENHOFER, R. M. The role of various sulfated fatty oils in the fatliquoring of chrome leather. Amer. Leather Chem. Assoc. J. 4: 277-286. July 1945. 303.9 Am32

13823 \*PIETTRE, M. Congélation des viandes pour le ravitaillement dans la période de soudure. Acad. d'Agr. de France. Compt. Rend. 28: 533-536. Oct. 14/21, 1942. 14 P215Bc

Introduces a note by Richard on the same subject which is given, p. 536-537.

13824 \*RAIMONDI, R. Studi sulla resa alla macellazione di vitelli piemontesi di tipo, di sesso e di età diversi. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 21: 284-314. Mar./June 1941. 16 N92

Yields in meat products.

13825 STEELE, C. F. Progress in co-op. packing plant. Family Herald and Weekly Star 76(27): 13. July 4, 1945. 7 F21

Lethbridge Co-operative Packers Ltd., Alberta.

13826 STUMBO, C. R., GROSS, C. E., and VINTON, C. Bacteriological studies relating to thermal processing of canned meats. Food Res. 10: 260-272. May/June 1945. 389.8 F7322

13827 WEAVER, A. D. Curing pork country style; ways and means. Nebr. Farmer 87(1): 5, 10. Jan. 6, 1945. 6 N27

13828 WHITE, W. H., GIBBONS, N. E., and THISTLE, M. W. Canadian Wiltshire bacon. XXIV. Effect of strong cures on keeping quality. Canad. J. Res. Sect. F, Technol. 23: 213-230. July 1945. 470 C16F

#### Statistics

13829 \*LEPLAE, E. Conditions des élevages indigènes et européens au Congo Belge. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 435-439. 26 In863

13830 LLOYD, E. W. Building up our herds and flocks. Field 185: 601. June 16, 1945. 10 F45  
Statistical for Great Britain.

13831 \*MASSI, E. L'economia zootecnica dell'Africa. Rass. Econ. dell'Africa Ital. 29: 483-503. July 1941. 261 C71

Includes statistics of production and trade.

13832 PENZHORN, E. J. Fat-lamb production in the north-western Free State. Farming in So. Africa 20: 305-314. May 1945. 24 So842

A statistical survey of the industry.



13833 SANTA FE (PROV.). INSTITUTO EXPERIMENTAL DE INVESTIGACIÓN Y FOMENTO AGRÍCOLA GANADERO. Existencia del ganado vacuno en la Provincia de Santa Fe. Santa Fe (Prov.). Inst. Expt. de Invest. y Fomento Agr.-Ganad. Informe Econ., No. 3, 8 p. Santa Fe, 1944. 255.1 Sa5721

Statistics.

13834 SWANSON, F. Impact of the war on the St. Louis area, city of St. Louis and St. Louis County, Missouri; Madison and St. Clair Counties, Illinois. U. S. Bur. Labor Statist. Indus. Area Study, No. 27, 61 p., processed. Washington, 1944. 158.6 In2  
Includes discussion of the meat packing industry.

#### OILS AND OILSEEDS

13835 ALDERKS, O. H. The future of soybean oil. Chem. and Engin. News 23: 1168-1170. July 10, 1945. 381 J825N

13836 \*ANDRÉ, E. Nécessité d'un inventaire des petites huileries paysannes existant en France. Leur adaptation aux récents progrès techniques de l'industrie huilière. Acad. d'Agr. de France. Compt. Rend. 27: 89-95. Jan. 22/29, 1941. 14 P215Bc

13837 \*ARNOULD, L. Sur l'huile de noix d'Amérique (Juglans nigra). Acad. d'Agr. de France. Compt. Rend. 27: 209-213. Feb. 19/26, 1941. 14 P215Bc

13838 BARTHOLOMEW, E. T., and SINCLAIR, W. B. Apparatus for the determination of volatile citrus oils. Assoc. Off. Agr. Chem. J. 28: 339-345. May 1945. 381 As7

13839 \*BASU, U. P., and SEN-GUPTA, S. K. Utilization of groundnut meal. Indian Chem. Soc. J. 21: 389-390. Dec. 1944. 385 In27  
Analysis and composition.

13840 \*BENING, W. Nochmals die soja! Internat. Agrar-Rundschau, No. 4, p. 202-207. June 1943. 28 In89

Emphasizes the soybean's importance as a source of protein.

13841 \*BRODIE, N. Indian vegetable oils; revised by S. M. Sen Gupta. B. Indian Indus. Res., No. 10, ed. 2, rev., 81 p. Delhi, 1943. 330.9 In22

Issued by India. Dept. of Industries and Civil Supplies, Directorate of Scientific and Industrial Research.

13842 \*BRUNO, A. Le terre tropicali e la deficienza di oleaginosi in Europa. Rass. Econ. dell'Africa Ital. 31: 232-238. Apr. 1943. 261 C71  
Contains statistics of European production and trade in oils.

13843 \*COMPAGNIA ITALIANA SEMI E FRUTTI OLEOSI S. A., MILANO. L'attività della "Compagnia Italiana Semi e Frutti Oleosi S. A." in Africa Orientale Italiana. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 174-178. 26 In863

13844 \*DASTUR, N. N., BHIDE, K. G., and KOTHA-VALLA, Z. R. A study of the Villavecchia reaction for sesame oil. Indian J. Vet. Sci. and Anim. Husb. 14: 94-97. June 1944. 41.8 In22

13845 FITELSON, J. Report on oils, fats, and waxes. Assoc. Off. Agr. Chem. J. 28: 282-289. May 1945. 381 As7

Method of analysis.

13846 \*FLANZY, P. Pêpins de raisins et extraction de l'huile. Acad. d'Agr. de France. Compt. Rend. 28: 652-654. Dec. 9/23, 1942. 14 P215Bc

13847 GABBY, J. L. Chemistry of the soybean. Natl. Grain J. 29(7): 8, 27. June 1945. 298.8 C83

13848 GRINDLEY, D. N. Investigation of the seed oils of some Sudan Mimosaceae. Soc. Chem. Indus. J. 64: 152. May 1945. 382 M31

13849 GUENTHER, E. Oil of fennel; its sources, characteristics. Food Indus. 17: 766-768. July 1945. 389.8 F737

13850 GUENTHER, E. A survey of Spanish essential oils. Amer. Perfumer and Essential Oil Rev. 47(7): 41-43. (To be cont.) July 1945. 308.8 Am3

13851 HUTCHINS, R. P. Oil quality from hydraulic pressed soybeans. Oil & Soap 22: 165-168. July 1945. 307.8 J82

13852 JASPERSON, H., JONES, R., and LORD, J. W. Observations on tests for supposed  $\alpha$ -dicarbonyl compounds in autoxidised fatty systems. Soc. Chem. Indus. J. 64: 143-145. May 1945. 382 M31

The tests were applied to peanut oil.

13853 \*LARUE, P. L'huile de pépins au XVIII<sup>e</sup> siècle. Prog. Agr. et Vitic. Ed. du Midi 122: 17. Jan. 7/28, 1945. 14 P94

13854 \*LARUE, P. Les ruraux et les matières grasses. Prog. Agr. et Vitic. 120: 262-263. Dec. 19/26, 1943. 14 P94

Ways of meeting the fats shortage.

13855 LEA, C. H. The determination of the peroxide value of edible fats and oils: the influence of atmospheric oxygen in the Chapman and McFarlane method. Soc. Chem. Indus. J. 64: 106-109. Apr. 1945. 382 M31

13856 \*LEFÈVRE, J. Procédés simples de désodorisation de l'huile de colza. Acad. d'Agr. de France. Compt. Rend. 26: 1044-1046. Dec. 11/18, 1940. 14 P215Bc

13857 \*LENGLEN, Contribution à l'étude de l'approvisionnement en corps gras (huile de noix et graisses animales). Acad. d'Agr. de France. Compt. Rend. 26: 739-745. Oct. 2/16, 1940. 14 P215Bc

13858 \*LENGLEN, Contribution à l'étude de notre approvisionnement en corps gras: l'huile de faine. Acad. d'Agr. de France. Compt. Rend. 26: 688-707. Sept. 25, 1940. 14 P215Bc

13859 \*MANETTI, C. L'autarchia dei grassi industriali e l'apporto delle colonie. Rass. Econ. dell'Africa Ital. 29: 336-350. May 1941. 261 C71

13860 \*MANETTI, C. Una coltura dell'avvenire: la soia. Rass. Econ. dell'Africa Ital. 31: 282-287. May 1943. 261 C71

Cultivation and utilization.

13861 MELOY, G. S. Cotton seed grading. Oil Mill Gazetteer 50(1): 23, 25, 27, 28-30. July 1945. 307.8 O153

13862 \*MILA, L. Les cultures oléagineuses. Rev. des Agr. de France 74: 76. Mar. 1942. 14 R325

13863 RADLOVE, S. B. A note on the composition of wheat-germ oil. Oil & Soap 22: 183-184. July 1945. 307.8 J82

13864 RAMÍREZ, J. H. Puerto Rico: país sin grasas. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 213-221. May/Dec. 1944. 8 R325

13865 \*RAY, G. L'agriculture et l'industrie des matières grasses. Acad. d'Agr. de France. Compt. Rend. 28: 631-635. Dec. 9/23, 1942. 14 P215Bc

13866 RIEMENSCHNEIDER, R. W., and others. Stability values obtained by different rapid methods as a means of evaluating antioxidants for fats and oils. Oil & Soap 22: 174-177. July 1945. 307.8 J82

F. E. Luddy, S. F. Herb, and J. Turer, joint authors.

13867 RIGGS, T. H., and KIRSTEN, G. Report on peanut oil. Assoc. Off. Agr. Chem. J. 28: 293-295. May 1945. 381 As7

Method for the detection of peanut oil in admixture with other oils.

13868 \*SAINT-RAT, L. DE. L'huile de pépins de pommes. Acad. d'Agr. de France. Compt. Rend. 28: 544-549. Oct. 14/21, 1942. 14 P215Bc  
Composition of the oil.

13869 \*SASTRY, S. G. Mysore linaloe oil. J. Sci. and Indus. Res. 3: 516-518. May 1945. 475 J82

13870 \*SCHRIBAU, Huile de pépins de citrouille. Acad. d'Agr. de France. Compt. Rend. 26: 866-867. Nov. 13/20, 1940. 14 P215Bc

13871 SILVA, E. M. Investigación sobre las plantaciones de tung en el país (al 15 de noviembre de 1944). Bolsa de Cereales, Buenos Aires. Rev. 32 (1704): 6, 8, 16. June 9, 1945. 287 B866

Statistics of the industry.



13872 SINGLETON, W. S., LAMBOU, M., and BAILEY, A. E. Modification of vegetable oils. III. Fractional crystallization of fatty acids from solvents--separation of the solid and liquid acids of cottonseed oil. Oil & Soap 22: 168-174. July 1945. 307.8 J82

13873 STURLA, A. C. Los aceites esenciales. Bolsa de Com., Rosario. Rev. 33(800): 3-4. May 15, 1945. 287 R71

Includes yields in oil and prices obtainable.

13874 TEETER, H. M., and COWAN, J. C. Allylic esters of polymeric fat acids. Oil & Soap 22: 177-180. July 1945. 307.8 J82

13875 UNIÃO DOS LAVRADORES DE ALGODÃO. Preço do caroço de algodão. Rev. do Algodão 10(98): 10-12. Mar. 1945. 72.8 R322

13876 VALDIVIA, M. A. Las variadas aplicaciones del maní. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 170-173. May/Dec. 1944. 8 R325

13877 \*VERGNAUD, H. L'industrie du soja repose-t-elle sur une base inexacte? Assoc. des Chim. B. 59: 604-623. July/Aug. 1942. 383 As7

The importance of the soybean as a source of oil and particularly of protein. Its nutritive value is emphasized.

13878 \*VERGNAUD, H. Le soja dans l'économie européenne; ses aspects et son importance dans l'Empire français. Assoc. des Chim. B. 59: 481-497. May/June 1942. 383 As7

13879 VOLLERTSEN, J. J. History of the Smalley Foundation Committee of the American Oil Chemists' Society. Oil & Soap 22(7): 10-12. July 1945. 307.8 J82

Includes description of its cottonseed meal check work.

#### POULTRY AND POULTRY PRODUCTS

13880 AT THE outset of poultry expansion... Stock quality must be maintained, urges H. Howes; Fundamental changes will be called for, Cyril Grange's opinion. Smallholder 73(1839): 12. June 15, 1945. 10 Sml

13881 BAGNALL, D. J. T., and SMITH, A. The estimation of dried egg in fruit curd. Analyst 70: 211. June 1945. 382 An1

13882 BARCO, G. F. Conservación del huevo por medio del silicato de sodio. Campo [Buenos Aires] 29(343): 45. May 1945. 9 C15

13883 BARRY, S. C. Egg markets - present and future. Canad. Poultry Rev. 69(8): 4, 15-17. Aug. 1945. 47.8 C16

13884 BARTRAM, M. T. Report on microbiological methods in eggs and egg products. Assoc. Off. Agr. Chem. J. 28: 280-282. May 1945. 381 As7

13885 BIRTWISTLE, V. See your eggs are "well put down"; well-arranged plate of eggs one likely to catch the judge's eye. Poultry [London] 96: 393. June 19, 1945. 47.8 P869

13886 BROIN, J. DE. L'industrie avicole dans le péninsule Delmarva. B. des Agr. 41(7): 22-23. July 1945. 7 B872

13887 BURTON, W. Don't get alarmed and sell your poultry. Prog. Farmer, Tex. Ed. 60(8): 12, 41. Aug. 1945. 6 T311

13888 BUSTER, M. W. Better egg and poultry marketing. Northeast. Poultryman 41(1): 5-6. July 1945. 47.8 N44

13889 CARD, L. Let's take a look at our industry. Poultry Comment 2(3): 1, 3. June 1945. 47.8 D92

The poultry industry.

13890 CARTON, V. Egg production. Irish Agr. and Creamery Rev. (n. s.) 14(137): 18-19. May 1945. 44.8 C866

Financial opportunities.

13891 COSTA, J. W. DA. O mercado de ovos da Capital em face dos atuais acontecimentos. Rev. dos Criadores 16(5): 54. May 1945. 43.8 R32

13892 EDWARDS, S. A. The poultry industry in Connecticut. Northeast. Poultryman 41(1): 14, 25. July 1945. 47.8 N44

Also in Grandin Farmer, No. 6, p. 1, 4. July 1945. 6 F763

13893 ELLIS, M. G. Tell of British egg needs. Family Herald and Weekly Star 76(27): 9. July 4, 1945. 7 F21

13894 ERICSON, M. H. Qualities of eggs (as determined by Haugh units) and method of preparation affecting the gel strength of custard. S. Dak. Acad. Sci. Proc. (1943) 23: 85-99. 1944. Ref., p. 97-99. 500 So82

13895 FUNK, E. M. Keep eggs fresh by keeping them cool. U. S. Egg & Poultry Mag. 51: 297-298. July 1945. 286.85 Eg3

13896 GORDON, M. D. Poultry [industry] expansion on sound lines [in Great Britain]. Field 185: 550. June 2, 1945. 10 F45

13897 HALL, M. D. The boning of poultry. Victoria. Dept. Agr. J. 43: 216-217. May 1945. 23 V66J

13898 HANNAS, R. R. The industry's spot light; The Poultry and Egg National Board keeps the consumer informed. Amer. Poultry J. 76(7): 4, 18-19. July/Aug. 1945. 47.8 Am32

13899 HILLIG, F. Report on acid in eggs. Assoc. Off. Agr. Chem. J. 28: 217-221. May 15, 1945. 381 As7

Volatile and lactic acid.

13900 HINSHAW, J. E. The economy pack. U. S. Egg & Poultry Mag. 51: 312-315. July 1945. 286.85 Eg3

Dressed chickens and turkeys.

13901 INNES, J. A. Marketing specialist Innes urges [North Carolina] mountain farmers raise turkeys. Farmers Fed. News 25(12): 22, 32. Aug. 1945. 280.28 F225

13902 JAMES, L. Eggs keep better when kept cold. Cackle and Crow 27(9): 10. July 1945. 47.8 C11

13903 KIMBALL, E. S. Government poultry and egg statistics as guideposts for industry. U. S. Egg & Poultry Mag. 51: 292-295, 334-335. July 1945. 286.85 Eg3

13904 LEPPER, H. A. Report on eggs and egg products. Assoc. Off. Agr. Chem. J. 28: 215-216. May 1945. 381 As7

Methods of analysis.

13905 LE ROUX, F. A. Table poultry prices. S. A. P. A. Poultry B. 8(89): 9; (90): 7. (Cont.) Feb., Mar. 1945. 47.8 So89

13906 LORENZ, F. W. Ranch egg cooling by refrigeration. Nulaid News 23(3): 11. June 1945. 47.8 N917

13907 \*MACDONALD, A. J., and KRISHNAN, T. S. An egg-cooling cabinet. Indian J. Vet. Sci. and Anim. Husb. 14: 26-33. Mar. 1944. 41.8 In22

Egg storage tests.

13908 MUSSEHL, F. E. Summer eggs can be grade A. U. S. Egg & Poultry Mag. 51: 302-303. July 1945. 286.85 Eg3

Care and handling of eggs.

13909 \*OTTO, V. E. Die geflügel- und kleintierzucht [Hungary]. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 118-123. 1942. 18 G31A

13910 PARSONS, L. C. Our position on eggs; why won't OPA simplify egg ceilings? Northeast. Poultryman 41(1): 7-8, 28-29. July 1945. 47.8 N44

13911 PHILLIPS, H. C. California's hatchery industry. Calif. Cult. 92: 404. July 21, 1945. 6 C12

13912 PYKE, W. E. Packaging is means of preserving eggs; treatments within egg cartons are helpful. Colo. Farm B. [Colo. Sta.] 7(3): 9-13. May/June 1945. 100 C71S

13913 REID, M., and PEARCE, J. A. Dried whole egg powder. XVII. Objective tests and baking quality. Canad. J. Res. Sect. F, Technol. 23: 239-242. July 1945. 470 C16F

13914 ROASTED eggs. Business Week, No. 831, p. 90. Aug. 4, 1945. 280.8 Sy8



- 13915 ROGICK, L. A. Ovos deshidratados. São Paulo (State). Dept. da Prod. Anim. B. de Indús. Anim. (n. s.) 7(3/4): 45-49. July/Oct. 1944. 49 R324
- 13916 SIMONPIETRI, R. H. Anomalías de los huevos. Chacra 15(175): 46-47. May 1945. 9 C34
- Abnormalities in eggs.
- 13917 SNYDER, E. S. Eggs; the production, identification and retention of quality in eggs. Ontario. Dept. Agr. B. 446, 46 p. Toronto, 1945. 101 On8B
- 13918 TOWNSLEY, T. S. Higher ceiling prices now might prove a boomerang. Smith's Chickagrams 14(7): 2-3. July 1945. 47.8 Sm6
- Effect on egg and poultry industry.
- 13919 W., F. E. Eggs for vaccine. Natl. Barred Rock J. 35(1): 4. Jan./Mar. 1945. 47.8 In8

## RUBBER AND RUBBER SUBSTITUTES

- 13920 BEKKEDAHL, N. Rubber research in tropical Brazil. India Rubber World 112: 451-454. July 1945. 305.8 In2
- 13921 U. S. DEPT. OF STATE. Rubber production; agreement between the United States of America and Venezuela. U. S. Dept. State. Exec. Agreement Ser. 446, 18 p. Washington, 1945. (P. 2342) 150 Ex3

## SEEDS

- 13922 GRIFFITHS, L. A. Modern seed business in the South Pacific. Seed World 58(1): 50-51. July 6, 1945. 61.8 Se52
- The Griffiths Ltd. Company in Auckland, New Zealand.
- 13923 LA PINE, L. J. New Vermont seed law. Seed World 58(2): 36-37. July 20, 1945. 61.8 Se52
- 13924 MAGRUDER, R. Some seed production and distribution activities of the War Food Administration. Ohio Veg. and Potato Growers Assoc. Proc. (1945) 30: 45-60. 75.9 Oh3
- 13925 SELLSCHOP, J. Guaranteed seed. Farming in So. Africa 20: 269-271. May 1945. 24 So842
- Marketing regulations.
- 13926 \*U. S. S. R. SOVET NARODNYKH KOMISSAROV I TSK VKP(b). Ob uluchshenii semenovodstva zernovykh kul'tur. SoSialist. Sel'sk. Khoz. 16(3): 15-21. Mar. 1945. 281.8 So73
- Plans and programs for the improvement of seed production of grains in the U. S. S. R.
- 13927 WHEELER, W. A. Seeds for the world. Seed World 58(1): 28, 31. July 6, 1945. 61.8 Se52
- Production of vegetable seed.
- 13928 YOUNG, J. A. The food program during war or peace. Seed World 58(1): 108-110. July 6, 1945. 61.8 Se52
- Importance of seed production.

## SUGAR AND SIRUPS

- 13929 \*BELLET, E. Sur une utilisation possible des pulpes résiduelles de l'industrie sucrière. Acad. d'Agr. de France. Compt. Rend. 27: 444-445. Apr. 2/9, 1941. 14 P215Bc
- 13930 BROEG, W. E. Maltose as a sugar substitute. Bakers' Helper 84(1043): 62, 67. July 14, 1945. 389.8 B17
- 13931 CABAL MARTÍNEZ, E. La industria azucarera nacional [Colombian]. Agr. Trop. 1(4): 25-31. May 1945. 26 Ag8
- 13932 \*CONFÉDÉRATION GÉNÉRALE DES PLANTEURS DE BETTERAVES. Faisons de la betterave. Rev. des Agr. de France 74: 73. Mar. 1942. 14 R325
- New French law provides advantages in sugar beet raising.
- 13933 CUBA, G. ¡Zafra en el "Elia"! Cuba. Min. de Agr. Rev. (ser. 4) 28(2): 74-78. Apr./June 1945. 8 Ag88Re
- On the Elia sugar central which had resumed operations after twelve years.

- 13934 DAVIES, R. A. Russia tackles reconstruction jobs; Ukrainian refineries being rebuilt and 880,000 acres put in beets this year.. local briquetting plants part of plan. Sugar 40(7): 26-27. July 1945. 65.8 F11
- 13935 DIAGO, R. E. El sistema de trabajo en los tachos. Téc. Azucarera 4(35/36): 14-24. Apr./May 1944. 65.8 T22
- Sugar manufacture.
- 13936 DÍAZ COMPAIN, J. Aportaciones a la organización del Instituto de Investigaciones de la Industria Azucarera Cubana. Asoc. de Téc. Azucareros de Cuba. B. Ofic. 4: 56-60. (To be cont.) Apr. 1945. 65.9 As5B
- 13937 \*DUBOURG, J. La réalisation d'un champ d'essais et l'interprétation des résultats. J. des Fabric. de Sucre 82: 95-98. Apr. 14/21, 1941. 65.8 J82
- Sugar.
- 13938 \*DUTILLOY, R. Sucre ou mélasse? Assoc. des Chim. B. 59: 806-810. Nov./Dec. 1942. 383 As7
- Sugar refining.
- 13939 \*DUTILLOY, R. Sucre ou mélasse; "la cuite est moins un appareil d'évaporation que surtout un cristallisateur." Assoc. des Chim. B. 61: 169-175. May/June 1944. 383 As7
- Sugar boiling.
- 13940 \*DUTILLOY, R. Sucre ou mélasse? Le facteur temps dans la cristallisation. Assoc. des Chim. B. 60: 189-192. May/July 1943. 383 As7
- 13941 \*FABRICIUS, A. VON. Die zuckerrübenproduktion und der kartoffelbau. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 47-49. 1942. 18 G31A
- Economic aspects of Hungarian production.
- 13942 \*FÉVRIER, J. G. L'économie sucrière espagnole. J. des Fabric. de Sucre 85: 33, 35. May 1, 1944. 65.8 J82
- 13943 \*FÉVRIER, J. G. Le régime de l'industrie sucrière dans le protectorat de Bohême-Moravie. J. des Fabric. de Sucre 85: 49, 51. July 1, 1944. 65.8 J82
- 13944 \*FLANZY, M. Sur la fabrication du sucre de raisin et ses conséquences économiques. Acad. d'Agr. de France. Compt. Rend. 27: 684-692. June 18/25, 1941. 14 P215Bc
- 13945 \*GARZEND, A. Le sucre et l'effort agricole suisse. J. des Fabric. de Sucre 85: 69, 71. Sept./Dec. 1944. 65.8 J82
- Sugar supply and sugar beet production in Switzerland.
- 13946 GONZÁLEZ MAIZ, J. C. Como influye en la molienda la fibra de la caña. Téc. Azucarera 4 (35/36): 9-11. Apr./May 1944. 65.8 T22
- 13947 \*GUILLEBON, G. DE. Organisation de la production du sucre et de l'alcool de betterave. Rev. des Agr. de France 74: 116. May 1942. 14 R325
- 13948 \*GUYOMARC'H, E. Considérations sur l'épuration calco-carbonique des jus de diffusion en sucrerie de betteraves. J. des Fabric. de Sucre 83: 41-45. Feb. 16/23, 1942. 65.8 J82
- 13949 \*H., L. Au sujet des pertes de fabrication en sucrerie. Assoc. des Chim. B. 60: 192. May/July 1943. 383 As7
- 13950 HEPPELRY, A. K. Sugar, beets, a conversion crop; production and price history justifies increased acreage. Nebr. Farmer 87(5): 4, 28. Mar. 3, 1945. 6 N27
- 13951 HIGGINS, F. H. Sugar: one beautiful, bitter-sweet mess; Sugar J. 8(1): 2-3, 10. June 1945. 65.8 Su391
- Sugar situation in California.
- 13952 HIND, R. R. The problem of Philippine sugar. Sugar 40(8): 24-25. Aug. 1945. 65.8 F11
- 13953 INSTITUTO CUBANO DE SUELOS Y ABONO. Derivados de la cachaza: cera. Asoc. de Téc. Azucareros de Cuba. B. Ofic. 4: 60. Apr. 1945. 65.9 As5F



- 13954 JACKSON, R. F., and McDONALD, E. J. Determination of dextrose, levulose, invert sugar, and sucrose-invert sugar mixtures by copper reduction, using citrate-carbonate reagent. Assoc. Off. Agr. Chem. J. 28: 371-385. May 1945. 381 As7
- 13955 KOPKE, E. W. La ingeniería económica beneficiaria a la industria azucarera. Téc. Azucarera 4(35/36): 5-8. Apr./May 1944. 65.8 T22
- Whether modernization of operations would be profitable in the sugar industry in Mexico.
- 13956 LAMBORN, O. H. U. S. A. and the world sugar production; a forecast. So. African Sugar Ybk. (1943/1944) 14: 47, 49, 51, 53. 65.8 So83
- 13957 LAMERS, T. Aperçu historique de la sucrerie de cannes. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 2: 23-27, 48-53. (To be cont.) Jan.-Mar. 1945. 8 R327
- 13958 \*LEFÈVRE, P. M. Açúcares portugueses; contribuição para o seu estudo. Portugal. Dir. Geral dos Serv. Agr. Sér. Invest. 11, 69 p. Lisboa, 1943. 15.5 Ag84I
- 13959 \*MARTHAIRE, M. Alcool industriel; possibilités et incidences économiques d'un accroissement de production. Assoc. des Chim. B. 59: 577-584. July/Aug. 1942. 383 As7
- Economic aspects of manufacturing alcohol from sugar beets.
- 13960 \*NAUDET, L. La diffusion ordinaire ne pourrait-elle donner de meilleurs résultats? Assoc. des Chim. B. 59: 566-576. July/Aug. 1942. 383 As7
- Beet sugar manufacture.
- 13961 NEWMAN, G. A. Barbados trade and industry. Canada. Dept. Trade and Com. Com. Intel. J. 73(2162): 9-11. July 7, 1945. 286.8 C16
- The sugar industry.
- 13962 OAKLEY, M. Report on preservatives and artificial sweeteners. Assoc. Off. Agr. Chem. J. 28: 296-298. May 1945. 381 As7
- Method of analysis.
- 13963 OAKLEY, M. Report on saccharin. Assoc. Off. Agr. Chem. J. 28: 298-301. May 1945. 381 As7
- Method for the determination of saccharin.
- 13964 OREGON BOTERO, R. Fabricación del ácido cítrico de la panela utilizando un hongo (Aspergillus niger). Agr. Trop. 1(2): 51-52. Mar. 1945. 26 Ag8
- 13965 \*PERROT, Usage de la saccharine et du glucose dans la fabrication des compotes et des confitures. Acad. d'Agr. de France. Compt. Rend. 27: 828-831. July 16, 1941. 14 P215Bc
- 13966 RAMÍREZ, J. C. Evolución de la industria azucarera [Mexico]. Téc. Azucarera 4(35/36): 1-4. Apr./May 1944. 65.8 T22
- 13967 \*SAL'NIKOV, F. Razmeshchenie sveklobriketnykh zavodov v syr'evoy zone. Socialist. Sel'sk. Khoz. 16(3): 34-39. Mar. 1945. 281.8 So73
- Sugar-beet processing in the area of production in U. S. S. R.
- 13968 SULLIVAN, L. Managed economy in action. Nation's Business 33(8): 31-32, 107-108. Aug. 1945. 286.8 N212
- On the sugar shortage.
- 13969 SYMONTOWNE, R. U. S. action perils Cuba sugar future. Bakers' Helper 84(1044): 64. July 28, 1945. 389.8 B17
- 13970 TOGNAZZINI, R. Tognazzini scores sugar program. Sugar J. 8(1): 9-10. June 1945. 65.8 Su391
- 13971 VIEJAS postales descoloridas... Corrección. Asoc. de Tec. Azucareros de Cuba. B. Ofic. 4: 50. Apr. 1945. 65.9 As5B
- Correction of an article which was listed in the July 1945 issue of the Bibliography of Agriculture (item 4645).
- 13972 WARFIELD, J. D., JR. Toll sugar to maintain your chocolate supply. Internatl. Confectioner 55(6): 44. June 1945. 389.8 In214
- 13973 WEAVER, A. D. It's canning time. Nebr. Farmer 87(11): 14. June 2, 1945. 6 N27
- Suggests sugar substitutes.

- 13974 WHYMPER, R. Liquid sugars in food processing. Food in Canada 5(6): 32, 37-38. June 1945. 389.8 F7323
- 13975 \*WILLAIME, G. Quite continue. J. des Fabric. de Sucre 82: 312-315. Nov. 24/Dec. 1, 1941. 66.8 J82
- Sugar manufacture.

## TOBACCO

- 13976 BAIN, H. M. Lancaster County Tobacco Growers' Cooperative Association, clears the first hurdles. News for Farmer Coops. 12(4): 9-10, 16. July 1945. 166.2 N47
- 13977 BECKER, J. A., and others. World's 1945-46 tobacco crop to be smaller. Foreign Crops and Markets 51: 41-45, processed. July 23, 1945. 1.9 St2F
- C. M. Purves, A. H. Lester, H. W. Taylor, F. S. Everts, and M. Ogdon, joint authors.
- 13978 CORNU. Une technique précieuse: la déshydratation. Petit Casablancais 31(1217): 4; (1218): 4. (Cont.) June 16, 23, 1945. 280.8 P44
- Tobacco drying.
- 13979 FERNÁNDEZ, R. J. La tipificación del tabaco como base de su mejor comercialización. Argentina. Sec. de Indus. y Com. B. 1(5): 210-218. Feb. 1945. 280.9 Ar3
- Includes tobacco statistics.
- 13980 GAGE, C. E. Tobacco growers, get ready! Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(8): 8, 41. Aug. 1945. 6 P945K
- Postwar foreign and domestic market.
- 13981 HUNT, R. We must do a better job of curing tobacco. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(8): 5. Aug. 1945. 6 P945K
- 13982 HUNT, R. A. Pruning and curing the burley crop. Ky. Farmer's Home J. 81(8): 6. Aug. 1945. 6 F2237
- 13983 \*JANINI JANINI, R. La Estación de Estudios de Tabaco de Santiponce. Agricultura [Madrid] 14: 180-184. Apr. 1945. 15 Ag84
- 13984 RIVENBURG, R. S. What a soldier saw of Europe's tobacco and its scarce products. Tobacco [New York] 121(4): 55, 85. July 26, 1945. 286.89 T552
- 13985 ROY, J. B. Le tabac et ses caprices. B. des Agr. 41(7): 8-11. July 1945. 7 B872
- The industry in Quebec.
- 13986 ROYT, F. L. Tobacco in Jamaica; war's impacts give rise to varying trade trends. (Digest.) Foreign Com. Weekly 20(2): 11. July 7, 1945. 157.54 F763

## MISCELLANEOUS PRODUCTS

- 13987 ANGLE, P. What a national association can do for the florist industry. Canad. Florist 40: 223-224. July 5, 1945. 80 C163
- Allied Florists and Growers of Canada, Inc.
- 13988 \*ANTALFY, V. S. VON. Die gewürz- u. heilpflanzen. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 78-81. 1942. 18 G31A
- Survey of production in Hungary.
- 13989 \*BENESCH, R. Quelques problèmes de la fabrication du bouillon à base de levure. Assoc. des Chim. B. 59: 624-628. July/Aug. 1942. 383 As7
- 13990 BESEMER, J. M. Recounts FTS's [Florists' Telegraph Delivery Association] history past 25 years. South. Florist and Nurseryman 58(18): 9-10, 14-16. July 27, 1945. 80 So86
- 13991 CHAPMAN, V. J. The kelp trade. Nature [London] 155: 673-674. June 2, 1945. 472 N21
- 13992 COLLINS, F. D., and SHORLAND, F. B. Investigations of methods of preservation of grass. New Zeal. J. Sci. and Technol. Sect. A, Agr. 26: 372-381. Apr. 1945. 514 N48A



- 13993 COOK, L. R. 18 mistakes in the use of lecithin. *Food Indus.* 17: 740-741, 866, 868, 870, 900-901. July-Aug. 1945. 389.8 F737
- 13994 \*DEVOS, P. La récupération des levures en distillerie en vue d'utilisations alimentaires. *Assoc. des Chim. B.* 59: 629-632. July/Aug. 1942. 383 As7
- 13995 FULTON, C. O., and METCALFE, B. Preparation of Irish moss extracts for use as a jelling and stabilizing agent in foods. *Canad. J. Res. Sect. F, Technol.* 23: 273-285. July 1945. 470 C16F
- 13996 \*GASPARRINI, T. Brevi note sull'ammoniaco dell'antica Cirenaica. *Rass. Econ. dell'Africa Ital.* 30: 296-301. June 1942. 261 C71
- 13997 \*GASPARRINI, T. Il silfio, preziosa pianta dell'antica cirenaica. *Rass. Econ. dell'Africa Ital.* 29: 436-443. June 1941. 261 C71
- Includes uses and trade.
- 13998 \*GROSSELD, J., and HESS, H. Über die bestimmung des fettes in nährhefen. *Z. f. Untersuch. der Lebensmtl.* 85: 497-502. June 1943. 384 Z39
- 13999 \*GUILLAUME, A. La culture du lupin peut-elle servir à notre ravitaillement national? *Acad. d'Agr. de France. Compt. Rend.* 28: 388-390. Apr. 15/22, 1942. 14 P215Bc
- Chemical composition and use as food and feed.
- 14000 HILLIG, F. Report on volatile acids in fish products. *Assoc. Off. Agr. Chem. J.* 28: 239-242. May 1945. 381 As7
- The volatile acid method for detecting decomposition.
- 14001 KING, W. H., FLYNN, F. F., and GOWANLOCH, J. N. Experimental studies on decomposition of oysters used for canning. *Assoc. Off. Agr. Chem. J.* 28: 385-398. May 1945. 381 As7
- 14002 LIMITATION of the production of opium; exchange of notes between the Governments of the United States and Turkey. *U. S. Dept. State. B.* 13: 63-69. July 8, 1945. 150 B87
- Includes data on the Turkish opium industry.
- 14003 \*MATAGRIN, A. L'extraction des protéines végétales. *Assoc. des Chim. B.* 59: 585-603. July/Aug. 1942. 383 As7
- 14004 \*PERROT, E. L'agriculture et la disette des plantes médicinales en France: causes et remèdes. *Acad. d'Agr. de France. Compt. Rend.* 28: 182-193. Feb. 4/11, 1942. 14 P215Bc
- 14005 ROGERS, W. S. Strawberry runner supplies and certificates. *Fruit Grower, Fruiterer, Florist & Market Gard.* 99: 430, 434. June 14, 1945. 80 F941
- The position for certified stocks and runner supplies in Great Britain.
- 14006 SNEED, J. F. Prospects for the postwar period. *Amer. Nurseryman* 82(2): 7-8. July 15, 1945. 80 Am371
- The nursery industry.
- 14007 SNOR, J. J. More comments on the bulb industry of British Columbia. *Canad. Florist* 40: 241-242. July 20, 1945. 80 C163
- 14008 U. S. FISH AND WILDLIFE SERVICE. Canned fish & byproducts 1943. *U. S. Fish and Wildlife Serv. Cur. Fishery Statis.*, No. 156, 20 p., processed. Washington, 1944? 156.2 St23
- 14009 W., E. B. Growing flowers for seed. *N. F. U. Rec.* 23: 189. July 1945. 281.8 N21
- Discussion of the industry in Great Britain.
- 14011 BACON, L. Agricultural production and trade in French North Africa. *Foreign Agr.* 9: 98-105. July 1945. 1.9 Ec7For
- 14012 \*BRASSE-BROSSARD, L. Service civique rural. *Rev. des Agr. de France* 74: 211. Nov. 1942. 14 R325
- 14013 BRIERLY, W. B. Malaria and socio-economic conditions in Mississippi. *Social Forces* 23: 451-459. May 1945. 280.8 J823
- 14014 \*CAROSELLI, F. S. Aspetti economici dell'avvaloramento agrario nell'Impero. *Rass. Econ. dell'Africa Ital.* 28: 943-951. Dec. 1940. 261 C71
- Includes the importance of agriculture in East Africa and policy of colonization.
- 14015 CROWLEY, R. F. Economic situation in Cuba -- 1944. *U. S. Bur. Foreign and Dom. Com. Internat. Ref. Serv.*, v. 2, No. 9, 8 p. Washington, 1945. 157.54 In8
- Based on report from U. S. Embassy, Habana, Cuba. Includes the situation in agriculture.
- 14016 DAVIS, J. H. Agriculture and industry. (Sum.) *Coop. Digest* 6(2): 54-55. Aug. 1945. 280.28 C7896
- 14017 EFRÓN, D. Latin American labor comes of age. *Amer. Acad. Polit. and Social Sci. Ann.* 240: 116-130. July 1945. 280.9 Am34
- Economic and agricultural conditions and agricultural labor included.
- 14018 FIGUEROA, I. L. El dilema de la Convención de Guadalajara. *Economista* 13(146): 19-23. July 1945. 280.8 Ec793
- Problem of agricultural policy and land reform.
- 14019 \*FILENI, E. Dieci anni di lavoro... L'Ispektorato Compartimentale Agrario di Roma. *Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr.* 21: 315-354. Mar./June 1941. 16 N92
- The fields of the agency include production plans for agriculture, agricultural credit, and integral land reclamation.
- 14020 HALL BARCELO, R. La economía agrícola en Chile. *Veritas* 15: 289-290. Apr. 1, 1945. 280.8 V58
- 14021 HUDSON, R. S. Business men and agriculture. *Travers' C. (n. s.)*, No. 271, p. 103. June 30, 1945. 286.83 P94
- The relationship between industry and agriculture.
- 14022 KLINGE, G. Política agrícola-alimenticia (Duodécima parte). *Vida Agr.* 22: 331-337. Apr. 1, 1945. 9.8 V66
- Includes agricultural credit for Peru and public works, such as irrigation, for the development of agriculture.
- 14023 \*LEPLAE, E. Les cultures obligatoires éducatives au Congo Belge. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 426-434. 26 In863
- 14024 LOGAN, R. F. Survey of Sakhalin. *Far East. Survey* 14: 209-213. Aug. 1, 1945. 280.9 In782
- Includes soils, Japanese land grants and settlement and major agricultural products.
- 14025 MARSH, L. C. Relief and rehabilitation: the role of UNRRA. *Pub. Aff.* 8: 150-155. Spring 1945. 280.8 P965
- 14026 MOLL, R. Lecciones de economía venezolana. *Venezuela. Min. de Fomento. Rev. de Fomento* 5 (51/52): 127-155; 6(54): 101-166. (Cont.) Apr./Sept. 1943, Jan./Mar. 1944. 280.8 V552
- Also in Caracas. *Cam. de Com. B. (ser. 2)* 34: 9614-9622. Apr. 1945. 287 C173
- Includes settlement.
- 14027 NAJERA, E. G. Un plan general de siembras de maíz y método de ejecución para el sector ejidal. *Agr. Mex.* 7: 113-134. Apr./June 1945. 280.8 M57
- Economic elements in the program such as estimation of requirements, distribution of labor, distribution of the crop, organization for production, and credit.
- 14028 \*ORSINI, P. D'A. Caratteri geofisici, geopolitici interni e geoeconomici dell'Africa Orientale Italiana. *Rass. Econ. dell'Africa Ital.* 28: 785-805. Oct. 1940. 261 C71
- Includes the native agricultural economy.

#### AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

##### GENERAL

- 14010 \*ARMATURE technique agricole en Indochine: enseignement, vulgarisation, prix de revient, qualité. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 785-801. 26 In863



- 14029 \*PACYNA, G. Bauerntum im Übergang.  
Deut. Agrarpolitik 2: 39-43. Nov. 1943. 281.8 D48  
German reconstruction of the eastern territories.  
14030 \*TALLARICO, G. L'economia dell'Africa Italiana nel secondo anno di guerra. Rass. Econ. dell'Africa Ital. 30: 210-222. May 1942. 261 C71  
Includes the situation for agriculture and colonization.

#### AGRICULTURAL FINANCE

- 14031 FILLEY, H. C. Bonds for farmers; they are safe, profitable, the least help civilians can make to war effort. Nebr. Farmer 87(10): 4. May 19, 1945. 6 N27

#### Credit

- 14032 ARNOLD, C. R. School is never out. News for Farmer Coops. 12(4): 6, 20-21. July 1945. 166.2 N47

On the production credit association personnel training program developed by the Production Credit Division of the U. S. Farm Credit Administration.

- 14033 BAILEY, G. W. Seven lines of activity for cooperation with the farmer. South. Banker 85 (1): 25-26, 66. July 1945. 284.8 So8

Program for country bankers.

- 14034 BROADBANK, W. Royal Commission on Personal Covenant. West Austral. Wheatgrower 14(45): 4. Mar. 1, 1945. 23 W523

Evidence placed before the Commission on Personal Covenant in mortgages on land.

- 14035 BUNBURY, E. The Agricultural Mortgage Corporation, Gt. Britain. N. F. U. Rec. 23: 190-192. July 1945. 281.8 N21

- 14036 CARVALHO, M. O. DE. El Banco del Brasil y la economia brasileña. Veritas 15: 251-255. Apr. 1, 1945. 280.8 V58

Includes agricultural credit.

- 14037 FERNÁNDEZ Y FERNÁNDEZ, R. Banco Nacional de Crédito Agrícola, S. A.; las operaciones en el ejercicio de 1944. Mex. Dir. de Econ. Rural. B. Mens., No. 227, p. 239-242. Apr. 1945. 254.5 Ag83

- 14038 \*GARNIER, P. L'évolution du crédit agricole. Acad. d'Agr. de France. Compt. Rend. 28: 404-408. Apr. 29/May 6, 1942. 14 P215Bc

- 14039 GUEVARA C., E. La Caja de Crédito Agrario [Colombia]. Vida Rural 6(71): 24. (Cont.) June 1945. 9.4 V66

- 14040 HART, V. B. Farm credit files. Banking 38(1): 59. July 1945. 284.8 Am3

- 14041 \*HEINRICH, H. Der abschluss der landwirtschaftlichen entschuldung. Deut. Agrarpolitik 2: 55-58. Nov. 1943. 281.8 D48

- 14042 LIRA LÓPEZ, S. Banco Nacional de Crédito Ejidal; política de cooperativas agrícolas. Mex. Dir. de Econ. Rural. B. Mens., No. 227, p. 242-245. (To be cont.) Apr. 1945. 254.5 Ag83

- 14043 LOVE, H. M. Farms at half price. Farm J. 69(8): 14-15. Aug. 1945. 6 F2212

Advantages of paying off farm mortgage debts.

- 14044 MUENZNER, G. Jewish labour finances. Palestine and Middle East 17: 90-92. May 1945. 286.8 P172

Includes agricultural credit.

- 14045 MAJERA, E. G. Capital privado para la esfera ejidal a través de nuestra institución oficial. Mex. Agr. 7: 79-111. Apr./June 1945. 280.8 M57

- 14046 TERAN GÓMEZ, L. La función económico-social del Banco de Bolivia. Veritas 15: 246-248. Apr. 1, 1945. 280.8 V58

Includes rural credit.

- 14047 WALL, N. J., BAUER, W., and ZAGLITS, O. Agricultural credit statistics and the FAO. United Nations Interim Comm. Food and Agr. Subcom. Statis. Doc. 6, 9 p., processed. Washington, D. C., 1944. 284.2 W15A

#### Income

- 14048 MOSHER, M. L. Farm earnings in 1944 and twelve-year livestock returns. Ill. Farm Econ., Nov. 120/121, p. 217-222. May/June 1945. 275.28 IL5  
14049 PAWLEY, W. H. Income levels of Australian farmers. I-II. Rev. Mktg. Agr. Econ. (n. s.) 13: 84-88, 112-115, processed. Apr.-May 1945. 286.8 N47M

#### Insurance

- 14050 \*BECKERICH, A. L'assurance-invalidité des salariés de l'agriculture. Rev. des Agr. de France 73: 70-71. Mar. 1941. 14 R325

- 14051 GREEN, R. L. Wheat insurance; new law more favorable to growers. Nebr. Farmer 87(13): 4. July 7, 1945. 6 N27

Provisions of the Crop Insurance Act of 1945.

- 14052 MCINTYRE, E. R. Putting a floor under wheat yields. Farm and Ranch 64(8): 10. Aug. 1945. 6 T31

The wheat insurance program of the Federal Crop Insurance Corporation.

- 14053 MCMILLAN, R. B. Crop insurance. Rev. Mktg. Agr. Econ. (n. s.) 13: 62-66, processed. Mar. 1945. 286.8 N47M

Insurance in Australia and the United States.

- 14054 \*TOUSSAINT. L'évolution de la mutualité agricole corporative. Acad. d'Agr. de France. Compt. Rend. 30: 178-181. 1944. 14 P215Bc

- 14055 WILSON, A. An outline of drought insurance. West Austral. Wheatgrower 14(43): 3. Feb. 15, 1945. 23 W523

#### Taxation

- 14056 \*BECKERICH, A. Quelques précisions touchant les obligations des agriculteurs au regard de l'impôt sur les salaires de leurs ouvriers. Rev. des Agr. de France 73: 355-357. Dec. 1941. 14 R325

- 14057 BELLEFEUILLE, R. DE. L'enquête sur les coopératives. Terre de Chez Nous 17(40, 1. e. 41): 17. July 18, 1945. 7 T27

The question of taxing Canadian cooperatives.

- 14058 \*CORBIÈRE, H. Révisions foncières. Acad. d'Agr. de France. Compt. Rend. 28: 65-67. Jan. 7/14, 1942. 14 P215Bc

Injustice to farms of method of assessing improved properties for the ten-year revision.

- 14059 EMANUEL, V. Facts do not support NTEA charges. Natl. Live Stock Prod. 23(10): 9. July/Aug. 1945. 280.38 N21

Defense of farm cooperatives against the National Tax Equality Association.

- 14060 JESNESS, O. B., and KOLLER, E. F. Co-operatives and income taxes. Calif. Cult. 92: 361, 370-371, 379. July 7, 1945. 6 C12

- 14061 \*IACLAUTRE. Impôt sur les bénéfices de l'exploitation agricole. Rev. des Agr. de France 74: 77-78. Mar. 1942. 14 R325

- 14062 STANLEY, C. W. Land taxation in Denmark; an interesting comparison. Estate Mag. 45: 179-181. July 1945. 10 Es8

Comparison of taxation in Great Britain and Denmark.

#### AGRICULTURAL LABOR AND WAGES

- 14063 \*BARTOLOMEI, A. La difesa sociale del lavoratore nell'agricoltura tropicale. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 24-31. 26 In863

- 14064 \*BECKERICH, A. Comment sont fixés les salaires en agriculture. Rev. des Agr. de France 73: 170-172. June 1941. 14 R325

- 14065 \*BECKERICH, A. La main-d'oeuvre étrangère dans l'agriculture française en 1941. Acad. d'Agr. de France. Compt. Rend. 28: 357-363. Mar. 18/25, 1942. 14 P215Bc

- 14066 \*BRÉTIGNIÈRE, L. Les conditions de travail en agriculture. Acad. d'Agr. de France. Compt. Rend. 30: 114-116. Feb. 23/Mar. 1, 1944. 14 B215Bc



- 14067 \*CAVENNE, P. Rattachement des salaires à la production des exploitations. (Note présentée par M. Brétignière.) Acad. d'Agr. de France. Compt. Rend. 30: 116-117. Feb. 23/Mar. 1, 1944. 14 P215Bc  
Discussion, p. 117-118.
- 14068 CAVINA, R. A mão de obra rural. Soc. Bras. de Agron. B. 7: 191-194. Sept. 1944. 9.2 Sol3
- 14069 CLARK, I. G. Responsibility for the V. F. V. program in 1945. N. Mex. Agr. Col. Ext. News 25(7): 3. July 1945. 275.29 N463Ex  
Responsibilities of the New Mexico Extension Service in the recruiting, handling, and training of Victory Farm Volunteers.
- 14070 COLLINSON, H. Five-day week for poultry workers. Mod. Poultry Keeping 52: 441. June 20, 1945. 47.8 Eg3
- 14071 \*DUPUY DE LOME, C. Situación del paro obrero en la Provincia de Valencia; sus causas, repercusiones y posible remedio, así como los problemas de orden técnico y económico que plantea. Agr. Levantino 10(116): 2-5. July 1944. 15 Ag85  
Includes unemployment in agriculture.
- 14072 FOUNTAIN, C. W. Labor in the community. Antioch Rev. 5: 285-297. Summer 1945. 280.8 An82  
Includes discussion of the relation of farmers to labor.
- 14073 \*GERVAIS, P. Situation d'un domaine bordelais 1840-1940; observations complémentaires. Acad. d'Agr. de France. Compt. Rend. 27: 346-348. Mar. 19/26, 1941. 14 P215Bc  
Deals with wage trends during the period.
- 14074 \*GUILLEBON, G. DE. Vers plus de justice. Rev. des Agr. de France 73: 99. Apr. 1941. 14 R325  
Need for increased wages for the agricultural worker.
- 14075 HAYS, J. G. Good relations with workers an important aid to sugar beet yields. Sugar Beet J. 10: 108. July/Aug. 1945. 66.8 Su38
- 14076 \*LEVENSON, L. G. Uchastieto na zhenata v zemedelsko-stopanskata rabota [Women in agricultural work]. Spis. Zembl. Izp. Inst. B'lgariya (Rev. Insts. de Rech. Agron. en Bulgarie) 11: 97-106. Jan./Mar. 1941. 106.3 R32  
Has German summary, p. 104-106.
- 14077 \*LIERMAN, La rémunération scientifique du travail humain en agriculture. Acad. d'Agr. de France. Compt. Rend. 30: 210-212. 1944. 14 P215Bc
- 14078 MONTGOMERY, G. A. They licked help shortage; modernization of the pioneer custom of helping one another ends labor difficulties for farmers in Wisconsin community. Capper's Farmer 56(8): 10. 31. Aug. 1945. 6 M693
- 14079 \*MUSILLO, G. Tutela sociale del lavoro agricolo e sistema contributivo. Mutual. Rurale Fascista 7: 102-116. Mar./Apr. 1943. 448.8 M98
- 14080 NEATBY, K. W. Minimum wages. Seedtime & Harvest, No. 124, 1 p. n. p., 1945. 7 Se3  
Low salaries for professional agriculturists in Canada.
- 14081 OBANDO, N. La producción agrícola y la escasez de brazos. Agr. Trop. 1(1): 57-58. Feb. 1945. 26 Ag8  
Colombia.
- 14082 \*PRINZI, D. Aspetti e problemi degli ordinamenti del lavoro indigeno nelle colonie. Rass. Econ. dell'Africa Ital. 30: 323-340. July 1942. 261 C71  
Native labor for Italian settlements in Africa.
- 14083 \*PRINZI, D. I contratti di lavoro nella colonizzazione demografica della Libia. Rass. Econ. dell'Africa Ital. 29: 753-771. Dec. 1941. 261 C71
- 14084 PROULX, J. R. L'agriculture et l'emploi integral. Terre de Chez Nous 17(39): 12. July 4, 1945. 7 T27
- 14085 TAYLOR, A. Human rights in California. Asia and Americas 45: 388-391. Aug. 1945. 286.8 Am31  
Touches upon Japanese agricultural labor.
- 14086 THOMPSON, L. A. Local industries slow migration. Commonwealth 12(5): 10-11, 21. May 1945. 280.8 C732  
Includes discussion on the need for developing opportunities of employment for the population in agricultural areas in Virginia.
- 14087 TITUS, H. Rural jobs for veterans. Country Gent. 115(6): 11, 42-44. Aug. 1945. 6 C833
- 14088 YOUNG, H. N. Wasted work on Southern farms. South. Planter 106(7): 6-7. July 1945. 6 So89
- 14089 ZUROSKE, C. H. Save time and boost dairy profits; reducing hours to do chores is requirement for success. Washcoegg 23(2): 8-9. July 1945. 47.8 W27

# AGRICULTURE - SITUATION, POLICIES, AND PROGRAMS

- 14090 ADÁN SUAZO, J. Tutule, de montañas aromadas con la bella flor del café. Honduras Agr. 1(9): 9. July 1, 1945. 8 H753  
Agricultural problems.
- 14091 ADDISON, VISCOUNT. Labour's record and policy on agriculture. Land Worker 26(314): 1. July 1945. 283.8 L22  
The British Labour Party.
- 14092 \*ALVES, B. Organização dos serviços de agricultura; seu aspecto em Angola. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 36-40. 26 In863
- 14093 ANDERSON, C. P. Secretary Anderson tells duty of the farmers. Flour & Feed 46(3): 8. Aug. 1945. 298.8 F66  
Interview with E. Mitchell.
- 14094 \*BADÍA, V. Perspectivas de la agricultura valenciana al terminar el mes de julio. Agr. Levantino 10(116): 10-11. July 1944. 15 Ag85
- 14095 \*BÁNFY, D. VON. Die landwirtschaft Ungarns an der Schwelle einer neuen epoche. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 11-13. 1942. 18 G31A
- 14096 BASTITTA GIMÉNEZ, F. El campo en el panorama social-económico argentino; producción agropecuaria e industria. Buenos Aires y La Pampa, No. 79, p. 44, 5. Apr. 1945. 9 B868
- 14097 BEATTIE, T. E. Observations on southern Italy. Agr. Hist. 19: 120-126. Apr. 1945. 30.98 Ag8  
Agriculture included.
- 14098 \*BECKERICH, La définition officielle des professions agricoles. Acad. d'Agr. de France. Compt. Rend. 26: 761-774. Oct. 2/16, 1940. 14 P215Bc  
Discussion by H. Girard and others, p. 774-778.
- 14099 BECKMAN, H. J. Facing the facts about agriculture. Calif. Cult. 92: 409, 423. Aug. 4, 1945. 6 C12
- 14100 \*BECQUET, A. L'organisation du service de l'agriculture au Congo Belge. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 32-35. 26 In863  
On the Service de l'Agriculture et de la Colonisation du Congo Belge.
- 14101 \*BERTHAULT, P. L'état et l'orientation actuels de l'agriculture algérienne. Acad. d'Agr. de France. Compt. Rend. 28: 390-393. Apr. 15/22, 1942. 14 P215Bc
- 14102 BLANK, R. J. Practical planning for the development of community resources. Rollins Col. Ann. Econ. Conf. (1945) 10: 64-72, processed. 280.9 B65  
Includes agricultural planning in Palm Beach County, Fla.
- 14103 \*BOLOGNA, L. M. L'agricoltura degli indigeni e i mezzi per farla progredire in Eritrea. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 63-77. 26 In863
- 14104 \*BOLOGNA, L. M. Aspetti agrari dell'Aussa [Eritrea]. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 78-90. 26 In863



- 14105 \*BRAIBANT, M. Die französische landwirtschaft und das neue Europa. Internatl. Agrar-Rundschau, No. 1, p. 5-10. Jan. 1943. 28 In89
- 14106 BRAMLEY, P. Overseas agriculture as seen by a soldier-farmer; returned prisoner-of-war's experiences and observations in Italy, Germany and England. Farmer's Weekly [Bloemfontein] 69: 552-553. May 30, 1945. 24 P225
- 14107 \*BRÉTIGNIÈRE. Les besoins du pays et l'aménagement du territoire. Acad. d'Agr. de France. Compt. Rend. 28: 658-663. Dec. 9/23, 1942. 14 P215Bc
- Problems of agriculture.
- 14108 \*BRÉTIGNIÈRE. Observations sur la situation présente de l'agriculture; ce que l'on pourrait faire. Acad. d'Agr. de France. Compt. Rend. 27: 133-143. Jan. 22/29, 1941. 14 P215Bc
- 14109 \*BRÉTIGNIÈRE. La production agricole et les agriculteurs. Acad. d'Agr. de France. Compt. Rend. 27: 533-541. May 7/14, 1941. 14 P215Bc
- Problems of agriculture.
- 14110 \*BUZI, V. C. La Somalia ex Britannica. Rass. Econ. dell'Africa Ital. 28: 627-632. Aug. 1940 261 C71
- Includes description of agriculture.
- 14111 CALAC, E. La verdadera situación del productor rural argentino. Buenos Aires y La Pampa, No. 79, p. 52-53. Apr. 1945. 9 B868
- 14112 \*CAPUS, J. Le régime corporatif dans l'Europe moderne; aperçus sur la corporation agricole en France. Acad. d'Agr. de France. Compt. Rend. 26: 952-981. Nov. 27/Dec. 4, 1940. 14 P215Bc
- 14113 \*CHEVALIER, A. Situation de l'agriculture dans notre empire d'outre-mer; recherches et études actuelles dans plusieurs de nos colonies relatives à des questions agricoles; les organisations projetées. Acad. d'Agr. de France. Compt. Rend. 28: 347-349. Mar. 18/25, 1942. 14 P215Bc
- 14114 \*CHINI, R. Aspetti agricoli della zona centrale e meridionale del territorio dei Beni Sciangul. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 135-142. 26 In863
- 14115 \*CHIUDERI, A. L'agricoltura indigena nei Galla e Sidama ed i mezzi per farla progredire. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 143-151. 26 In863
- 14116 CIRANNA, C. El problema agrario argentino. Mendoza (Prov.). Dir. de Indus. y Fomento Agr. B. Agr. 12: 377-390. Oct./Dec. 1944. 9 M52B
- A study of various agricultural problems.
- 14117 COFFEY, F. A. Perspectivas agrícolas en el Paraguay, período 1944-45. Paraguay. Min. de Agr. Rev., No. 8, p. 25-32. Apr. 1945. 9.7 A8Re
- 14118 COMMITTEE ON WARTIME AGRICULTURAL PRODUCTION IN OHIO. Estimated agricultural production in Ohio in 1946 (under assumed conditions). Ohio. State U. Dept. Rural Econ. and Rural Sociol. Mimeog. B. 186, 17 p. Columbus, 1945. 281.9 Oh32
- Ohio Agricultural Experiment Station cooperating.
- 14119 CRAM, J. S. A glimpse of Stormont; besides a wealth of tradition, this little-publicized county possesses many fine dairy herds and up-and-coming young farmers. Family Herald and Weekly Star 76(29): 3, 4. July 18, 1945. 7 F21
- 14120 \*DÉVELOPPEMENT des cultures en Afrique Équatoriale Française. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 779-784. 26 In863
- 14121 \*DUARTE, V. C. A agricultura indigena e os seus metodos de progresso em Timor. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 247-257. 26 In863
- 14122 DU FRANE, B. Lake in the clouds. Agr. in the Americas 5: 126-128. July 1945. 1 F752A
- Includes the agriculture of the Lake Titicaca Basin of Bolivia and Peru.
- 14123 EASTERBROOK, L. F. They [British farmers] can't let up even yet! Family Herald and Weekly Star 76(26): 3, 4. June 27, 1945. 7 F21
- The wartime agricultural effort.
- 14124 \*ERCOLANI, V. L'agricoltura indigena della Provincia di Misurata e mezzi per farla progredire. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 264-272. 26 In863
- 14125 EZEKIEL, M. Agricultural revolution faced by Southern States, believes Mordecai Ezekiel, noted economist, in Atlanta; generally expanded livestock farming in South included in the U. S. D. A. economist's blueprint for full employment for half of Nation's farm population. Southeast. Cattleman 5(2): 5, 14. Aug. 1945. 43.8 F66A
- 14126 F., J. G. Alamein to Trieste. New Zeal. Farmer Weekly 66(6): 4. May 17, 1945. 23 N484
- Italian and Egyptian agriculture.
- 14127 \*FEDERICO, S. Studi sulla trasformazione fondiaria della Vallata del Pescara. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 21: 100-138. Mar./June 1941. 16 N92
- Includes present agriculture and a program for the reclamation and development of the region.
- 14128 \*FLAMIGNI, A. Aperçu sur l'état actuel de l'agriculture au Mayumbe. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 273-281. 26 In863
- 14129 FLOOD, F. Europe's farmers come back. Country Gent. 115(8): 12, 49-50. Aug. 1945. 6 C833
- Situation and outlook of European agriculture.
- 14130 FLOOD, F. A. European farm production. Mont. Farmer 32(22): 8. July 15, 1945. 6 M764
- 14131 \*FOLCO, A. L'agricoltura mussulmana nella Provincia di Bengasi. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 282-287. 26 In863
- 14132 \*FRANCOLINI, B. Tunisia economica. Rass. Econ. dell'Africa Ital. 28: 952-971. Dec. 1940. 261 C71
- Agriculture and agricultural products are discussed, p. 957-963.
- 14133 \*GADDINI, L. Aspetti dell'agricoltura mussulmana nella Provincia di Derna. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 288-295. 26 In863
- 14134 \*GERDESMANN, H. Die mobilisierung des europäischen agrarpotentials. Internatl. Agrar-Rundschau, No. 4, p. 197-201. June 1943. 28 In89
- Includes marketing regulation.
- 14135 \*GIGLIOLI, G. E. Forme di intervento verso l'agricoltura indigena nel Sud Africa. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 304-308. 26 In863
- 14136 \*GRAND, R. Ne pas confondre étatisation et corporation. Rev. des Agr. de France 74: 149. July 1942. 14 R325
- 14137 \*GRAND, R. Le nouveau régime corporatif de la Belgique. Acad. d'Agr. de France. Compt. Rend. 27: 231-236. Feb. 19/26, 1941. 14 P215Bc
- Corporate organization of agriculture.
- 14138 \*GRAND, R. Le régime corporatif en agriculture. Acad. d'Agr. de France. Compt. Rend. 26: 929-951. Nov. 27/Dec. 4, 1940. 14 P215Bc
- This study, revised and developed, was published in Rev. des Agr. de France 73: 7-13. Jan. 1941. 14 R325
- 14139 \*GRILLO, F. M. L'indigène et l'agriculture africaine. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 309-316. 26 In863
- 14140 GUSLER, G. War governs farm outlook; be ready for quick adjustments. Nebr. Farmer 87(2): 4, 35-36. Jan. 20, 1945. 6 N27
- 14141 HADGIALY, M. Algunos problemas venezolanos. Veritas 15: 391-392. Apr. 1, 1945. 280.8 V58
- Mention of agricultural problems.
- 14142 HERMAN, L. M. In the Uzbek Republic of the U. S. S. R. Foreign Com. Weekly 20(3): 10-13, 17, 45. July 14, 1945. 157.54 F763
- Includes discussion of agriculture, particularly of the cotton industry.



- 14143 HORTON, D. C., and SHEPARD, E. F. Federal aid to agriculture since World War I. *Agr. Hist.* 19: 114-120. Apr. 1945. 30.98 Ag8
- 14144 HUDSON, R. S. Mr. Hudson replies to economists. *Farmer & Stock-Breeder* 59: 927. June 12, 1945. 10 F228
- Agricultural policy for Great Britain.
- 14145 HUDSON, R. S. Should economic theory influence public policy? Not in respect to agriculture, contends Mr. R. S. Hudson. *Farmers' Gaz.* [Dublin] 103: 346. June 16, 1945. 10 F221
- Refers to British agriculture.
- 14146 INDIANA. STATE CHAMBER OF COMMERCE. Agriculture; Indiana's largest industry. *Ind. State Chamber Com. Agr. Dept. Booklet* 1, 28 p. Indianapolis, 1945. 281.9 In26
- 14147 \*ISFETTORATO FASCISTA PER LA PRODUZIONE E PER IL LAVORO DELL'A. O. I. Lavoro e agricoltura sul piano dell'Impero. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 369-391. 26 In86
- 14148 \*JORET, G., and MALTERRE, H. La campagne agricole 1940-41 en Picardie. *Acad. d'Agr. de France. Compt. Rend.* 27: 870-874. Oct. 8, 1941. 14 P215Bc
- 14149 KEARNS-PRESTON, D. A. India's economy - now and tomorrow. *Foreign Com. Weekly* 20(4): 5-9. July 21, 1945. 157.54 F763
- Includes agricultural developments.
- 14150 KIRCHER, W. H. England's agriculture in wartime. *Farmer* [St. Paul], Gen. Ed. 63(3): 1, 6. July 7, 1945. 6 F2211
- Second of a series of articles.
- 14151 KIRCHER, W. H. England's agriculture in wartime; livestock production has not been cut as much as was to be expected and the dairyman has fared best of all. *Farmer* [St. Paul], Gen. Ed. 63(14): 7, 12-13. July 21, 1945. 6 F2211
- Third in a series of articles.
- 14152 LANE, C. India in this era of transition. *Foreign Com. Weekly* 20(4): 3-4, 9. July 21, 1945. 157.54 F763
- Brief mention of agricultural problems.
- 14153 LEE, A. Reconocimiento de los recursos y posibilidades agrícolas de la República Dominicana. *Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr.* 36(158): 7-10. (Cont.) Jan./Feb. 1945. 8 R323
- 14154 LEÓN, R. El problema agrícola nacional. *B. de Inform. Agr. del Gobierno Prov. de Las Villas* 17(128): 18-19. Apr./June 1945. 8 Sa53
- Cuba.
- 14155 LLOYD, E. W. The future of agriculture. *Field* 185: 551. June 2, 1945. 10 F45
- 14156 LLOYD, E. W. Maintaining our food supplies. *Field* 185: 654. June 30, 1945. 10 F45
- Agricultural problems and policy in Great Britain.
- 14157 \*MAINARDI, G. L'economia agricola-pastorale della Somalia. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 446-456. 26 In863
- 14158 \*MANETTI, C. Organizzazione dei servizi dell'agricoltura e dei servizi veterinari nei possedimenti africani d'Italia. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 457-466. 26 In863
- 14159 \*MARASSI, A. Il problema dell'oasi e della sorgente di Taouga e le prospettive per la sua soluzione. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 486-496. 26 In863
- Various agricultural problems of the area.
- 14160 \*MARCHETTI, M. Il Sidamo dal punto di vista agricolo. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 497-504. 26 In863
- 14161 \*MARIOTTINI, M. Note agrologiche sul territorio del Commissariato dell'Uollega. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 505-512. 26 In863
- 14162 \*MAUGINI, A. Organizzazione agricola europea e agricoltura indigena nei paesi tropicali e subtropicali. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 1: 61-73. 26 In862
- Also in French, p. 74-86, with title: Colonisation agricole européenne et agriculture indigène dans les pays tropicaux et subtropicaux.
- 14163 MIATELLO, H. La agricultura en Santiago del Estero [Argentina]. *Chacra* 15(175): 10. May 1945. 9 C34
- 14164 \*MICHIeli, R. DE. Cenni sull'economia agraria del Sahara Libico. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 201-212. 26 In863
- 14165 MILBURN, V. S. A place in the sun for [Canadian] agriculture. *Rural Co-op.* 9(14): 4. Mar. 27, 1945. 280.28 R88
- 14166 MOREIRA, M. En la zona de Laboulaye; perspectivas agropecuarias de hoy y mañana. *Rev. Mens. B. A. P.* 28(330): 7-9, 11-12. May 1945. 9 R326
- 14167 MULLETT, H. A. Wartime agriculture in Victoria. *Victoria. Dept. Agr. J.* 43: 189-194. May 1945. 23 V66J
- 14168 OLLEA, D. E. Más alimentos debemos producir en las chacras para acudir en ayuda de millones de hambrientos en Europa; hay una necesidad apremiante de intensificar la agricultura y ganadería para ese fin. *Gac. Algodonera* 22(255): 1-2. Apr. 30, 1945. 72.8 G11
- Argentina.
- 14169 \*ORGANISATION agricole de l'Afrique Equatoriale Française. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 769-773. 26 In863
- 14170 ORTIZ, N. C. Brazil in 1944. *Foreign Com. Weekly* 20(1): 11-13, 46. June 30, 1945. 157.54 F763
- Includes the situation in agriculture.
- 14171 \*PIANI, G. L'agricoltura indigena nel governo del Harar e i mezzi per farla progredire. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 583-592. 26 In863
- 14172 \*PIETTRE, M. Organisation de la production agricole au cours de la crise actuelle; restauration du cheptel national. *Acad. d'Agr. de France. Compt. Rend.* 26: 668-684. Sept. 18, 1940. 14 P215Bc
- 14173 PINEIRO, A. C. Nuestra legislación rural. *Buenos Aires y La Pampa, No.* 79, p. 34-36. Apr. 1945. 9 B868
- 14174 PUAUX, G. M. Gabriel Puaux fait un sombre exposé de la situation économique du Maroc. *Inform. Maroc. (n. s.)* 14(280/281): 1-2. May 26, 1945. 281.8 In3
- The agricultural situation.
- 14175 RANGER, L. Le problème agricole ontarien. *Terre de Chez Nous* 17(37): 15. June 20, 1945. 7 T27
- 14176 REYNOLDS, L. Remodeling Bolivia; hope to end dependence on tin - ambitious farm development plan started. *Bolivia* 11(23): 8-10, 22. May/June 1945. 286.8 B633
- 14177 \*RICSÓY-UHLARIK, V. B. VON. Allgemeine charakterzüge der ungarischen landwirtschaft. *Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft* 156, p. 19-27. 1942. 18 G31A
- 14178 \*ROCHIRA, A. Il Cercher dal punto di vista agricolo. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 626-631. 26 In863
- 14179 SALDÍAS, M. O. La evolución de la chacra es una necesidad. *Chacra* 15(176): 20-21. June 1945. 9 C34
- Outlines a program for the development of agriculture in Entre Ríos.
- 14180 \*SANGLE, R. Les dommages de guerre immobiliers. Comment utiliser les décrets. *Rev. des Agr. de France* 72: 198-200. Nov. 1940. 14 R325
- 14181 SEVERSON, H. Blueprints for a better county. *South. Agr.* 75(8): 6, 20-21. Aug. 1945. 6 So83
- Program for agricultural improvement in Putnam County, Tenn.



- 14182 SHEFRIN, F. Administration of Canadian wartime agricultural policies. *J. Land and Pub. Util. Econ.* 21: 167-180. May 1945. 282.8 J82
- 14183 SINCLAIR, R. D. Agriculture and human welfare. *C. S. T. A. Rev.*, No. 45, p. 5-8, 10-12, 14-15. June 1945. 7 C167C
- 14184 SINGH, SIR J. Progress of agricultural development. *Indian Inform.* 16: 562-566. May 1, 1945. 280.8 In25
- 14185 SMITH, S. [San Antonio, Chamber of Commerce farm and ranch program to assist area-wide development. *Tex. Livestock J.* 4(6): 33, 35-36. June 15, 1945. 49 T29
- 14186 STOCKDALE, SIR F. Lines of progress in the British West Indies. *Crown Colonist* 15: 453-454. July 1945. 280.8 C88
- Agricultural policy.
- 14187 \*SUCKERT, E. Il Caffa dal punto di vista agricolo. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 697-703. 26 In863
- 14188 \*SZABÓ, M. Massnahmen zum ausbau der ungarischen landwirtschaft im rahmen der europäischen zusammenarbeit. *Internatl. Agrar-Rundschau*, No. 2, p. 69-81. Feb. 1943. 28 In89
- 14189 THREE [British] parties define their farm policies. *Farmer & Stock-Breeder* 59: 965-967. June 19, 1945. 10 F228
- The National policy determined to maintain prosperity, by R. S. Hudson, p. 965; The Liberal policy: more capital an urgent need, by W. Roberts, p. 966; The Labour policy: price stability of a guaranteed market, by T. Williams, p. 967.
- 14190 \*TRIGONA, G. L'agricoltura mussulmana in Provincia di Tripoli ed i provvedimenti governativi in suo favore. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 704-720. 26 In863
- 14191 TURNER, J. Agriculture - the keystone to the new Britain. *N. F. U. Rec.* 23: 188. July 1945. 281.8 N21
- 14192 URRUELA, R. J. Venezuela looms big in tomorrow's America. *New Orleans Port Rec.* 3(11): 13-15. July 1945. 286.8 N472
- Description of agricultural conditions and opportunities included.
- 14193 \*VERDECCHIA, G. L'agricoltura indigena nello Scioa. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 741-755. 26 In863
- 14194 \*WARREN, E. DE. Studio dei problemi agrari dei paesi caldi: integrazione di questi problemi nel quadro di una politica agraria mondiale. La capacità produttiva dei paesi caldi e la domanda dei loro prodotti nel mondo. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 1: 115-128. 26 In862
- Also in French, p. 129-143.
- 14195 WERTZ, V. R. Farmers have stake in prosperity. *Ohio Farmer* 196(3): 5. Aug. 4, 1945. 6 Oh3
- 14196 YOUNG, W. The Union delegates' Dominion tour. *Scot. Farmer* 53: 730, 746, 766, 786, 806. (Cont.) June 23-July 21, 1945. 10 Sco8
- Includes agricultural conditions in Australia and New Zealand.
- Agriculture, Postwar
- 14197 BAUMER, W. La agricultura argentina en la postguerra. *Buenos Aires y La Pampa*, No. 79, p. 18-19. Apr. 1945. 9 B868
- 14198 FALCONER, J. I. The responsibilities of management, labor and agriculture in the postwar period. *Ohio Veg. and Potato Growers Assoc. Proc.* (1945) 30: 32-34. 75.9 Oh3
- 14199 FERRERO, R. A. Algunos problemas agrícolas de post-guerra. *Vida Agr.* 22: 315-323, 325, 327, 329. Apr. 1, 1945. 9.8 V66
- Similar title in *U. Catól. del Perú. Rev.* 13: 21-40. Apr. 1945. 280.8 P432

- 14200 HALL, H. [Cooper,] County postwar agricultural program includes all phases of rural life. *Boonville Advertiser* 106(30): 14, 70-72. July 1945. 281.28 B64
- 14201 HENRY, J. A. Some aspects of South Africa's post-war economic structure. *Inst. Bankers So. Africa. J.* 42: 66-73. June 1945. 284.9 In73
- Discusses possibilities of agriculture's filling the place of gold mining in the national economy.
- 14202 JESNESS, O. B. Post-war agricultural prospects. *C. S. T. A. Rev.*, No. 45, p. 16-18, 20. June 1945. 7 C167C
- 14203 MILLER, F. Post-war food needs. *Nebr. Farmer* 87(8): 4, 21. Apr. 21, 1945. 6 N27
- Agricultural production.
- 14204 RANSOM, E. Post-war reconstruction. *Tasmanian Farmer* 8(7): 1. Apr. 1945. 23 T186
- Lists an 8-point program.
- 14205 SCHULTZ, T. W. Postwar agricultural policy; a review of the Land-Grant Colleges Report. *J. Land and Pub. Util. Econ.* 21: 95-107. May 1945. 282.8 J82

#### Subsidies

- 14206 FADDEN, A. W. Helping to subsidise rival fibres; Government policy deals blow to great industry [Australian wool]. *Farmer and Settler* 40(16): 17. May 18, 1945. 23 F226
- 14207 MORAZAIN, J. G. Government subsidises Canadian flax producers. *Linen Trade C.* 31(3686): 1. June 23, 1945. 304.8 L64

#### COST AND STANDARD OF LIVING

- 14208 ESCUDERO, P., and ROTHMAN, B. El costo de la alimentación de la familia media en Buenos Aires. *Asoc. Argentina de Dietologia. Rev.* 3(9): 3-13. Jan./Mar. 1945. 389.9 As5
- 14209 MIKESSELL, R. F. Financial problems of the Middle East. *J. Polit. Econ.* 53: 164-176. June 1945. 280.8 J82
- Includes factors that affect the cost of living with references to price control and rationing.

#### FARM MANAGEMENT AND LAND ECONOMICS

- 14210 ANDERSON, W. A. Youth in low-income farming areas; they tend to remain in places of limited agricultural possibilities. *Farm Res.* [N. Y. State Sta.] 11(3): 6-7. July 1945. 100 N484
- 14211 \*ANTUNES, F. D. Hortas da várzea de Loures. *Portugal. Junta Nac. das Frutas. B.* 4(3): 27-30. (To be cont.) Mar. 1944. 286.3939 P93
- Introduction to an economic study of a typical vegetable farm.
- 14212 BAKER, J. A. Toward a theory of land income. *J. Land and Pub. Util. Econ.* 21: 160-166. May 1945. 282.8 J82
- 14213 BEASLEY, L. L. Financing individual and group projects. *Agr. Ed. Mag.* 18: 31. Aug. 1945. 275.8 Ag8
- 14214 BELIKOV, V. A collective farm revives. *Farmers' J.* 25: 275. July 1945. 10 F2234
- Rehabilitation of the Stalin Collective Farm.
- 14215 BLACK, J. J. Musings of a land-man; more work - less labour; that's where system comes in. *Smallholder* 73(1843): 16. July 13, 1945. 10 Sml
- 14216 BLACK, J. J. Success of the smallholding. *Field* 185: 525. May 26, 1945. 10 F45
- Management.
- 14217 \*BONADONNA, T. Regi allevamenti di Stato in Ungheria. *Ital. Agr.* 80: 151-159. Mar. 1943. 16 It1
- A description of three State farms in Hungary, with particular attention to the livestock raised.
- 14218 \*BRETIGNIÈRE. Labourage et pâturage. *Acad. d'Agr. de France. Compt. Rend.* 28: 93-105. Jan. 21/28, 1942. 14 P215Bc
- The balance between agricultural and livestock production.



- 14219 BRONDO WHITT, G. La administración rural aplicada a pequeñas propiedades agrícolas. VI. Fomento [monthly]; 2(18): 11-12, 22. Apr. 1945. 8 F734
- 14220 BROWN, M. Smallholding set out; first of a new series. Poultry Farmer [London] 113(2925): 6-7. July 13, 1945. 47.8 F312  
Farm management.
- 14221 CÁMARA AGRÍCOLA DE VENEZUELA, and others. Ante el proyecto de ley de reforma agraria. Rev. Pecuaria, No. 80, p. 11-14. May 1945. 49 R326  
Asociación Nacional de Ganaderos, Asociación Nacional de Cafeteros, and Cámara de Productores de Azúcar cooperating.
- 14222 \*CAZIOT, P. Note relative au capital d'exploitation nécessaire pour la culture d'une ferme de 40 hectares en Berry (Bocage Sancerrois). Acad. d'Agr. de France. Compt. Rend. 30: 78-80. Jan. 26/Feb. 2, 1944. 14 P215Bc
- 14223 COLSTON, R. 9 points to stress to the returning soldier; farming has specific requirements that not every man can meet. Better Farming Methods 17(6): 30, 32. July/Aug. 1945. 58.8 B46
- 14224 CORNU, C. Considerations sur le remembrement. Petit Casablancais 31(1214): 1; (1215): 1, 2; (1216): 2. May 26, June 2, 9, 1945. 280.8 P44  
Need for proper land management in France.
- 14225 CRAM, J. S. About company farms; here is a good letter from a reader who believes that our problems can be solved by making farming big business. Family Herald and Weekly Star 76(26): 5, 6. June 27, 1945. 7 F21
- 14226 DAVIS, H. M. Planning for returning soldiers who want to farm. Agr. Ed. Mag. 18: 35. Aug. 1945. 275.8 Ag8
- 14227 DUGGAN, I. W. Land mines; explosive dangers beset path of returning veterans who want to farm. Capper's Farmer 56(8): 9, 20. Aug. 1945. 6 M693
- 14228 FLOWERS, J. Waits started "below scratch." Prog. Farmer, Miss.-Ark.-La. Ed. 60(8): 10. Aug. 1945. 6 So81  
Farm management.
- 14229 FOOD production on Northern Ireland farms; mixed farming in South Derry. North. Ireland. Min. Agr. Monthly Rpt. 20: 41-43. June 1945. 256.13 Ag82M
- 14230 \*GAETANI, L. L'assalto al latifondo e i tecnici agricoli. Avanguardia Rurale 11: 46-49. Apr. 1940. 16 Av1  
Improved farming methods in the settlement of the Italian latifundia.
- 14231 LOS GANADEROS del Estado Bolívar y el proyecto de la reforma agraria. Rev. Pecuaria, No. 80, p. 17-19. May 1945. 49 R326  
Signed by numerous individuals.
- 14232 GARCÍA MATIA, R. La familia productora y la eficiencia. Rev. de Econ. Argentina 44: 84-86. Mar. 1945. 280.8 R325  
Efficiency of production on the family farm.
- 14233 GRANGE, C. I started poultry farming after the last war. Smallholder 73(1840): 12. June 22 1945. 10 Sml  
Management of the farm.
- 14234 GRAVES, J. T. Everybody can't farm; it is a big mistake for every returning soldier to look to agriculture for a living. South. Agr. 75(8): 7, 23. Aug. 1945. 6 So83
- 14235 HAGAN, A. Community-wide balanced farming. Mo. Farmer 37(13): 4-5. July 15, 1945. 6 M696  
Farm practices in the Brinktown community in Maries County.
- 14236 HAGGERTY, J. J. Rio Grande River Basin - Mexico. Agr. in the Americas 5: 140, 136-137. July 1945. 1 F752A  
Includes dry-land farming, livestock ranching, and irrigation farming methods.
- 14237 HAWKINS, E. A. An Egyptian lesson in estate management. Field 185: 575. June 9, 1945. 10 F45
- 14238 HOOD, K. Country homes for city workers. Pa. Farmer 133: 33. July 28, 1945. 6 P383
- 14239 HOWELL, H. B. Keys to farm profits. Iowa Farm Econ. 11(7): 8-9. July 1945. 275.28 Io92  
Farm management.
- 14240 HURST, F. J. Follow-up visit with a graduate. Agr. Ed. Mag. 18: 30. Aug. 1945. 275.8 Ag8  
Tells about the poultry business and farming operations of Percy Fontenot in Evangeline Parish, La.
- 14241 KIRSCH, T. T. Farming opportunities for veterans in Coos County, Oregon. Agr. Ed. Mag. 18: 36, 38. Aug. 1945. 275.8 Ag8
- 14242 KUTISH, F. Organize your farm for profit. Your Farm 3(9): 75-80. July 1945. 6 Y8
- 14243 \*LAPTEV, I. Vosstanovlenie kolkhoznogo sel'skogo khoz'yaistva osvobodivshiesya raionov [Reconstruction of the collective farm economy in the liberated regions]. Sotsialist. Sel'sk. Khoz. 16(3): 22-33. Mar. 1945. 281.8 So73
- 14244 LASERIE RODRÍGUEZ, E. Política de abastecimiento. B. de Inform. Agr. del Gobierno Prov. de Las Villas 17(127): 30. Jan./Mar. 1945. 8 Sa53  
Asserts the need for a policy of crop diversification for Cuba.
- 14245 \*LÉRY, J. La réorganisation foncière et le remembrement. Rev. des Agr. de France 73: 127-128. May 1941. 14 R325
- 14246 LOVETT, N. Military dairy farms in India. Field 185: 494-495. May 19, 1945. 10 F45  
Management of the farms.
- 14247 MCCONKEY, O. M. The small holdings of Belgium; land across which Canadian soldiers have fought two campaigns is intensively cultivated in thousands of two-acre farms - Regimentation under the Germans. Farmer's Mag. 42(7): 8, 34-35. July 1945. 7 C165
- 14248 MARTIN, O. A. Making farm laws fit the facts. Nation's Business 33(8): 28-30, 98. Aug. 1945. 286.8 N212  
Suggests four main classes of farms and an agricultural policy based on actual farm needs.
- 14249 MORGAN, B. C. 20 bills passed by Legislature. Ala. Conserv. 17(1): 3, 10. July 1945. 279.8 AL1  
Includes Timber Severance Tax for forest fire protection and State Lands Bill.
- 14250 NICORA, C. D. General Levalle tiene 500 chacras; una población del B. A. P. llamada a grandes destinos; sinopsis de hombres y cosas. Rev. Mens. B. A. P. 28(330): 24-25, 27-39, 41-43, 45-46. May 1945. 9 R326  
Describes farms in the town of General Levalle.
- 14251 PEARSON, H. S. What is ahead for farming? Rural New-Yorker 94: 334, 336. July 1945. 6 R88
- 14252 \*RAY, G. L'agriculture et le problème alimentaire. Acad. d'Agr. de France. Compt. Rend. 28: 466-469. June 17/24, 1942. 14 P215Bc  
Need for increasing agricultural production through improved farming and processing methods.
- 14253 READ, H. Partnership with dad? Successful Farming 43(8): 19, 70-71. Aug. 1945. 6 Su12  
Farming for veterans.
- 14254 ROBERT, P. Les concours de fermes. Terre de Chez Nous 17(37): 16. June 20, 1945. 7 T27  
Describes the system under which a group of farms is scientifically managed under the guidance of an expert.
- 14255 S., H. L. Veteran returns to poultry farm. Rural New-Yorker 104: 358. Aug. 1945. 6 R88
- 14256 SALTWELL, A. D. This is co-operation in the true spirit. Smallholder 73(1843): 10-11. July 13, 1945. 10 Sm1  
Need for moderation in cooperation among smallholders.
- 14257 SHANNON, A. T. Studies in farm management: a Waipa fat lamb farm. New Zeal. J. Agr. 70: 493-503. May 15, 1945. 23 N48J



14258 \*SMITS, M. B. White-farming in the Netherlands Indies. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 673-675. 26 In863

14259 SPOONER, H. L. Why do some farmers make more money than others? Helpful advice given. Farmers Guide 161(15): 5. Aug. 1, 1945. 6 In2  
Farm management.

14260 STOLTZ, E. H. All their eggs are not in one basket; farming is diversified in Ontario County. Farmer's Mag. 42(7): 9, 51-52. July 1945. 7 C165

14261 SUBIRIA Y CARRILLO, J. G. En favor de la pequeña agricultura. Agronomía [Lima] 9(38): 15-23. Oct. 1944. 9.8 Ag83

A program for diversifying agriculture on small and medium type farms.

14262 \*VIGNEROT, M. La loi du 9 mars 1941 relative au remembrement et à la réorganisation foncière. Rev. des Agr. de France 74: 98-99. Apr. 1942. 14 R325

14263 WELLS, H. W. War damage reconstruction under the Town and Country Planning Act, 1944. Chartered Surveyors' Inst. Trans. 78(1): 1-12. 1945/1946. 282.9 C88J

Includes land acquisition and planning.

Issued with the Journal of the Chartered Surveyors' Institute, v. 24, pt. 12, June 1945.

14264 WHITE, C. Has unique ideas, but they pay profits. Better Farms 6(4): 3, 11. July 15, 1945. 6 B462

Farm management.

14265 WILLS, N. R. Some agricultural characteristics of the rural-urban fringe (with special reference to Sydney). Rev. Mktg. Agr. Econ. (n. s.) 13: 108-111, processed. May 1945. 286.8 N47M

Includes size and value of farms and farming techniques.

14266 YOUNG, A. Thriving farm near Corner Brook. Family Herald and Weekly Star 76(26): 10. June 27, 1945. 7 F21

Description of the farm.

14267 \*ZBORAY, G. VON. Die staatsdomänen. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 124-128. 1942. 18 G31A

Hungary.

#### Bookkeeping and Records

14268 CANTERBURY AGRICULTURAL COLLEGE, LINCOLN. Canterbury dairy farm budget. Canterbury Chamber Com. Agr. B. 191, 6 p. Christchurch, 1945. 23 C162

14269 \*GIRARD, H. Nécessité de la comptabilité en agriculture. Rev. des Agr. de France 76: 56-57. Apr. 1944. 14 R325

14270 HENDRIX, G. E. The "Offers" close their books; it's time to open yours. Nebr. Farmer 87(1): 4. Jan. 6, 1945. 6 N27

Importance and uses of farm records.

14271 SAUER, E. L., and CUMMINGHAM, J. B. Farm account records point the way for replanning your farm business. Ill. Farm Econ., Nos. 120/121, p. 222-225. May/June 1945. 275.28 IL5

14272 STODART, J. A. N. F. U.'s new costings move; the task to be tackled. Farming News and North Brit. Agr. 97(28): 13. July 6, 1945. 10 N82

14273 W., J. Cost accounting in farming; arguments for and against. Farmers' Gaz. [Dublin] 103: 378. July 7, 1945. 10 F221

#### Cost of Production

14274 ALATRISTE, S. La importancia de los costos agrícolas. Campo [Guadalajara] 13: 93-94. May 1945. 8 G76

14275 ALLINGTON, F. D. Fifty dollars an acre from brome grass. Nebr. Farmer 87(10): 1, 29. May 19, 1945. 6 N27

14276 ANDERSON, R. \$250.00 a week from ducks. Farm J. 69(8): 68-69. Aug. 1945. 6 F2212

Management of duck farm in Appanoose County, Iowa.

14277 BELLIVEAU, J. E. Farming in big figures. Farmer's Mag. 42(7): 7, 36. July 1945. 7 C165

Results and profits obtained by a Kent Co., Ont., farmer.

14278 \*BORD, G. Évolution des frais d'exploitation d'un domaine bordelais (1840-1940). Acad. d'Agr. de France. Compt. Rend. 27: 73-81. Jan. 22/29, 1941. 14 P215Bc

14279 CASTLE, C. V. Cost figures are interesting. Calif. Dairyman 25(11): 12. July 7, 1945. 44.8 C12

Cost of producing milk in California.

14280 FERNANDEZ LOPEZ, D. El costo de la leche. Buenos Aires y La Pampa, No. 79, p. 40, 50. Apr. 1945. 9 B868

14281 GASPARIN. Problemas ganaderos [Uruguay]. No. 30. Diario Rural 4(481): 8. May 26, 1945. 9.9 D54

A summary of the producers' problems with concluding emphasis upon cost of production.

14282 GUARD, S. R. Cotton calves in Cornbelt. Breeder's Gaz. 110(7): 10, 14, 29. July/Aug. 1945. 49 B74

Costs and returns.

14283 JONES, J. W., and JENKINS, J. M. Rice breeding pays dividends. Rice J. 48(6): 18, 28. June 1945. 59.8 R36

14284 JURADO B., N. Factores que afectan el costo de producción del café en el Departamento del Cauca y medidas que se están poniendo en práctica para rebajarlo. Rev. Cafetera de Colombia 8: 3126-3129. Mar. 1945. 68.28 R32

14285 \*LEROY, A. Misère actuelle des éleveurs de moutons. Acad. d'Agr. de France. Compt. Rend. 27: 1062-1067. Nov. 26/Dec. 3, 1941. 14 P215Bc

Returns as compared with production costs.

14286 MYERS, D'O. C. £3 per doe profit. Smallholder 73(1843): 10. July 13, 1945. 10 Sml

Rabbit management for maximum profits.

14287 OLARIAGA, N. DE. Problemas de postguerra. Buenos Aires y La Pampa, No. 79, p. 9-10. Apr. 1945. 9 B868

Indicates the need for increased returns on capital invested in agriculture.

14288 ROY, K. B. Grazing cuts egg costs. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(7): 38. July 1945. 6 P945G

14289 WILSMORE, T. G. New perspective. Primary Prod. [Perth] 30(17): 5. Apr. 26, 1945. 23 P932

The question of farmers' profits.

14290 ZIBECCHI, R. A. El buey manso. Buenos Aires y La Pampa, No. 79, p. 11-12, 21. Apr. 1945. 9 B868

Economic position of the Argentine farmer and the need for his obtaining increased profits.

#### Land Settlement and Colonization

14291 \*ALEMANNI, N. M. La colonizzazione agricola capitalistica e di popolamento. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 513-526. 26 In863

Italy.

14292 \*AMBROSINI, G. Le caratteristiche della colonizzazione italiana in Africa. Rass. Econ. dell'Africa Ital. 29: 143-156. Mar. 1941. 261 C71

Includes brief account of agricultural settlement.

14293 BELL, J. The communal settlements of Palestine. Roy. Army Vet. Corps. J. 16: 184-185. May 1945. 41.8 G79

14294 \*BETTÖLO, A. La lotta contro la malaria come fattore della colonizzazione bianca nell'Africa tropicale e subtropicale. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 41-53. 26 In863

14295 \*BORGHESE, R. L'economia dell'Africa Italiana nel quinto anno dell'Impero. Rass. Econ. dell'Africa Ital. 29: 303-314. May 1941. 261 C71

Achievements in settlement of Libya and the agricultural development of Italian East Africa.



- 14296 \*BOSELLI, G. La concessione A. T. I. [Azienda Tabacchi Italiani] sull'Altipiano del Garian - consuntivo di un primo esperimento di colonizzazione demografica [Libya]. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 91-111. 26 In863
- 14297 \*BRÉTIGNIÈRE. La colonisation algérienne; son rôle depuis un siècle dans l'économie rurale européenne et indigène. Acad. d'Agr. de France. Compt. Rend. 27: 631-639. June 4/11, 1941. 14 P215Bc
- 14298 BRISTOL, W. M. Soldiers must not be enslaved to poor land. Wash. Farmer 70: 375. July 19, 1945. 6 R151
- 14299 \*BUZI, V. C. Figura, scopi e funzioni di una Milizia Agraria in colonie di popolamento. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 123-134. 26 In863
- 14300 \*CAPRICOLI, M. Colonizzazione fascista. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 112-122. 26 In863
- 14301 \*CATTANEO, V. La colonizzazione agraria della Libia nella nuova regolamentazione legislativa. Rass. Econ. dell'Africa Ital. 30: 556-564. Nov. 1942. 261 C71
- 14302 \*CERULLI, E. La colonizzazione del Harar. Rass. Econ. dell'Africa Ital. 31: 149-162. Mar. 1943. 261 C71
- Italy's activity in the agricultural settlement of Harar territory.
- 14303 CLOUTIER, G. Compagnies et colonies forestières. Terre de Chez Nous 17(39, 1. e.40): 20. July 11, 1945. 7 T27
- 14304 \*COCCHIERI, M. I problemi dell'agricoltura indigena in rapporto all'autarchia alimentare nell'Africa Orientale Italiana. Rass. Econ. dell'Africa Ital. 29: 80-93. Feb. 1941. 261 C71
- Includes discussion of settlement of natives on the land.
- 14305 \*COPPENS, P. La colonisation agricole au Congo Belge. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 179-187. 26 In863
- 14306 COUTURE, C. E. L'établissement des jeunes. Terre de Chez Nous 17(38): 23. June 27, 1945. 7 T27
- 14307 \*CROCCETTA, M. L. La colonizzazione dell'Africa Italiana e l'opera della donna per el prestigio della razza. Rass. Econ. dell'Africa Ital. 29: 426-435. June 1941. 261 C71
- 14308 \*DALLARI, G. Direttive della colonizzazione demografica in Africa Orientale Italiana. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 188-195. 26 In863
- 14309 DAVIS, M. B. Rehabilitation facilities for armed service personnel. C. S. T. A. Rev., No. 45, p. 46, 48. June 1945. 7 C167C
- Includes terms of the Canadian Veterans' Land Act.
- 14310 \*FERTE, J. Réhabiliter la famille rurale. Rev. des Agr. de France 74: 79-80. Mar. 1942. 14 R325
- Necessity for national program of land settlement.
- 14311 \*FONTOURA, A. E. N. DA. Colonização indígena; a instrução ministrada aos indígenas na Colônia Portuguesa de Timor. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 535-545. 26 In863
- 14312 \*GIANNOCARO, G. L'attività svolta dall'Ente di Colonizzazione "Puglia di Etiopia" in A. O. I. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 258-263. 26 In863
- 14313 \*GIGLIO, C. Il finanziamento della colonizzazione demografica in Libia e in A. O. I. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 296-303. 26 In863
- 14314 \*GUBELLINI, M. Sviluppi e limiti della colonizzazione agraria in Eritrea. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 317-335. 26 In863
- 14315 \*HEYSE, T. Le régime des cessions et concessions de terres agricoles et forestières au Congo Belge. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 336-368. 26 In863
- 14316 \*ISTITUTO NAZIONALE FASCISTA DELLA PREVIDENZA SOCIALE. L'attività dell'Istituto Nazionale Fascista della Previdenza Sociale per la colonizzazione demografica in Tripolitania. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 392-406. 26 In863
- 14317 JOSS, A. Some possible limitations of zoning ordinances as devices for controlling land settlement. J. Land and Pub. Util. Econ. 21: 154-159. May 1945. 282.8 J82
- 14318 KOLLMORGEN, W. M. Immigrant settlements in southern agriculture; a commentary on the significance of cultural islands in agricultural history. Agr. Hist. 19: 69-78. Apr. 1945. 30.98 Ag8
- 14319 \*KYPRIADES, E. Nouvelle méthode de distribution des terres aux colons. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 407-415. 26 In863
- 14320 \*MANNI, C. L'Ente per la Colonizzazione della Libia. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 480-485. 26 In863
- 14321 \*MAUGINI, A. Un nuovo progetto di legislazione sulla colonizzazione agraria della Libia. Rass. Econ. dell'Africa Ital. 31: 3-14. Jan. 1943. 261 C71
- 14322 \*MENENDEZ, J. Colonización agrícola europea e indígena en los territorios españoles del Golfo de Guinea. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 527-530. 26 In863
- 14323 \*NANNINI, S. Colonizzazione ed incremento demografico. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 531-534. 26 In863
- Refers chiefly to Libya.
- 14324 \*NISTRI, P. F. La colonizzazione demografica nelle terre d'oltremare ed i danni di guerra. Rass. Econ. dell'Africa Ital. 28: 806-809. Oct. 1940. 261 C71
- 14325 \*NORMAND, L. Une loi sociale: le pécule de retour à la terre. Rev. des Agr. de France 73: 224. Aug. 1941. 14 R325
- Government allotment as incentive for peasant settlers.
- 14326 \*ORSINI, P. D'A. Problemi economici dello spazio vitale africano. Rass. Econ. dell'Africa Ital. 31: 15-22. Jan. 1943. 261 C71
- Includes agricultural products that Africa may provide for Europe and forms of colonization.
- 14327 \*PALLONI, G. La colonizzazione agraria in Libia. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 546-571. 26 In863
- 14328 \*RAMADORO, A. Aspetti e problemi della colonizzazione capitalistica. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 597-605. 26 In863
- 14329 \*SAITTA, A. Trent'anni di colonizzazione italiana in Libia. Rass. Econ. dell'Africa Ital. 29: 601-610. Sept. 1941. 261 C71
- 14330 \*SINISCALCHI, A. Aspetti demografico-sociali della colonizzazione agraria libica. Rass. Econ. dell'Africa Ital. 31: 79-89. Feb. 1943. 261 C71
- 14331 \*TORREJON Y MONTERO, A. DE. Características agrícolas y labor de colonización realizada en la zona de protectorado de España en Marrueco. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 217-228. 26 In863
- 14332 \*TORREJON Y MONTERO, A. DE. Causas que impiden el desarrollo agrícola de la zona de protectorado de España en Marrueco y bases para un futuro plan de colonización. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 229-240. 26 In863
- 14333 TULLY. Soldier settlement... policy outlined. Country Life [Sydney] 56(43): 9. May 11, 1945. 286.85 Sy2



Land Tenure

- 14334 ASPLUND, R. F. Government owned land in New Mexico. *N. Mex. Stockman* 10(7): 26-28. July 1945. 49 N462
- 14335 BLUM, J. Land tenure in the Austrian monarchy before 1848. *Agr. Hist.* 19: 87-98. Apr. 1945. 30.98 Ag8
- 14336 BRIGGS, F. A. Fundamentals of a good farm lease. *Farm and Ranch* 64(8): 20. Aug. 1945. 6 T31
- 14337 CARVAJALINO JACOME, J. Un nuevo régimen de tierras [Colombia]. *Agr. Trop.* 1(4): 33-38. May 1945. 26 Ag8
- 14338 \*DEGRULLY, P. La consolidation de la propriété foncière par la famille. *Prog. Agr. et Vitic.* 122: 113-116. Apr. 1/15, 1945. 14 P94
- 14339 F., L. M. Landowners and their future. *Farmer & Stock-Breeder* 59: 951. June 19, 1945. 10 F228
- Need for partnership between landlord and tenant in Great Britain.
- 14340 FISH, C. Custom of away-going crop; its meaning and application in tenantright valuations. *Land Agents' Soc. J.* 44: 121-123. July 1945. 282.9 L22
- 14341 LARUE, W. C. Three rental plans that get results. *Prog. Farmer, Miss.-Ark.-La. Ed.* 60(8): 5. Aug. 1945. 6 So81
- Farm leases.
- 14342 LASTIRI RUIZ, J. La caza en campo ajeno. *Buenos Aires y La Pampa*, No. 79, p. 14. Apr. 1945. 9 B868
- The question of ownership of wild animals as related to ownership of the land.
- 14343 \*LE ROY-LADURIE, J. L'indemnité de plus-value en faveur du fermier. *Rev. des Agr. de France* 74: 164-165. Aug. 1942. 14 R325
- Includes the text of the new law.
- 14344 \*MANTEUFFEL, H. FREIHERR VON. Sippen-schutz im erbhofrecht. *Deut. Agrarpolitik* 2: 35-38. Nov. 1943. 281.8 D48
- 14345 SANTA FE (PROV.). INSTITUTO EXPERIMENTAL DE INVESTIGACIÓN Y FOMENTO AGRÍCOLA GANADERO. Régimen de las explotaciones agropecuarias en la Provincia de Santa Fe. *Santa Fe (Prov.). Inst. Expt. de Invest. y Fomento Agr.-Ganad. Informe Econ.*, No. 2, 6 p. Santa Fe, 1944. 255.1 Sa5721
- Statistics of land tenure and size of farms.
- 14346 U. S. GENERAL LAND OFFICE. Alaska; information relative to the disposal and leasing of public lands in Alaska. *U. S. Gen. Land Off. Inform. B.* 2, 24 p. Washington, 1945. 165.55 In3
- 14347 \*VALROGER, P. DE. Un projet de nouveau statut du fermage. *Rev. des Agr. de France* 74: 117-119. May 1942. 14 R325
- Discusses chiefly terms of farm leases.

Land Utilization

- 14348 HURLBURT, V. L. Forage land requirements in the Northeast Region. *J. Land and Pub. Util. Econ.* 21: 144-153. May 1945. 282.8 J82
- 14349 JELLCOE, G. A. The prospect before us - IV. The new landscape. *Country Life [London]* 97: 986-988. June 8, 1945. 80 C83
- Town and country planning.

Land Values and Valuation

- 14350 \*BARROS, H. DE. O método analítico de avaliação da propriedade rural (características e possibilidades). *Portugal. Dir. Geral dos Serv. Agr. Sér. Estud. e Inform. Téc.* 23, 160 p. Lisboa, 1943. 15.5 Ag84E
- 14351 \*DEGRULLY, P. Retour à une monnaie saine. *Prog. Agr. et Vitic.* 122: 175-177. May 20/27, 1945. 14 P94
- Describes a plan for Government purchase of land in France that would help the finances of the country.
- 14352 FILLEY, H. C. Land prices. *Nebr. Agr. Col. Ext. News* 33(12): 2, 4. June 1945. 275.29 N27Ae

- 14353 PACKARD, W. E. The Central Valley Project. Who is to profit from increased land values? *Pt. 2. New Repub.* 113: 98-100. (To be cont.) July 23, 1945. 280.8 N
- 14354 PATTERSON, E. Neither a buyer nor seller be. *Farm and Ranch* 64(8): 17. Aug. 1945. 6 T31
- Land prices.
- 14355 STEWART, C. L. Outlook for interest rates and for land values. *Ill. Farm Econ.*, Nos. 120/121, p. 233-235. May/June 1945. 275.28 IL5

POPULATION

- 14356 ANDRIEU, E. C. Despoblación rural. *Buenos Aires y La Pampa*, No. 79, p. 46-47. Apr. 1945. 9 B868
- 14357 CAPT, J. C. Population shifts to be permanent? *Dom. Com.* 33(7): 5-6, 27-28. July 1945. 157.64 D713
- Rural population included.
- 14358 ETCHEVERRY, F. J. La selección del inmigrante, problema de posguerra. *Veritas* 15: 209-212. Apr. 1, 1945. 280.8 V58
- Indicates the need for an agricultural program for Argentina.
- 14359 \*FERTÉ, J. Aux sources de la vitalité française. *Rev. des Agr. de France* 74: 48-49. Feb. 1942. 14 R325
- Trends in peasant population in France.
- 14360 \*GERDESMANN, H. Retour à la terre [France]. *Deut. Agrarpolitik* 2: 62. Nov. 1943. 281.8 D48
- 14361 HEMPHILL, P. V. Migration of North Dakota farmers. *N. Dak. Agr. Expt. Sta. Bimo. B.* 7(5): 17-20. May/June 1945. 100 N813B
- 14362 \*LARUE, P. Dépopulation et progrès agricoles; sur les plateaux bourguignons. *Acad. d'Agr. de France. Compt. Rend.* 27: 1138-1140. Dec. 10/17, 1941. 14 P215Bc
- 14363 \*PASQUET, P. Pour reconstituer une société rurale. *Rev. des Agr. de France* 74: 133. June 1942. 14 R325
- Population migration.
- 14364 SILVA, L. P. DA. A fuga da terra e a política de reatamento do homem com o solo. *Rev. Rural Bras.* 25(297): 36-42. May 1945. 9.2 B733
- 14365 T. La terre demande a vivre. *Petit Casablancais* 31(1218): 4. June 23, 1945. 280.8 P44
- On the rural exodus.
- 14366 THORFINNSEN, S. M. Movement of farmers within Sargent County, N. Dak., during the two year period, January 1943 to January 1945. *N. Dak. Agr. Expt. Sta. Bimo. B.* 7(5): 12-16. May/June 1945. 100 N813B
- 14367 U. S. BUREAU OF THE CENSUS. Recent changes in farm population. *U. S. Bur. Census. Ser. Census-BAE*, No. 5, 1 p. Washington, 1945. 157.41 Se62
- 14368 VALLENILLA RAMÍREZ, C. La conveniencia de un buen plan de inmigración. *Caracas. Cám. de Com. B. (ser. 2)* 34: 9613-9614. Apr. 1945. 287 C173

RURAL SOCIAL ORGANIZATION

- 14369 DOBLIN, E. M., and POHLY, C. The social composition of the Nazi leadership. *Amer. J. Sociol.* 51(1): 42-49. July 1945. 280.8 Am3
- Includes Nazis of rural origin.
- 14370 \*GRAND, R. Famille et ruralisation. *Rev. des Agr. de France* 73: 98-99. Apr. 1941. 14 R325
- 14371 \*HITIER, H. L'agriculture et les lois sociales. *Acad. d'Agr. de France. Compt. Rend.* 26: 687-688. Sept. 25, 1940. 14 P215Bc
- 14372 LAMP, MRS. A. A. Following a Montana farm woman for just one day. *Mont. Farmer* 32(22): 1, 21. July 15, 1945. 6 M764



14373 MOOMAW, I. W. Rural life objectives in the Church of the Brethren. Christian Rural Fellowship B. 104, 8 p., processed. June 1945. 281.29 C46

14374 OTAGO-SOUTHLAND YOUNG FARMERS' CLUB. COUNCIL. Improvement of rural life. New Zeal. J. Agr. 70: 542-543. May 15, 1945. 23 N48J

14375 \*PÉREAU. Sur certaines évolutions de la vie rurale. Acad. d'Agr. de France. Compt. Rend. 30: 171-174. 1944. 14 P215Bc

#### Institutions

14376 ANASTASIA, P. Técnicos y productores. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 195. Apr. 26, 1945. 9.9 G15B

The educational function of agricultural experts.

14377 BAILEY, F. Vo-Ags and Co-Ags to receive more Federal funds. Better Farming Methods 17(6): 28, 52, 54-55. July/Aug. 1945. 58.8 B46

For extension work.

14378 BALFOUR, MRS. I. Rural school needs. Nebr. Farmer 87(8): 19. Apr. 21, 1945. 6 N27

14379 \*BECKERICH, A. Le code de la famille rurale. Rev. des Agr. de France 74: 100-101. Apr. 1942. 14 R325

Discusses various aspects of this new code.

14380 \*BRASSE-BROSSARD, L. Les collèges ruraux. Rev. des Agr. de France 74: 19-20. Jan. 1942. 14 R325

14381 \*BRÉTIGNIÈRE. La libération des établissements d'enseignement agricole et de recherches. Acad. d'Agr. de France. Compt. Rend. 26: 685-686. Sept. 25, 1940. 14 P215Bc

14382 BROWN, N. Measuring a county agent's effectiveness; Michigan State College summarizes effort and participation studies. Better Farming Methods 17(6): 12-13, 55. July/Aug. 1945. 58.8 B46

Extension work.

14383 BURDICK, H. J. Has agriculture missed the boat? Natl. Wool Grower 35(7): 16-17. July 1945. 45.8 N21N

Failure of agricultural education in meeting post-war problems.

14384 CADENA SANTILLÁN, J. Importancia de la enseñanza agrícola en la escuela primaria. Ecuador. Primera Zona. Cám. de Agr. Rev. 7: 251-254. Apr. 1945. 9.5 Ec96

14385 CHAPMAN, H. W. Instructors develop courses of study in agriculture. Agr. Ed. Mag. 18: 29. Aug. 1945. 275.8 Ag8

14386 \*CIOTOLA, A. La difesa sanitaria delle popolazioni indigene ed i suoi riflessi sullo sviluppo dell'agricoltura nei paesi tropicali e sub-tropicali. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 159-162. 26 In863

14387 CRAM, J. S. Lachute scores again; this year's fair showed numerous advances which boosted the enjoyment that people got for their money. Family Herald and Weekly Star 76(26): 7, 8. June 27, 1945. 7 F21

14388 \*CSIKI, L. Das landwirtschaftliche unterrichtswesen in Ungarn. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 154-159. 1942. 18 G31A

14389 DAVIS, A. Caste, economy, and violence. Amer. J. Sociol. 51(1): 7-15. July 1945. 280.8 Am3

Negro-white relationships in rural counties in the Deep South.

14390 \*DUARTE, C. L'enseignement agricole colonial dans la Métropole et dans les colonies portugaises. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 241-246. 26 In863

14391 DUNK, M. R. Iowa Falls, Ia. Vo-Ag Department is "Duroc Center of the Nation"; top flight Iowa Ag instructor produces results. Better Farming Methods 17(6): 21-22. July/Aug. 1945. 58.8 B46

Iowa Duroc Breeders Association.

14392 DWORIN, S. Agricultural films. C. S. T. A. Rev., No. 45, p. 30, 32. June 1945. 7 C167C

Circulation of films in Canada.

14393 EASTMAN, E. R. Rural children still lack high school opportunity. Amer. Agr. 142: 313, 315. Aug. 4, 1945. 6 Am3

14394 L'ÉDUCATION agricole de l'indigène en Afrique Equatoriale Française. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 774-778. 26 In863

14395 L'ENSEIGNEMENT agricole à Madagascar. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 802-807. 26 In863

14396 ERICKSON, T. A. How help older rural youth? Proper guidance and cooperation essential to virile rural America. Better Farming Methods 17(6): 19-20. July/Aug. 1945. 58.8 B46

14397 FITZGERALD, K. W. Poultry farming utilized as rehabilitation aid to veterans. Northeast. Poultryman 41(1): 9-10, 25. July 1945. 47.8 N44

14398 FRANCESCHINI, C. Nuestro ambiente rural en su ritmo evolutivo o de transformación. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 36(158): 2-3. Jan./Feb. 1945. 8 R323

Social condition of the peasant.

14399 FROMER, A. The women who saved a nation's economy; no black market, no inflation in Canada - because the Dominion's housewives spontaneously organized to make price ceilings work. Mag. Digest 31(2): 36-44. Aug. 1945. 110 M27

14400 \*GINIÉIS. Orientation agricole des programmes d'enseignement, en particulier de l'enseignement primaire. Acad. d'Agr. de France. Compt. Rend. 27: 716-720. June 18/25, 1941. 14 P215Bc

14401 GOVER, M., and YAUKEY, J. B. Physical impairments of members of low-income farm families - 11,490 persons in 2,477 Farm Security Administration borrower families, 1940. IV. Defective tonsils and adenoids. Pub. Health Rpts. 60: 693-710. June 22, 1945. 151.65 P96

14402 \*GRAND, R. La crise de l'artisanat rural. Acad. d'Agr. de France. Compt. Rend. 27: 617-626. June 4/11, 1941. 14 P215Bc

Shortage of artisans and reasons for it.

14403 HAMILTON, C. H. Agriculture, rural life, and the church in the postwar era. Christian Rural Fellowship B. 103, 6 p., processed. May 1945. 281.29 C46

14404 HAYHURST, J. The village blacksmith's future. Field 185: 517. May 26, 1945. 10 F45

Credit and training for the trade in Great Britain.

14405 HITA, J. DE. La escuela rural mirará al campo argentino. Chacra 15(176): 32-33. June 1945. 9 C34

14406 HORST, M. The challenge of the rural community. Pa. Farmer 133(1): 5. July 14, 1945. 6 P383

Opportunities of the rural school in farm youth guidance.

14407 HOUGHTON, F. B. A continuing young-farmer program. Agr. Ed. Mag. 18: 32. Aug. 1945. 275.8 Ag8

14408 JOHNSON, E. G. Rural drama. Nebr. Farmer 87(2): 4. Jan. 20, 1945. 6 N27

Plays put on by community groups.

14409 JORDAN, I. Consideraciones generales - proyecto para la formación y programa de estudios de una escuela de agricultura [Chile]. Agr. del Norte 29: 93-99. (Cont.) Apr./May 1945. 9.3 Sol4

14410 KEILHOLZ, F. J. Rebirth of the rural church. Country Gent. 115(8): 18, 53-54. Aug. 1945. 6 C833

14411 \*KHRUSTALEV, P. Podgotovka sel'skokhoziaistvennykh spetsialistov srednei kvalifikatsii. Sotsialist. Sel'sk. Khoz. 16(3): 56-58. Mar. 1945. 281.8 So73

Agricultural education.



- 14412 LACERDA, V. DE. É necessário fazermos muito mais! Pernambuco (State). Sec. de Agr., Indús. e Com. B. 11(3/4): 12-14. July/Dec. 1944. 9.2 P423
- Need for improved farming education and training.
- 14413 \*LEFEUVRE, R. Essai d'organisation d'un service social rural en Loire-Inférieure. Rev. des Agr. de France 74: 16-18. Jan. 1942. 14 R325
- 14414 \*LENGLER, Les instructions rurales à la fin de l'ancien régime, sous la Convention et le Directoire. Acad. d'Agr. de France. Compt. Rend. 28: 267-276. Feb. 18/25, 1942. 14 P215Bc
- 14415 \*LEPLAE, E. La preparazione professionale degli agricoltori indigeni per mezzo dell'insegnamento obbligatorio. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 1: 87-100. 26 In862
- Also in French, p. 101-114.
- Emphasis on Africa.
- 14416 LIEBERMANN, J. Escuelas hogares; la importante función de las "Escuelas del Hogar" en el interior del país. Pampa Argentina 19(212): 4-5. Apr. 1945. 9 P19
- 14417 LOVE, J. C. Boys' adjustments in their farming programs. Agr. Ed. Mag. 18: 30-31. Aug. 1945. 275.8 Ag8
- 14418 LOWE, J. M. A complete program of vocational agriculture for every rural community. Agr. Ed. Mag. 18: 26-27. Aug. 1945. 275.8 Ag8
- 14419 MACKINLAY, D. La educación en nuestra campaña. Paraguay. Min. de Agr. Rev., No. 7, p. 59-62. Mar. 1945. 9.7 Ag8Re
- Refers to Argentina.
- 14420 MEDINA BEN, V., and CORREA, A. Plan de trabajo del Servicio de Extensión Agrícola para la zona cafetalera, tomando la finca como una unidad. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 144-148. May/Dec. 1944. 8 R325
- 14421 MORRIS, L. E. A long-time young-farmer program in Missouri. Agr. Ed. Mag. 18: 33. Aug. 1945. 275.8 Ag8
- 14422 NEELANDS, W. Township [in Ontario] adopts dental program. Rural Co-op. 9(14): 4. Mar. 27, 1945. 280.28 R88
- 14423 NEWARK, C. Does Iowa have health problems? The first in a series of articles on rural Iowa's health problems. Iowa Farm Econ. 11(7): 6. July 1945. 275.28 I92
- 14424 NUÑEZ, R. Les debemos otro trato. Pampa. Min. de Agr. y Com. Rev. de Agr. y Com. 4(44): 16-17. Apr. 1945. 8 R3291
- Need for improving the condition of the farmer.
- 14425 PATTERSON, A. L. The larger school unit. Macdonald Col. J. 5(10): 24-25. June 1945. 101 M144
- Consolidated schools for Quebec.
- 14426 RENSCHAW, B. Recreation is part of better living, say Ingraham folks. Prairie Farmer, Ill. Ed. 117(14): 10-11. July 7, 1945. 6 P883B
- 14427 RHODES, C. O. "Among such as keep Holy Day." Palestine and Middle East 17: 93-94. May 1945. 286.8 P172
- The Sabbath on an agricultural settlement.
- 14428 \*SERVIÈRE, H. Un exemple à suivre. Prog. Agr. et Vitic. 122: 146-147. Apr. 22/29, 1945. 14 P94
- Advantages of setting up rural agents to advise French farmers.
- 14429 SEYMOUR, O. J. A filing system for teachers of vocational agriculture. Agr. Ed. Mag. 18: 29. Aug. 1945. 275.8 Ag8
- 14430 SIMON, LADY S. D. England plans area changes; seeks to strengthen local government framework through work of commission to review boundaries within counties and make alterations in accordance with present-day needs. Natl. Munic. Rev. 34: 332-336. July 1945. 280.8 N21
- 14431 SPENCER, H. B. Education for living. Agr. Ed. Mag. 18: 25, 27. Aug. 1945. 275.8 Ag8
- A description of the farm program of the adult education program at the Spencer Central School, Spencer, N. Y.

- 14432 STEEVES, W. A. Another milestone in rural education [Quebec]. Macdonald Col. J. 5(11): 28. July 1945. 101 M144
- 14433 SUTHERLAND, S. S. Criteria for the establishment of departments of vocational agriculture. Agr. Ed. Mag. 18: 24-25. Aug. 1945. 275.8 Ag8
- 14434 TAYLOR, R. E. Last year on my film circuit. Macdonald Col. J. 5(11): 26-27. July 1945. 101 M144

#### Rural films in Canada.

- 14435 TURPIN, H. W. Arrangements for training ex-volunteers; special courses at colleges for instructors in special types of agriculture. Farmer's Weekly [Bloemfontein] 69: 675. June 13, 1945. 24 F225
- 14436 TURPIN, H. W. Training for a farm career. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser., No. 126, 2 p. Pretoria, 1945. 24 So82Pa
- 14437 \*VALDUCCI, V. L'indigeno come colono. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 721-727. 26 In863
- 14438 VIRGINIA. UNIVERSITY. EXTENSION DIVISION. Citizens consider their county; Community Council stimulated by University Extension. Va. U. Ext. Div. P. New Dominion Ser. 69, 8 p. Charlottesville, 1945. 280.9 V814
- Program of the Louisa County Citizens' Council.
- 14439 YANG, H. P. Agricultural extension in China. Far East. Survey 14: 177-180. July 4, 1945. 280.9 In782
- Includes a description of Chinese agriculture.
- 14440 \*ZIEMANN, H. Kurze richtlinien betreffend hygiene und ernährung der eingeborenen und der eingeborenen arbeiter im tropischen Afrika. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 765-768. 26 In863

#### Rural Organizations and Movements

- 14441 AGRICULTURAL co-operation in Ireland - 4. Agr. Ireland 3: 89-90. July 1945. 10.5 Ag8
- 14442 BAKKEN, E. H. Why Scouts aid the home food supply. Better Farming Methods 17(6): 36. July/Aug. 1945. 58.8 B46
- The Boy Scouts of America.
- 14443 BELTRÁN, P. P. La agremiación ruralista y la organización del trabajo [Colombia]. Vida Rural 6(71): 2. June 1945. 9.4 V66
- 14444 BELTRÁN, P. P. Declaración de principios para la agremiación ruralista [Colombia]. Vida Rural 6(71): 5. June 1945. 9.4 V66
- 14445 \*CASSEZ, Notice sur les Mutuelles Agricoles de l'Est et l'Union des Syndicats d'Élevage. Acad. d'Agr. de France. Compt. Rend. 26: 1026-1036. Dec. 11/18, 1940. 14 P215Bc
- 14446 CHOLMELEY, E. F. Chinese cooperatives in the Northwest. Far East. Survey 14: 195-197. July 18, 1945. 280.9 In782
- Includes agricultural cooperation.
- 14447 CHURCHILL, A. C. Cooperatives in Japan. Far East. Survey 14: 204-207. Aug. 1, 1945. 280.9 In782
- Includes agricultural cooperation.
- 14448 DIEMER, A. This is the real issue! Marit. Co-op. 13(13): 4. July 2, 1945. 280.28 M33
- The question of whether the farmer will control the necessities of life without middlemen.
- 14449 DUBÉ, Y. Notre devise 4-H. Conservation [Quebec] 2(8): 7. Aug. 1945. 275.28 C763
- 14450 ELSWORTH, R. H. Locals form firm foundation. News for Farmer Coops. 12(4): 11, 14. July 1945. 166.2 N47
- Importance of local cooperative associations in the farmer cooperative movement.
- 14451 GARCÍA SERRANO, T. Necesidad y esencia de las asociaciones. Buenos Aires y La Pampa, No. 79, p. 56-57. Apr. 1945. 9 B868
- 14452 HOLMES, D. Vermont's co-operatives. New England Homestead 118(13): 5. July 14, 1945. 6 N442



14453 JEAN, M. Les coopératives agricoles des districts agronomiques des Trois-Rivières et Nicolet. *Terre de Chez Nous* 17(39): 4. July 4, 1945. 7 T27

14454 LEWIS, T. Agricultural co-operation in Wales. *Estate Mag.* 45: 169-171. July 1945. 10 Es8

14455 MCCLURE, J. G. K. The Farmers' Federation's 25th year. *Farmers Fed. News* 25(12): 7-10, 20, 22. Aug. 1945. 280.28 F225

Organization and activities.

14456 MILLER, C. R. Farmers organizing to meet labor unions. *Va. Fruit* 33(7): 8. July 1945. 81 V81B

The Council of Food Producer Organizations.

14457 R., D. W. Farmers stick together. *Manitoba Co-op.* 2(23): 4. July 2, 1945. 280.28 M31

Organization by farmers.

14458 \*SOCIETÀ AGRICOLA INDUSTRIALE DI ETIOPIA (S. A. I. D. E.). La Società Agricola Industriale di Etiopia (S. A. I. D. E.) *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 632-638. 26 In863

14459 \*SOCIETÀ AGRICOLA ITALO-SOMALA. La Società Agricola Italo-Somala (S. A. I. S.). *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 639-653. 26 In863

14460 STOKDYK, E. A. Responsibilities of co-op management suggest complementing duties of members in effective functioning of organization. *Sunswet Standard* 39(2): 10-11. July 1945. 286.83 Su7

14461 URQUIOLA, R. M. *Agremiación.* Buenos Aires y La Pampa, No. 79, p. 42, 43. Apr. 1945. 9 B868

14462 \*VENKATARAMAIAH, M. Co-operation within a planned economy. *Madras J. Co-op.* 36: 215-219. May 1945. 280.28 M26

Includes advantages of agricultural cooperation.

14463 VERNAVA, A. D. El problema de la tierra y la cooperación [Argentina]. *SanCor* 3(33): 4-5. Mar. 1945. 280.28 R322

14464 VIRGINIA UNIVERSITY. EXTENSION DIVISION. To meet or not to meet. *Va. U. Ext. Div. P. New Dominion Ser.* 70, 6 p. Charlottesville, 1945. 280.9 V814

Programs for community meetings.

14465 WARE, H. G. School group is producing for victory. *Farmer-Stockman* 58: 284. Aug. 1945. 6 Ok45

The Vaughan 4-H Club program, Grady County, Okla.

14466 WHIPPEN, N. F. Deferred youth form young farmer clubs [in New Hampshire]. *Ext. Serv. Rev.* 16: 98-99. July 1945. 1 Ex892Ex

14467 WOOD, A. M. The right vision: a great powerful united body of farmers. *Farmer [Pietermaritzburg]* 34(23): 8. (Cont.) June 8, 1945. 24 F227

14468 \*WUNSCHER, F. Das landwirtschaftliche genossenschaftswesen. Germany. *Reichsmin. f. Ernähr. u. Landw. Ber. über Landw.* (N. F.) Sonderheft 156, p. 166-170. 1942. 18 G31A

#### RURAL SOCIAL PSYCHOLOGY

14469 \*GUILLEBON, G. DE. Le point de vue des vieux paysans. *Rev. des Agr. de France* 74: 75. Mar. 1942. 14 R325

14470 \*LEROY, L. Le point de vue des jeunes paysans. *Rev. des Agr. de France* 74: 134-135. June 1945. 14 R325

14471 NASH, C. L. Operating modern "hot-stove leagues." *News for Farmer Coops.* 12(4): 17-18. July 1945. 166.2 N47

Discussion groups.

14472 TURNER, J. What farmers expect from the party in power. (Excerpts.) *Smallholder* 73(1842): 11. July 6, 1945. 10 Sml  
Great Britain.

#### TRADE, FOREIGN AND INTERNATIONAL

14473 ABBOTT, J. P. Removing a tariff obstacle. *West Austral. Wheatgrower* 14(45): 3. Mar. 1, 1945. 23 W523

The United States wool tariff.

14474 ALDRICH, W. W. The bases of world trade. *Mid-west. Banker* 39(7): 12-15, 45-46. July 1945. 284.28 B222

14475 \*ARAGONA, M. C. D'. Rapporti economici tra madrepatria e colonia in regime corporativo. *Rass. Econ. dell'Africa Ital.* 29: 252-259. Apr. 1941. 261 C71

14476 ARGENTINA. DIRECCIÓN GENERAL DE COMERCIO. DIRECCIÓN DE POLÍTICA COMERCIAL. Modificaciones operadas en los rubros de las exportaciones argentinas. - Perspectivas para la posguerra. Argentina. *Sec. de Indus. y Com. B.* 1(5): 202-209. Feb. 1945. 280.9 Ar3

Includes export values of agricultural products.

14477 BARR, R. J. Postwar trade prospects in Egypt, Iraq, Palestine. *Foreign Com. Weekly* 20(1): 7-10, 44-45. June 30, 1945. 157.54 F763

Includes agricultural products.

14478 BIRKETT, C. B. New Zealand: a market survey. II. Foreign trade. Canada. *Dept. Trade and Com. Com. Intel. J.* 73: 26-33. July 14, 1945. 286.8 C16

Includes trade in agricultural products.

14479 BISSON, J. E. Vart-on mettre l'embargo sur l'exportation des agneaux aux États-Unis? *Terre de Chez Nous* 17(37): 23. June 20, 1945. 7 T27

14480 CARROLL, C. Planning inter-American trade. *Rollins Col. Ann. Econ. Conf.* (1945) 10: 5-11, processed. 280.9 R65

14481 CHANDLER, R., pseud. America's post-war trade. II. *Nation* 161: 106-107. Aug. 4, 1945. 280.8 N215

Includes foreign trade.

14482 DAVIDSON, H. R. Denmark's rapid recovery from war; exported 13,000 tons of butter in May and June - first complete figures of the pig and cattle position. *Farmer & Stock-Breeder* 59: 1076-1077. July 10, 1945. 10 F228

14483 \*DOMINGUES, J. H. C. Os principais mercados importadores de laranjas. Portugal. *Junta Nac. das Frutas. B.* 4(2): 27-30. Feb. 1944. 286.3939 P93

The British and German importing markets.

14484 ELIAS, A. M., and ARREDONDO, J. M. Exportación de legumbres en México. Mex. *Sec. de Relac. Exteriores. Rev. del Com. Exterior* 10(2): 23-25, 37. Feb. 1945. 286.8 M575

14485 ELLIS, H. S. Bilateralism and the future of international trade. Princeton U. *Essays Internatl. Finance*, No. 5, 22 p. Princeton, 1945. 284.9 P932

14486 EVANS, O. R. Millions of tons of food; Canada, during this war, has sent to Britain the seeds to help her grow vast quantities of fresh vegetables. *Family Herald and Weekly Star* 76(27): 5, 6. July 4, 1945. 7 F21

14487 \*FRANCOLINI, B. I prodotti coloniali e il commercio eurafriano. *Rass. Econ. dell'Africa Ital.* 30: 274-290. June 1942. Ref. 261 C71

Agricultural products.

14488 \*GIACCARDI, A. Le importazioni italiane di materie prime coloniali nel ventennio 1919-1938. *Rass. Econ. dell'Africa Ital.* 30: 122-130. Mar. 1942. 261 C71

Includes agricultural products.

14489 \*GIORDANO, A. I traffici tra l'Europa sud orientale e l'Africa Italiana e le loro prospettive avvenire. *Rass. Econ. dell'Africa Ital.* 30: 28-34. Jan. 1942. 261 C71

Trade in agricultural products included.

14490 HOROTH, V. L. The world prepares for postwar trade. *Mag. Wall St.* 76: 415-417, 457-458. July 21, 1945. 286.8 M27



- 14491 \*LEFEBVRE, G. Le commerce extérieur de la France entre les deux guerres; anticipations sur son avenir. Acad. d'Agr. de France. Compt. Rend. 30: 125-127. Feb. 23/Mar. 1, 1944. 14 P215Bc
- 14492 NORTON, L. J. Tariff reductions on agricultural products under the trade agreement program. Ill. Farm Econ., Nos. 120/121, p. 226-228. May/June 1945. 275.28 IL5
- 14493 NOYOLA V., J. F. El cambio de composición de nuestras exportaciones y sus efectos en el índice de precios de exportación. Rev. de Econ. 8(5/6): 16-19. June 1, 1945. 280.8 R3293  
Includes Mexican agricultural exports.
- 14494 NUBER, J. R. Cuba as a market for U. S. rice, present and postwar. Rice J. 48(6): 20-22. June 1945. 59.8 R36
- 14495 PINK, L. H. World trade and the peace. Rollins Col. Ann. Econ. Conf. (1945) 10: 72-83, processed. 280.9 R65
- 14496 POULIN, L. P. L'intervention des états dans le commerce mondial des produits agricoles. Terre de Chez Nous 17(37): 14. June 20, 1945. 7 T27
- 14497 \*ROLETT, G. Osservazioni sul commercio estero dell'Africa Orientale Italiana. Rass. Econ. dell'Africa Ital. 28: 857-863. Nov. 1940. 261 C71  
Mention is made of agricultural products.
- 14498 SCHOPFMEYER, W. G. Sees bright future in foreign trade. (Excerpts.) Shipping Digest 45 (1170): 3-4. July 30, 1945. 286.8 Sh64
- 14499 SURIS, J. B. Nuestro comercio de la pre-guerra con Alemania y Japón. Cuba. Min. de Com. Rev. Ofic. 8(49): 45-49. June 1945. 280.9 C91  
Includes agricultural products.
- 14500 WALLACE, H. A. Reconversion and foreign trade. New Orleans Port Rec. 3(10): 19-22. June 1945. 286.8 N472
- 14501 WILSON, J. B. Reciprocal Trade Act extended. Natl. Wool Grower 35(7): 13-14. July 1945. 45.8 W21N
- 14502 YSITA, E. Inter-American concentration of Colombian commerce 1940-1944. Com. Pan Amer., v. 14, No. 6/7, 55 p., processed. June/July 1945. 280.8 O736  
Discusses the coffee industry and gives figures for foreign trade in agricultural products.

## FOOD AND HUMAN NUTRITION

## GENERAL

- 14503 EL ALGODÓN como cultivo alimenticio. Vida Agr. 22: 307, 309, 311, 313-314. Apr. 1945. 9.8 V66  
Cottonseed.
- 14504 BAIRD, J. H. Some aspects of dietetics in the Veterans Administration. Amer. Dietet. Assoc. J. 21: 420-423. July/Aug. 1945. 389.8 Am34
- 14505 BOYD, D. A. A program of dental health through dietary therapy. Ind. State Bd. Health. Monthly B. 48: 86, 95. Apr. 1945. 449.7 In2M
- 14506 CAMPBELL, A. M., and SMITH, A. H. Eating for two. Mich. Pub. Health 33: 131-136. July 1945. 449.7 M58M
- 14507 CANADIAN COUNCIL ON NUTRITION. The construction and use of dietary standards. Canad. J. Pub. Health 36: 272-275. July 1945. 449.8 P964  
Adopted June 8, 1945.
- 14508 CHANEY, M. S. Integrating nutrition education and activities in the school program. Amer. J. Pub. Health 35: 728-731. July 1945. 449.9 Am3J
- 14509 \*CIOTOLA, A. Il problema dell'alimentazione per i coloni e per gli indigeni della Libia. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 152-158. 26 In863
- 14510 DARROW, D. C., SILVA, M. M. DA, and STEVENSON, S. S. Production of acidosis in premature infants by protein milk. J. Ped. 27: 43-58. July 1945. 448.8 J8291
- 14511 DONELSON, E. G., and LEICHSENREING, J. M. Food composition table for short method of dietary analysis (revised). Amer. Dietet. Assoc. J. 21: 440-442. July/Aug. 1945. 389.8 Am34
- 14512 DORSEY, L. M. Milk, a geriatric accessory. Milk Dealer 34(10): 56, 58. July 1945. 44.8 M595
- 14513 DOWNES, J., and BARANOVSKY, A. An experiment in nutrition teaching by public health nurses. Milbank Mem. Fund Q. 23: 227-253. July 1945. 449.9 M582
- 14514 DU TOIT, A. G. S. Proper feeding of population. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. No. 127, 2 p. Pretoria, 1945. 24 So82Pa
- 14515 ESCUDERO, A. La racionalización de la distribución de alimentos como directiva de la política alimentaria del futuro. Rev. Econ. Argentina 44: 87-95. Mar. 1945. 280.8 R325
- 14516 ESCUDERO, P., and ROTHMAN, B. El empleo de las unidades de requerimiento para establecer el valor de las disponibilidades alimentarias de una población. Asoc. Argentina de Dietología. Rev. 3(9): 14-23. Jan./Mar. 1945. 389.9 As5
- 14517 ESCUDERO, P., and MOSTO, D. Influencia de la alimentación sobre la calcificación del diente de leche. Asoc. Argentina de Dietología. Rev. 3(9): 24-39. Jan./Mar. 1945. 389.9 As5
- 14518 FARMER, F. A., and MCCREADY, M. S. A nutrition survey in Ste. Anne de Bellevue, Quebec. Canad. J. Pub. Health 36: 276-284. July 1945. 449.8 P964
- 14519 FORTALEZA, C. A dieta dos exploradores. "Carne: magra ou gorda? - jejum é miséria de coelho." Fauna, São Paulo, 4(5): 20-23. May 1945. 410 F272
- 14520 GAUNT, W. E. "F" famine food chem. and Drug. Export Rev. 6(62): 2-3. June 30, 1945. 396.8 C42A  
Food for people suffering from chronic starvation.
- 14521 GORDON, R. F., and BUXTON, A. A case of food poisoning in man probably caused by the consumption of a duck egg. Vet. J. 101: 131-135. June 1945. 41.8 V643
- 14522 GRAY, M. E. The problem of feeding Army Air Forces flying personnel. Amer. Dietet. Assoc. J. 21: 413-414. July/Aug. 1945. 389.8 Am34
- 14523 GREEN, D. M., and BUTTS, J. S. Factors affecting acceptability of meals served in the air. Amer. Dietet. Assoc. J. 21: 415-419. July/Aug. 1945. 389.8 Am34
- 14524 \*GUERRA, G. DEL. La razione alimentare nel lavoratore agricolo. Mutual. Rurale Fascista 7: 140-145. Mar./Apr. 1943. 448.8 M98
- 14525 HARRIS, R. S. An approach to the nutrition problems of other nations. Science 102: 42-44. July 13, 1945. 470 Sci2
- 14526 HILL, C. A flying start in the race of life. Better Health 18: 147-148. July 1945. 449.8 B46  
Value of proper nutrition for growth.
- 14527 \*HOLDERER, M. Le pain à la drèche de bière. Assoc. des Chim. B. 59: 716-720. Sept./Oct. 1942. 383 As7
- 14528 ISENBART, M. Wherever at all practicable school districts should give children hot school lunches. Boonville Advertiser 106(30): 28. July 1945. 281.28 B64
- 14529 KLINGE, G. Política agrícola-alimenticia. Part II. Vida Agr. 22: 245, 247, 249-257, 259-260. Mar. 1945. 9.8 V66
- 14530 LEWIS, L. J. The effect of diet changes on allergies. Pittsburgh. U. Grad. School. Abs. of Theses, etc., 40(3): 165-168. Jan. 20, 1944. 241.8 P68
- 14531 MCCURDY, M. E. Nutrition a live issue in Canada. MacDonald Col. J. 5(11): 25. July 1945. 101 M144
- 14532 MACHADO, J. A. Conceptos sobre alimentación. Res 13: 17477-17478. May 20, 1945. 286.85 R31



## NUTRITIVE AND VITAMIN CONTENT

- 14533 MACK, W. B. Hungry plants and hungry people open many fields of study. *Certified Milk* 20(230): 3, 18. June 1945. 44.8 C33
- 14534 MCKAY, C. M. Preventive nutrition. (Abs.) *Wash. Sci.* 1: 74. June 1945. 470 W27
- 14535 MASCARENHAS, C. C. Nutrition in Brazil. *Brazilian Business* 25: 61-64, 66. Feb. 1945. 286.8 B732
- 14536 MEAD, M. The dietitian as a member of a therapeutic team. *Amer. Dietet. Assoc. J.* 21: 424-426. July/Aug. 1945. 389.8 Am34
- 14537 MUNRO, D. C. How foods can help you really enjoy life. *J. Living* 11(2): 80-97. Aug. 1945. 389.8 J822
- 14538 NAUDE, S. Hints on baking with standard meal. *Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. No. 115*, 2 p. Pretoria, 1943. 24 So82P
- 14539 PETT, L. B., MORRELL, C. A., and HANLEY, F. W. The development of dietary standards. *Canad. J. Pub. Health* 36: 232-239. June 1945. 449.8 P964
- 14540 \*PREYER, A. T. Nährwerterzeugung in verschiedenen Klimazonen. *Tropenpflanzer* 47: 25-27. Apr./June 1944. 26 T75
- 14541 RADICE, J. C. Introducción al estudio de la luz de Wood en la identificación de las sustancias alimenticias. *Asoc. Argentina de Dietologia Rev.* 3(9): 43-50. Jan./Mar. 1945. 389.9 As5
- 14542 RICE, E. S. Digestion - balanced rations. *Milling* 105(1): 14, 16. July 7, 1945. 298.8 M622
- 14543 RORTY, J., and NORMAN, N. P. All the food that's fit to eat. *Harper's Mag.* 191: 138-144. Aug. 1945. 110 H
- 14544 MONTIER, E. Food poisoning. *Culinary Rev.* 13(10): 5. July 1945. 389.8 C89
- 14545 SAINSBURY, H. Some notes on the nutrition of country children in southern Italy. *Med. Off.* 73: 207-208. June 30, 1945. 448.8 M462
- 14546 SCHOUR, I., and MASSLER, M. The effects of dietary deficiencies upon the oral structures. *III. Amer. Dent. Assoc. J.* 32: 1022-1030. Aug. 1, 1945. 448.8 Am322
- 14547 SCHULTZ, H. W. Food patterns throughout the year. *Martha Logan's Food News and Views. B.* 20, p. 2. June/July 1945. 389.8 M36
- 14548 SOGANDARES, L. Sugestiones sobre nutrición a desarrollar en este país. *Panama. Min. de Agr. y Com. Rev. de Agr. y Com.* 4(45): 19-21. May 1945. 8 B3291
- 14549 STAFFORD, J. Hints on food and diet. *Chemistry* 18(11): 27-32. July 1945. 381 J826A
- Meal planning to avoid nutrition ills.
- 14550 STARE, F. J., HEGSTED, D. M., and MCKIBBIN, J. M. Nutrition. *Ann. Rev. Biochem.* 14: 431-468. 1945. Ref. 381 An7
- 14551 TRICHMANN, E. Oranges in the diet. *Union So. Africa. Dept. Agr. and Forestry. Inform. Housewives, No. 60*, 2 p. Pretoria, 1945. 24 So82I
- 14552 VIEHOEVER, A. Food aspects in Latin America. In *Verdoorn, F., ed. Plants and plant science in Latin America*, p. 171-174. Waltham, Mass., Chronica Botanica Co., 1945. Ref. 453 V58
- 14553 VIRTUE, R., and MCHENRY, E. W. Comparison of observed intakes and recommended allowances of calories. *Canad. J. Pub. Health* 36: 240-244. June 1945. 449.8 P964
- 14554 WALLACE, H. S. Goats' milk for eczema. *Brit. Goat Soc. Ybk.* 1945: 39. 40.19 B77
- 14555 WATT, J. An outbreak of Salmonella infection in man from infected chicken eggs. *Pub. Health Rpts.* 60: 835-839. July 20, 1945. 151.65 P96
- 14556 WOLBACH, S. B. Pathology in relation to nutritional research. *Nutr. Rev.* 3: 193-195. July 1945. 389.8 N953
- 14557 ADAM, W. B. Vitamin C content of canned potatoes and canned peas. *Bristol U. Fruit and Veg. Preserv. Res. Sta. Ann. Rpt.* 1944: 20-27. 389.9 B77A
- 14558 ANDERSON, G. K. The importance of protein in diet-therapy. *Amer. Dietet. Assoc. J.* 21: 436-439. July/Aug. 1945. 389.8 Am34
- 14559 ANDERSON, R. K., and MILAN, D. F. Bio-microscopy of the eyes in evaluation of nutritional status. 2 parts. *J. Nutr.* 30: 11-24. July 10, 1945. 389.8 J82
- Part 1, conjunctival changes. Part 2, corneal vascularization.
- 14560 ANDREAE, W. A., CHALMERS, E. A., and MCFARLANE, W. D. Legume and cereal sprouts as a dietary substitute for fresh vegetables. *Sci. Agr.* 25: 504-523. Apr. 1945. 7 Sci2
- 14561 ANDROSS, M. Some aspects of the waste problem: cooking and plate waste. *Food [London]* 14: 176. July 1945. 389.8 F738
- 14562 BARNES, R. E., and others. Measurement of the growth-promoting quality of dietary protein. *Cereal Chem.* 22: 273-286. July 1945. 59.8 C33
- J. E. Maack, M. J. Knights, and G. O. Burr, joint authors.
- 14563 BARTON-WRIGHT, E. C., EMERY, W. B., and ROBINSON, F. A. Nuevos componentes del complejo vitamínico B. *Asoc. Argentina de Dietologia. Rev.* 3(9): 40-42. Jan./Mar. 1945. 389.9 As5
- 14564 BELL, H. The health value of wine. *Wine Rev.* 13(7): 9, 16-17. July 1945. 390.9 W722
- 14565 BJORNSON, J. Vitamin A in butter has its ups and downs. *Agr. Leaders' Digest* 26(6): 18. July 1945. 275.28 Am3
- 14566 BOOTH, V. H. Extraction and estimation of carotene from foodstuffs. *Soc. Chem. Indus. J.* 64: 162-169. June 1945. 382 M31
- 14567 CAHILL, W. M. Methods for the determination of the nutritive value of proteins. *Amer. Dietet. Assoc. J.* 21: 433-435. July/Aug. 1945. 389.8 Am34
- 14568 \*CHATTERJEE, D. K. Processed soya bean in balancing Indian diets. *Sci. and Cult.* 10: 497-501. (Concl.) May 1945. 475 Sci24
- 14569 CLIFCORN, L. E. Variables influencing vitamin content of processed foods. *Food Packer* 26(9): 46-48. Aug. 1945. 286.83 C165
- 14570 CRAVIOTO, R. O., and others. Nutritive value of the Mexican tortilla. *Science* 102: 91-93. July 27, 1945. 470 Sci2
- R. K. Anderson, E. E. Lockhart, F. de P. Miranda, and R. S. Harris, joint authors.
- 14571 DANIEL, L., and NORRIS, L. C. The riboflavin, niacin and thiamine content of dried leguminous seeds. *J. Nutr.* 30: 31-36. July 10, 1945. 389.8 J82
- 14572 DOAN, F. J. Canned health. *Milk Plant Monthly* 36(7): 62-63. July 1945. 44.8 C864
- Nutritive value of evaporated milk.
- 14573 ESCUDERO, A., and others. Sobre el contenido de caroteno, tiamina, riboflavina, ácido ascórbico y ácido nicotínico de algunas muestras de frutas de la cosecha del año 1943. *Asoc. Argentina de Dietologia. Rev.* 3(9): 67-72. Jan./Mar. 1945. 389.9 As5
- M. L. Herráiz, H. G. de Alvarez Herrero, M. A. Lasarte, and A. Benedetto, joint authors.
- 14574 FACCHINO, A. Health value of ice cream. *New Health* 20(6): 9, 22. June 1945. 449.8 N45
- 14575 FRAPS, G. S., and MEINKE, W. W. Relative values of carotenes in foods as measured by storage of vitamin A in livers of rats. *Food Res.* 10: 187-196. May/June 1945. 389.8 F7322
- 14576 FREEMAN, H. C. What has phytic acid to do with bread? *Arkady Rev.* 22: 38-42. July 1945. 389.8 Ar4



- 14577 FRITZ, J. C. Fat-soluble vitamins. *Ann. Rev. Biochem.* 14: 525-560. 1945. Ref. 381 An7
- 14578 GROSS, M. Z. Adventuring in vegetables. *Hygeia* 23: 606, 608. Aug. 1945. 449.8 H993  
Nutritive value.
- 14579 HARDING, W. A. Vitamins from grass. *Farm and Ranch* 64(7): 16. July 1945. 6 T31  
As human food.
- 14580 HARMON, E. M. Research points to greater butter values. Better feeding practices increase vitamin A potency. *Dairy World* 24(2): 10-12, 51. July 1945. 44.8 D1423
- 14581 \*HEIMANN, W. Vitaminbestimmung in gefärbter, A-vitaminisierter margarine. *Z. f. Untersucht. der Lebensmitl.* 85: 502-507. June 1943. 384 Z39
- 14582 HOLLINGER, M. E., and COLVIN, D. Ascorbic acid content of okra as affected by maturity, storage and cooking. *Food Res.* 10: 255-259. May/June 1945. 389.8 F7322
- 14583 HOVE, E. L., CARPENTER, L. E., and HARREL, C. G. The nutritive quality of some plant proteins and the supplemental effect of some protein concentrates on patent flour and whole wheat. *Cereal Chem.* 22: 287-295. July 1945. 59.8 C33
- 14584 \*JACQUOT, R. La farine de tournesol comparée à la farine de soja comme aliment protidique. *Soc. Sci. d'Hyg. Aliment. B.* 32: 80-83. 1944. 389.9 SolB
- 14585 JOSEM, S. Contenido en acido nicotínico de algunas harinas Argentinas. *Asoc. Quím. Argentina An.* 32: 185-196. Sept. 1944. 385 SolA
- 14586 IAL, G. B. Is there a "youth" vitamin? *J. Living* 11(2): 19-21. Aug. 1945. 389.8 J822  
Vitamin A.
- 14587 LIMA, E. J. La miel; consideraciones medico-dietéticas. *Pro-Vida* 26(287): 20-22. July/Aug. 1945. Ref. 475 P942
- 14588 LINEWEAVER, H., and JENSEN, E. F. Non-proteolytic, nonoxidative enzymes. *Ann. Rev. Biochem.* 14: 69-90. 1945. Ref. 381 An7
- 14589 MCMATH, C. W. Cotton seed prove source of nutritious human food. *Cotton Digest* 17(43): 20-21. July 21, 1945. 286.82 C822
- 14590 MCMATH, C. W. Cottonseed protein as a human food. *Cotton and Cotton Oil Press* 46(15): A3-A4. July 28, 1945. 304.8 C822
- 14591 MCWHIRTER, L. Canned vegetables as source of vitamin C. *Miss. Farm Res. [Miss. Sta.]* 8(7): 8. July 1945. 100 M69M1
- 14592 MALABAR, P. "Baked" sunshine for your nerves. *J. Living* 11(2): 35-36. Aug. 1945. 389.8 J822  
Value of fish in the diet.
- 14593 MAWSON, E. H., and KON, S. K. Vitamin-C content of milk as consumed. *Lancet [London]* 249: 14-15. July 7, 1945. 448.8 L22
- 14594 MILLER, C. D. Thiamin content of Japanese soybean products. *Amer. Dietet. Assoc. J.* 21: 430-432. July/Aug. 1945. 389.8 Am34
- 14595 NOBLE, I., and WADDELL, E. Effects of different methods of cooking on the ascorbic acid content of cabbage. *Food Res.* 10: 246-254. May/June 1945. 389.8 F7322
- 14596 NORRIS, L. C., and HEUSER, G. F. Water-soluble vitamins. *Ann. Rev. Biochem.* 14: 469-524. 1945. 381 An7
- 14597 PAVCEK, P. L., HERBST, E. J., and ELVEHJEM, C. A. The nutritional value of telang livers. *J. Nutr.* 30: 1-9. July 10, 1945. 389.8 J82
- 14598 PUGSLEY, L. I., MORRELL, C. A., and KELLY, J. T. A survey of the vitamins A and D potencies of the liver oil of Atlantic cod (*Gadus Morrhua* L.). *Canad. J. Res. Sect. F, Technol.* 23: 243-252. July 1945. 470 C16F
- 14599 RAGER, C. Goat milk does work. *Amer. Dairy Goat News* 7(2): 3, 20. Aug. 1945. 40.18 Am34  
Nutritive value.
- 14600 \*RANDOIN, L. Les céréales, base de la nourriture humaine - , l'équilibre alimentaire et la santé des peuples. *Soc. Sci. d'Hyg. Aliment. B.* 32: 55-79. 1944. 389.9 SolB
- 14601 RICHTER, C. P. Nutritive value of dextrin-maltose determined by the single-food choice method. *Soc. Expt. Biol. and Med. Proc.* 59: 260-263. June 1945. 442.9 Sol
- 14602 ROBERTS, F. New wonders with proteins. *J. Living* 11(2): 29-34. Aug. 1945. 389.8 J822
- 14603 ROBERTSON, J. D. The preparation and biological effects of iodinated proteins. 5. The effect on basal metabolism of milk from cows fed with iodinated protein. *J. Endocrinology* 4: 300-304. July 1945. 448.8 J8293
- 14604 \*ROTH, H., and SCHUSTER, P. Über die bestimmung der nikotinsäure (antipellagra-vitamin) in pflanzen. *Vorratspflege u. Lebensmittelforsch.* 5: 308-313. July/Sept. 1942. 389.8 V91
- 14605 RUBIN, S. H., JAHNS, F. W., and BAUERNFEIND, J. C. Determination of vitamin C fruit products. *Fruit Prod. J. and Amer. Food Mfr.* 24: 327-330, 344, 350. July 1945. 389.8 F94
- 14606 RUCHE, H. A. Vitamin "A" in butter. *Creamery J.* 56(8): 8, 29-30. Aug. 1945. 44.8 C86
- 14607 SARETT, H. P., and CHELDELIN, V. H. Thiamine, riboflavin and nicotinic acid retention in preparation of overseas hams and bacons. *J. Nutr.* 30: 25-30. July 10, 1945. 389.8 J82
- 14608 SAYRE, P. M. "Antibioticos" y vitaminas. *Panama. Min. de Agr. y Com. Rev. de Agr. y Com.* 4(45): 24-25. May 1945. 8 R3291
- 14609 SHERMAN, H. C., and CAMPBELL, H. L. Stabilizing influence of liberal intake of vitamin A. *Natl. Acad. Sci. Proc.* 31: 164-166. June 1945. 500 N21P
- 14610 STEWART, C. P. Destruction of nutrients by cooking. *Food [London]* 14: 175-176. July 1945. 389.8 F738
- 14611 TEICHMANN, E. Spinach in the diet. *Union So. Africa. Dept. Agr. and Forestry. Inform. Housewives*, No. 64, 2 p. Pretoria, 1945. 24 So82I
- 14612 WATSON, S. J. Loss of nutrients in the conservation of farm produce and of animal feeding-stuffs. (Abs.) *Food [London]* 14: 175. July 1945. 389.8 F738
- 14613 WITTWER, S. H. Some nutritional aspects of green leafy vegetables. *Sci. Monthly* 61: 71-72. July 1945. 470 Sci23
- 14614 \*X. Die resorbierung des carotins aus pflanzenprodukten beim menschen. *Schweiz. Milch. Ztg.* 71: 240. June 29, 1945. 44.8 Sch92

## MISCELLANEOUS

## GENERAL

- 14615 BATES, M. The advantage of the tropical environment for studies on the species problem. In *Verdoorn, F., ed. Plants and plant science in Latin America*, p. 235-236. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58
- 14616 HERNANDO, D. Significado nacional de los congresos rurales. *Buenos Aires y La Pampa*, No. 79, p. 38-39. Apr. 1945. 9 B868
- 14617 CARL, G. C., and HARDY, G. A. Flora and fauna of the Paradise Mine area, British Columbia. *Brit. Columbia. Prov. Mus. Nat. Hist. and Anthropol.* 1944: C18-C38. 1945. 517 B77
- 14618 CESAR, G. O Serviço de Fomento em Pernambuco. *Pernambuco (State). Sec. de Agr., Indús. e Com. B.* 11(3/4): 12-14. July/Dec. 1944. 9.2 P423



14619 CLARK, N. M. They're bitin' in the lower pasture; that farm pond, with a little management, can become a fisherman's paradise, yielding extra fun and food. *Country Gent.* 115(8): 14, 44-45. Aug. 1945. 6 C833

14620 \*CLAUS, F. Les publications agricoles relatives au Congo Belge. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 163-167. 26 In863

14621 COCKERELL, T. D. A. Problems of nomenclature [in the natural sciences]. *Nature* [London] 155: 548. May 5, 1945. 472 N21

14622 \*DEPARDON, L., and BURON, P. Observations agronomiques sur la Sologne. *Acad. d'Agr. de France, Compt. Rend.* 27: 985-1003. Oct. 29/Nov. 5, 1941. 14 P215Bc

Climate, geology, soils, principal crops, and the need for reforestation and drainage.

14623 FUSSELL, G. E. History and agricultural science. *Agr. Hist.* 19: 126-127. Apr. 1945. 30.98 Ag8

14624 LAMERS, T. La lutte contre les rongeurs. *Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.)* 2: 53-59. Mar. 1945. 8 R327

14625 LANCUM, F. H. Wild animals and agriculture. 4. Squirrels - red and grey. *Gt. Brit. Min. Agr. Agriculture* 52: 180-183. July 1945. 10 G79J  
Squirrels as pests.

14626 LOUIS-MARIE, PIERRE. L'Institut d'Oka, après la guerre. *Rev. d'Oka* 19: 69-72. May/June 1945. 7 Oki

14627 MCDUGALL, F. L. The Food and Agriculture Organization of the United Nations. *United Nations Interim Comm. Food and Agr. Inf. Doc.* 27, 2 p., processed. Washington, D. C., 1945. 389.9 Un36

14628 MAUBERT, J. Como iniciar un pequeño criadero de ranas. *Chacra* 15(175): 61. May 1945. 9 C34

14629 NEWTON-WHITE, E. Our untapped reservoir of employment. *Forest & Outdoors*, July 1945, p. 171. 173. 99.8 G16

Includes discussion on the conservation of natural resources.

14630 \*PENET, P. "L'oasisme, en Afrique mineure; rôle de l'administrateur dans la tutelle d'une oasis. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 572-582. 26 In863

Need for safeguarding water resources, combatting pests, promotion of the date palm as chief crop, and draining the land.

14631 PIQUET, H. S. The economic setting of the FAO. *United Nations Interim Comm. Food and Agr. Inf. Doc.* 24, 11 p., processed. Washington, D. C., 1945. 389.9 Un36

14632 PORTELANCE, R. L'Institut Agricole d'Oka et l'Ontario français. *Terre de Chez Nous* 17(39): 13. July 4, 1945. 7 T27

14633 RÉGNIER, R. Le problème de la dératisation des campagnes. *Acad. d'Agr. de France. Compt. Rend.* 30: 74-77. Jan. 26/Feb. 2, 1944. 14 P215Bc

14634 \*RINGOET, A. L'activité de l'Institut National pour l'Étude Agronomique du Congo Belge. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 615-625. 26 In863

14635 ROSE UGARTE, L. Instituto de Investigaciones Económicas Agrícolas [Peru]. *Agronomía* [Lima] 9(38): 41-43. Oct. 1944. 9.8 Ag83

14636 THAYSEN, A. C. Microbiology; its basic concept and its future. *Nature* [London] 155: 564-567. May 12, 1945. 472 N21

14637 UNITED NATIONS INTERIM COMMISSION ON FOOD AND AGRICULTURE. *United Nations Food and Agriculture Organization near establishment. United Nations Interim Comm. Food and Agr. Inf. Doc.* 25, 2 p., processed. Washington, D. C., 1945. 389.9 Un36

14638 U. S. PRESIDENT (FRANKLIN D. ROOSEVELT). Message from the President. Transmitting the FAO constitution to Congress. *United Nations Interim Comm. Food and Agr. Inf. Doc.* 26, 2 p., processed. Washington, D. C., 1945. 389.9 Un36

14639 WARDLAW, C. W. O Imperial Colegio de Agricultura de Trinidad. *Campo* [Rio de Janeiro] 16 (183): 21. Mar. 1945. 9.2 G15

14640 WILLIAMS, C. B. Genetics in relation to diseases of animals and plants. *Nature* [London] 155: 674-675. June 2, 1945. 472 N21

14641 WISCONSIN, CONSERVATION COMMISSION. Wisconsin conservation laws, 1943 - 1944. *Wis. Conserv. Comm. P.* 702, 355 p. Madison, 1944. 279.9 W75P

Laws relating to the Commission and its powers, fish and game, public lands and State planning, and forestry.

#### HISTORY AND BIOGRAPHY

14642 ALGAR, J. Prof. Thomas J. Nolan [1889-1945]. *Nature* [London] 155: 663-664. June 2, 1945. 472 N21

14643 \*ALLOUGE, P. Gabriel Dismier (1856-1942). *Soc. Bot. de France. B.* 89: 226-227. Oct./Nov. 1942. 451 F84B

14644 BARNHART, J. H. Robert S. Williams [1859-1945]. *N. Y. Bot. Gard. J.* 46: 146-147. June 1945. 451 N48J

14645 \*BLARINGHEM, L. Pierre Allorge (1891-1944) et la géographie botanique raisonnée. *Ann. des Sci. Nat., Bot. (ser. 11)* 5: A-V. 1944. 450 An75

List of his publications.

14646 BONNER, J. C. The plantation overseer and Southern nationalism as revealed in the career of Garland D. Harmon. *Agr. Hist.* 19: 1-11. Jan. 1945. 30.98 Ag8

14647 \*BORET, V. Un centenaire à fêter: celui de Jacques Bujault; "Jacques Bujault, 1771-1842, et sa méthode de vulgarisation agricole." *Acad. d'Agr. de France. Compt. Rend.* 28: 646-651. Dec. 9/23, 1942. 14 P215Bc

14648 \*BORET, V. Un précurseur d'Olivier de Serres: Charles Estienne et sa "Maison Rustique." *Acad. d'Agr. de France. Compt. Rend.* 28: 115-121. Jan. 21/28, 1942. 14 P215Bc

14649 \*CAZIOT, P. L'oeuvre d'Olivier de Serres. *Acad. d'Agr. de France. Compt. Rend.* 27: 803-807. July 16, 1941. 14 P215Bc

Promotion of agriculture after wartime devastation during the reign of Henry IV.

14650 CHALK, L., and HOWARD, A. L. Prof. Samuel J. Record [1881-1945]. *Nature* [London] 155: 627. May 26, 1945. 472 N21

14651 CONE, C. B. Edmund Burke, the farmer. *Agr. Hist.* 19: 65-69. Apr. 1945. 30.98 Ag8

14652 \*DAVY DE VIRVILLE, A. Léon Dufour. *Soc. Bot. de France. B.* 89: 15-18. Jan./Mar. 1942. 451 F84B

14653 DOWNER, H. E. Historical sketches--David Douglas, 1798-1834. *Gard. Chron. Amer.* 49: 182. July 1945. 80 G1632

14654 \*DUBOURG, J. Henri Colin [1880-1943]. *Assoc. des Chim. B.* 60: 97-103. Mar./Apr. 1943. 383 As7

14655 \*ÉVRARD, F. Notice sur Henri Chermeson [1885-1939]. *Soc. Bot. de France. B.* 87: 262-268. Oct./Dec. 1940. 451 F84B

List of his publications.

14656 FAWCETT, H. S. Peter Henry Rolfs, 1865-1944. *Phytopathology* 35: 491-497. July 1945. 464.8 P56

List of his publications.

14657 \*GALAVIELLE, L. Edmond Neyraut [1859-1942]. *Soc. Bot. de France. B.* 89: 217-218. Oct./Nov. 1942. 451 F84B



## INTER-AMERICAN RELATIONS

14658 GARCILASO, R. A. "Pioneers" del agro americano: Ildefonso Simoes Lopes, propulsor de la enseñanza agrícola en el Brasil. Chacra 15(176): 67. June 1945. 9 C34

14659 \*GRAND, R. Olivier de Serres. Acad. d'Agr. de France. Compt. Rend. 27: 1008-1014. Nov. 12/19, 1941. 14 P215Bc

14660 GRAVES, H. S. Samuel James Record, 1881-1945. Yale U., School Forestry Trop. Woods, No. 82, p. 3-9. June 1, 1945. 99.08 YlTr

14661 HOLLAND, C. W. The late Henry Tryon 1856-1943. Queensland Nat. 12: 117-118. May 1945. 410 Q3

14662 \*HUMBERT, H. Notice sur Paul Danguy 1862-1942. Soc. Bot. de France. B. 89: 249-252. Dec. 1942. 451 F84B

List of his publications.

14663 HUNNICUTT, B. H. Una mujer de ciencia excepcional: la botánica Agnes Chase. Cuba. Min. de Agr. Rev. 28(2): 71-73. Apr./June 1945. 8 Ag88Re

14664 JORDAAN, J. J. Poultry men and women as I knew them: the late Johan Abraham Theron. So. African Poultry, Pigeon and Bird Mag. 51: 109. May 1945. 47.8 So83

14665 \*JOSSEAND, M. Le Dr. Philibert Riel (July 5, 1862-Dec. 26, 1943). Soc. Linn. de Lyon. B. Mens. 13: 35-40. Mar. 1944. 505 L992B

List of his publications.

14666 \*KLEINE, F. K. Erinnerungen an Robert Koch. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 51/49: 357-359. Dec. 18, 1943. 41.8 D482

14667 \*LENGLEN. Une curieuse figure agricole: Le Marechal Bugeaud. Acad. d'Agr. de France. Compt. Rend. 30: 248-251. 1944. 14 P215Bc

14668 MITCHELL, C. W. There is a new breath of confidence in the appointment of Clinton P. Anderson as Secretary of Agriculture and War Food Administrator. Berkshire News 10(9): 6. July 1945. 46.8 B454

14669 ORTON, C. R. Leon Hatchig Leonian, 1888-1945. Science 102: 25-26. July 13, 1945. 470 Sc12

14670 REYES, A. Panorama del Brasil. Soc. Mex. de Geog. y Estadía. B. 60: 341-350. Mar./Apr. 1945. 516 M57B

Notes the agricultural stages in Brazil's history.

14671 \*SCHMIDT, H. Elisabeth Schultz und ihre blumenbilder. Natur u. Volk 73: 292-293. Nov. 1943. 509 F856

14672 \*SEÑAS ENCINAS, F. Un ilustre loader del campo; el centenario de Fray Antonio de Guevara. Agricultura [Madrid] 14: 196-197. Apr. 1945. 15 Ag84

14673 SMITH, G. S. M. A. Carleton, pioneer durum wheat scientist. N. Dak. Agr. Expt. Sta. Bimo. B. 7(5): 3-7. May/June 1945. 100 N813B

14674 STANDLEY, P. C. Samuel J. Record: an appreciation. Yale U., School Forestry Trop. Woods. No. 82, p. 10-13. June 1, 1945. 99.08 YlTr

14675 TRUMAN, H. L. A short history of the C. S. T. A. [Canadian Society of Technical Agriculturists]. C. S. T. A. Rev., No. 45, p. 33-42. 44. June 1945. 7 C167C

14676 \*URBAIN, A. Allocution prononcée aux obsèques de M. le Professeur Louis Germain. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 370-372. Oct./Dec. 1942. 410.9 P213

14677 \*URBAIN, A. Allocution prononcée aux obsèques de M. le Professeur P. Allorge, Paris, 25 Janvier 1944. Paris. Mus. Natl. d'Hist. Nat. (ser. 2) 16: 11-13. Jan./Feb. 1944. 410.9 P213

14678 WILLIAM FARRER centenary. Queensland Agr. J. 60: 212-213. Apr. 1945. 23 Q33

14679 WILLIAMS, W. L. Recollections of, and reflections upon sixty-five years in the veterinary profession. Cornell Vet. 35: 167-190. (To be cont.) Apr. 1945. 41.8 C81

14680 PEEDE, L. G. El Instituto Interamericano de Ciencias Agrícolas, Turrialba, Costa Rica; preparación para su apertura oficial. Hacienda 40: 330-331. July 1945. 6 H11

14681 RYERSON, K. A. Agricultural scholarships and inter-American relations. In Verdoorn, F., ed. Plants and plant science in Latin America, p. 236-237. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

14682 THIRD Inter-American Conference on Agriculture; announcement of agenda and United States delegation; agricultural planning for peace and future prosperity. U. S. Dept. State. B. 13: 58-62. July 8, 1945. 150 B87

Prepared in collaboration with C. L. Willard and L. C. Nolan.

## METEOROLOGY

14683 ROBLES RAMOS, R. Comentario: la importancia de los estudios del clima solar en la República Mexicana. Irrig. en Méx. 26(1): 91-97. Jan./Mar. 1945. 55.8 Ir76

The importance of such studies to agriculture is pointed out.

14684 SANDOVAL, O. R. El clima solar de Tacubaya, México, D. F., y tabla del número mensual de manchas solares desde 1749 hasta 1944. Irrig. en Méx. 26(1): 61-90. Jan./Mar. 1945. 55.8 Ir76

## RESEARCH

14685 \*ANFIMOV, M. V. Svodnyĭ plan nauchno-issledovatel'skikh rabot Instituta Zernovogo Khoziaistva Ūgo-Vostoka SSSR i seti ego opytnykh stantsii na 1943 god. Comprehensive plan of research work of the Institute of the Grain Economy in the south-east of USSR and its system of experiment stations for 1943. Inst. Zern. Khoz. Ūgo-Vostoka SSSR. Inform.-nauch. B. 1, 20 p. Saratov, 1943. 20 Sa7

14686 ARNOLD, H. C. Agricultural Experiment Station, Salisbury. Annual report of experiments, season 1943-44. Rhodesia Agr. J. 42: 129-142. Mar./Apr. 1945. 24 R34

Rotation and fertilizers for field crops.

14687 \*BALDRATI, I. Di un servizio di sperimentazione e consultazione agraria per i possedimenti africani d'Italia. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 17-23. 26 In863

14688 BENATAR, R. Experimentación agrícola y... experiencia. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 35: 71-72. May/June 1944. 8 R323

14689 ELIAS TEJERA, G. Una visita a la Granja Experimental de Divisa. Panama. Min. de Agr. y Com. Rev. de Agr. y Com. 4(44): 10-12. Apr. 1945. 8 R3291

14690 CALDWELL, R. M. Farmers put their O. K. on Oklahoma research. Farm and Ranch 64(8): 6-7. Aug. 1945. 6 T31

On the Research Foundation of the Oklahoma Agricultural and Mechanical College at Stillwater.

14691 \*GRUZZL, F. Das versuchswesen im dienste der landwirtschaft [Hungary]. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 160-165. 1942. 18 G31A

14692 HAMMOND, E. Experimental farm at Morden is Manitoba's proving ground. Family Herald and Weekly Star 76(26): 35. June 27, 1945. 7 F21

The Manitoba Experimental Farm, Morden, Man.

14693 HERRICK, H. T. The Northern Regional Research Laboratory. TAPPI B. 55, p. 1-3. June 30, 1945. (Madison Sub-Branch Lib.)

14694 \*JACOB, C. La recherche scientifique et l'agriculture. Acad. d'Agr. de France. Compt. Rend. 28: 278-292. Mar. 4, 1942. 14 P215Bc



14695 \*KALACHIKOV, A. Kratkie itogi rabot nauchno-issledovatel'skikh uchrezhdenii Ukrainy [Brief summary of the work of research institutions in the Ukraine]. *Sotsialist. Sel'sk. Khoz.* 16(3): 59-60. Mar. 1945. 281.8 S673

Ukraine. Narodnyi komissariat zemledelii [People's Commissariat of Agriculture].

14696 \*SOYER, L., and others. La station expérimentale de l'I.N.E.A.C. à Gandajika. *Cong. Internaz. di Agr. Trop. e Subtrop.*, 8, Tripoli, 1939. [P.] 2: 676-686. 26 In863

D. Soyer, J. Noyen, and Wouters, joint authors.

14697 WITT, L. W. Coöperative agricultural research and extension stations in Latin America. In Verdoorn, F., ed. *Plants and plant science in Latin America*, p. 240-241. Waltham, Mass., Chronica Botanica Co., 1945. 453 V58

#### NEW PERIODICALS AND SERIALS

14698 ARGENTINA. MINISTERIO DE AGRICULTURA. DIRECCIÓN FORESTAL. *Publicación Técnica*. No. 1, 1945. 21 p. Buenos Aires. 99.9 Ar3

14699 BOLIVIA. MINISTERIO DE AGRICULTURA, GANADERÍA Y COLONIZACIÓN. *Boletín*. Semimonthly. Vol. 1, No. 1, Mar. 15, 1945. 16 p. La Paz. 9.1 Ag83

14700 CANADA. DEPT. OF AGRICULTURE. MARKETING SERVICE. ECONOMICS DIVISION. *Agriculture Abroad*. Quarterly. Vol. 1, No. 1, June 1945. 28 p., processed. Ottawa. 281.9 C1642A

14701 CARNEGIE INSTITUTE OF TECHNOLOGY. *Quality Control Reports*. No. 1, May 1945. 9 p., processed. Pittsburgh 13. 280.9 P68  
For Office of Production Research and Development, War Production Board.

14702 CHILE. MINISTERIO DE AGRICULTURA. DIRECCIÓN GENERAL DE AGRICULTURA. COMITÉ DE EXTENSIÓN AGRÍCOLA. *Circular*. No. 1, Feb. 1945. 14 p. Santiago de Chile. 9.3 Ag87

14703 \*CH'UAN HSI NUNG MIN [FARMERS OF WEST SZECHUAN]. *Monthly*. Vol. 1, No. 3, Dec. 31, 1944. 12 p. Chengtu, China. 22.5 C472

14704 CONVENCION NACIONAL DE CIENCIAS ECONOMICAS Y DE ADMINISTRACION, 1st, AUG. 29/31, 1944. *Memo-ria*. 433 p. Montevideo, Avda. Agraciada 1464. 280.9 C7623

14705 CUBA. MINISTERIO DE HACIENDA. DIRECCIÓN GENERAL DE ESTADÍSTICA. *Boletín mensual de estadísticas*. Vol. 1, No. 1, Jan. 1945. 32 p. La Habana. 254.8 C893B

14706 \*DIE DEUTSCHE BRAUEREI. *Monthly*. No. 2, Feb. 15, 1945. 24 p. Nürnberg. 390.8 D48

Supersedes Allgemeine Brauer- und Hopfen-Zeitung, Allgemeine Braumeister-Zeitung, Der Bayerische Bierbrauer, Deutsche Brauwirtschaft, Tageszeitung für Brauerei, Sudetendeutsche Hopfen- und Brauerzeitung, Zeitschrift für das Brau- und Gärungsgewerbe Südostdeutschlands.

14707 DOMINICAN REPUBLIC. COMISIÓN DE DEFENSA DEL CAFÉ Y DEL CACAO. *Censo Cafetalero Nacional*, 1, 1945. 1944. 174 p. Ciudad Trujillo. 254.8 D7195

14708 EASTERN STATES CHRYSANTHEMUM SOCIETY. *Bulletin*. Quarterly. Vol. 1, No. 1, 1945. 12 p., processed. New York 17, 2049 Grand Central Terminal. 96.519 Ea7

14709 ECUADOR. MINISTERIO DE ECONOMÍA. DIRECCIÓN GENERAL DE ESTADÍSTICA Y CENSOS. *Cuadernos de Estadística*. [No.] 1, Feb. 1945. 28 p. Quito. 255.5 Ec96

14710 FAUNA. *Bimonthly*. Vol. 1, No. 1, Sept./Oct. 1944. 24 p. Valparaíso, Asociación de Pesca y Caza de Valparaíso y Kennel Club de Chile, Esmeralda No. 956. 410 F273

14711 FOOD; THE WASHINGTON NEWSLETTER. *Weekly*. Vol. 1, No. 1, Mar. 3, 1945. 4 p., processed. Washington 5, D. C., Goddard Washington Services, Inc., 1010 Shoreham Bldg. 389.8 F7397

14712 HERE'S WHO IN HORSES OF THE PACIFIC COAST; the official record of Pacific Coast horse shows, recording events of 1944. Vol. 1, 1945. 142 p. Encino, Calif.? 42.8 H42

Partial contents: What about the Morgan? by J. S. Dawley, p. 68-70; Palominos, by E. Fairbanks, p. 73; The Arabian horse, by E. H. Reese, p. 75; Show membership, by A. Van Sinderen, p. 83.

14713 INDIAN CENTRAL JUTE COMMITTEE. *Technological Research Pamphlet*. No. 1, Mar. 1944. 7 p. Calcutta. 73.39 In26T

14714 INDIANA. STATE CHAMBER OF COMMERCE. AGRICULTURAL DEPT. *Agricultural Department Booklet*. No. 1, Apr. 1945. 29 p. Indianapolis 4, Bd. of Trade Bldg. 281.9 In2L

14715 INSTITUTO DE SALUBRIDAD Y ENFERMEDADES TROPICALES. *Monografía*. No. 1, 1945. 241 p. Mexico. 449.9 M572M

14716 JOHN INNIS HORTICULTURAL INSTITUTION. *John Innis Bulletin*. Irregular. No. 1, 1945. 60 p. London, S. W. 19, Mostyn Road, Merton Park. 84 J61J

14717 LOUISIANA. DEPT. OF COMMERCE AND INDUSTRY. COMMERCE AND INDUSTRY AND ECONOMIC DEVELOPMENT COMMITTEE. *Newsletter*. Semimonthly. Vol. 1, No. 1, June 15, 1945. 4 p., processed. Baton Rouge.

14718 NATIONAL COUNCIL OF AMERICAN-SOVIET FRIENDSHIP. SCIENCE COMMITTEE. *Science Bulletin*. Monthly? Vol. 1, No. 1, Feb.? 1945. 11 p., processed. New York 16, 232 Madison Ave. 350.9 N216

14719 NEBRASKA CO-OPERATOR. *Semimonthly*. Vol. 1, No. 1, June 6, 1945. 8 p. Omaha, Associated Co-operatives. 280.28 N27

14720 PAPER SHIPPING SACK MANUFACTURERS' ASSOCIATION. *General Manual*. No. 1, Jan. 10, 1945. 24 p. New York 17, 370 Lexington Ave. 302.9 P1927

14721 SOCIEDADE CEARENSE DE AGRONOMIA. *Publicação*. No. 1, Apr. 1945. 7 p., processed. Fortaleza, Ceará, Brazil. 9.2 S614

14722 \*TIERÄRZTLICHE ZEITSCHRIFT. *Monthly*. No. 1, Oct. 1944. 16 p. Berlin SW 68, Wilhelmstr. 125. 41.8 T444

Supersedes Berliner und Münchener Tierärztliche Wochenschrift, Deutsche Tierärztliche Wochenschrift, Tierärztliche Rundschau, and Wiener Tierärztliche Monatsschrift.

#### CORRECTIONS

Call number in item 93, v. 7, No. 1, July 1945, should be 1.913 ~~E2E~~x84

Item 14646 has been substituted for item 5294, v. 7, No. 1, July 1945, which was incorrectly listed.



# AUTHOR INDEX

Item	Item	Item	Item
Åberg, E.....10514	Allen, E. J.....9754	Antipov-Karataev, I. N.....	Augier, J.....10609
Abbayes, H. des.....10168	Allen, H. R.....11414	11310	Aull, G. H.....9734
Abbott, C. E.....10291	Allen, S. W.....9989	Antonelli, G.....12868	Ault, C. W.....11852
Abbott, J. P.....12277,	Allington, F. D.....14275	Antonen, R.....12979	Auten, J. T.....11195
13463-4, 14473	Allison, C. C.....10294	Antoniani, C.....11121, 11405	Avanzi, E.....11011
Aberconway, Lord...10861-2	Allorge, P.....10144, 10170,	Antonio Casas, G.....12694	Aveline, L.....11975
Aberdeen, J. E. C....10292	10242, 10261-2, 10271,	Antunes, F. D.....14211	Averill, C. C.....11535
Abriquetta, F. de....13271	10399-402, 14643	Appelman, C. O.....9679	Avila, C. N.....11227
Accademia dei Georgofili,	Allorge, V.....10444, 10242	Appleton, Sir E. V....13245	Azy, B. d'.....11455
Florence.....9864	Almeida, J. L. de..13467-8	Appleton, W. C.....13469	
Ackerman, W. F.....13118	Aloisi Sobrinho, J...12987	Aragona, M. C. d'....14475	Babcock, H. E.....13208
Ackermann, D.....12460	Alp, H. H.....9775	Arana, F. E.....9581	Babko, E.....10517
Ackermann, E. A.....13425	Alpatov, V. V.....12907	Arend, A. G.....11595	Bacharach, A. L.....9979
Ackers, C. P.....11512	Alvarez Herrero, H. G. de.	Arènes, J.....10172-4	Bacon, L.....14011
Ackert, J. E.....12075	14573	Arens, L. E.....10740	Bader, A. K.....13111
Acosta V., L.....13722	Alves, B.....14092	Argentina. Comisión Na-	Badia, V.....14094
Acree, F., Jr.....12389	Alway, F. J.....10515	cional de Granos y Eleva-	Badonnel, A.....12892
Acuña, J.....10131	Amargos, J. L.....11008	dores. Dirección de	Baena V., M.....11355
Adair, W.....11754, 13035,	Ambrosini, G.....14292	Economía y Comercio de	Baez, J. R.....10779
13406, 13465, 13721	Ameel, D. J.....12075	Granos.....13667	Bagnall, D. J. T....13881
Adam, W. B.....14557	American Enterprise Assoc.	Argentina. Dirección	Bagnall, Mrs. H.....12279
Adames, G. E.....10043	9874	General de Comercio.	Bagnall, Mrs. R.....12286
Adams, B.....10078	American Feed Mfrs. Assoc.	Dirección de Política	Baier, W. E.....13574
Adams, J. C.....12986	11677	Comercial.....14476	Balles, E. L.....12391
Adams, J. R.....13244	American Geog. Soc....9887	Argentina. Ministerio de	Bailey, A. E.....13872
Adams, R.....9583	American Hist. Assoc.	Agricultura...10677, 12869	Bailey, C. W.....14033
Adams, T. M.....9746	Hist. Serv. Bd.....9856	Dirección Forestal.14698	Bailey, D. W.....11013
Adán Suazo, J.....14090	American Natl. Red Cross..	Ariño, M. de.....13150	Bailey, F.....14377
Addison, Viscount....9908,	9977	Ariz. Agr. Col. Ext. Serv.	Bailey, I. W.....10477
14091	American Vet. Med. Assoc..	9752-3	Bailey, L. H...10025, 10176
Agete, F.....10825	11693	Ark. Agr. Col. Ext. Serv..	Baillaud, E.....13669
Ahlgren, G. H.....9700, 9704	American Zinc Inst., Inc..	9754	Bain, H. M.....9589, 13976
Ahrendt, Mrs. A.....10863	9911	Arlet, J.....10276-7	Baird, J. H.....14504
Aicher, L. C.....11822	Amery, W. B.....13147	Armstrong, T. V.....13358	Bakalar, R.....13218
Aitken, M.....13207	Ames, O.....10171	Arnal, C.....10438	Baker, F. S.....10518
Ajroldi, P.....10079	Amick, W. R.....9786	Arnaud, G.....10329	Baker, J. A.....14212
Akkoyunlu, Z.....10804	Aniot, L. P.....11588	Arnaud, R.....10516	Baker, J. M.....9677
Aksu, S.....11080, 13278	Amos, A.....13110	Arnold, C. E.....14032	Bakhsh, M. S. K....13723
Akulova, N. S.....11741	Anstein, W. G.....11009	Arnold, H. C.....14686	Bakken, E. H.....14442
Ala. Agr. Expt. Sta.9652-7	Anafis.....11645	Arnold, J. R.....11987	Balaban, I. E.....12392
Alagappan, V.....13393	Anastasia, P.....14376	Arnold, T.....9909	Balachowsky, A.....12752
Alarcon Ch., F. J....11354	Anders, J.....13617	Arnould, L.....13837	Balavoine, P.....13359
Alarcón M., A.....13722	Anderson, B.....11054	Arnoux, J.....12754	Balazuc, J.....12609
Alariste, S.....14274	Anderson, B. P.....12092	Arny, D. C.....10330	Balasag, L.....12608
Alban, E. K.....10293	Anderson, C. P....13148-9,	Arredondo, J. M.....14484	Baldacci, E.....10331
Alberta. Univ. Col. of	14093	Arruda, S. C.....10383	Baldrati, I.....14687
Agr.....11178	Anderson, E.....10043	Artman, J. O....11454, 11534	Baldwin, J. T., Jr..10439
Alberti, M. M.....10864	Anderson, E. E.....12093	Ashcraft, L. M.....10868	Balevski, A. D.....12393
Albrecht, W. A.11193, 11225	Anderson, E. G.....10865	Ashton, E. R.....10869	Balfour, Mrs. I.....14378
Alcides Ocampo, J....13466	Anderson, G. K.....14558	Ashton, H.....13470	Balkridge, H.....13724
Alderks, O. H.....13835	Anderson, H. O.....9631	Ashton, J.....10081	Ball, R. F.....12095
Aldrich, W. W.....14474	Anderson, R.....14276	Ashton, W. M.....11680	Ballesteros Zendejas,
Aldrovandi, A.....11308	Anderson, R. F.....12636	Ashwell, D. A.....12806	J. L.....13472
Aleksandrov, V. G....10080	Anderson, R. K.14559, 14570	Askew, V.....12278	Ballinger, R. J.....11014
Alemanni, N. M.....14291	Anderson, W. A.....14210	Askinazi, D. L....11134-5	Ballu, T.....11561, 12942
Alessandretti, C.....10676	Anderson, W. S.....12990	Asmundson, V. S....12039,	Balthis, F. K.....10872
Alexander, A. K. S.12122-4	Andrade, B. M. de....11823	12094	Baltarotti, E.....13619
Alexander, C. P.....12693	Andrade, T. de.....13280	Asociación de Pesca y Casa	Bánffy, D. von.....14095
Alexander, L. J.....11192,	André, E.....9947, 13836	de Valparaíso.....14710	Banfield, F. S.....10403
11226, 11261	André, M.....12556-9	Asociación Nacional de	Bangham, W. H.....10043
Alexander, M. A.....10739	Andrae, W. A.....14560	Cafeteros, Venezuela.....	Banks, E.....12125
Alexander, O. R.....13193	Andréu, J.....11824	14221	Banti, G.....11473
Alexander, W.....11393	Andrew, J., Jr.....11010	Asociación Nacional de	Baranovsky, A.....14513
Alexander, W. H.....9678	Andrews, H. E.....10289	Ganaderos, Venezuela.....	Barba Gose, E.....13473
Alexievsky, A.....13702	Andrews, W. E.....13618	14221	Barbier, G.11136-8, 11229,
Alfend, S.....13279	Andrews, W. S.....10866	Asplund, R. F.....14334	11439
Algar, J.....14642	Andrieu, E. C.....14356	Asprea, V.....9971	Barclay, J. R.....11771
Allicata, J. E.....11851	Andross, M.....14561	Assmann.....11513	Barco, G. F.....13882
All-America Selections....	Anfimov, M. V.....14685	Associated Co-op....14719	Baril, V. S.....11554
9994	Angel, A. D.....11309	Association of Amer. Feed	Barker, H. D.....10082
All-India Vet. Assoc.	Angel Tobal, M.....11472	Control Off.....11677	Barker, M.....11853
Madras Branch.....11692	Angelini, F.....9995	Astort, A. J.....13668	Barkworth, H.....13360
All India Women's Conf....	Angevin.....12390	Astruc, H.....13281	Barley, E. D.12040, 12126-7
9983	Angevin, M.....12432	Atkeson, F. W.....11825	Barnard, R. S.....13151
Allahabad Agr. Inst..10009	Angle, P.....13987	Atkins, C. H.....13123	Barnes, E. E.....10780
Allan, G. F.....12207	Anley, G.....10867	Atkinson, L. J.....9541	Barnes, R. H.....14562
Allan, E. G.....9855	Antalfy, V. S. von..13988	Aubert, G.....10044, 11194	Barnhart, J. H.....14644
Allegri, E.....11503	Antes, W. M.....13122	Aubréville, A.....10175	Barnhart Women's Inst.....
Allen, A. J.....13121	Anthony, M. M.....12216	Audibert, Y.....12746	13063
Allen, C. K.....10169			



Item	Item	Item	Item
Baroffio, A. A.....11694	Bedetti, G.....11311	Bertrand, H.....12613	Bologna, L. M.....14103-4
Barquero Mora, H.....11170	Beeler, M. W.....13055	Bertrand, P.....10083, 10243	Bolivia. Ministerio de
Barr, R. J.....14477	Beer, K. E.....9858	Besemer, J. M.....13990	Agricultura, Ganadería y
Barre, H. W.....9951	Beeson, F. W.....12129	Bessonnet, E. C.....12463	Colonización.....14699
Barrett, M. F.....10177	Beeson, K. C.....11183	Bétrémieux, R.....11194	Bomhard, M. L.....10043
Barritt, J. K.....12912	Beeson, W. M.....11647	Betterer, E.....13283	Bonadonna, T.....14217
Barros, H. de.....14350	Bégué, H.....12396, 12444	Bettolo, A.....14294	Bonalume, W. L.12043, 12100
Barry, S. C.....13883	Beins, C. A.....13219	Bevan, A.....10043, 11456	Bond, C. A.....9537-40
Bartels, K. O.....9996	Beirne, B. P.....12807	Beveridge, W. H.....9860	Bond, T. E. T.....10523
Bartels, L. C.....10741	Beistline, W. R.....10881	Beynon, V. H.....9861	Bonde, R.....10336
Barthelmess, A.....10610	Bekkedahl, W.....13920	Bhalerao, G. D.....11697	Bonnefoy, F.....12561
Bartholomew, E. T...10519,	Belcaguy, P. J. M.....12118	Bhat, S. S.....9998	Bonner, D.....10625
13838	Belgium. Commission pour	Bhate, P. D.....10266	Bonner, J. C.....14646
Bartlett, J. W.....9703	l'Etude des Problemes	Bhide, B. V.....10631	Bonnerup, I.....10670
Bartling, C. A.....12041	d'Après-Guerre.....9923	Bhide, K. G.....13844	Bonnet, E.....10063
Bartolomei, A.....14063	Belgium. Ministère de	Bhupen.....12526	Bonney, V. B...13248, 13576
Barton, T.....12096	l'Agriculture et du	Bialyi, A. M.....11312	Bonsack, H.....10876
Barton-Wright, E. C.14563	Ravitaillement.....9859	Bianchedi.....13779, 13804	Bonvicini, M...10337, 10502
Bartram, M. T.....13884	Belgium. Ministère des	Bierly, I. R.....12988	Booth, H. A.....10650
Basaldela, E. P.....13394	Affaires Économiques....	Biesanz, J.....9924	Booth, V. H.....14566
Bashford, T. E.....13246	9859	Biesanz, M.....9924	Bord, G.....14278
Basilewsky, P.....12610	Belgium. Office Central de	Biffen, W.....10296	Bordas, J...11196-8, 11231
Bassi, E.....10742-5	Statistique.....9859	Bill, F. W.....11359	Borden, A. D.....9658
Basterrechea, L. de..11695	Belikov, V.....14214	Bingham, M. T.....10146	Borden Co.....13287
Bastisse, E. M.10047, 13309	Bell, E. J.....12560	Binkley, A. M.....10334	Bordères, O.....10000
Bastitta Giménez, F..14096	Bell, H.....14564	Birch, R. R.....11854	Boret, V.....14647-8
Basu, U. P.....13839	Bell, J.....14293	Bird, J.....12943	Borghese, R.....14295
Bate-Smith, E. C....13817	Bell, W. H.....11976	Birkett, C. B.13247, 13272,	Borgioli, E...11648, 11836
Bateman, M. E.....9857	Bellefeuille, E. de..14057	14478	Borzini, G.....10298, 11015
Bateman, S. D.....13112	Bellet, E.....13929	Birtwistle, V..12099, 13885	Boseck, J.....9656
Bates, E. M....11646, 12913	Belliveau, J. E.....14277	Bishop, C. P...11755, 11770	Boselli, G.....14296
Bates, M.....14615	Bellue, M. K.....11055	Bisson, J. E..13780, 13805,	Bosher, J. E.....10302
Bates, M. R.....10873	Belote, H. T.....12230	14479	Bosq, J. M.....12614
Bates, R. S.....10061	Beltran, E.....10062	Biiswell, H. H.....11827	Botha, J. P.....10748
Bathellier, J.....12893	Beltran, P. P.....14443-4	Bizzell, J. A.....9719	Botkin, C. W.....13474
Batra, K. C....13575, 13620	Belval, H.....10521, 10611,	Bjornson, J.....14565	Bottomley, C.....12026
Batt, G. H.....12394	10618	Black, J. J.....14215-16	Boucher, P.....13593
Battaglini, G.....10678	Ben-Adams, Z.....12076	Black, L. M.....9706, 9711	Bouget, C.....10472
Battha, P. von.....13725	Benassi, P.....10522	Blackford, F. W.....10335	Bouget, J.....10472
Bauer, W.....14047	Benatar, R.....14688	Blackwell, H. L.....12042	Bougy, E.....10617
Bauernfeind, J. C...13621,	Bendixen, H. A..9749, 13426	Blackwell, S. O.....12989	Boulogne, E.....10781
14605	Benedetto, A.....14573	Blake, F. G.....12560	Boulton, E. H. B.....9990
Baumer, W.....14197	Benegas, R.....13282	Blake, G. A.....11440	Bouly de Lesdaine, M.....
Bavendam, W...10332, 11564	Benesch, R.....13989	Blake, M. A.....9697, 9699	10032, 10280
Bavone, A. L.....13361	Benham, G. H.....11696	Blake, R.....12209-11	Bouquet, A. G. B.....9824,
Bawa, H. S.....12256	Bening, W.....13840	Blake, S. T.....10180	9827
Baxter, Sir T.13209, 13332,	Benn, H. W.....13547	Blake, T. A.....11773	Boureau, E.....10085
13395	Bennett, E.....10612	Blanc, A.....12944, 13548,	Bourelly, P.....10278
Bayard, A.....12695	Bennett, H. H.....11358	13623	Bourliere, F.....12870
Baylor, H. B.....11416	Benoist, R..10145, 10178-9,	Blanchard, E. E.....12787	Bourquin, J. S.....11536
Bayon, H. P.....12097	12785	Blanchard, R. A.....9573	Bourque, F.....12808-9
Beach, J. R.....12098	Bentley, J. R.....10746	Blank, R. J.....14102	Bousсенot, G.....9947
Beadle, G. W.....10625	Bentley, M. J.....10440	Blaringham, L.....14645	Boutaric, A.....13671-2
Beal, J. M.....10520	Benton, C.....12770	Blas Teixeira, G.....14689	Bouvrain, G.....10441-2
Beale, J. H.....10874	Benton, R. J.....11295	Blattner, R. J.....12595	Bowen, C. V.....10614
Beamer, R. H.....12753	Béraud, P.....13581	Bleier, P.....13818	Bowie, D. A.....13421
Beamish, H. V.....12395	Bergal, M.....10333	Blin, H.....11828, 12257,	Bowles, C.....13781
Beas, F. E.....9700, 11182,	Bergami, G.....11632	12354-5	Boyd, D. A.....14505
11230	Bergamin, J.....12612	Blodgett, E. C.....10297	Boyd, D. T.....13475-6
Beard, D.....11743	Berger, W. C.....12195	Blondelean, L.....9947	Boyer, L. A.....13295
Beard, J. S. P.....10404	Bergh, W. F.....11826	Blum, J.....14335	Boyle, A. M.....10384-5
Beard, J. W.....11743	Bergson, A. F.....11589	Boals, R. B.....11561	Boynton, D.....11232
Beare, J. A.....10355	Berinzaghi, B.....10613	Bobby, F. C.....12130	Boza Barducci, T....13477
Bearer, V. M.....10649	Berland, L.....12786	Bobko, E. V.....11140	Bozzini, G.....10837
Bearse, G. E.....12128	Berlitz.....13056	Bochenaki, F.....9862	Bradfield, E.....11649
Beasley, L. L.....14213	Bermudez Garcia, L. A....	Boddie, G. F.....11698	Bradwell, J.....11584
Beattie, T. E.....14097	10747	Böhme, O.....9999	Brady, D. E.....9815
Beatty, W. A.....10875	Bernard, R.....12103	Boerger, A....10084, 10500	Brady, F. J.....11956
Beaumont, A. B....11356-7	Bernaudo, D.....14616	Böttger, T.....12280	Braibant, M.....14105
Bechtel, H. E.....11825	Berner, L.....9997	Boeuf, F.....13666	Bramley, P.....14106
Beck, E. H.....13622	Bernett, A. W.....12462	Boggia, A.....9925	Branas, J.....13549
Beck, P.....12611	Bernhard Nocht-Institut	Boggs, H. H.....11774	Brand, C. J.....11233
Beck, W. A.....10529	fur Schiffs- und Tropen-	Boggs, H. H.....11774	Brandes, E. W.....10799
Becker, G.....10859, 11532	krankheiten...12728, 12750	Bohn, G. W.....10501	Brandt, J.....13333
Becker, J. A.....13977	Bernstein, S. P.....13152	Bohorquez Rubio, P...13284	Brandt, K.....9863
Beckerich, A..12914, 14050,	Bertelli, E.....12208	Bohanov, P.....11122	Brannon, D. E.....12397
14056, 14064-5,	Bertelli, J. C.....10295	Boinot, F.....10798, 13624	Branson, D. S.....12075
14098, 14379	Bertelli, L. K.....10295	Boisshot, P...11184, 11439,	Branton, C.....11846
Beckman.....13079	Berthault, P.....14101	13625	Branzburg, A. IU....11699
Beckman, H. J.11772, 13546,	Berthelot, C.....11569	Boizo, Baron de...13285-6	Brash, A. G.....11700
14099	Bertoli, E.....10826	Bolívar y Peltain, C....	Brasse-Brossard, L..14012,
Becquet, A.....14100	Bertrand, G....11139, 13670	12696	14380
Bedell, G. D.....9672			



Item	Item	Item	Item
Braun, O. G.....13656	Bucky, A.....13699	Calif. State Chamber of	Carter, D. G.....13083
Brauns, F. E.....11560	Buck, R. E.....13627	Com. Res. Dept.....9866	Carter, G. F.....10003
Bray, M. W.....11606	Buckhorn, W. J.....9574	Callan, E. M.....12399	Carter, M.....10608
Bray, R. D.....12231	Buckner, G. D.....9675	Callison, C. H.....11314	Carter, W. B.....11392
Bray, R. H.....11234	Bühler, C.....10879	Calvin, C. B.....12991	Carton, V.....13890
Brazelton, J. S.....13594	Bünger, W.....12373	Calvino, M.....10880	Carvajalino Jacome, J.....
Breakwell, E. J.....10503	Bueno, P.....12333	Calzada Benza, J.....11237	14337
Bréchet, P.....13581	Bueno, R. C.....12110	Camara Agrícola de	Carvajalino Jacome, L. J..
Breithaupt, L. R...9819-20	Buenos Aires (Province).	Venezuela.....14221	12401
Bresse, G.....10001,10063	Dirección General de	Camara de Productores de	Carvalho, M. O. de...14036
Bressou, C....11635,11988,	Higiene.....13082	Azúcar, Venezuela...14221	Casal Marquetti, J. R.....
12245	Bull, H.....10651	Cambridge Univ. Dept. of	11083
Bretherton, R. F....12810	Bull, S.....9669	Agr. Farm Econ. Branch...	Casale, L.....10340
Brétignière,14067,14107-9,	Bullock, B.....10087	12992	Casares, P. N.....11978
14218,14297,14381	Bunbury, E.....14035	Cameron, G. R.....12400	Casares, V. R.....11775
Brétignière, L.....10782,	Bunning, W.....13064-7	Camilla, S.....13288	Case, L. A..9829-31,9833-4
11296,11650,14066	Bunting, A. H.....11441	Camp, J.....9846	Casement, D. D.....11776
Bretón y Newhall, O. S....	Burch, D. S.....9562	Campbell.....9979	Casey, J.....10881
12464-5	Burch, G. I.....9865	Campbell, A. M.....14506	Cass, G. V.....13250
Breyer, A...12811-13,12853	Burch, J. W.....12356	Campbell, C. W.....11822	Casselberry, W. H....12349
Brian, P. W.....10615	Burdeniuk, A. F.....11990	Campbell, H.....13631	Cassell, R. L.....12377
Bridaroli, A. J.....12697	Burdick, H. J.....14383	Campbell, H. L.....14609	Cassez,.....14445
Brierley, W. G.....10847	Bureau of Raw Materials	Campbell, J. C.....11016	Castelbajac, de.....11979
Brierly, W. B.....14013	for Amer. Vegetable Oils	Campbell, K. O.....13230	Castello Carreras, S.12132
Briggs, F. A.....14336	and Fats Indus.....9931	Campos, A. R.....10395	Castiglioni, J. M.....13674
Briggs, W.....12308	Burgess, F.....12400	Campos, J. G.....10827	Castillo Calero, A...12527
Brimley, C. S.....12374	Burgess, R. N.....13036	Campton, E. W.....11651	Castle, C. V.....14279
Brink, V. E.....12945	Burgevin, H...10014,11123,	Camus, A....10147,10182-5,	Catala, R.....12815
Briolini, M.....10701	11185,11417,11442-3	10444-6,13378	Caton, S.....13084
Brioux, C.....11199	Burke, N. W.....13249	Canada. Bur. of Statis.	Catoni, G.....11017
Brister, W. C.....13153	Burnett, S. S.....13124	Agr. Branch.....9926	Cattaneo, V.....14301
Bristol, W. M.....14298	Burns, A. C.....11682	Canada. Dept. of Agr.	Cave, F. C.....10882
Britton, J. W...11977,11989	Burns, R. H.....11757	Mktg. Serv., Econ. Div..	Cavendish, R. A. E...12616
Brizi, A.....9864,9929	Buron, P.....11020,11187,	14700	Cavenne, P.....14067
Broach, R. T....9761,9763,	14622	Poultry Prod. Serv..9967	Cavina, R.....14068
9765-6	Burr, G. O.....14562	Canadian Council on Nutr..	Caziot, P.....14222,14649
Broadbank, W.....14034	Burrell, R. C.....13628	14507	Cecil, Viscount.....9938
Broadbent, V. V....13080-1	Burrell, R. W.....12733	Canadian Phytopath. Soc...	Cecil, S. R.....9666
Brobeck, F.....9978	Burström, H.....10566	10302	Cecil, W. J.....13550
Brodell, A. P.....12946	Burton, S. S.....11522	Candioli, P.....10303	Central Landowners' Assoc.
Brodie, N.....13841	Burton, W.....13887	Candura, G. S.....12814	Exec. Com.....13728
Broeg, W. E.....13930	Burum, D. H.....12886	Canestrini, G.....9971	Cepeda Guerra, E.....13482
Broin, J. de.....13886	Bush, V.....10064	Cañete, L.....10679	Cerighelli, R.....11124
Bromley, S. W.10299,12375,	Bushland, R. C.....12908-9	Canfield, T. H.....9691	Cerulli, E.....14302
12452	Bushnell, R. J.....10139	Cannon, M. F.....9553	Cesar, G.....14618
Brondo Whitt, G.....14219	Buss, Mrs. N.....12281	Cans, M. D.....10339	Cesar Victoria, J....13551
Bronn, H. G.....9970	Bussard, O.....10002	Canterbury Agr. Col.,	Chabannes, J.....11137
Bronson, T. E.....12758	Bustarret, J...10388,10784	Lincoln, N. Zeal...14268	Chabrolin, C.....11056
Brookings Inst.....9881	Buster, M. W.....13888	Canterbury Chamber of Com.	Chadefaud, M.....10447-8
Brookshire, S. R....13478	Butcher, F. G.....12436	14268	Chaffray, M.....12321
Broomhead, W. W....12077,	Butler, E.....11236	Cao-Pinna, M.....13231	Chalk, L.....14650
12131	Butler, W. C.....9956	Capanna, A.....13154,13481	Chalmers, E. A.....14560
Brown, B. A.....10749	Butler, W. J.....11758	Caprioli, M.....14300	Chamberlain, C.....12283
Brown, E.....12615	Buttner, E. E.....12078-9	Capt, J. C.....14357	Chamberlin, R. V....12563
Brown, F. R.....13479	Butts, J. S.....14523	Capus, J.....13289,14112	Chambere, E. E.....11702
Brown, H. D.....11235	Buvat, R.....10443	Carabia, J. P.10088,10148,	Chaminade, R.10616,11141-2
Brown, H. H.....10244	Buxton, A.....14521	10430	Champetier, G.....9947
Brown, J. G.....10384-5	Buzi, V. C.....14110,14299	Carayon, J.....12695	Chandler, R.....14481
Brown, J. R.....10877	Byers, G. B.....9795	Card, L. E.....13889	Chanev, K.....10728
Brown, M.....14220	Byrd, W.....9910	Cardenas Ramirez, J. E....	Chaney, M. S.....14508
Brown, N.....14382		11082	Chapman, H. L. R....10089
Brown, O. A.....12990	Cabal Martínez, E....13931	Cardinell, H. A.....9684	Chapman, H. W.....14385
Brown, P. D.....10878	Cabo de Vila Parodi, L....	Card, E. L.....9913	Chapman, V. J.....13991
Brown, R. G.....9679	12466	Carl, G. C.....14617	Charles, T. B.....12178
Brown, W. S.....10504	Cabrer Mestre, P....11200	Carlos Muello, A....11406	Charon, A. J.....12133-4,
Browne, R.....9912	Caburi, A.....13480	Carlson, R. F.....10497	12284-5,13456
Brownell, L. W.....12376	Cadena Santillan, J..14384	Carmichael, J. P....12993	Charron, G.....13427
Broyer, T. C.....9658	Cadier, R.....10672	Carncross, J. W.....9701	Chase, J. L. H.....10004
Brozzetti, P.....12315	Caffera, R.....13673	Carnegie Inst. of	Chastukhin, V. Ia....11201
Brubaker, D. D.....13396	Cahill, W. M.....14567	Technol.....14701	Chatterjee, D. K....14568
Brueckner, A. L.....11955	Cairaschi, E. A.....12754	Carnegie Inst. of Wash-	Chaudun, V.....12955
Bruner, M. H.....11570	Calac, E.....14111	ington.....10453	Chauvin, R....12617,12871
Bruner, S. C.....12894	Caldieri, S.....10727	Carneiro, V.....11991-2	Chavanne, L.....11084
Bruno, A.....12398,13626,	Caldwell, A. C.....9802	Carnevale, J. A.....10838	Checchi, J. C.....13675
13782,13842	Caldwell, J. S....13629-30	Carolis, V. de.....11836	Cheldelin, V. H.....14607
Bruno, F.....10086	Caldwell, N. E. H....12562	Caroselli, F. S.....14014	Chemin, E.....10186,10272
Bryant, L. R.....10338	Caldwell, R. M.....14690	Carpenter, C. D.....12195	Chenery, E. M.....11125
Bryce, D.....11855	Calif. Agr. Col. Ext.	Carpenter, L. E.....14583	Cheney, H.....11433
Buccar, M. de.....11590	Serv.....9755-8	Carroll, A. B.....12232	Cherian, B. A.....12468
Bucci, M.....10783,11081	Calif. Agr. Expt. Sta.....	Carroll, C.....14480	Cherian, M. C.....12469
Buchet, S.....10181	9658-61	Carroll, E.....12467	Chesnais, F.10187,10449-52
Buchholtz, W. F....10300-1	Calif. Dept. of Agr.	Carroll, W. E.....13727	Chevalier, A....10188-90,
Buchnev, E. N.....11701	Market News Serv.....9612	Carter, A. S.....9671	13155,13552,13584,14113



Item	Item	Item	Item
Chevigny, A. de.....13595	Coffey, J. S.....12309	Cook, C. P.....9572	Crowther, H. A. H...12994,
Chianese, L.....10005	Coffin, H. S.....13157	Cook, L. R.....13993	13428
Chiaromonte, A.....9929	Coghill, R. D.....10647	Cook, W. H.....13119	Cruz Riascos, L. C...13678
Chicago Nutr. Com.....9572	Cohen, R. M.....13158	Cooley, A. M.....13661	Csiki, L.....14388
Chieffi, A.....11993	Colfo, Y.....10505,10524	Cooper, G. H.....12080	Csukas, Z.....11778
Childers, N. F.....11085	Colas, G.....12618-22	Cooper, J. F.....11242	Cuba, G.....13933
Childs, J. F. L.....10304	Colas-Belcour, J.....12559	Cooper, J. L.....12712	Cuba. Ministerio de
Chile. Ministerio de	Colby, A. S.....10848	Cooper, M.....12045,12141	Hacienda. Dirección
Agricultura	Colby, W. G.....9680	Cooper, R. F. V.....12402	General de Estadística...
Departamento de Genética	Cole, B. C.....13407	Cooper, T.....12729	14705
y Fitotécnica.....10006	Coleman, E.....10281	Cooper, W. C.....10810	Cuboni, E.....11856
Dirección General de	Coleman, R.....11239-40	Copley, G. H.....11018	Cuenod, A.....10454
Agricultura. Comité de	Coles, J. D. W. A.....12138	Coppens, P.....14305	Cugnac, A.....10526
Extensión Agrícola.....	Colin, H.....10617-18	Coppini, R.....13783	Cugnac, A. de.....10527
14702	Collas, H. A.....13232	Coquillat.....10232	Cugini, A.....11836
Chinard, G.....11624	Collier, D.....11126	Corbet, A. S.....12817	Culpepper, C. W.....13629
Chini, R.....14114	Collings, W. E.....12564	Corbière, H.....14058	Culpepper, G. H.....12908
Chittenden, F. J.....10883	Collins, D.....10809	Corbin, F.....10786,11088	Cumberland, K. B.....10046
Chitwood, V. D.....13483	Collins, E. R.....11241	Cordner, H. B.....9730	Cummings, M. B.....12698
Chiuderi, A.....14115	Collins, F. D.....13992	Core, E. L.....10191	Cunningham, G. H.....10342
Cholmeley, E. F.....14446	Collins, J. M.....9867	Corey, H.....11315	Cunningham, H. S.....10343
Chopard, L.....12872	Collins, S. B.....12258-9	Cornish-Bowden, A....12565	Cunningham, I. J.....11652,
Chouard, P.....10405,13197,	Collins, T. T., Jr...11585	Cornau.....13978	12260
13553,13632-3	Collinson, H.....12139-40,	Cornu, C.....14224	Cunningham, J. B.....14271
Chowdhury, S.....11086	13085-7,14070	Corradetti, A.....12730	Cunningham, L. C.....9814
Christopher, R. C.....9654	Colombian-Amer. Chamber of	Correa, A.....14420	Curé, P.....10007
Chu, F. S.....9901	Com.....9868	Correva, A.....10885	Curry, H. B.....13577
Ch'u'an Hsi Nung Min...14703	Colo. Agr. Expt. Sta.....	Corrie, F. E.....11653	Curry, J.....11514
Churchill, A. C.....14447	9662-3	Corrigan, J. P.....10886	Curtiss, W. M.....9721
Churchill, B. R.9689,11057	Colston, R.....14223	Corsar, K. C.....10887	Cussler, M.....9980
Ciani, G.....13729,13775	Colvin, D.....14582	Corson, J.....13159	Cuthbert, M. J.....12756
Ciferri, R.....10090,10331,	Combes.....12788	Cortes, J.....11777	Cuthbert, N. L.....12756
10341,10406,10680-7,	Combes, R.....13634-5	Cortez M., R.....10510	Cyrus, W. F.....10752
10729,10785,11087,	Comin, D.....13113	Cory, E. N.....12645-6	
13156,13676-7	Comitato Nazionale per	Cosmo, I.....10849	
Cillis, E. de.....10045	l'Incremento delle	Costa, J. W. da.....13891	Dakan, E. L.....12142,13088
Cillis, U. de.....10730	Concimazioni.....10045	Costantino, I. N.....10888	Dakin, M. E.....13160
Ciotola, A.....14386,14509	Committee for Econ.	Costello, D. F.....10750-1	Daley, C. J.....13733
Ciranna, C.....14116	Devlpmt. Agr. Commu-	Cottello, C. E.....12471	Dall, W. B.....13485
Clare, N. T.....11652	nities Com.....9869	Cottman, G. E.....11470	Dallari, G.....14308
Clark, A. M.....10884	Committee on Wartime Agr.	Coulon, J. P.....11470	Dallin, D. J.....9873
Clark, D. D.....11994	Prod. in Ohio.....14118	Coulter, S. T.....13362	Daly, J.....11886
Clark, E. R.....9671	Compagnia delle Fibre	Coupan, G.....12949	Dana, H. J.....13114
Clark, I. G.....14069	Tessili Vegetali	Coupan, M. G.....12403,13037	Dangoumau, A.....13679
Clark, J. J.....13730	d'Etiofia, Milan...13484	Cournault, H.....13554	Daniel, E. A.....11361
Clark, J. S.....11906	Compagnia Italiana Semi e	Courtney, W. D.....10397	Daniel, L.....14571
Clark, K. G.....11423	Frutti Oleosi S. A.,	Couture, C. E.....14306	Daniels, G. S.....11090
Clark, M. W.....13125	Milan.....13843	Cowan, I. M.....11631	Dansereau, P.....10192
Clark, N. M.....14619	Compton, W.....11458	Cowan, J. C.....13874	D'Apice, M.....11857
Clarke, E. J.....10605	Conabere, G. O.....13772	Cowie, D. B.....11956	Darling, J.....10889
Clarke, M. R.....13806	Conard, K.....11424	Cowley, W. R.....11163	Darlington, H. T.....9685
Claus, F.....14620	Cone, C. B.....14651	Cox, A. J.....12404	Darnell, Mrs. J. C...10890
Clausen, C. P.....10043	Confederación de Asocia-	Cox, H. R.....9704	Darrah, W. C.....10092
Clausen, J.....10453	ciones Rurales de Buenos	Cox, J. A.....12755	Darrow, D. C.....14510
Clay, H. J.....12470	Aires y La Pampa...13812	Cox, L. G.....10532	Dasman, W.....10753
Claybaugh, J. H..9790,9810	Confédération Generale des	Cox, M. B.....9729	Dassat, P.....12233
Clayton, E. E.....9531	Planteurs de Betteraves..	Cox, W. F.....12287,13819	Dastur, M. N.....13363-4,
Clemson Agr. Col. S. C.	13932	Craft, J. H.....10525	13380,13437,13844
Ext. Serv. See S. C.	Conference on Indus. Can-	Crafts, A. S.....9659-60	Dauphiné, A.....10093
(Clemson) Agr. Col. Ext.	teen Catering, London,	Craig, L. C.....12310	Dave, C. M.....13418
Serv.	1943.....9979	Craig, W. N.....10305	Davids, R. C.....11019
Glendenning, K. A....13709	Conn. Post-war Planning	Cram, J. S.....14119,14225,	Davidson, H. R.11394,14482
Clepper, H.....9991	Bd.....10146	14387	Davidson, J. L.....11654
Cleu, H.....12378	Conn. (State) Agr. Expt.	Cranbrook Inst.....10146	Davidson, L. G.....11407
Clifcorn, L. E.....14569	Sta.....9664	Craner, W.....12950	Davidson, M. T.....10008
Clifford, P. A.....13181	Connell, W. E.....11829	Craven, W. H.....9842	Davidson, O. W.....9697
Clift, I. M.....9979	Connolly, R. G.....13335	Cravioto, R. O.....14570	Davis, R. A.....13934
Clinton, H. F.....12136-7	Conner, J. W....13636,13642	Crawford, A. B.....11877	Davis, R. O.....11680
Cloutier, G.....14303	Connors, C. H....9705,9709	Crawford, J.....12895	Davis, A.....12234,14389
Clutterbuck, C. G....12816	Conover, H. F.....9871	Creck, C. R.....9798	Davis, F. F.....10575
Clyde, A. W.....13048	Consumers Power Co., Rural	Crepin, C.....13639	Davis, H. A.....10191
Coad, W. H.....12044	Serv. Engin.....12948	Crescini, F.....10506-7	Davis, H. E.....12731
Cobb, E. S.....11360	Conti, G.....10045	Crespo, R.....12212	Davis, H. M.....14226
Cobb, H. H.....13334	Contreras C., M.....11297	Cressey, G. B.....9872	Davis, J. G...13365,13377,
Cobb, J. S.....13118	Convegno per l'Impiego	Grile, L.....9585	13408,13429
Cocchieri, M.....14304	degli Azotati nel	Croce, F. M....13555,13637	Davis, J. H.....14016
Cochran, H. L.....11238	Mezzogiorno e nelle	Grocetta, M. L.....14307	Davis, J. J.....9785
Cochran, J. H.....12733	Isole, Bari, 1939...10045	Crocioni, A.....10787-90	Davis, M. B.....14309
Cochrane, W. W.....9927	Convención Nacional de	Crocker, W.....10091	Davis, R. S.....10193
Cockerell, T. D. A...14621	Ciencias Economicas y de	Croll, A.....13732	Davtjan, E. A.....12261
Coe, F. M.....9743	Administración, Uruguay..	Croson, M.....10285	Davy de Virville, A..14652
Coe, M. H.....12915	14704	Crowley, R. F.....14015	Dawley, J. S.....14712
Coffey, F. A.....14117	Conway, H. M.....13731	Crowther, E. M.....11243	Dawson, R. B.....10891
			Day, D. I.....12316



Item	Item	Item	Item
Day, J. S.....11759	Donelson, E. G.....14511	Eberle, H. F.....11363	Escudero, A....14515,14573
Day, K. H.....9748	Doner, M. H.....12759	Eberly, N.....11364	Escudero, P.14208,14516-17
Dean, G. A.....12379	Donna, G.....9914	Echegaray, M. de....10688	Eslick, N. V.....12529
Dean, G. W.....11474,11534	Donnalley, J. R., Jr.12995	Eckles, C. H.....11832	Esmond, C. W.....13339
Dean, H. P.....10850	Donnelly, V.....10529	Ecuador. Ministerio de	Esselen, W. B., Jr...9681,
Dean, R. H.....12951	Doole, L. E.....13251	Economía. Dirección	13268
Dean, R. W.....12757	Doolittle, S. P.....10627	General de Estadística y	Etchecopar, J. A.....10792
Dearden, D. V.....12288	Dore, W. G.....11095	Censos.....14709	Etcheverry, F. J.....14358
Decoux, L.....11143	Dormer, K. J.....10458-9	Ede, W. E. M.....12528	Evans, H. O.....10904
Dedman, J. J.....13486	Dorsey, L. M.....14512	Edgerton, L. J....9697,9699	Evans, J.....12046
Degener, O.....10149	Douarche, L.....13290	Edison Electric Inst.13126	Evans, M.....9715
De Giva, M. L.....9980	Douglas, A. P.....11571	Edman, R.....12952	Evans, O. R....13163,14486
Degrully, P....13615,14338,	Douglas, F.....10892	Edmondson, W. O.....9854	Evans, R. J.....11658
14351	Doulat, E.....10471	Edmonton, W. E.....12624	Everest, D. C.....11596
De Guerin, B. C.....11779	Dow, B.....11780	Edwards, A. D.....9735	Everett, A. C.....13681
DeHaas, J. A.....9874	Dowe, R. H.....10652	Edwards, D. C.....10010	Everett, H. E.....12953
Dehay, C.....10083,10455	Downer, H. E.....14653	Edwards, S. A.....13892	Everett, T. H.....10905-6,
Deitemeyer, C.....11362	Downes, J.....14513	Efferson, J. N.....9678	11249
Dejouany, L. P. J....11619	Downey, L. A.....12317	Efron, D.....14017	Everill, K.....11705
Delaporte, B.....10285	Doyle, D. V.....9602	Egerton, J. R.....12291	Everly, R. T.....9543
Delarouze, M.....13680	Doyle, L. P.....12334-5	Ehrlich.....11908	Everts, F. S.....13977
Del. Agr. Expt. Sta...9665	Draghetti, A....10530,11830	Ehrlich, C.....9957	Évrard, F.....14655
Delay, C.....10456-7	Drake, R. M.....10531	Eichhorn, A.....10460	Ewan, J.....10194
Delph, A. E.....13487	Draper, C. I.....11655	Eickmann, H.....11781	Ewing, J. T.....13252
Demaria Massey, D..10754-5	Dresden, C. O.....12474	Eide, P. M.....12732	Ewing, K. P.....12831
Demers, L.....12472	Driftmier, R. H....12917-18	Eire. Dept. of Agr.11444,	Eyre, F. H.....9608
Demolon, A.....10014,10047,	Driver, C. E.....13336	11657,11858-9,11909,	Ezekiel, M.....14125
11127,11144,11171,	Drouineau, G.....11145-8	13488	Ezell, B. D.....13629
11186,11202,11245,	Drow, J. T.....9602	Eisenberg, W. V.....13292	
11408,11425	Druce, P. C.....12996	Elias, A. M.....14484	Fahraeus, G.....11173
Demolon, J.....13038	Drybread, W.....11907	Elijah, H. D.....13784-5	Fabricius, A. von...13941
Dencker, C. H.....9920	Duarte, C.....14390	Elkin, H. A.....13489	Fabricius, L.....10653
Denis, J.....12566-8	Duarte, V. C.....14121	Elliker, P. R.....13367	Fabry, S.....13671-2
Denis, R.....12896	Dubé, A.....11625	Elliott, A. G.....11411	Facca, U.....9914
Deonier, C. C.....12732-3,	Dubé, Y.....11626,14449	Elliott, I. L.....11411	Facchino, A.....14574
12751	Dubois, L. de G.....11620	Elliott, R.....9771-2	Fadden, A. W.....14206
Depardon, L....11020,11187,	DuBois, W. L.....12475	Elliott, W. J.....12920	Fagniez, C.....12625
14622	Dubourg, J....13937,14654	Ellis, B. S.....11203	Fairbanks, E.....14712
Derrick, B. B.....13398	Duchesne, J. E.....13596	Ellis, F. E.....12143	Fairburn, E.....12626
Derteano U., C.....11021	Duck, R. W.....11831	Ellis, H. S.....14485	Falconer, J. I.....14198
De Silva, C. A.....11091	Duckworth, J.....11656	Ellis, M. G....11300,13127,	Falkiner, G. B. S....13490
Deulofeu, V....10613,10619	Dudley, L. B.....10893	13161,13718,13893	Fang, C. T.....10382
Devos, P.....13994	Duffy, D. J.....11395	Ellis, M. R.....9532	Fanshawe, M.....9938
Devoto, F. E....11504,13210	Dufour, A.....12405	Ellis, S.....11703	Farebrother, T. H....11597
Dhar, H. R.....11409-10	Du Frane, B.....14122	Ells, H. E.....13162	Farm Impl. News Co...9915
Dharmani, L. C.....11837	Duggan, I. W.....14227	Elpidina, O. K.....11704	Farmer, F. A.....14518
Dhien, R.....10150	Dulas, J.....10576	Elsworth, R. H.....14450	Farnham, R. B.....9813
Dholakia, H. L.....9928	Dumas, A.....13597	Elvehjem, C. A.....14597	Farnworth, C. H.....11022
Diago, R. E.....13935	Duncan, G. M.....13291	Emanuel, V.....14059	Farquherson, J.....11860
Díaz Compain, J.....13936	Duncomb, M.....10894-5	Emberger, L.....10095-6,	Farr, H. W.....13736-7
Dicenty, D.....13556	Dunez, A.....11171	10461-2	Farrell, G. E.....9951
Dickie, F.....11542	Dunham, W. E.....12476	Emerson, A. W..11365,11760	Fassett, N. C.....10195
Dicks, W. J. H.....12473	Dunk, M. R.....14391	Emery, K. M.....11549	Fattig, P. W.....12699
Dickson, A. D.....10514	Dunklee, D. E.....9745	Emery, W. B.....14563	Fawcett, H. S.....14656
Diemer, A.....14448	Dunlap, V. C.....10043	Emmerling, A. M.....11475	Federación Argentina de
Diener, H.....10407	Dunn, L. E.....11189	Emory Univ.....12699	Cooperativas Tamberas,
Dietrich, G.....12235	Dunn, R. C.....12437	Empson, D. W.....12820	Ltda.....13424
Dimo, H. A.....11172	Dupont, F.....12818	Encke, F.....10902	Federazione Nazionale del
Ditman, L. P..12412,12450,	Dupont de Lome, C....14071	Enfield, G. H.....9777	Consorzi Provinciali fra
12758	Durante, D.....11299	Engel, A.....10097	i Produttori dell'Agrì-
Dix, W. L.....10245	Durham, C. B.....11572	Engel de Janosi, K. E....	cultura. Settore della
Dixon, H. H.....10032	Dusi, H.....10567	11580	Fibre Tessili.....9929
Doan, F. J.....14572	Dussy, J.....12623	Engene, S. A.....13089	Federico, S....11476,14127
Dobignies, A.....13734	Dustman, R. B.....10620	England, W. H.....12407	Federico, T.....13294
Dobignies, J.....13734	Dutilloy, R.....13938-40	Engler, A.....10011	Felbinger, Kh. Kh....12393
Doblin, E. M.....13469	Du Toit, A. G. S....14514	Englund, E.....9598	Feldmann, J..10273-4,10408
Dodds, P.....9984	Du Toit, E.....11058-9	Enriquez, R.....13198	Félice, L. P. de..12569-70
Dodge, J. C.....12397	Du Toit, J. F.....12290	Enriquez Frodden, R..11396	Fellhauer, T.....11911
Dodson, G. M.....12916	Dutt, C. P.....10009	Ensminger, M. E.....13735	Felton, M. W.....10306
Doehlert, C. A.....9702	Dutton, W.....12477	Entzminger, Mrs. A....10903	Fenaroli, L.....10860
Doehner, H.....9968,12289	Dworkin, S.....14392	Epsilon Sigma Alpha.10065	Fenn, F.....11782
Dofarenko, A. G.....11418		Erb, J. A.....13410	Fennah, R. G.....12760
Domingues, A.....10094	Eakin, W. E.....12406	Ercolani, V.....14124	Fennell, J. L.....10534
Domingues, J. H. C..14483	Eames, A. J.....10532	Ericksen, S.....9979	Fenton, C. L.....10066
Dominican Republic.	Earl, M.....12919	Ericksen, T. A.....14396	Fenton, M. A.....10066
Comisión de Defensa del	Easterbrook, L. F....13409,	Ericson, M. H.....13894	Feraud, L.....13128
Café y del Cacao....14707	13430,14123	Ernenwein, R. F.....11910	Ferguson, F. P.....10756
Dominicis, A. de....10045	Eastern States Chrysan-	Ernesto Riveros, J....11128	Ferguson, K. V. M....10098
Donà dalle Rose, A..10528,	themum Soc.....14708	Ertel, H.....9981	Ferguson, O. F.....12027
10791,11188,11298	Eastman, E. R.....14393	Erwin, A. T.....10043	Fernández, R. J.....13979
11316	Eaton, Mrs. B. F. E..12252	Escaffre, A.....13293	Fernandez Aguirre, E..11023
Donald, L.....11246	Eaton, F. M.....10533	Escallier, R.....10034	Fernandez Lopez, D....14280
Donaldson, R. W....11247-8	Eberle, G..10896-901,12819	Escherich, K.....9972	



Item	Item	Item	Item
Fernández R., J.....11586	Fors, A. J.....11505	Furlani, A.....11024	Gerasimova, P. N.....11741
Fernández y Fernandez, R. 13164, 13273, 14037	Forstliche Hochschule, Eberswalde, Germany.10655	Furlani, J. A.....13497	Gerdesmann, H.....14134, 14360
Ferrante, M.....11477	Fortaleza, C.....14519	Fussell, G. E.....14623	Germany. Reichsarbeits- gemeinschaft für Volksernährung.....9981
Ferrari, E.....11836	Fortescue, H. R.....12292	Gaalaas, R. F.....11861	Gertenbach, J. J.....11366
Ferraris, T.....10013	Forti, N.....10671	Gabby, J. L.....13847	Gervais, P.....11660, 13298, 14073
Ferrero, R. A.....14199	Fortier, S.....11317	Gabler, H.....12790	Geslin, H.....10014
Ferreira Reynolds, L.13491	Fortnam, C. D.....10907	Gaddini, L.....14133	Gézé, B.....11205
Ferrin, E. F.....12358, 13738	Fosberg, F. R.....10099	Gade, P.....13220	Giaccardi, A.....14488
Ferté, J.....14210, 14359	Foster, J. C., Jr.....11951	Gärtner, R.....11633	Giannoccaro, G.....14312
Février, J. G.....13942-3	Foster, L. B.....11621	Gaetani, L.....14230	Gibbon, D. C. M.....12237
Few, F. G.....13115, 13368	Foster, W. E.....10622	Gage, C. E.....13980	Gibbons, N. E.....13828
Feytaud, J.....10345, 12627	Fountain, C. W.....14072	Gagnepain, F.....10196-8	Gibbs, H. A.....12531-2
Fifer, M. W.....12236	Fourcroy, M.....10463-5	Gahan, J. B.....12734-6	Gibson, C. H.....12238
Figueres, R.....11092	Fourmont, R.....13640	Galan, G.....12702	Gibson, I.....12823
Figueroa, I. L.....14018	Fournier, P.....11060	Galavielle, L.....14657	Gibson, T. E.....11995
Figueroa, M. A.....11478	Fowler, B. B.....12922-3	Galbraith, A. V.....9992	Giger, M.....10910-12
Fikentscher, H.....13068	Fox, J. W.....10908	Gale, R. E.....13585	Giglio, C.....14313
Filatov, F. I.....10757-8	Fraenkel, G.....12380	Galofre, E. J.....12101	Giglioli, G. E.....14135
Filani, E.....14019	France. Ministère de la Production Industrielle.. 13762	Gamble, R.....12479, 12530	Gilardi Rodriguez, L.11515
Filipello, F.....10621	France. Ministère de l'Education Nationale. Centre National de la Recherche Scientifique... 11766	Gammon, B. O.....11785-6	Gilbert, O. E.....11969-70
Filley, H. C.....14031, 14352	France. Secrétariat d'Etat à l'Agriculture.....10015, 10044, 10047	Gand, E.....11124	Gilchrist, P. S.....13498
Fina, A. L. de.....10689	Direction de l'En- seignement et des Ser- vices Scientifiques de l'Agriculture.....10014	Gandara, R.....12924	Gilder, R. P.....11862
Findlay, W. P. K.....11559	Franceschini, C.....14398	Gannan, A.....9767	Gile, B. M.....9677
Findlen, P. J.....13557	Francis, D. A.....12478	Garces O., C.....10282	Gilgut, C. J.....9680
Findley, W. N.....11591	Francis, K. Y.....11833	García Huidobro, J...11250	Gill, J.....11787, 11913
Fine, S. D.....13182	Franck, J.....10100	García Mata, R.....14232	Gilligan, G. M.....9665
Finlay, I.....9875	Francolini, B.14132, 14487	García Molinari, O...10540	Gilman, H. L.....11854
Firestone Tire and Rubber Co.....10048	Francolini, F.....10828	Garcia Quintero, A..... 11318-19	Gilmour, J.....10018
Firor, G. H.....9762	Françot, P.....13295	García Serrano, T.....14451	Giniéls.....14400
Flachbach, H.....13576, 13578	Frankenberg, G. von.12873	García-Tejero, F. D.12822	Ginsburg, J. M.....12410
Fischer, G. W.....10346	Franket, R.....10536, 10623	Garcilaso, R. A.....14658	Giordano, A...13274, 14489
Fischer, W.....12408	Frantz, P. D.....13598	Gardinazzi, L.....13786	Giordano, G.....10201, 11506
Fish, C.....14340	Fränke, C. J.....10537	Gardiner, L. A.....12480	Girard, H.....11398, 12954, 13233, 13338, 14098, 14269
Fisher, A. J.....13492	Fraps, G. S.....11149, 14575	Gardner, C. H.....11301	Giuliani, R.....11836
Fisher, J.....12921	Frary, G. S.....13369-70	Gardner, J. L.....9633	Giuseppe, T.....10694
Fisher, O. C.....13493	Fraser, E. B.....12320	Gardner, M. W.....9658	Glaenger.....11398
Fisher, W. S.....12628	Fraser, H.....10839	Garfield, F. M.....13296	Glässer.....12336
Fitelson, J.....13845	Frazier, N. W.....9658	Garnham, P. C. C.....12737	Glättli, O.....10913
Fitts, W.....9812	Frazier, W. C.....13452	Garnier, P.....13297, 14038	Glazier, L. R.....13411
Fitzgerald, K. W.....14397	Frean, J. R.....11957	Garoglio, P. G.....11087	Gleason, H. A.....10202
Fitzgerald, M.....9807	Free, M.....11061	Garola, J.....10672, 11251	Gleason, J.....12999
Fitzhugh, H. A.....11912	Freeborn, S. B.....9658	Garrard, E. H.10386, 13642	Gnagy, M. J.....13371
Flamigni, A.....14128	Freeman, H. C.....14576	Garratt, G. A.....11573	Gobeil, A. R.....11627
Flanagan, J.....12047, 12144	Freidt, G.....11691	Garrett, A. S.....12925	Godard.....10411
Flanders, S. E.....12789	Frémey, P.....10466	Garigus, W. P.....11659	Godard, M.....10800
Flanzky.....13846	French, C. S.....10562	Garzend, A.....13945	Godbole, H. N.....9930
Flanzky, M.....13944	French, G. T.....12821	Gasnier.....12217	Godchaux, F.....13694
Fleischmann, R.....13682	Frenguelli, B.....11706	Gasnier, A.....12253	Goddard, C. A.....13499
Fleites, M. A.....13199	Frey, E.....10909	Gasparin.....14281	Goddard Washington Serv., Inc.....14711
Fletcher, M. G.....13638	Friant, R. J.....9851-2	Gasparini, M.....10541	Godfrey, P. R.....11661
Fleutiaux, E.....12629	Friedberg, L.....10538	Gasparrini, T.....13996-7	Godwin, H.....10412
Flint, L. H.....10535	Friedberg, R.....10015	Gastler, G. F.....10542	Goertler, V.....11709
Flössner, O.....9981	Friedman, L.....11561	Gattefosse, J.....10199	Goettler, B.....11252
Flood, F. A.....14129-30	Fries, N.....10539	Gattefosse, R. M.....10829	Goetz.....11550
Flores, J. H.....12145	Frillieux.....10307	Gatti, A.....10619	Götze, R.....11863
Flores, C. H.....12010	Fritsch, F. E.....10467	Gattoni, L. A.....10793	Goffe, E. R.....12700
Floret.....11980	Fritz, J. C.....14577	Gaudineau, M.....10349	Gohr, G.....9947
Fla. Agr. Col. Ext. Serv.. 9759	Fröhner, R.....11707	Gauger, H. C.....12102	Goia, G.....10701-2
Flowers, J.....14228	Frolak, E. F.....10693, 10759	Gaume, R.....10263, 10409	Goidanich, A.....12791
Flückiger.....9958	Frolova, S. L.....10512	Gaunt, W. E.....14520	Goidanich, G....9929, 10350
Fluno, H. T.....12419	Fromer, A.....14399	Gausson, H.....10402, 10410, 11204, 11480	Golding, F. D.....12824
Flurry, J. E.....11556	Fromm, F.....11062	Gautheret, R. J.....10016	Golikov, A. N.....11996
Flynn, F. F.....14001	Fron.....10348, 11398, 13641	Gavard, R.....13581	Golubev, V. D.....11253
Fobes, M.....9799	Frost, J.....11784	Gavrilova, C.....13643	Gombault, R....10151, 10185
Poëx, E.....13639	Fudge, J. F.....11149	Gay, C. W.....11761	Gomes e Sousa, A. de F.... 10914
Pokeev, P. M.....11397	Fuente, C. de la.....13495	Gazaubon, E.....11426	Goñi, R.....13211
Folco, A.....14131	Fuhr, C.....9671	Gaztambide, J. B.9839, 9841	Gonzalez, M.....13200
Földvary, L.....11479	Fuller, A. N.....13496	Gaztambide Arrillaga, C... 13337	Gonzalez Bautista, L. A... 12411
Fontaine, T. D.....10627	Fulton, C. O.....13995	Geith, R.....10017	Gonzalez Fernandez, P..... 12761
Fontoura, A. E. N. da..... 14311	Funk, E. M.....13895	Gemignani, E. V.....12409	González Maiz, J. C.13946
Food Ed. Soc.....9979		Genest, P.....12103	Good, N. E.....12738
Ford, C. E...10347, 11093-4		Genty, P.....10200	Goodacre, W. A.....12481
Ford, J. F.....11783		Georgi, A.....11708	Goodall, D. W.....10543
Ford, T.....11543		Ga. Agr. Col. Ext. Serv... 9760-8	
Forgacs, J.....13579		Ga. Agr. Expt. Sta....9666	
Forlani, R.....10690-1		Geraghty, P. L.....12262	
Fornaci, C.....10692		Geraldes, C. de M....13165	
Forrester, R. W.....13494			



Item	Item	Item	Item
Goodchild, C.....12213	Greer, S. R.....11257	Haenseler, C. M.....10353	Hartmann, A.....13300
Gooderham, C. B.....12482,	Gregory, J. M.....11482	Hagan, A.....14235	Hartnett, G. F.....13561
12533	Gregory, L. E.....10586	Hagerup, L. W.....12926	Hartogensis, H.....13130
Goodhue, L. D.12412,12450,	Gregory, R. H.....12286	Haggard, C. L.....11792	Hashmi, M. H.....11026
12758,12903	Griffin, B. J.....11789	Haggerty, J. J.....14236	Haskell, R. J.....10302
Goodnight, C. J.....12571	Griffin, P.....11790	Haig, I. T.....11483	Hastings, W. R.9994,10811
Goodnight, M. L.....12571	Griffith, C. L.....13299	Hale, C. W.....12222,13291	Hatfield, S.....10919
Goodspeed, T. H.....10413	Griffiths, L. A.....13922	Hale, F.....12318,	Hauck, C. W.....13213
Goodwin, J. P.....11914	Grigsby, B. H.....10546	12359-60	Hauck, J. F.....9798
Gorbunov, N. I.....11119	Grillo, F. M.....14139	Hale, F. C.....12415	Haudricourt, A. G.....10020
Gordon, J. B.....9931	Grimaldi, A.....10760,10837	Haley, W. C.....13739	Hauptvereinigung der
Gordon, K. M.....11254	Grindley, D. N.....13848	Hall, C. J.....13560	Deutschen Gartenbauwirt-
Gordon, M. D.12146-7,13896	Grisolia, E.....12048	Hall, E. G.....13600	schaft.....9933
Gordon, R. F.....14521	Grisolia, E. H.....12082	Hall, " M. G.....12294	Hauser, G. H.....13373
Goret, P.....11750	Grisson, P.....10547	Hall, H.....14200	Haussmann, G.....10695
Gortner, W. A.....12337	Grist, E. A.....11864	Hall, M. A.....10918	Hauton, R.....13740
Goss, W. H.....9552	Groenewald, J. W.....13457	Hall, M. D.....13897	Hauzeur, R.....13688
Gougerot, M.....10147,10152	Groh, H.....11095	Hall, " T.....11793,12240	Hawaii. Univ. Agr. Ext.
Gould, G. E.....12874	Gross, C. E.....13826	Halle Barcelo, R.....14020	Serv.....9769-72
Gould, I. A.....13372	Gross, M. Z.....14578	Haller, H. L.....12389	Hawker, L. E.....10550
Goulpier, I.....13039	Grossfeld, J.....13998	Hallgren, G.....11169,11321	Hawkes, A. D.....10246
Gourlay, J. H.....13558	Groth, A. H.....11846	Hallows, H.....12149	Hawkins, E. A.....14237
Goux, L.....12762-5	Grottanelli, V. L.....13212	Hambidge, G.....9536	Hawkins, F. M. B.....12286
Gover, M.....14401	Groves, G. R.....10102	Hambleton, E. J.....12793-4	Hayes, H. K.....10358
Govil, K. L.....9932	Groves, J. W.....10302,10352	Hambleton, J. I.....12485	Hayhurst, J.....14404
Gowanloch, J. N.....14001	Grünigen, F. von.....12484	Hamblin, S. F.....10104-5	Hayne, D. W.....9684,9686
Gowder, M. T.....9844	Gruzl, F.....14691	Hamblyn, C. J.....11322	Hays, F. A.....12051
Grace, L. B. A.....13807	Grysez, V.....11710	Hamel, G.....10275	Hays, J. G.....14075
Grace, N. H.....10544	Guard, B.....11762	Hamence, J. H.....11445	Hayward, C. J.....12766
Graham, C.....12825	Guard, S. R.....14282	Hamet, R.....10204,10206	Headstrom, R.....12829
Graham, G. P.....13683	Guard, W. F.....12029	Hamilton, C. H.....14403	Healy, A. J.....11063-4
Graham Pole, R. M.....12483	Guardasoni, M.....11836	Hamilton, C. L.....12927	Heath, A.....11368
Grand, R.....14136-8,14370,	Gubellini, M.....14314	Hamilton, F. W.....13413	Heath, O. V. S.....10551
14402,14659	Guédon, A.....11147-8	Hamilton, T. R.....13500	Hecox, A. W.....12152
Grandjean, F.....12572-6	Günter, E.....11711	Hammond, E.....14692	Hédin, L.....10020,10414
Grandori, R.12826,12888-9	Günther.....12030	Hammond, J. W.....11622	Hegsted, D. M.12083,14550
Grange, C.....13880,14233	Guenther, E.11096,13849-50	Hammer, C. L.....11079	Heidermann, K.....12486
Grange, L. I.....11206	Guerra, G. del.....14524	Hamy, A.....11190	Heim, R.....10283
Granger, A. M.....12505	Guerritore, P.....10070	Hancock, W. G.....11025	Heimann, W.....14581
Granger, W.....13129	Guest, P. L.....10103	Henkins, O. G.....9562	Heimpel, L. G.....11369
Grant, D.....9982	Gueutal, J.....12875-6	Hanley, F. W.....14539	Heinrich, H.....14041
Grant, F. M.....9570	Guevara C., E.....14039	Hennas, R. R.....13898	Heinze, P. H.....9679
Grant, H. B.....13400	Guffroy, C.....10153	Hannesson, H. A.....9661	Heit, C. E.....10654
Grasse, P. P.....12792	Gui, H. L.....12448	Hanten, A. J.....13432	Helliwell, E. H.....13502
Gratton, A.....12148	Guibé, J.12568,12577,12701	Harant, H.....12702	Helman, M. B.....13535
Grattoni, S.....10101	Guignot, F.....12630-1	Harari, A.....12241	Helsel, W. G.....13186
Gratz, L. O.....10545	Guilbot, A.....13685	Harbord, W. L.....13001	Hely, P. C.....12877
Grau, C. R.....12081	Guillaume, ".....13999	Harder, H. J.....12214	Hemming, H. G.....10615
Grau, F. V.....11255	Guillaumin, A.....10154,	Harding, W. A.....14579	Hemphill, P. V.13235,14361
Graves, H. S.....14660	10203-4,12955	Hardisty, H.....12150	Hendershott, R. A.....11959
Graves, J. T.....14234	Guillebon, G. de.....13000,	Hardouin, R.....12416,12795	Henderson, D. C.....12178
Graw, L.....13559	13947,14074,14469	Hardy, E.....10106,13610	Hendrick, A. B.....12419
Gray, M. E.....14522	Guilemet, A.....13183,	Hardy, F.....11150,11259	Hendricks, S. B.....11151
Grayson, E. C.....10915	13586-7,13684-5	Hardy, G. A.....14617	Hendrickson, R. F.13166-7
Greaney, F. J.....10302	Guilliermond, A.....10548	Hardy, W. J.....11794	Hendrix, G. E.....14270
Gt. Brit. Com. on Vet.	Guimont, A.....11523	Hargreaves, S.....13773	Hendrix, J. M.....11915
Pract. by Unregistered	Guinet, C.....10916	Haring, C. M.....11865	Hénin, S.....11123,11302
Persons.....9959	Guinochet, M.....10205	Harker, D. H.....11323	Henley, H. S.....13787
Gt. Brit. Min. of Agr. and	Guittonneau.....13412	Harkness, D. A. E.....9877	Henneberg, O. H.....11662
Fisheries.....9959,11656,	Guittonneau, G.....13431	Harlow, W. M.....10155	Henning, E. G.....13741
12413	Gulley, P. E.....12293	Harman, S. W.....12827-8	Henrici, M.....11712
Gt. Brit. Min. of Food....	Gundlach, G. P.....13339	Harmer, W.....12151	Henry, A. H.....9675
12534	Gunness, C. I.....9682	Harmon, E. M.....14580	Henry, A. M.....13301
Gt. Brit. Min. of Health..	Guota, R. B.....13234	Harmon, R.....13501	Henry, J. A.....14201
9876	Gusler, G.....14140	Harrar, J. G.....10324	Henry, P.....13168
Gt. Brit. Min. of Town and	Gussak, V. B.....11367	Harrel, C. G.....14583	Hensley, G.....11971
Country Planning.....9900	Gustafson, A. F.....12988	Harris, F. R., Inc.....10049	Hepding, L.....12338
Greaves, C. V.....13599	Gutierrez, R.....12632-3	Harris, H. J.....13433	Heppe, W. F.....13616
Greaves, R. E.....12102	Gutierrez C., J. J.....10830	Harris, K. L.....13184	Hepper, H. C.....12878
Grebe.....13069	Guyomarc'h, E.....13948	Harris, M. R.....11392	Hepperly, A. K.....13950
Greeley, W. B.....11481	Guyon, G.....10624,11258	Harris, R. H.....13686	Herb, S. F.....13866
Green, A.....13687	Guyon, M. G.....11207	Harris, R. S.....14525,14570	Herbert, H.....11916
Green, A. A.....12710	Gyrisko, G. G.....12414	Harrison, G., Jr.....12535	Herbet, E. J.....14597
Green, D. E.....10351	Haack, J. O.....12239	Harrison, G. J.....10366	Herbulot, C.....12830
Green, D. M.....14523	Haas, A. R. C.....10549	Harrison, L. R.....9751	Herman, L. M.....14142
Green, G. W.....11788	Hackbarth, J.....10019	Harrison, M. W.....12286	Hernández Vidaurreta, M....
Green, J.....11256,11834	Hedary, G.....13201	Harrison, T. B.....9740	11097
Green, J. M.....10487	Haddrell, B.....10917	Harech, G.....12312	Herold, R.....10920-3
Green, R. L.....14051	Hadgialy, M.....14141	Hart, F. L.....13185	Herraz, M. L.....14573
Greenan, G.....11507	Hadlington, E.....12049-50,	Hart, T. S.....10156	Herrick, H. T.....14693
Greene, R. E. L.....9816	13090	Hart, V. B.....14040	Herring, G. C.....12361
Greenside, F. C.....12028		Hartley, A. W.....13687	Herriot, R. I.....11370



Item	Item	Item	Item
Merrod-Hempshall, W. ....12487	Homolle, A. M. ....10208	Hutchinson, D. E. ....11373	Issler, E. ....10418
Hertslet, J. ....11371	Honaman, R. K. ....13133	Hutchinson, J. ....13789	Istituto Nazionale
Herwig, A. F. ....13131	Honig, P. ....10043	Hutt, F. B. ....12053	Fascista della Previdenza
Hess, A. D. ....12741	Hood, K. ....14238	Huttenlocher, F. ....10931	Sociale. ....14316
Hess, H. ....13998	Hooley, E. D. ....12155	Hutton, J. ....12054-5	Italia Agricola. ....11836
Hester, J. B. ....11152	Hooker, W. J. ....10378	Huxley, J. ....9894	Ivanitzkaya, E. F. ....10581
Hetzer, H. O. ....12313	Hooper, M. M. ....12536	Hyde, E. O. C. ....11065	Ivanoff, S. S. ....10508
Heuckmann, W. ....13302	Hopkins, J. R. ....10925	Hyde, H. A. ....10552	Ivanov, D. N. ....11164
Heuser, G. F. ....14596	Hopkirk, C. S. M. ....12260	Hyler, J. E. ....11546, 11623	Iverson, C. A. ....13414
Hewlett, F. S. ....12417	Hopper, H. D. ....11958	Hypes, J. L. ....11374	Ivory, B. ....9843
Hey, G. L. ....9973	Horn, A. G. ....9608	Iablokov, A. ....12638-9	Ivy, E. E. ....12831
Heys, F. M. ....12595	Horn, C. L. ....10109	Iaconis, C. L. ....13376	Iya, K. K. ....10130
Heyse, T. ....14315	Horn, E. F. ....11484	Iakubov, T. F. ....11375	Iyer, P. R. K. ....11869
Hibbard, A. D. ....9694	Horn, K. von. ....13169	Iarusov, S. S. ....11134	
Hibben, S. G. ....13132	Horoth, V. L. ....14490	Idaho, Agr. Col. Ext.	Jablonski, C. F. ....13188
Hibbs, J. W. ....11866	Horowitz, N. H. ....10625-6	Serv. ....9773	Jackson, R. B. ....12735
Hibon, G. ....10207, 10916	Horrall, B. E. ....13367, 13434	Idaho, Agr. Expt. Sta. ....	Jackson, R. F. ....13951
Hickman, E. ....12295, 13644	Horsfall, J. G. ....10308	9667-8	Jacob, C. ....14694
Hickok, R. B. ....9672	Horst, M. ....14406	Igolen, G. ....10199, 10516	Jacobs, M. R. ....10110
Hiesey, W. H. ....10453	Horton, D. C. ....14143	Ill. Agr. Col. Ext. Serv. ..	Jacobs, S. S. ....11664
Higbee, E. C. ....10043	Hosain, M. F. ....11663	9774-6	Jacobsen, D. H. ....13436
Higgins, B. H. ....13070	Hoskins, W. M. ....9658	Ill. Agr. Expt. Sta. ....9638,	Jacobson, M. ....12389
Higgins, F. H. ....13951	Houck, H. ....9878	9669-70	Jacometti, G. ....10697
Higgins, J. F. ....10831	Houck, L. R. ....11917	10247	Jacques, C. ....10628, 12418
Higgins, V. ....10957	Houdelot, C. ....11714	Imperial Inst. of Ent.,	Jacques, W. A. ....10553
Hilbert, F. L. ....13820	Houghton, F. B. ....14407	London. ....9974	Jacquet, J. ....12641
Hildebrand, A. A. ....10302	Hourmouzios, S. L. ....9934	Imperial Mycol. Inst., Kew.	Jacquot, R. ....14584
Hill, A. F. ....10107	Householder, G. M. ....11797	10022	Jaeger, P. ....10554
Hill, C. ....14526	Houston, S. N. ....13503-4	Inciarte, R. ....11868	Jagerschmidt. ....11460
Hill, D. L. ....12879	Hove, E. L. ....14583	India, Council of Sci. and	Jahn, E. C. ....11598-9
Hill, L. ....11713	Howard, Sir A. ....11262, 11399	Indus. Res. Reconstr. Com.	Jahns, F. W. ....14605
Hillig, F. ....13374-5, 13899,	Howard, A. L. ....14650	9879	James, C. H. ....9900
14000	Howard, T. ....13821	India, Dept. of Indus. and	James, H. E. ....9816
Hinchcliff, K. ....13071	Howell, C. E. ....11977	Civil Supplies, Dir. of	James, J. ....10051
Hinchey, E. ....12732	Howell, D. E. ....11889	Sci. and Indus. Res. ....13841	James, L. ....13902
Hincks, W. D. ....12796	Howell, H. A. ....11524	Indian Cent. Jute Com ....14713	James, N. D. G. ....11485
Hind, R. R. ....13952	Howell, H. B. ....14239	Ind. Agr. Expt. Sta. ....	Jamieson, C. A. ....12489
Hindmarsh, W. L. ....11795	Howell, L. D. ....9542	9671-2, 9789	Janes, H. E. ....10310
Hinshaw, J. E. ....13900	Howes, H. ....12156-9, 12580,	Ind. (Purdue) Univ. Agr.	Janini Janini, R. ....13983
Hinshaw, W. R. ....12104	13880	Ext. Serv. ....9777-89	Jannaccone, A. ....10731
Hinton, S. A. ....9739	Howland, J. A. ....12957	Ind. State Chamber of Com.	Jaquette, D. S. ....11870
Hirt, R. R. ....10354	Howland, J. E. ....10926, 11129	14146	Jasperson, H. ....13852
Hita, J. de. ....14405	Howlett, F. S. ....11027, 11192,	Agr. Dept. ....14714	Javal. ....13072
Hitier. ....13002	11226, 11261	Ingrey, W. W. ....13505	Javillier. ....13040
Hitier, H. ....14371	Hubbell, D. S. ....9633	Innes, J. A. ....13901	Jay, B. A. ....9990
Hoadley, J. ....12153	Huber, J. ....10021	Innes, J. L. ....11997	Jean, M. ....14453
Hoard, B. ....10840	Huber, L. L. ....10696	Insko, W. H., Jr. ....12084	Jeannel, R. ....12642, 12767
Hoard's Dairyman. ....9960	Hudgens, R. W. ....9593	Institut des Fruits et	Jefferson, C. H. ....9686-7
Hobbs, C. C. ....10924	Hudson, C. J., Jr. ....12488	Agrumes Coloniaux. ....13597	Jeffery, G. M. ....12741
Hockey, J. F. ....10302	Hudson, R. S. ....14021,	Institut des Parcs	Jeffery, H. E. ....12243, 12296
Hockey, K. C. ....12956	14144-5, 14189	Nationaux du Congo Belge.	Jeffrey, F. P. ....12178
Hodge, J. L. ....12242	Huffman, C. F. ....11835	9975	Jelbart, J. E. ....12244
Hodge, W. H. ....10108	Huger, R. ....10349	Institute of Pacific Relat.	Jellicoe, G. A. ....14349
Hodges, F. A. ....13580	Hughes, H. D. ....9674	Secretariat. ....9887	Jellison, W. L. ....12897
Hodgson, R. E. ....9532	Hughes, J. S. ....11825	Instituto Cubano de Suelos	Jelmoni, E. ....11098
Hoff, C. C. ....12578	Hughes, P. ....10795	y Abono. ....13953	Jenkins, C. F. ....10211
Hoff, N. J. ....11592	Hull, H. S. ....10927	Instituto de Salubridad y	Jenkins, J. M. ....14283
Hoff, P. R. ....13003	Hull, R. B. ....10928	Enfermedades Tropicales..	Jensen, D. ....11263
Hoffer, C. R. ....9683	Hultz, F. S. ....11634	14715	Jensen, E. F. ....14588
Hoffer, G. N. ....11219, 11260	Humbert, H. ....10209, 14662	Instituto Nacional de la	Jeppson, L. R. ....9658
Hoffman, I. C. ....11192, 11226,	Hume, A. N. ....10537	Nutrición, Buenos Aires..	Jessness, O. B. ....14060, 14202
11261	Humphrey, R. R. ....10761, 11372	13187	Jodka, J. F. T. ....12414
Hoffman, M. ....13226	Hungerford, T. G. ....12031	Inter-American Conf. on	Johanning, Mrs. A. ....10932
Hoffmann, A. ....12635	Hunnicut, B. H. ....14663	Problems of War and	John, W. W. ....11264-5, 11324
Hoffmann, C. H. ....12636	Hunt, R. A. ....13981-2	Peace, Mexico City, 1945.	John Innis Hort. Inst. ....
Hoffmann, E. ....13091	Hunt, T. E. ....10210, 10929	13170	14716
Hoffmann, M. ....10050	Hunt, W. J. ....13092	International Assoc. of	Johnson, A. J. ....13006
Hogan, A. G. ....9693	Hunter, H. A. ....13660	Ice Cream Mfrs. ....13454	Johnson, C. ....11799
Holbert, J. C. ....11796	Huntington, G. T. ....11446	International Cotton	Johnson, E. D. ....11220
Holderer, M. ....14527	Hureau, P. ....13435	Advisory Com. ....9600	Johnson, E. G. ....14408
Holdelheide, W. ....10468	Hurlburt, V. L. ....14348	Iowa, Agr. Expt. Sta. ....	Johnson, E. M. ....13628
Holdridge, L. R. ....10415-16	Hurst, F. J. ....13689, 14240	9673-4	Johnson, F. ....10389
Holland, C. W. ....14661	Hurt, L. M. ....11867	Ipekoglu, F. ....10804	Johnson, L. ....11800
Holland, W. E. ....11763	Hurtubise, J. A. P. ....13562	Iribarren, S. ....11459	Johnson, L. P. V. ....10555,
Hollande, A. C. ....10469	Russ, Mrs. F. ....10930	Irving, G. W., Jr. ....10627	10629
Hollinger, M. E. ....14582	Russain, S. M. ....10768	Isely, C. C. ....13005	Johnson, R. E. ....13134
Hollis, W. H. ....12154	Rustache, A. ....12637	Isenbart, M. ....14528	Johnson, S. D. ....11871
Holm, A. ....12579	Rustich, I. ....10417	Ispettorato Fascista per	Johnson, T. J. ....12032
Holm, G. E. ....9571	Rutcheson, T. B. ....10762	la Produzione e per il	Johnston, C. O. ....10365
Holmes, D. ....14452	Rutchings, L. M. ....12339	Lavoro dell'A. O. I. ....14147	Johnston, F. B. ....13648
Holmes, G. A. ....13004	Rutchins, M. C. ....13629	Issac, P. V. ....12640	Johnston, G. W. ....10763, 12319
Holton, W. H. ....13788	Rutchins, R. P. ....13851		Johnston, H. G. ....9845



	Item
Johnston, I. M.....	10162
Johnston, J. B.....	11665
Johnston, J. C.....	10832
Johnston, M.....	13645
Johnston, M. G.....	12105, 12160
Jonard, P.....	10784
Jones, D. D.....	13742
Jones, E. T.....	12381
Jones, G. E.....	13360
Jones, H. A.....	12419, 12732, 12740, 12908-9
Jones, J. W.....	14283
Jones, M.....	9648
Jones, M. A.....	12420
Jones, M. M.....	9916
Jones, M. P.....	12581
Jones, M. T.....	11174
Jones, R.....	13852
Jones, R. E.....	12161, 13093
Jones, R. W.....	10933-4
Jones, S. C.....	11266
Jones, V. E.....	13365, 13377
Jones, W. H.....	13506
Jordaan, J. J.....	14664
Jordan, I.....	14409
Joret, G.....	11208, 11427, 14148
Josem, S.....	14585
Joss, A.....	14317
Josserand, M.....	14665
Jouis, E.....	11199, 11267, 11400, 11666
Jovet, P.....	10157, 10212-16, 10284, 10401, 10419-22
Jovet-Ast, S.....	10264
Julén, G.....	10556
Jull, M. A.....	12056, 12162
Jungherr, E.....	12106
Junnila, W.....	13113
Jurado B., N.....	14284
Kacalief, C. D.....	11591
Kaiser, W. G.....	13135
Kalachikov, A.....	14695
Kalmer, J.....	12880
Kamaladevi.....	9983
Kaney, J. H.....	13743, 13813
Kans. Agr. Expt. Sta. Dept. of Poultry Hus- bandry.....	13116
Kans. State Col. of Agr. Ext. Serv.....	9790-2
Karandikar, K. R.....	12881
Kardos, B.....	13275

	Item
Karlsson, N.....	11191
Karraker, P. E.....	11428
Karrer, P.....	10641
Karsten.....	11715
Kashyap, D. R.....	13363-4, 13380, 13437
Katz, L. J.....	13303
Kauffman, E.....	11486
Kaufmann, F.....	12643
Kaup, B. F.....	12421
Kaura, R. L.....	11919
Kaylor, J. F.....	11461
Kazakevich, L. I.....	10673
Kazakov, Kh. Sh.....	12015
Kazandzhiev, M.....	10111, 10557
Kearns-Preston, D. A.....	14149
Keck, D. D.....	10453
Kedra-Zikhman, O. K.....	10052
Keenan, G. L.....	13304
Kehar, N. D.....	11667, 11716-17
Keilholz, F. J.....	14410
Keilling, J.....	13378
Keller.....	10936-7
Keller, H., Jr.....	9701
Keller, W. F.....	13021
Kellogg, C. E.....	12225
Kellogg, M.....	9843
Kelly, E. G.....	12379
Kelly, J. T.....	11668-9, 14598
Kelsey, R. T.....	13041
Kemp, H. K.....	10355
Kemp, L.....	9676
Kempster, H. L.....	9693
Kendall, H. W.....	13646
Kennedy, A. C.....	12958
Kennel Club de Chile.....	14710
Kenney, R.....	11268
Ky. Agr. Col. Ext. Serv.....	9793-6
Ky. Agr. Expt. Sta.....	9675
Kenya Colony Dept. of Agr.....	10010
Kertész, F.....	13744
Kertész, Z. I.....	13601
Kettlewell, H. B. D.....	12832
Khan, A. A.....	12537
Khan, I.....	9880
Kharchenko, M. D.....	11998
Khartulari, E. M.....	12907
Khrustalev, P.....	14411
Kiene, J.....	13253
Kilian, C. M.....	12959
Kimball, E. S.....	13903
Kimmel, L. H.....	9881
King, D. F.....	9652

	Item
King, J.....	13221
King, N.....	11376
King, N. B.....	12263
King, W. H.....	13373, 13379, 14001
Kingman, H. E.....	11920
Kircher, W. H.....	13690, 14150-1
Kirk, H.....	9961, 11718
Kirkor, S.....	12505
Kirsch, T. T.....	14241
Kirsten, G.....	13867
Kirwald, E.....	11377
Kiser, A. J.....	13458
Kishlar, L.....	11670
Kistner, R. E.....	10938
Kiur-Muratov, A. P.....	12107
Kleckner, A. L.....	11870
Klein, A. K.....	13189
Klein, G. T.....	12163-4
Klein, J.....	13563
Klein, L. A.....	11870
Klein, P.....	12928
Kleine, F. K.....	14666
Kleiner, P.....	10939
Klepinger, F. W.....	12297
Kline, H. B.....	13507
Klinge, G.....	14022, 14529
Kluender, W. A.....	9608
Klussendorf, R. C.....	11872
Knecht, W. J.....	12422
Knight, H. H.....	12382
Knights, M. J.....	14562
Knipling, E. F.....	12423, 12427, 12431, 12703, 12771, 12909
Knolle, W.....	9920
Knowles, W. F.....	9701
Knox, J. H.....	9716
Knox, R. G.....	12320
Knuchel, H.....	11516
Knüll, D. J.....	12768
Kobel, F.....	10558
Kobozieff, N.....	9962
Kobozieff, N. A. P. See Pomriaskinsky-Kobozieff, N. A.....	
Koch, H.....	10023
Köbe, K.....	12340
Köhler, P.....	12833
Koepfle, L. G.....	13171
Koger, M.....	9716, 11825
Kohls, G. M.....	12560
Kohnke, H.....	9672
Kolb, W. C.....	13057

	Item
Koller, E. F.....	13340, 13438, 14060
Kollmorgen, W. M.....	14318
Kon, S. K.....	14593
Konold, O.....	10674
Kononok, A.....	11999
Konstantinov, N. N.....	10559
Kopke, E. W.....	13955
Koppenhoefer, R. M.....	13822
Koranyi, K.....	13073
Korneev, N. E.....	11741
Koroleva, V. P.....	11741
Koropov, V. M.....	11719
Kothavalla, Z. R.....	13363-4, 13380, 13437, 13844
Kotok, E. I.....	11462
Koutler-Andersson, E.....	11155
Kovar, P. A.....	10423
Krage, P.....	12000
Krahl-Urban.....	10655
Krainz, H.....	10217
Kramarov, V.....	12960
Krantz, B. A.....	9724
Krasil'nikov, N. A.....	11175
Krauch, H.....	9603
Kraus, J. E.....	11028
Krauss, W. E.....	11866
Kreiser, R. F.....	13007
Kreutzer, W. A.....	10334, 10338
Kringgold, D. B.....	11325
Krishnan, T. S.....	13907
Krishnaswamy, A.....	11720
Kristály, A.....	13459
Kroehn, L. E. A.....	11378
Krone, P. R.....	11029
Krug, C. A.....	10112
Kruiswyk, H. D.....	13094
Krumeich, E. E.....	10940
Krupenikov, I. A.....	10560
Kubin, R.....	11721
Küntzel, C.....	9917
Kuenzi, E. W.....	9604
Küst, D.....	12001
Kuhn, R.....	10561, 10630
Kulash, W. M.....	12644
Kumlien, L. L.....	10941
Kumm, J.....	10562
Kummer, F. A.....	9653
Kunkel, F. E.....	11574
Kunoči, A.....	9938
Kupsch, W.....	12165
Kursanov, L. I.....	10024
Kutish, F.....	14242
Kvashnina, E. S.....	11741
Kypriades, E.....	14319



Item	Item	Item	Item
Labarthe, C. A.....11801	Lecat, P.....10632	Lierman.....14077	Lucas, D.....12837
Labour Res. Dept.....9882	Le Charles, L.....12835,	Likerman, J. E.....11724	Luddy, F. E.....13866
Labriola, R.....10613	12849	Lillie, R. D.....12426	Ludwig, G. W.....12741
Lacerda, V. de.....14412	Lechner, H. J.....12961	Lilly, V. G.....9750	Ludwig, R. A.....10356
Lackland, S. B.....12108,	Leconier.....13412	Lima, E. J.....14587	Ludwig, W.....11099
13096	Leding, A. R.....9718	Lima, O. A. de.....13237	Lütje.....12343
Laclautre.....14061	Lee, A.....10043,14153	Limasset, F.....10390	Lütjohann, C. E.....13514
LaCroix, J.....13701,13703	Lee, A. L.....9881	Lin, C. K.....10564	Luetzelburg, P. von.....10158
Lacroix, J. V.....12582	Lee, D. H.....13719	Liñán y Heredia, N. J. de	Luginbill, P.....12770
Lacy, R. W.....13236	Lee, H.....13227	12492	Lumeson, S.....11924
Laczko, A.....13172	Lee, J. A.....11600	Lincoln, W. B., Jr.....11601	Lunde, R. N.....9823
Lad, D. T.....10100	Lees, A. B.....11922,13008	Lindegren, C. C.....10289	Lundegardh, H.....10566,
Lafite, C.....11269	Leeson, A.....13097	Lindquist, A. W.....12427,	10634
Lafortune, J. G.....11722	Lefebvre, G.....14491	12431,12703-4,12715,	Lundell, C. L.....10025
Lager, A. E.....11721	Lefevre, R.....14413	12734-6,12740,12771	Lundin, H.....10634
Lal, G. B.....14586	Lefevre, J.....13202,13581,	Lindsay, H.....12883	Lundquist, N. S.....11874
Lal, K. B.....12834	13856	Lindsay, W. R.....10116	Lupetti, R.....10698
Lallemand, V.....12769	Lefèvre, M.....10276-8	Lineweaver, H.....14588	Lutman, B. F.....9744
Lamb, H. G.....11557	Lefèvre, P. M.....13958	Linn, B.....12493	Lutz, L. A.....9832
Lambdin, R.....12983	Leffingwell, G.....13228	Linsley, E. G.....12797	Lwoff, A.....10567
Lamborn, O. H.....9935,13956	Lefroy, E. H. B.....13512	Lippitt, M. L.....13238	Lychevsky, T.....9938
Lamborn & Co., Inc.....9936	Legat, H. D.....12538	Lipscomb, K. V.....11802	Lyle, C.....12429-30
Lambou, M.....13872	Legrand, J. J.....12583	Lipson, E.....9883	Lyman, Mrs. W. F.....10946
Lambrechts, M. C.....11744	Lehmann, E.....9937	Lira López, S.....14042	Lynch, M., Pierce,
Lamers, T.....13957,14524	Lehr, D.....13136	Litardière, R. de.....10220,	Penner & Beane.....9939
Lami, R.....10408	Leibundgut, H.....10656	10471	Lysenko, T. D.....10068
Lamp, Mrs. A. A.....14372	Leicester Sheep Breeders'	Little, R. B.....11876	
Lamson, M. D.....10942	Assoc.....9963	Litvinov, N. A.....12023	Maack, J. E.....14562
Lamy, E.....12556	Leichsenring, J. M.....14511	Liverovskiy, I. U. A.....11209	Maberry, M.....11926
Lancum, F. H.....14625	Leinfelder, P. J.....12445	Livingston, P.....11342	McAlister, L. C., Jr.....
Landeghem, A.....13508	Lekarev, V. M.....11723	Liwerant, J.....11153	12908-9
Lander, P. E.....11837	Leland, E. W.....9719	Llado, J. G.....13137	McArdle, R. E.....11474
Landis, P. H.....9748	Le Marchand, S.....12836	Llarena, S. de.....11839	MacArthur, M.....13648
Landon, I. K.....10764	Lemay, A.....12166	Llewellyn.....13174	McBee, C. M.....11547
Lane, C.....14152	Lemesle, R.....10219,10633	Lloyd, E. W.....11923,13830,	McBride, A.....13415
Lane, L.....9835	Lemierre, M.....9947	14155-6	McBurney, R. S.....9602
Langawankar, J. D.....10631	Lemmon, R. S.....10945	Lloyd, W. H.....13342	McCallum, N. S. K.....11271
Lange, W. H., Jr.....9658	Lemmons, E. B.....11555	Lockhart, E. E.....14570	McClure, J. G. K.....14455
Langford, G. S.....12645-6	Lemoigne.....13202,13692	Lockhart, J. A.....13460	McClymont, G. L.....12086
Langham, D. G.....10509-10	Lemoigne, M.....10285,13581	Locquin, M.....10117-18	McComb, R. R.....13566
Langhard, O.....13341	Lenglen.....11434,13776,	Loder, J.....13790	McConehey, J. M.....10948
Lanjouw, J.....10113	13857-8,14414,14667	Lodge, C.....12167-70	McConkey, O. M.....14247
Lantow, J. L.....9635	Lentz, W. J.....11873	Loeffel, W. J.....9809	McCreedy, M. S.....14518
Lapage, G.....12424	León, R.....14154	Löw, I.....10561,10630	McCrary, S. H.....9951
La Pine, L. J.....13923	Leonian, L. H.....9750	Logan, N. S.....13791	McGuen, G. W.....12962
Laplaud.....13509	LePage, Abbé E.....10265	Logan, R. F.....14024	McGuistion, W. R.....12058
Lapte, I.....14243	Lepage, H. S.....10312	Lohman, H.....12584	McCulley, R. D.....10568
Larose, P.....13510	Lepesme, P.....10286-8,	London Internatl. Assembly	McCulloch, R.....11329
Larsen, L. F.....9812	12647-50	9938	McCullough, E. C.....11725
Larsen, N. P.....11066	Leplae, E.....13829,14023,	Long, C. C.....11840	McCunn, J.....12004
Larsen, S. A.....13602	14415	Longwell, J. H.....12708	McCurdy, M. E.....14531
Larsson, K. G.....11157	Lepper, H. A.....13904	Longwell, M.....13647	McCutchen, G.....9893
Larter, L. N. H.....10114	Leroux, L.....11537	Looser, G.....10248	McDaniels, J. S.....11959
Larue, P.....13564,13691,	Le Roux, P. A.....13905	Loperfido.....13746-7	MacDonald, A.....13190
13853-4,14362	Leroy, A.....11671,13513,	López, M. S.....10765	MacDonald, A. J.....13907
Larue, W. C.....14341	14285	López Portillo, A.....13256	McDonald, E. J.....13954
Larus, C. T.....10311	Leroy, A. M.....11838,11848,	Lord, J. W.....13852	McDonald, H. H.....12201
Lasarte, M. A.....14573	12253,12321	Lorenz, F. W.....13906	McDougall, F. L.....14627
Laserie Rodríguez, E.....	Leroy, L.....14470	Loth, R.....10640	McDunnough, J.....12838
14244	Le Roy-Ladurie, J.....14343	Lott, T. B.....10302	McEvoy, E. T.....10805
Lassablière, P.....12321	Léry, J.....11327,14245	Loubière, A.....10119-20	McEwin, E.....12839
Lastiri Ruiz, J.....14342	Lesne, E.....12652	Loughnane, J. B. ....10313	McFarlane, W. D.....14560
Laszlo, F.....12341-2	Lespérance, R.....11435	Louis-Marie, Père.....14626	McGowan, J. C.....10615
Latarjet, R.....10563	Lester, A. H.....13977	La. Agr. Expt. Sta.....9676-8	McGowan, R. E.....13009
La Touche, G. de.....11303	Letard, E.....11635,12245	La. Dept. of Com. and	MacGregor, A. D.....11875
Laue, W. C.....11326	Levenson, L. G.....14076	Indus. Com. and Indus.	McGuffin, W. C.....12840
Launoy, L.....10067	Leverenz, W.....13254	and Econ. Devlpmt. Com....	Machado, J. A.....14532
Lauprecht, E.....11921	Leverenz, W. J.....9848-9	14717	McHenry, E. W.....14553
Laurence, A.....13305	Levesque, R.....13603	Love, H. M.....9747,14043	Macias Villada, M.....11210
Laurie, A.....10943	Lewis, L. H.....13255	Love, J. C.....14417	MacIlraith, J. J.....12171
Lavit, F.....9947	Lewis, L. J.....14530	Lovett, N.....14246	McIlvaine, C. W., Jr.....11803
Law, R.....9938	Lewis, M. R.....11328	Lovvorn, R. L.....10565	McIntyre, E. R.....14052
Lawrence, M.....10944	Lewis, R. V.....12002	Lowdermilk, W. C.....11379,	Mack, P. B.....9984
Lawrence, W. E.....10424	Lewis, S. A.....13611	11463	Mack, W. B.....14533
Lawton, A. H.....11956	Lewis, T.....14454	Lowe, J. L.....10354	McKay, C. M.....14534
Laxminarayana, H.....13381	Lewis, V. J.....13745	Lowe, J. M.....14418	McKay, P. N.....12980
Lazaro, C.....10801	Lewitt, F. J.....12491	Lowry, J. C.....10766	McKee, C.....10767
Lea, C. H.....13855	Lewy van Séveren, M.....10115	Lowry, G.....13343	McKelvie, S. R.....11804
Leadley, T.....13173	Lhoste, J.....12898-9	Luaces A., J. L.....12003	MacKenzie, D. C.....10813
Leahy, J.....13511	Libes, R.....13565	Lubatti, O. F.....12428	McKeon, C. J.....10699
Leandri, J.....10218,10470	Liebermann, J.....12425,	Lubeth, E.....10732,11304	McKeown, K. C.....9976
LeBarron, R. K.....9608	12882,14416	Lucas, C. F.....11270	McKibbin, J. M.....14550



Item
Mackinlay, D.....14419
MacLachlan, K. S.....11602
McLean, I. W., Jr.....11743
McIntock, M. W.....9817
McMath, C. W.....14589-90
McMenamin, J. P.....13042,
13439
McMichael, J.....9979
McMillan, R. B.....14053
McMunn, E. W..12931,13010,
13344
McNair, J. B.....10635
McNeely, M.....11272,13694
McNeil, E.....12104
McNeill, F. L.....12172
McPhail, M. C.....12320
McPherson, O. H. M.....13257
Macrae, F. B.....12494
McWhirter, L.....14591
McWilliam, A. J.....11927
Madden, A. H.....12431,
12702-4 12715,12740,
12771
Mader, F.....12362
Madison, L. C.....12363
Madueño Box, M.....10569
Magdefrau, K.....10121
Maestri, R.....11330
Maffi, E. J.....13440
Magda, I. I.....12005
Magill, D. G.....11603
Magnus, H.....12344
Magrini, I. M.....13515
Magrou, J.....10472,10570-1
Magruder, R.....13924
Mahabale, T. S.....10266
Mahadevan, V.....12468
Maillard, F.....9947
Mainardi, G.....14157
Malabar, P.....14592
Malan, A. I.....13457
Malheiro, D. M.....12457
Malkin, B.....12651
Malterre, H.....11208,11211,
14148
Mancini, E.....10700
Mandt, P. H.....13441
Manelski, E.....13516
Manetti, C.....10733-4,
11100-1,12963,13058,
13203,13306,13859-60,
14158
Mangano, G.....13517
Mangel N., R.....13307
Manguin, E.....10271
Maniglia, R.....12059
Manni, C.....14320
Mansfield, M. E.....11960
Mensurova, V. V.....10512
Manteuffel, H. Freiherr
von.....14344
Manton, I.....10473-4
Manzano, M. A.....13308
Maple, J. D.....12732-3
Maqsood, M.....12173
Marais, A.....11447
Marani, M.....10701-2
Marassi, A.....14159
Marburger, R. E.....11805
Marcel, M.....10014,13309
Marcenac.....11726
Marceron, L.....11067
March, H. W.....9604
March, M.....13649
Marchal, J.....12561
Marchal, J. G.....10572
Marchetti, M.....14160
Marchi, V.....10573
Marchionatto, J. B.....10314
Maria Gutierrez, J.....11401
Mariani, M.....11305,12884
Mariat, F.....10570

Item
Marie, R.....12652
Mariller, C.....10802
Marinelli, O.....9971
Marini, J. A.....11727
Mariottini, M.....14161
Markley, K. S.....11102
Maroney, M.....9881
Marquardt, J. C.....13748
Marquehosse, P.....10026
Marriage, K.....10949
Marriott, D. E.....9979
Marsais, P.....10574
Marsh, L. C.....14025
Marsh, R. E.....13011
Marshall, G. E.....12841
Marshall, J., Jr.....13345
Marshall, J. B.....10629
Marshall, W.....12174
Marth, P. C.....10575
Martin, G. L.....11841
Martin, H. F.....13138
Martin, J. B...13588,13650
Martin, O. A.....14248
Martin, R.....11154,12432
Martin Mendy, R.....12705
Martín Novelo, A.....11728-9
Martínez, A.....12653
Martínez Gómez, U.....13346
Martinson, Mrs. A.....12932
Martinaire, M.....13959
Md. Agr. Expt. Sta.....9679
Marzell, H.....10027
Marzorati, O.....12539
Mas-Guindal, J.....10950
Mascarenhas, C. C.....14535
Mascheroni, E.....11636,12364
Mass. Agr. Expt. Sta.....
9680-2
Mass. State Col. Ext.
Serv.....9797-8
Massaux, R.....11672
Massé, A.....13589
Massey, G. F.....13012
Massi, E.....13831
Massler, M.....14546
Massol, R.....10036
Massone, E.....13695
Masterman, N. K.....13013
Masurovsky, B. I.....13416
Matagrin, A.....11562,11604,
14003
Mather, W. H.....13518
Matheson, R.....12706
Mathews, J. J.....10069
Mathews, S.....9764
Mathieu, J.....11030
Matterson, L. D.....12106
Mattingley, G. H.....13609
Mattoon, H. G.....12433
Mattson, S.....11155-8,11191
Maubert, J.....14628
Mauer, H.....12460
Maugini, A.....14162,14321
Maume, L.....10576,11273
Maupas, A.....11448
Mauro, J.....13295
Mautner, S. E.....11592
Mawson, E. H.....14593
Maxcy, K. F.....12560
May, E. S.....12246
May, J.....12964
Mayans, J. J.....11617
Mayer, R.....10711,10795
Mayhew, P.....12298
Maymone, B.....11836
Maynard, J.....11842
Mayo, N. S.....11730
Mazurier, A.....10572
Mazzolani, G.....10221,10951
Mazzoni, R.....11806
Mead, H. W.....10302
Mead, M.....14536

Item
Means, R. H.....11673,11843
Medici, L.....10070
Médici, M.....12495,12540
Medina, L. J.....13749
Medina Ben, V.....14420
Medina Sanchez, C. A.12299
Medvedev, I. D.....12006-7
Meehan, A. F.....12434
Meek, M. W.....12218
Mehta, V. K.....12496,12541
Meinke, W. W.....14575
Meites, M.....10475,10577-8
Melady, J. H.....10952
Mello, L. V. G. de...13310
Meloy, G. S.....13861
Menendez, J.....14322
Meneough, H. M.....11637
Méquignon, A.....12654-6
Mercer, E. H.....13519
Mercer, R. D.....9808
Merchant, I. A.....13750
Mercier, A.....10222,11103
Merck & Co., Inc.....9964
Merendi, A.....11488
Mericle, C. D.....13014
Merrill, E. D.....10223
Merseyside (Eng.) Advisory
Joint Planning Com...9900
Merz, A. R.....9530
Metcalf, R. L.....12741
Metcalf, B.....13995
Metge, R.....9947
Methot, J. R.....12542-3
Métrod, G.....10290
Meyer, E.....9965
Meyer, H. R.....9607,11594
Meyer, J. R.....10122
Meyer, L. C.....12933
Miatello, H.....14163
Michaelis, H.....11981
Michelbacher, A. E...9658,
12856
Michieli, R. de.....14164
Mich. Agr. Expt. Sta.....
9683-90
Middleton, J. T.....10323
Midgley, A. R.....9745
Miège, E.....9948,11674
Mikesell, R. F.....14209
Mila, L.....13862
Milan, D. F.....14559
Milburn, V. S.....13792,
14165
Millen, T. W.....12497
Miller, A. E.....13258
Miller, A. W.....11877
Miller, C. D.....14594
Miller, C. R.....14456
Miller, E. S.....13696
Miller, F.....14203
Miller, M. M.....9799-801
Miller, R. C.....11675
Miller, R. H.....11807
Miller, R. N.....13114
Millice, R. B.....13015
Millikan, C. R.....10357
Millot, J.....12585
Mills, T.....11525
Millner, F.....10123
Minett, F. C.....12008-9
Minn. Agr. Expt. Sta.....9691
Minn. Univ. Agr. Ext.
Div.....9799-802
Minut, J.....13382
Miranda, A.....10703
Miranda, F. de F.....14570
Misharev, A.....11982
Mishustin, E. N.....11130
Miss. Agr. Expt. Sta.....
9692
Miss. State Col. Ext.
Serv.....9803-5

Item
Mo. Agr. Col. Ext. Serv...
9806-7
Mo. Agr. Expt. Sta.....9693-5
Mitchell, C.....13651
Mitchell, C. W.....12345,
14668
Mitchell, E.....14093
Mitchell, H. K.....10625
Mitchell, J.....12175
Mitchell, R. D.....11350
Mitra, B. N.....13520
Mitton, R. L.....11676,12264
Mönnig, H. O.....11731
Moewus, F.....10561
Moffit, E. B.....9966
Moffit, G. M.....12498
Mohácsi, T.....13172
Mohácsy, M. von.....13567
Molino, V.....12544
Moll, R.....14026
Mollin, F. E.....11928
Moltoni, A.....10704
Monchadskiy, A. S....12742
Monroe, C. F.....11866
Monsaroff, B.....13522
Mont. State Col. Ext.
Serv.....9808
Montanaro, G.....12247
Montarlot, G.....11159-60
Montgomerie, R. O...11176-7
Montgomery, G.....9792
Montgomery, G. A.....14078
Montgomery, J. T.....11808
Montgomery, P. H.....13214
Montoya Gómez, A.....13311
Moore, C. A.....9738
Moomaw, I. W.....14373
Moore, A. C.....12060,12176
Moore, C. M.....13016
Moore, D. E.....12265
Moore, E. C.....11068
Moore, E. N.....12109
Moore, F. E.....12195
Moore, G. E.....11069
Moore, L. B.....10279
Moore, M. B.....10358
Moore, M. H.....10381
Moore, R. P.....12365
Moore, W. R.....11031
Morani, V.....12254
Morazain, J. G.....14207
Moreau, L.....13652
Moreira, J.....12010
Moreira, M.....14166
Moreland, C. F.....10535
Moreton, B. D.....12657
Morrettini, A.....10834
Morgan, B. B.....11878
Morgan, B. C.....14249
Morgan, C. N.....11032
Morgan, O. V.....10814
Morison, G. D.....12499
Morrell, C. A...14539,14598
Morrill, S. D.....9585
Morris, L. E.....14421
Morrison, B. Y.....10043
Morrison, G.....11033-4
Morrison, H. E.....12707
Morrison, J. G.....12177
Morrison, R. D.....13312
Morrison, S. R.....11929,
13751
Morse, R. W.....9732
Mortensen, E.....9741
Mortensen, M.....13442
Morton, C. V.....10249
Morton, F. A.....12735
Morwick, F. F.....11331
Mosher, H.....13568
Mosher, M. L.....14048
Mosnat, H. R.....10953
Moss, E. G.....9531



Item	Item	Item	Item
Mosto, D.....14517	Needham, J. G.....12900	Norman, N. P.....14543	Orchard, E. R.....11161
Mote, D. C.....12707	Neelands, W.....14422	Norman, P.....11280	Orchard, M.....12181
Mottern, H. H.....13627	Neeley, C. M.....13139	Normand, D.....10224	Oreg. Agr. Expt. Sta.....9732
Mottram, W. R.....13383	Neiswander, C. R.....12842	Normand, L.....14325	Oreg. State Col.
Motz, F. A.....10820	Neiswander, R. B.....11192, 11226, 11261, 12843	Norris, C. B.....9604	Ext. Serv.....9819-38
Moule, G. R.....12266	Nelson, D. H.....9717	Norris, F. H.....10124, 11605	School of Forestry.
Mounce, I.....10302	Nelson, J. M.....11961	Norris, L. C.....14571, 14596	Oreg. Forest Prod.
Mowry, H.....11412	Nelson, M. H.....13017	North, W. R.....13191	Lab.....11561
Moxon, A. L.....9737, 11104	Nelson, R. C.....10316	N. C. Agr. Col. Ext.	Orfila, R. N.....12811
Moyer, A. J.....10647	Nesius, E. J.....9796	Serv.....9815-16	Orive Alba, A.....11334
Moyer, J. C.....13653	Nesmith, E. N.....10955	N. C. Agr. Expt. Sta.....9723-6	Ornduff, D. R.....13793
Mraz, C.....12500	Nesom, G. H.....10515	N. Dak. Agr. Expt. Sta.....9727	O'Rourke, F. J.....12798
Mudaliar, B. S.....11274	Ness, A. T.....11956	Norton, C.....10956	Orpet, E. C.....11105
Mühlsteph, W.....11533	Nessett, G.....9585	Norton, L. J.....14492	Orr, Sir J. B.....9918, 9938
Müller, A. S.....10315	Nétien, G.....10580	Norton, R. E.....11962	Orshanskaia, V. N.....11740
Müller, F. S.....10476	Nettleton, A.....11538	Nottin, P.....13698-703	Orsini, P. d'A.....14028, 14326
Müller, K. O.....10359	Netto, F. A.....13018	Nouvel, J.....12440	Ortega Catáneo, H.....11517
Müller-Wesel.....11764	Nevano, G.....10705	Novelo Franco, E.....10706	Ortiz, N. C.....14170
Muenzner, G.....14044	New, G. M.....12438	Nowitzki, E.....11733	Ortiz Camacho, A.....12772
Müri, E.....10954	N. J. Agr. Col. Ext.	Noyen, J.....14696	Ortiz R., G.....10806
Mujica, O. E.....12033	Serv.....9813	Noyola V., J. F.....14493	Ortolli, M. F. D'.....12747
Mukerji, S. K.....11409-10	N. J. Agr. Expt. Sta.....9697-714	Nuber, J. R.....14494	Orton, C. R.....14669
Mull, R. P.....10071	N. Mex. Agr. Expt. Sta.....9615-18	Muñoz, R.....14424	Orwin, C. S.....9908
Mullen, A. J.....13752	New South Wales, Dept. of Agr., Ent. Branch.....12439	Nurse, F. R.....12901	Osburn, M. R.....12799
Mullett, H. A.....14167	N. Y. (City) Food and Nutr. Com.....9985	Nutile, G. E.....10584	Osgood, G.....12182, 13098
Mullick, N. P.....12545	N. Y. (Cornell) Agr. Col. Ext. Serv.....9814	Nybrotten, A. N.....9667	Osland, H. B.....11809
Muma, M. H.....12586, 12645	N. Y. (Cornell) Agr. Expt. Sta.....9719-21	Nyffenegger, A.....11678	Osse, L.....11449, 13099
Munch, J. C.....12435	N. Y. (Cornell) Engin. Expt. Sta.....12995	Nystrom, G. H.....12965	Ostapenko, L. A.....10591-2
Munger, T. T.....9605	N. Y. (State) Agr. Expt. Sta.....9722	Oakley, J. E.....11930	Osterlag, R. von.....11734
Munro, D. C.....14537	N. Y. State Dept. of Agr. and Markets.....9556, 13222	Oakley, M.....13962-3	Ostrom, C. E.....11587
Munro, J. A.....12436, 12708	New Zeal. Dept. of Agr.....10342	Oando, N.....14081	Ostwald, E.....9539
Munsell, R. I.....10749	Fields Div.....10769	Obaton, F.....10125, 10636	Otago-Southland Young Farmers' Club. Council....14374
Munz, P. A.....10025	New Zeal. Soil Conserv. and Rivers Control Council.....10046	Oberg, R.....11332	Otoya A., F.....12658
Muratov, A. P. K. See Kiur-Muratov, A. F.	Newark, C.....14423	Obermayer, E.....13704	Otter, F. L.....11335
Muratov, S. I.....12011	Newell, R. E.....12502-3	Obregón, G.....12966	Otto, V. E.....13909
Muromtsev, S. N.....11732	Newman, G. A.....13961	Obregon Botero, R.....13964	Otty, M. G.....11844
Murphy, E. J.....13697	Newman, L. H.....12844	Ochoa, H.....13044	On, S. H.....10360
Murphy, J. M.....11879	Newman, M. R.....9611	Ochoa, L.....10392	Overbeek, J. van.....10586-7
Murrill, W. A.....10028	Newman, T.....12179	Otomösy, D.....13744	Owen, L. N.....12441
Muruzabal, A.....10613	Newton, J. D.....11178	Oettingen, W. F. von.....12437	Owen, W. P. See Powell-Owen, W.
Musillo, G.....14079	Newton-White, E.....14629	Ogien, G. E.....11956	Owens, H. B.....10031
Mussehl, F. E.....13908	Nichiporovich, A. A.....10581	Ogdon, M.....13977	Owens, W. H.....11972
Mussel, H.....12001	Nicholas, J. E.....13019	Ogle, R. C.....12180	Oxford Univ. Agr. Econ. Res. Inst.....9886
Musser, R. H.....11380	Nickell, P.....13074-5	Oglesbee, J. C., Jr.....9587	Oxy-Acetylene Tips.....13045
Muth, O. H.....9732	Nickerl, R.....11548	O'Hanlon, M. J.....12226	
Mutti, R. J.....13455	Nicol, H.....11275	Ohe, H. von der.....12113	
Muttoo, R. N.....12501	Nicol, J.....11744	Ohio Agr. Col. Ext. Serv.....9817-18	
Myers, d'O. C.....14286	Nicolas, M. G.....12845	Ohio Agr. Expt. Sta.....9638, 9728, 14118	
Myhre, A. S.....10579	Nicora, C. D.....14250	Ohio State Univ. Dept. of Rural Econ. and Rural Sociol.....14118	
	Nieland, L. T.....11526	Citaven, A. V.....10029	
Najera, E. G.....14027, 14045	Nielsen, E. L.....10478	Oka. Institut.....14626	
Nájera Angulo, L.....12709	Nikitina, M. I.....11175	Okay, S.....12885	
Nanda, P. N.....10768, 12267	Nikolaev, A. M.....9940	Okla. Agr. Expt. Sta.....9729-31	
Nandi, H. K.....11035	Nisbet, J. C.....13347	Bixby Veg. Res. Sta. 9730	
Nannini, S.....14323	Nistri, P. F.....14324	Olariaga, N. de.....14287	
Narasimhan, P. S.....9884	Nobécourt, P.....10582-3	Olberg.....10657	
Narayanawamy, B. V.....9884	Noble, G. L.....12934	Oldershaw, A. W.....10030	
Nash, C. L.....14471	Noble, I.....14595	Oliva, A.....10675, 10707	
Nast, C. G.....10477	Noble, K. F.....13814	Oliver, A. W.....9831	
Nastukova, O. K.....12907	Nóbrega, A.....13313	Olivo, G. D.....10587	
National Com. on Housing, N. Y.....9885	Nobrega, N. R.....10391	Ollea, D. E.....13276, 13524-6, 14168	
National Coop. Proj., Conserv. of Nutritive Value of Foods.....9665	Nobrega, P.....12110	Olmos Castro, A.....11333	
National Council of Amer.-Soviet Friendship. Sci. Com.....14718	Nolan, L. C.....14682	Olmsted, C. E.....10585	
National Poultry Conf., Canada.....9967	Noon, M. L.....12504	Olmsted, F. S.....11429	
National Res. Council. Com. on Food Habits.....9980	Nord, F. F.....10071	Olson, J. T.....13753	
Naudé, S.....14538	Nordfeldt, S.....12325	Olson, W. Z.....9606	
Naudet, L.....13960	Nordlinger, E. W.....13020	O'Neal, W. F.....13754	
Neal, J. H.....13043	Noriega Calmet, E.....11464	Ontario. Dept. of Agr.....12320, 13917	
Neal, P. A.....12437		Opitz, H.....9941	
Neale, P. E.....13523		Opitz, K.....11276	
Neatby, K. W.....14080		Oppermann, T.....12346	
Nebr. Agr. Col. Ext. Serv.....9809-12			
Nebr. Agr. Expt. Sta. 9696			



Item	Item	Item	Item
Parish, A. J....12087,12183	Perrier de la Bâthie, H....10231	Pompa, A.....13384	Quisenberry, K. S....10365
Parisi, O.....11638,11931	Ferrin.....11508	Pomponio, H. C.....10364	Rabault, M.....9947-8
Parker, R. L.....12506-7	Perrin, D. D.....11652	Pomriaskinsky-Kobozieff, N. A.....9962	Rabuffo, V. M.....13445
Parkin, E. A....12417,12710	Perrot, E.....13965	Pool, F.....9894	Racicot, H. N.....10302
Parodi, E.....10072	Perrot, E.....13604,14004	Poos, F. W.....12442	Racine, J.....13076
Parodi, L. R....10126,10425	Perry, E. J.....9703	Fope, M. N.....10588	Radder, N. J.....13142
Parrot, A. G.....10479-82, 12773	Perry, L. M.....10223	Fopenoe, W.....10043,10128	Fadeleff, R. D.....11954
Parshall, R. L.....11336	Peru. Departamento de Fomento Frutícola...10821	Portelance, R.....14632	Radet, E.....11213
Parsons, L. C.....13910	Peters, F. N.....13707	Porter, L. C.....13140	Radice, J. C.....14541
Paslay, R. C.....13100	Petersen, W. E..9791,11934	Porter, R. P.....11036	Radlove, S. B.....13863
Pasquet, P.....14363	Peterson, E. H.....12111	Portugal. Direcção Geral dos Serviços Agrícolas...13329,13958,14350	Rager, C.....14599
Passerini, G.....11932	Peterson, H. E.....11606	Post, K.....10962	Rahman, K. A.....12509-10
Fastac, M. I.....11078	Peterson, J. Q.....12300	Potapenko, A. I.....10589	Raimo, H. F.....13102
Pastore, R.....10045	Peterson, M. L.....9674	Potier de la Varde, R.....10267-70	Raimondi, R.....13824
Patch, L. H.....9543	Peterson, V. V.....13758	Potrissa, G.....12347	Rajagopalan, V. R....12268
Patel, B. M.....13418	Peterson, W. J.....11825	Potts, R. C.....12984	Ramachandra Rao, T. H....10130
Patel, M. D.....13418	Pett, L. B.....14539	Poulin, L. P....13240,14496	Ramadoro, A.....14328
Paterson, C. R.....12508, 12546	Pettkó-Szandtner, V. T....13759	Pouliot, L. J.....11607	Ramanujam, S.....10807
Patiño Navarrette, J.....10127	Petty, J. J.....9893	Poulson, D. F.....12711	Rambo, E. K.....9754,9847
Patrix, L.....12935	Pew, J. C.....9607,11594	Founden, W. D.....11866	Ramirez, J. C.....13966
Patrone, G.....10658,11518	Peyer, E.....13314	Powell, D.....10319	Ramirez, J. H.....13315, 13582,13864
Patterson, A. L.....14425	Peyerimhoff, P. de.12665-8	Powell-Owen, W....12186-7	Ramirez M., J.....11884
Patterson, E.....14354	Peyre, P.....10033-6	Fowers, D. H.....13527	Ramirez Moreno, A....13316
Patterson, G. R.....13163	Pfau, K. O.....11879	Fowers, H. B.....9752	Ramirez Moreno, G....11383
Patterson, W. I.....13192	Pfister, C. E.....10958	Pozzi, C. M.....11639	Ramponi, A.....11836
Patty, R. L.....13059	Pfund, M. C.....13260	Pradon, C.....12548-9	Ramser, C. E.....11384
Patworth, D.....12223, 12227-8	Phalnikar, N. L.....10631	Frager, N.....11554	Ramsey, R. J.....13419
Paul, A., Jr.....13101	Philippis, A. de..11489-90	Pratt, D. B., Jr....13021	Rand, F. V.....10073
Pauli, C.....12224	Phillips, G. M.....13421	Préaud.....14375	Randoin, L.....14600
Paulian, R.....12383, 12659-64	Phillips, H. C.....13911	Préceptis, P....13183,13587	Rands, R. D.....11109
Paulian de Félice, L.....12587	Phillips, J. M.....11963	Free, H. L.....11037	Ranger, L.....14175
Paulling, J. R.....9806	Phillips, R.....11680	Freger, W.....11338	Rankin, J. D.....13798
Pavcek, P. L.....14597	Philpott, D.....12185	Fretoria Univ.....10476	Ransom, E.....14204
Pavillard, J.....10426	Piacco, R.....10317	Preuss, A. G.....13710	Rao, M. V. K.....12249
Paviolo, I.....9929	Piani, G.....14171	Preussische Akademie der Wissenschaften..10027	Rao, T. N.....10807
Pavlenko, S. M.....11736	Pic, M.....12669-71	Prevot, A. R.....10640	Raper, K. B.....10039
Pavlov, P.....11737	Pierce, D. M.....12743	Preyer, A. T.....14540	Rapp, W. F., Jr....10250, 12712-13
Pawley, W. H....13239,14049	Pierce, G. E.....10959	Prieto, C.....12012	Rasmussen, K.....12269
Payne, H.....13223	Pierre, H. F.....13401	Princeton Univ.....14485	Rasmussen, W. B.....12707
Payne, L. F.....12184	Pierre, Abbé.....12672	Pringsheim, P.....10100	Ratcliff, J. D.....12910
Payne, M. G.....12391	Pietre.....13261,13794	Prinzi, D.....14082-3	Ratera, E. L.....11071
Pearce, J. A....13259,13913	Pietre, M..11765-6,12021, 12245,13175,13348, 13443,13569,13708, 13760-2,13795-7, 13823,14172	Prior, R.....11882	Rau, G.....11716
Pearce, W. E.....13656	Pigorini, L.....12890	Probst, A. H.....10794	Rau, K. G.....11717
Pearson, E. J.....13361	Pineiro, A.....11199	Procter, F.....13349	Rauch, G.....13655
Pearson, H. S.....14251	Pineiro, A. C.....14173	Procter, G. C.....11038	Raucourt, M....12396,12444
Pearson, O. H.....10709	Pink, L. H.....14495	Proctor, R. E.....9796	Rave, D.....11465
Peede, L. G.....14680	Pinney, F. M.....9795	Proscholdt, O.....11883	Ravenscroft, V. F....12936
Peer, G.....12968	Piper, P. A.....12381	Prokoshev, V. N....10053-5	Rawlins, W. A.....12414
Pegg, S. E.....11933	Piquet, H. S.....14631	Prosperi, V.....10853	Ray, G.....13865,14252
Peglion, V.....10361-3	Pires, A.....12012	Protasov, A. I.....12013	Razous, P.....11582-3
Peirson, H. M.....12366	Pirie, N. W.....10071	Froulx, J. R.....13763, 14084	Rea, H. E.....12984
Pellegrin, F.....10225-30, 10427	Pirnie, M. D.....9686	Prout, H.....13654	Read, H.....14253
Pallett, F. C.....11106	Pirone, P. F.....10318	Provan, A. L.....13385	Reakes, G. R.....11845
Peltier, M.....12384	Pirovano, A.....10842	Proveaux, C. L.....13141	Reay, D. P.....13060
Pelzer, K. J.....9887	Pistor, W. J.....11881	Pryor, D. E.....10380	Rechter, N.....10660
Pemberton, R.....13756	Pitkin, W. B.....9865	Puaux, G.....14174	Red Cross. See American Natl. Red Cross.
Pendell, E.....9865	Piton, L. E.....12673	Fuerto Rico. Agr. Col. Ext. Serv.....9839-41	Red-Ray Mfg. Co., N. Y....13530
Pendleton, R. L.....11212	Pitot, A.....10483-4	Fuerto Rico. Univ....9888	Redditt, J. R.....9810
Penet, P.....14630	Pittier, H.....10160	Pugh, B. M.....10009	Redman, K.....12436,12708
Penha, A. M.....12229	Pizer, N. H.....11162	Fugaley, L. I.....14598	Reed, E. P.....12801
Pennell, F. W.....10159	Platt, C. S.....9698,9706, 9710,9712	Fuhr, L. F.....9736	Reed, G. M.....10964
Pennington, C.....11107	Platt, D.....10961	Fullinger, E. J.....13350	Reese, H. H.....14712
Pennock, W.....11108	Plimpton, A. A.....12248	Furpa, A.....13528	Reeves, E. A.....11385
Pa. Agr. Expt. Sta....9733	Pobeguín, T.....10637-9	Furves, C. M....13176,13977	Regia Azienda Monopolio Banane.....13570
Pa. State Col.....9984	Podolsky, E.....13205	Fusch, T. C.....13711	Régnier, R.....14633
Penzhorn, E. J.....13832	Poe, E.....11381	Pushkarnath.....11039	Rehder, A.....10233
Pepper, B. B.....9707	Poesch, G. H.....10960	Pyke, W. E.....13912	Rehn, J. A. G.....12902
Peraza, V. M.....11810	Pohly, C.....14369	Pyle, R.....10129	Reiber, H. G.....9659
Perdisa, L.....9929	Foissón, A.....12775	Quackenbush, F. W....9671	Reich, U.....11466
Peregrine, A.....13421	Foissón, R.....12774-5	Queney, A.....10232	Reichert, J. S.....11608
Pereira, R. S.....12457	Polish Pub. Com. (Gt. Brit.).....9862	Questel, A.....11277	Reichsverband Deutscher Schafzüchter e. v. Berlin 9968
Pérez Arbelaez, E....10659	Pollard, A. G..11180,11420	Quevedo, C. V.....11382	Reid, A. W.....13023
Pergola, V.....13757	Pollard, P.....12301	Quick, H. L.....11964	
Perkin, G. F.....13215		Quirch Rosell, E....13444	
Perotti, R. M.....12088			



Item	Item	Item	Item
Reid, E. B.....13605	Robinson, B. B.....10735	Ruche, H. A.....14606	Sautet, J.....12746-7
Reid, M.....13913	Robinson, C. A.....11340	Rudel Machinery Co.,	Sauvin, A.....10035
Reid, W. D.....10387	Robinson, D. H.....11222	Ltd. Montreal. Technical	Savastano, J.....10835
Reid, W. M.....13712	Robinson, E. M.....11902	Staff.....13530	Saville, J. E.....12191
Reilhes, R.....10485, 10590	Robinson, F. A.....14563	Ruden, W. L.....13047	Sayers, W. B.....11527
Reilly, H. C.....10137	Robinson, G. F.....11563	Rudge, A. J.....12514	Sayre, A. N.....11342
Reinhold, F.....10428	Robinson, H. G.....11682	Rudni, L.....13713-14	Sayre, C. B.....11402
Reinking, O. A.....10343	Robinson, J. S.....12367	Rudolph, B. A.....10366	Sayre, P. M.....14608
Reis, A. C. F.....13317	Robinson, L.....12061	Rudorf, W.....10037	Scandura, A.....13224
Reis, A. S.....12112	Robison, W. L.....12327	Ruiz Pereira, F.....12802	Scaramuzza, L. C.....10322
Reis, J.....12112	Robles, P. S.....11085	Rumler, R. H.....13103	Scarponi, F.....10710
Remy, P.....12588-90	Robles Ramos, R.....14683	Rummell, L. L.....13571	Scarseth, G. D.....11284
Renco, P.....9943	Roblin, L.....10969	Rungs, C.....12849	Scavone, G.....9929, 13531
Renne, R. R.....10803	Roche, H. W.....12847	Rupel, I. W.....11936	Scearce, J. L.....9590
Rennie, I. F.....9889	Rochira, A.....14178	Rupf, H.....11551	Schad, C.....10711, 10795
Renshaw, B.....14426	Rockwell, B. A.....12328	Rupp, H. M. R.....10234-6	Schade, R.....10038
Renton, J.....10965	Rockwell, F. F.....10816,	Rusev, Kh. G.....11739	Schädeli.....10974-7
Republic Steel Corp.	11040	Russell, Sir E. J.....11413	Schaefer, B.....12853
Agr. Ext. Bur.....9919	Rodenhiser, H. A.....10365	Russell, M. B.....11132	Schaefer, L.....12676-7
Retterer, E.....13318	Rodionov, I. M.....11738	R. S. F. S. R. Narodny	Schaefer, P.....11467
Reyes, A.....14670	Röhre.....13077	Komissariat Prosveshche-	Schaetz, F.....12001, 12019
Reynolds, E. B.....11163	Roemer, E.....11935	nif.....10024	Schaffhausen, J. F.....13062
Reynolds, H. A.....11628	Roemer, T.....10037	Russo, G.....12714, 12776,	Schandi, J.....13764
Reynolds, L.....14176	Roepeke, W.....12818	12850	Schantz-Hansen, T.....10661
Rhoad, A. O.....10043	Rogelio García, D.....11885	Ruth, W. A.....13579	Schapera, I.....9890
Rhode, C. S.....9570	Roger.....11683	Ryerson, K. A.....14681	Schatz, A.....10137
Rhodes, C. O.....14427	Rogers, A.....11813	Saberson, E. L.....11593	Schéhadé, H.....10033
Ribeiro, J. A. 13351, 13446	Rogers, W. S.....14005	Sabogal, J. R.....11282	Schenck, E. G.....9981
Rice, B. J.....13628	Rogick, F. A.....13448	Sabourin, R. P.....11640	Scherber, A.....10595
Rice, E. S.....14542	Rogick, L. A.....13915	Sadusk, J. F., Jr.....12560	Scheunert, A.....9981
Rice, G. E.....11386	Rognoni, E.....12512	Sainsbury, H.....14545	Schifani, A.....10662
Rice, V. A.....11811-12	Rohlf, J. A.....13046	Saint-Albin, E. de.....12674	Schiffino, J.....11509
Rich, S. G.....12511	Roig, J. T.....10131	St. John, J. L.....11658	Schlegel, C.....10001, 10063
Richard, H.....11184, 11278	Rojas, T.....10430	Saint-Marie, C. E.....10855	Schluter, G. C.....13320
Richard, P.....11983	Rokahr, M.....9588	Saint-Rat, L. de.....13868	Schmid, H.....10641
Richardau, D.....12752	Roletto, G.....14497	Saitta, A.....14329	Schmidt, E.....10817, 10978-9
Richards, A. G., Jr.....12744	Rolle, M.....12014	Sakharov, V. V.....10512	Schmidt, F. A.....11110
Richards, C. S.....12748	Rollino, J. C.....13352	Salaman, R. N.....9944	Schmidt, H.....14671
Richardson, L. R.....9693	Romero, G.....13591	Salcedo, L. F.....12675	Schmidt, P.....10980
Richter, A. A.....10591-2	Romero Manrique, A. 11279,	Saldarelli, R.....11521	Schmidt-Hebbel, H.....9986
Richter, C. P.....14601	13177	Saldías, M. O.....14179	Schmitt, J. B.....9708
Rickard, J. A.....11339	Romolotti, A.....12302	Salikov, M. I.....12016	Schmitt, M. B.....10486
Ricsóy-Uhlarik, V. B. von.	Romshe, F. A.....9730	Salinikov, F.....13967	Schneiber, H.....12969
14177	Root, E. R.....12513	Saltwell, A. D.....14256	Schnell, R.....10488-90
Riedl, W. A.....9751	Root, H. H.....12550	Salvatore, A.....10045	Schnitzer, J. G.....13765
Riegel, A.....10429	Rorty, J.....11280, 14543	Samper, A.....13815	Schofield, J. L.....10596
Riehm, E.....10320	Rosbotham, R.....9900	Samuel, G.....10367	Schofield, M.....13265
Riemenschneider, R. W.....	Roscoe, C.....12062, 12189	Sandberg, G.....11156	Scholes, A.....13532
13866	Rose Ugarte, L.....14635	Sandegren, E.....10634	Schoop, G.....12113
Ries, L. W.....9920	Rosenberger, C.....12270	Sanderson, C. J.....11886,	Schoose, C. W.....13572
Ries, V. H.....10966	Rosengurt Gurvich, B.....	12017-18, 12271	Schoppmeyer, E. H.....13715
Riester, D. W.....13656	10431	Sandoval, O. R.....14684	Schoppmeyer, W. G.....14498
Riggs, T. H.....13867	Ross, D.....12034, 13061	Sands, G. C.....13024	Schour, I.....14546
Rigler, N. E.....10533	Rossi, B.....9929	Sanford, L. J.....12852	Schrank, A. R.....10597
Rigotti, R.....10843	Rossi, L.....10702	Sanford, L. W.....11563	Schreiner, E. J.....10663
Riker, A. J.....10321	Rost, C. O.....11189	Sanglé, R.....14180	Schribaux.....13573, 13657,
Ringoet, A.....14634	Rostand, J.....12891	Sankaranarayanan, N. S....	13870
Riomilto.....10967	Roth, C.....11519	12268	Schribaux, E.....13658-9
Rion, K. E.....13606	Roth, H.....14604	Santa Fe (Prov.). In-	Schroeder, E. W.....13048
Ripperton, J. C.....10770	Rothman, B.....14208, 14516	stituto Experimental de	Schroeder, H. O.....12427,
Risi, J.....11575	Rothschild, K. W.....13241	Investigación y Fomento	12704, 12715, 12740
Riso, R.....9929	Rott, F.....9981	Agrícola Ganadero.....13833,	Schulte, R. B.....9671
Ritter, G. J.....11606	Roubaud, E.....12745	14345	Schultz, E. S.....10336
Rivas, A. F.....13590	Rouleau, E.....10161	Santiago de Vásquez, E. M.	Schultz, H. S.....11072
Rivas, J. G. (hijo).....13447	Rounds, M. B.....11341	10587	Schultz, H. W.....14547
Rivenburg, R. S.....13984	Rousseau-Decelle, G.....12848	Santos, J.....13319	Schultz, T. W.....14205
Rizet, G.....10511	Routier, E.....14544	Santos Biloni, J.....10237	Schumann, P.....11887
Roach, W. A.....10593	Roux, E.....11421	Sapre, S. N.....12591-2	Schunck de Goldfiem, J.....
Robbie, W. A.....12445	Rowe, B. M.....13262	Sarasqueta, P. A. de.....12515	10393, 10642
Robbins, W. J.....10486, 10594	Rowntree, L.....10970-1	Sarazin, J.....11283	Schuster, P.....14604
Roberson, F. K.....10968	Roy, J. B.....10771, 13985	Sarett, H. P.....14607	Schwab, J.....9784
Robert, P.....14254	Roy, K. B.....14288	Sargent, A. P.....13263	Schwab, J. W.....9788
Roberts, B.....10815	Royal Zool. Soc. of	Sargent, J. W.....11223	Schwartz, S. L.....9607, 11594
Roberts, C. A.....13029	N. S. Wales.....9976	Sarkisov, A. Kh.....11740-1	Schwartz, C. D.....10579
Roberts, F.....14602	Royt, F. L.....13986	Sarwar, M. M.....11742	Schwarz, H. F.....12803
Roberts, L. J.....9888	Rozhkov, G. I.....12015	Sass, J. E.....10487	Schweinfurth, C.....10238
Roberts, M. B.....9898	Rubber Res. Scheme,	Sastri, S. G.....13869	Schweisheimer, W.....13321-2
Roberts, W.....14189	Ceylon.....11281	Sater, L. E.....13264	Schweizer, T.....10981
Roberts, W. M.....9740	Rubeis, A. de.....13529	Satterthwait, A. F.....9573	Schwing, E. A.....12777
Robertson, J. D.....14603	Rubin, S. H.....14605	Sauer, E. L.....14271	Scotland. Dept. of Agr.....
Robey, G. D.....11629	Rubner, K.....11520		9959
Robin, F.....11491			Scott, D. H.....10501



Item	Item	Item	Item
Scott, H. M.....12178	Sibilia, C.....10368	Smith, R. C.....12379	Sprague, H. B.....9700
Scott, K.....11888	Sie, W. C.....9891	Smith, R. F.....9658,12856	Spriggs, D. N.....11891
Scott, L. E.....13660	Siegfried, A.....9947	Smith, S.....14185	Sprigle, R.....13802
Scott, O. K.....12748	Siegler, E. A.....10304	Smith, S. G.....12857	Squire, F. W.....13051
Scrase, T. D.....12255	Siemers, G. F.....13621	Smith, T. E.....9531	Srinivasan, M.....13520
Scully.....13816	Siems, H. B.....11430	Smith, T. L.....9676	Stafford, E. M.....9658
Seabrook, W. P.....10822	Sierra, H. M.....10713	Smith, V. R.....11938	Stafford, J.....14549
Seaman, E. A.....12748	Silberschmidt, K.....10391, 10394-5	Smits, M. B.....13716,14258	Stagg, A. L.....13803
Searight, W. V.....9737	Silva, E. M.....13871	Smyth, J. R.....12178	Stahel, G.....10132
Seath, D. M.....11846,13025	Silva, L. P. da.....14364	Sneed, J. F.....14006	Stakman, E. C.....10324, 10358
Seaton, M. A.....9790	Silva, M. M. da.....14510	Snor, J. J.....14007	Stallings, D. B.....12858
Seckman, M. C.....10982	Silveira, A. H. da...13323	Snow, E.....10491	Stamp, L. D.....9900
Sedletskiy, I. D.....11164	Simmons, K.....13266	Snow, R.....10598	Standen, J. H.....10371
Seeger, K. C.....12114	Simpich, F.....11767	Snyder, E. S.....13917	Standish, J.....11554
Segur, R. F.....13229	Simmonds, P. M.....10302	Snyder, J. C.....10856,10985, 12911	Standley, P. C.....10165, 14674
Séguy, E.....12440,12716	Simmons, J. R.....11553	Snyder, W. C.....10323	Stanek, M.....9811
Seidel, R.....13178	Simon, M.....11143	Snyders, S. L.....11890	Stanford Univ. Food Res. Inst.....13717
Seissiger, J. H.....13800-1	Simon, Lady S. D.....14430	Soares, B. M.....12596-7	Stanley, C. W.....14062
Selca, W. E.....12303	Simonpietri, R. H.....13916	Soares Filho, F.....13387	Stanley, J.....11387
Sell, O. E.....11285	Sims, H. J.....10714	Sobrero, L. R.....11045, 12982,13050,13105	Stanton, B. E.....13216
Sellier, E.....11422	Sinclair, J. B.....12036	Sochava, V. B.....10164	Stanton, H. R.....12938
Sellnick, K.....12020	Sinclair, R. D.....14183	Sociedad Rural de Bragado (Argentina).....13767	Starch, P. F.....11965
Sellschop, J.....11059,13925	Sinclair, W. B.....10519, 13838	Sociedade Cearense de Agronomia.....14721	Stare, F. J.....12083,14550
Sen, I.....12551	Singh, Sir J.....14184	Società Agricola In- dustriale di Etiopia..... 14458	Starnes, H. T.....12554
Sen, K. C.....11684	Singh, K.....12267	Società Agricola Italo- Somala.....14459	Starrak, J. A.....9673
Sen-Gupta, S. K.....13839	Singh, S.....12509	Society of Amer. Foresters .....9989	Stauffer, J. M.....11539
Sen Gupta, S. M.....13841	Singh, T. J. N.....12552	Sogandares, L.....14548	Stayman, S. J.....11939
Señas Encinas, F.....14672	Singh, U. B.....10369	Sohn, P. J.....13628	Steagall, E. F.....13389
Senay, P.....10239	Singleton, W. S.....13872	Sokolov, A. V.....11135	Steck, R. D.....13027
Senior-White, R.....12717	Siniscalchi, A.....14330	Solikamskaia Sel'sko- khoziaistvennaia Optynaiä Stantsiia...10025,10053-5	Steckley, J. C.....12320
Senn, E.....9947	Sippel, W. L.....12348-9	Sonnenbrodt.....12350	Steel, K.....10715
Senthille, F.....11968	Sirett, H.....13242	Sonntag, G.....13685-7	Steel, Sir S. S.....11469
Seoane C., E.....11343	Sitton, J. J.....12971	Soper, V. R.....9606	Steele, C. F.....13825
Sequeira, O. de.....12063	Skala, O.....12553	Soriano, S.....13388	Steele, W. G.....10736
Serdobol'skiĭ, I. P..... 11135,11165	Skalla, F.....11558	Sornay, J.....11468	Steeze, W. C.....11576
Serfaty, A.....12593-4,12876	Skipwith, H.....10983	Sosa, A. H.....11493	Steeves, T. A.....13119
Servière, H.....14428	Skolko, A. J.....10302,10352	Sosa-Bourdouil, C.....10513, 10643-6	Steeves, W. A.....14432
Servy, H.....10014	Skottsberg, C.....10432	Souèges, R.....10492	Stefano, G. di.....9929
Seshacharyulu, E. V..... 11409,13381	Skrepinskiĭ, A. I.....10757-8	S. C. Agr. Expt. Sta..... 9734-5	Steffek, E. F.....11113
Severson, H.....10712,14181	Skutch, A. F.....10251	S. C. (Clemson) Agr. Col. Ext. Serv.....9842	Stehlé, H.....10433
Seymour, O. J.....14429	Slabaugh, P. E.....11528	S. C. Univ.....9893	Stein, H.....11074
Sgandurra, C.....11492	Slamp, K. R.....9701	S. Dak. Agr. Expt. Sta.... 9736-7	Stella, E.....12598
Shadgett, L. M.....13143	Slaughter, Mrs. W. A..... 10984	S. Dak. State Col. Agr. Ext. Serv.....9843	Stellwaag, F.....12385,12859
Shaffer, J. J., Jr...10799	Sleesman, J. P.....12448	Southern, R.....13225	Stephens, S. G.....10493
Shannon, A. T.....12368, 13104,14257	Small, J.....13267	Southern Rhodesia Dept. of Agr. and Lands. Div. of Anim. Husbandry...13777	Stephenson, F.....9894
Shaplin, J.....9873	Smalley, H. R.....11233	Southern Rhodesia. Tryp- anosisomiasis Com.....12718	Stephenson, R. E.....11287
Sharp, C. C. T.....11111	Smallman, B. N.....12449	Southwick, L.....10845,11286	Stepp, J. M.....9734
Sharp, D. G.....11743	Smallwood, N. W.....9611	Soutter, R. E.....11073	Sterne, M.....11744
Sharpe, B.....10808	Smellie, E.....12516	Souza, P. F.....11494	Stevens, V.....13106
Sharpless, N. E.....12437	Smillie, E. W.....11959	Sorman, G. M.....10252	Stevenson, F. J.....11046
Shattock, P. M. F...13386	Smith, A.....13881	Soyer, D.....14696	Stevenson, S. S.....14510
Shaw, A. O.....11814	Smith, A. C.....10162, 11952-3,11973	Spangler, D. W.....10986	Stewart, A. H.....9984
Shaw, E. B.....13808	Smith, A. G., Sr.....9893	Spargo, L.....10846	Stewart, C. L.....14355
Shaw, W. M.....11436	Smith, A. H.....14506	Speakman, J. B.....13534	Stewart, C. F.....14610
Shawl, R. I.....9774,12970, 13049	Smith, C. B.....9604,12064	Spencer, A.....10987	Stewart, D. L.....13661
Shefrin, F.....13277,14182	Smith, C. H.....12115	Spencer, H. B.....14431	Stewart, F.....9656
Shelton, E. J.....12330-1	Smith, C. O.....10370	Speroni, J. C.....13535	Stewart, G. R.....10074
Shenurenkova, N. P...10517	Smith, F. F.....12412,12450, 12758,12903	Spicer, O. W.....12452	Stewart, H. A.....11641
Shepard, E. F.....14143	Smith, F. R.....13583	Spielman, H. W.....13536-7	Stewart, J. G.....11685
Shepherd, G. S.....9945	Smith, G. E.....12741	Spitz, G.....12021	Stewart, R. R.....10253
Sheppard, A. C.....12854	Smith, G. L.....9658,12856	Spoonner, H. L.....14259	Stienbarger, M. C.....9533
Sherman, H. C.....14609	Smith, G. S.....14673	Spottswood, A. F.....12937	Stiles, G. W.....11892
Sherman, M. S.....11423	Smith, H. C.....11889,13026	Sprague, D. C.....13118	Stinson, O.....11745
Shew, W. D.....13766	Smith, H. D.....13533		Stitts, T. G.....13353
Shewell-Cooper, W. E..... 11043-4,11112,11307	Smith, H. H.....11815		Stock, P. G.....12453
Shields, J. G.....10772	Smith, H. R.....12116		Stockdale, Sir F.....14186
Shirk, H. G.....9679	Smith, H. V.....9753		Stockley, G. H.....11495
Shnell', K. N.....12035	Smith, J.....11847		Stodard, J. A.....14272
Shoffner, R. W.....9816	Smith, J. C.....11163		Stoddard, R. B.....12454
Snollenberger, J. H.....9552	Smith, J. H.....9892		Stodola, F. H.....10647
Snolohov, V. A.....12250	Smith, J. R.....11510		Stoeckel, R.....11848
Shorland, F. B.....13992	Smith, L. B.....10025,10163		Stoeckler, J. H.....11529
Shuey, G. A.....9739	Smith, L. J.....9749		Stohlman, E. F.....12451
Shulley, F. J.....11552	Smith, L. M.....9658		Stokdyk, E. A.....14460
Shultz, O. F.....12215	Smith, M. C.....9753		Stokey, A. G.....10494
Shvanvich, B. N.....12855	Smith, M. G.....12595		Stoltz, E. H.....14260
Sibbitt, L. D.....13686	Smith, M. I.....12426,12451		Stone, R. G.....10434



Item	Item	Item	Item
Stott, C.....11530	Technical Assoc. of the	Tom, R. C.....11829	Ulliyett, G. C.....12721
Stotz, E.....13653	Pulp and Paper Indus.	Tomalin, T. E.....11047	Ulm, K.....11896
Stouter, K. W.....12351	Chem. Methods Com.....	Tomey, A. F.....12193-4	Ulrich, R.....10601-2
Stoutemeyer, V. T.....10810	11609-10	Tommasi, G.....10045, 11686	Underhill, R. M.....11048
Stover, H. W., Jr.....9698	Paper Testing Com.....11611	Toner, W.....13354	Underwood, A.....12198
Strait, J.....13028	Teeter, H. M.....13874	Tong, H. K.....9901	União dos Lavradores de
Straiton, E. C.....11893	Teichmann, E.....14551, 14611	Tonini, G.....10717-18	Algodo.....13875
Strang, J. W.....12192	Teixeira e Silva, H. de	Tontz, C.....10773	Union Cotonnière de
Stratton, A. J., Jr.....12065	M.....13390	Tooke, F. G. C.....12683	l'Empire Français.....9946-8
Stredwick, H.....10988	Telles, A. de Q.....13539	Toon, W. R.....10993	Union of South Africa.
Streich, W.....12352	Tempère, G.....12679	Torregritar, C. E.....13769	Dept. of Agr. and For-
Strerath, O.....11894	Templeton, G. S.....12219-20	Torreiro, R.....11769	estry.....11447, 11712, 12290,
Stronich, H. S.....11565	Tenn. Agr. Col. Ext.	Torrejon y Montero, A. de.	14436, 14514, 14538,
Stuart, H. O.....12178	Serv.....9844	14331-2	14551, 14611
Stubbs, E. L.....11895	Tenn. Agr. Expt. Sta.....	Torres, H. L.....10394	U. S. S. R. Sovet
Studiati, P.....10435	9738-40	Torres Herrera, J. M.....	Narodnykh Komissarov 1
Stumbo, C. R.....13826	Teran Gomez, L.....14046	13120	TSK VKF(b).....13925
Sturkie, D. G.....9653	Termohlen, W. D.....12195	Tortorelli, L. A.....11498	United Nations Interim
Sturkie, P. D.....9713	Terning, P. E.....11156	Touche, F. de la.....12975,	Comm. on Food and Agr....
Sturla, A. C.....13873	Terrell, A. C.....13145	13144	14047, 14627, 14631,
Subirfa y Carrillo, J. G..	Teske, A. H.....11288	Toussaint.....14054	14637-8
14261	Tex. Agr. Col. Ext. Serv..	Touton, J. B.....10436	United Provs. of Agra and
Suckert, E.....14187	9845-9	Tower, E.....11561	Cudh
Suit, R. F.....9722	Tex. Agr. Expt. Sta.....	Towner, E. B.....12518	Bur. of Statis. and
Sukhatme, P. V.....11940	9741-2	Townsend, S.....12369	Econ. Res.....13234
Sukhorutov, K. T.....10591-2	Thakurdas, Sir P.....9896	Townsend, T. S.....13913	Dept. of Agr. Agr.
Sullivan, L.....13968	Thalman, R. R.....11768	Trabaud, L.....10994	Reorganiz. Com.....9949
Surbeck, E.....10989	Thatcher, F. S.....13419	Trabut, L.....10032	U. S. Armed Forces Inst....
Suris, J. B.....14499	Thaysen, A. C.....14636	Tracy, P. H.....13451	9856
Survant, W. G.....9794	Thériot, I.....10032	Traill, D.....13541	U. S. Army-Navy-Civil Com.
Sutcliffe, F. K.....12392	Théry, A.....12677, 12680-1	Traum, J.....11865	on Aircraft Design
Sutherland, A. E.....12517	Thirumalachar, M. J.....10495	Travis, B. V.....12734-5,	Criteria.....9602, 9604
Sutherland, S. S.....14433	Thistle, M. W.....13828	12740	U. S. Bur. of Foreign and
Suttle, B.....13538	Thom, C.....10039	Treadwell, V. C.....13107	Dom. Com.....9878, 14015
Svenson, H. K.....10166	Thomann, W.....13450	Tree, R.....9902	U. S. Bur. of Labor Statis.
Sveshnikov, B. IA.....10599	Thomas, B. F.....13391, 13420	Treitel, O.....10496	13834
Swamy, B. G. L.....10495	Thomas, C. M.....12273	Tremblay, C. H.....13770	U. S. Bur. of the Census..
Swanger, C. H.....13774	Thomas, C. T.....10351	Trentin, A.....10796	14367
Swanson, C. H.....9658	Thomas, R.....10737	Tressler, D. K.....13662-3	U. S. Congress. House.
Swanson, D. W. J.....12973	Thomas, S. B.....13420-1	Trestail, W. R.....11344	Com.
Swanson, F.....13834	Thomas, W. J.....9897-9	Tretsven, J. O.....9808	Agriculture.....9988
Swanson, L. C.....11974	Thomasset, L. F.....13809	Trigona, G.....14190	Appropriations.....10057
Swingle, R. U.....10396	Thomlinson, J. W.....12555	Tronchet, A.....10135	Irrig. and Reclam.....9903
Switzerland, Fed. Expt.	Thompson, A. W.....11941	Troshin, I.....11816	Public Bldgs. and
and Seed Testing Sta.....	Thompson, B. G.....12778	Trudgen, C. E.....12976	Grounds.....9921
12678	Thompson, E. G.....13607	Trueman, H. L.....14675	Rivers and Harbors.....10058
Switzerland, Office	Thompson, F. L.....9900	Truffaut, M. G.....11078	Special Com. to Investi-
Vétérinaire Fédéral.....9958	Thompson, J. C.....9979	Trujillo Peluffo, A.....12684	gate Food Shortages....
Sykes, F.....9895	Thompson, L. A.....14086	Trummer, A.....11345	9950
Sylvestre, F. L.....13720	Thompson, R. A. H.....11496	Truscott, J. H. L.....13642	U. S. Congress. Senate.
Syme, P. S.....12939	Thompson, R. B.....13029	Tschaneff, K. See Chaney,	Com.
Symontowne, R.....13969	Thompson, W. R.....9974	K.	Agriculture and Forest-
Syverson, C. L.....11746	Thompson, W. W.....11825	Tukey, H. B.....10497, 11079	ry.....9922
Szabó, M.....14188	Thomson, D. K. S.....12682	Tully.....14333	Appropriations.....10075
Tabusso, M. E.....12022	Thone, F.....11075	Tummon, C. R.....11849	Banking and Currency....
Taccari, I. A.....10664	Thorfinnson, S. M.....14366	Turchin, F. V.....11166-7	9904
Taggart, W. G.....10799	Thorgrimson, M. R.....10991	Turégano, F. F.....11687	Finance.....9905, 9951
Talbot, M. W.....10746	Thorne, D. W.....11450	Turer, J.....13866	U. S. Dept. of Agr.....9527-
Tallarico, G.....10716,	Thorns, F. W.....10992	Turk, K. L.....11942, 13461	651
11114, 14030	Thoroughbred Racing	Turk, L. M.....9688	Agr. Adjust. Agency.....
Tams, W. H. T.....12817	Assoc. of the U. S.,	Turk, R. D.....12370	9544-50
Tanner, C.....13243	Inc.....9969	Turkey World.....12195	Agr. and Indus. Chem.,
Tanner, F. W.....11174, 13579	Thun, R.....10056	Turley, E. P.....12089	Bur. of.....9551-2
Tanner, H.....11643	Thwaits, T. W.....9658, 11076	Turmel, J. M.....10498,	East. Region. Res.
Tanov, E. H.....11133	Tiedjens, V. A.....10133	10521, 10600	Lab.....9551
Tarantino, G. B.....12272,	Tiemann, H. D.....11568	Turnbull, R.....12456	North. Region. Res.
12719	Tindale, N. B.....12860	Turner, E.....12251	Lab.....9552
Tardieu-Blot, M. L.....	Tindall, C.....13030	Turner, J.....11943, 12251,	Agr. Econ., Bur. of.....
10254-8	Tint, H.....10134, 10372	13179, 14191, 14472	9553-61, 9742
Tassi, L.....13768, 13778	Tirelli, M.....10325	Turner, J. N.....11944	Agr. Res. Admin.....9562-6
Tatum, E. L.....10625	Tischer, R. G.....13268	Turner, J. R.....12858	See also Anim. Indus.,
Taudiere, M. E.....12974	Tisdale, W. B.....10373	Turner, L.....12090	Bur. of; Dairy Indus.,
Taylor, A.....14085	Tisdale, W. H. J.....13540	Turner, R. G.....12720	Bur. of; Ent. and
Taylor, A. R.....11743	Titus, H.....14087	Turney, T. H.....11945	Plant Quar., Bur. of;
Taylor, C. R.....11747, 12985	Titus, R. T.....11577	Turnill, L.....12196-7, 13108	Expt. Sta.; Human
Taylor, F.....9901	Tobal, M. A.....11497	Turnill, L. C.....12117	Nutr. and Home Econ.,
Taylor, H. W.....13977	Tobin, R. B.....13262	Turpin, H. W.....14435-6	Bur. of; Plant Indus.,
Taylor, L. V.....13193	Tobón Villegas, A.....11077	Tustin, E. B., Jr.....11850	Soils, and Agr.
Taylor, R. E.....14434	Todd, V.....12599	Twigg-Porter, G.....12520	Engin., Bur. of
Taylor, T. T.....10240	Tognazzini, R.....13970	Twiss, Mrs. W.....12304	Anim. Indus., Bur. of
Tea Bur., Inc.....9987	Tollefson, V. E.....10823	Uhl, H. G.....11544	Fath. Div.....11748
	Tolman, B.....11289		



Item	Item	Item	Item
U. S. Dept. of Agr.--Continued.	U. S. Natl. Bur. of Standards.....13423	Veloze, L. B.....13032	Waldron, L. R.....13686
Budget and Finance, Off. of.....9567	U. S. Natl. Housing Agency, Fed. Pub. Housing Authority.....9913	Venezia, M.....10857	Walker, C.....9822-3, 9825-6
Commod. Exch. Authority.....9568-9	U. S. Off. of Ed. Div. of Inter-Amer. Ed. Relat....10077	Venkata, P. N.....12521	Walker, J. C.....10360, 10378
Dairy Indus., Bur. of...9570-1	U. S. Off. of Price Admin.....9952	Venkatanarusu, G.....11967	Walker, R.....13330, 13355
Distribution, Off. of...9572	Dept. of Inform.....9953	Venkataramaiah, M.....14462	Walker, R. H.....10776
Ent. and Plant Quar.....9573-80	U. S. Off. of Sci. Res. and Devlpmt.....10064	Venturoli, G.....10721	Wall, G. M.....10995, 11431
Expt. Sta.....9581-2	U. S. Off. of the Coordinator of Inter-Amer. Aff.....9906	Vercier, H. J.....10041-2	Wall, N. J.....14047
Puerto Rico (Mayaguez) 9581-2	U. S. Off. of the Surg. Gen.....12749	Verdecchia, G.....14193	Wall, P. F.....11290
Ext. Serv.....9583-8	U. S. President (Franklin D. Roosevelt).....14638	Verdoorn, F.....10136	Wallace, C. P.....12690
Farm Credit Admin.....9589-91	U. S. Treas. Dept. Library.....9907	Verge, J.....11750, 11968	Wallace, D.....9908
Coop. Res. and Serv. Div.....9591	U. S. War Dept.....9856	Vergnaud, H.....13877-8	Wallace, E.....10996
Farm Security Admin.....9592-3	U. S. War Prod. Bd. Off. of Prod. Res. and Devlpmt. 14701	Vt. Agr. Expt. Sta.....9744-6	Wallace, H. A.....14500
Fed. Crop Ins. Corp.....9594-7	Università degli Studi, Florence. Laboratorio di Chimica Agraria e Forestale.....9942	Vernava, A. D.....14453	Wallace, H. S.....14554
Foreign Agr. Relat., Off. of.....9598-600	University Col. of Wales, Aberystwyth. Dept. of Agr. Econ.....9861, 9892, 9897-9	Vernet Basualdo, E.....11351	Wallace, J. M.....10138
Forest Serv.....9601-8	Uphof, J. C.....11388	Verrall, A. F.....10375	Wallace, R. H.....10139
Forest Prod. Lab.....9601-2, 9604, 9606-7	Uphof, J. C. T.....11115	Verrier, M. L.....12904-5	Waller, A. G.....9701
Lake States Forest Expt. Sta.....9608	Upshaw, H. C.....10774-5	Verwey, W. F.....11900	Waller, D., Jr.....12523
Southwest. Forest and Range Expt. Sta.....9603	Urbach, C.....9984	Vezzani, V.....11836	Waller, E. F.....12120
Human Nutr. and Home Econ., Bur. of.....9609	Urbain, A.....14676-7	Vianello, G.....11901, 12118	Walley, G. S.....12804
Inform., Off. of.....9610	Ureta, E.....12861	Vicini, C.....11830	Walls, E. P.....13660
Library.....9611	Uri, D.....12091	Vidal, I.....11062	Walrath, E. K.....10709
Mktg. Serv., Off. of.....9612-24	Urquiola, R. M.....14461	Viehoeffer, A.....14552	Walsh, T.....10605, 11403
Fruit and Veg. Branch, 9554, 9556	Urruela, R. J.....14192	Vignerot, H.....10059	Walters, C. S.....11545
Personnel, Off. of.....9625	Ursprung, A.....10040	Vignerot, M.....14262	Wannop, A. R.....11688
Plant Indus., Soils, and Agr. Engin., Bur. of.....9626-8	Utah, Agr. Expt. Sta.....9743	Viking Fund, Inc.....10003	Warcollier.....13592
Rural Electrification Admin...9629	Uyeda, S.....10797	Vil'iams, V. R.....10060	Ward, G. H.....13356, 13462
Secretary, Off. of.....9630	Uys, C. J.....12199	Viljoen, J. H. B.....11902	Ward, S. J.....13408
See also Budget and Finance, Off. of; Personnel, Off. of.	Vacher, R.....9938	Villeneuve de Janti, J....12722-5	Ward, T. K.....13811
Soil Conserv. Serv.....9631-8	Vachon, M.....12600-7	Villiers, A.....12647, 12686-9, 12779-82	Ward, W. B.....9786
Upper Miss. Region....9638	Vageler, P.....11215	Vincent, G. P.....11612	Wardlaw, C. W.....14639
Supply, Off. of.....9639-43	Vagtberg, H.....13031	Vincent, S.....12522	Ware, H. G.....14465
War Food Admin...9644-50	Vaidyanathan, P.....13206	Vincent, V.....10722, 11163	Ware, L. M.....9657
See also Agr. Adjust. Agency; Commod. Exch. Authority; Ext. Serv.; Farm Security Admin.; Fed. Crop Ins. Corp.; Mktg. Serv., Off. of; Soil Conserv. Serv.; Supply, Off. of.	Valdivia, M. A.....13876	Vinet, E.....10603, 13326, 13652	Warfield, J. D., Jr.....13972
U. S. Dept. of State.....13927	Valducci, V.....14437	Vining, H. W.....12624	Warner, J. N.....11947
U. S. Dept. of the Interior. Div. of Inform...10076	Valencia M., M.....13324	Vinnitzky, I. M.....11751	Warren, D. C.....12072
U. S. Embassy, Habana, Cuba.....14015	Valleau, W. D.....10374	Vinton, C.....13826	Warren, D. E.....9773
U. S. Fish and Wildlife Serv.....14008	Vallenilla Ramirez, C.....14368	Virgili, F.....11499, 13180	Warren, E. de.....14194
U. S. Gen. Land Off.....14346	Valroger, P. de.....14347	Va. Agr. Expt. Sta.....9747	Warrington, S. T.....9591
U. S. Geol. Survey.....11342, 11346-9	Van Allen, P. E.....10818	Va. Univ. Ext. Div.....14438, 14464	Warwick, J. E.....13146
U. S. Libr. of Cong. Gen. Ref. and Bibliog. Div.....9871	Van Alstyne, E. K.....13613	Virtanen, A. I.....11181	Wash. Agr. Expt. Sta.....9748-9
U. S. Livestock Sanit. Assoc. Com. on Laws and Regulat.....11770	Vance, R. C.....13664	Virtue, R.....14553	Wash. State Col. Engin. Expt. Sta.....13114
	Vancheswaran, S.....11897	Vishnevskii, P. P.....12274	Ext. Serv.....9850
	Van Deinse, F.....11898	Visoku, V. S.....11984	Wasson, R. A.....11432
	Van Deman, R.....9537-40	Vitzhum, H. Graf.....9970	Watson, J. R.....10398
	Vandervort, J.....12200	Vogel, H.....12037	Watson, S.....13270
	Van Deventer, R. L.....11817	Voisin, J.....13328	Watson, S. J.....14612
	Van Drimmelen, G. C.....12066	Vollertsen, J. J.....13879	Watson, W. P.....12320
	Van Eovenberg, H. W.....11350	Volobuev, V. R.....11216	Watt, J.....14555
	Van Laere, R.....10824	Von Maltitz, L.....12275	Watt, R. D.....11389
	Vannuccini, G.....10719-20	Von Roeder, R. J., Jr.....11818	Watts, M. T.....10140
	Van Sinderen, A.....14712	Von Rosenberg, H. J.....12201	Weatherby, G. A.....10259
	Vanterpool, C. T.....10302	Vorontsov, A. I.....10326	Weaver, A. D.....13665, 13827, 13973
	Vargas, H. J.....13325	Vorreiter, L.....9993	Weaver, C. W.....11819
	Vaugh, M.....11224	Voss, J. G.....13452	Weaver, D. S.....9815, 13034
	Vayssière, P.....12685	Voth, P. D.....10604	Weaver, E.....9687
	Vaz, Z.....12457	Vsesoifuznafa Akademiia Sel'skokhoziaistvennykh Nauk im. V. I. Lenina....10052	Weaver, J. E.....10607
	Vazquez Ponce, A.....13810	Vyshelesskii, S. N.....11752	Weaver, L. E.....11451, 12314
	Vecchi, A.....12067	Wachtel, J. L.....10647	Webb, G.....11390
	Vélat, F.....11749, 11899, 12353	Waddell, E.....14595	Webb, R. J.....9669
	Veller, A. A.....12023	Waddington, F. G.....12024	Webber, H. J.....10327
		Wade, J. R.....13033	Weber, A. D.....11822
		Wadhams, N. K.....13453	Weber, N. M.....10819, 10957
		Wadley, F. M.....9579	Webster, C. B.....11391
		Wadsworth, F. E.....10665-6	Webster, H. N.....11049
		Wadsworth, R. V.....12458	Weck.....10667
		Wagenknecht Huss, R.....12726	Wedderburn, J. S.....9902
		Wager, V. A.....10377	Weeden, V. W.....10998
		Waggett, G.....13542	Weidemann, A. G.....9688
		Wagner, J. B.....11579	Weidmann, U.....12332
		Wagner, P. H.....12940	Weiss, H. B.....12386-7
		Wahnon, J. S.....13329	Welch, H.....12025, 13194
		Wakeman, T. J.....12977	Welch, W. F.....13402
		Waksman, S. A.....10137	Weld, J. T.....10141
			Weldon, R. L.....11613
			Wellington, W. G.....12388
			Wells, F.....9918
			Wells, H. W.....14263
			Wendelnuth, G.....9931
			Weniger, D.....12862



Item	Item	Item	Item
Went, F. W.....10608,11050	Wiggins, A. H.....10658	Wilson, W. K.....12221	Wright, J. G.....11905
Werkman, C. H.....10071	Wight, A. E.....11877,11903	Wilster, G. H...9732,13357	Wright, L. B.....9910
Werner, A. W.....9954	Wightman, R.....10778	Wiltse, M. W.....12372	Wright, P.....13545
Werner, G. M.....11938	Wigsten, F. M.....13054	Wiltshire, E. P...12865-6	Wright, R.....10143
Wertz, V. R.....14195	Wiklander, L.....11169	Wimmer, F. E.....10011	Wünscher, F.....14468
Wessels, A. L.....12729	Wilcox, J. C.....11452	Winiger, J.....12524	Wyatt, F. A.....11178
W. Va. Agr. Col. Ext. Serv.....9851-2	Wilcox, M. S.....13629	Winkler, A. J.....10648	Wylie, C. E.....9739
W. Va. Agr. Expt. Sta..... 9750	Wilcox, R. H.....9670	Winslow, C. P.....11578	Wylie, N.....11501
Westbrook, E. C.....11291	Wilcoxson, L. S.....11615	Winter, E. T...11352,12978	Wyman, D.....11006
Weston, H. E.....11614	Wildman, J. D.....13392	Winter, J. D.....13608	Wyo. Agr. Col. Ext. Serv.. 9854
Weston, T. A.....10999	Wilford, B. E.....11566	Wiprud, A. C.....9909	Wyo. Agr. Expt. Sta...9751
Weston, W. A. R. D...10379	Wilkins, F. C.....9591	Wirt, C. H.....11541	
Westphalen-Lemaitre, J.... 9947	Willaine, G.....13975	Wis. Agr. Col. Ext. Serv.. 9853	
Wetmore, L. S.....10858	Willard, C. L.....14682	Wis. Conserv. Comm...14641	Yang, H. P.....14439
Wetzel, G. F.....13053	Wille, J. E.....12784	Wis. Univ.....9602,9604, 9606-7	Yarham, E. R.....11502
Wetzel, J. H.....12941	Wille, R.....11820	Wisecup, C. B.....12751	Yaukey, J. B.....14401
Wetzel, O.....10142	Williams, C.....13404	Witkus, E. R.....10499	Yeager, J. F.....12867
Weyer, F.....12750	Williams, C. B.....14640	Witt, L.....11353	Yeatman, F. W.....9533
Weygandt, J. L.....12744	Williams, D. A.....10552	Witt, L. W.....14697	Yegian, H. M.....9680
Wheeler, C. M.....12911	Williams, Mrs. E. M..... 13078	Wittmer, W.....12691	Yerxa, C.....12459
Wheeler, E. H...12783,12863	Williams, E. V.....13405	Wittwer, S. H...9694,14613	Yoder, R. E.....9728
Wheeler, W. A.....13927	Williams, F. B.....12203	Wöhlbier.....11690	York, C.....9902
Wheeler, W. J.....11902	Williams, G. T.12074,12204	Woermann, E.....13771	Young, A.....14266
Whelan, L. A...11116,11292	Williams, L.....10160	Wolback, S. B.....14556	Young, E. R.....9795
Wherry, E. T.....10260	Williams, O. B.....9848	Wolcott, G. N.....11567	Young, G. A.....10629
Whippen, N. F.....14466	Williams, P. M.....9535	Wolf, F. A.....10440	Young, H. N.....14088
Whitaker, T. W.....10380	Williams, R. H.....11540	Wood, A. M.....14467	Young, J. A...11950,13928
White, B.....13217	Williams, T.....14189	Wood, C. W.....11003	Young, L.....11007
White, C.....14264	Williams, T. L.....11294	Woodhouse, W. W., Jr..... 9725	Young, W.....12307,14196
White, C. T.....10241	Williams, W. L.....14679		Ysita, E.....14502
White, H. H.....11948	Williams, W. O.....10648		Yu, T. F.....10382
White, J. W.....11293	Williamson, F.....11531		Yuncker, T. G.....10167
White, W. H...9564,9580, 13828	Williner, G. J.....12906	Woodmansee, C. W.....9665	Zaglits, O.....14047
Whitehead, E. I.....11104	Wills, N. R.....14265	Woodroffe, F. B.....11004	Zahniser, H.....9565-6
Whitehead, S.....12727	Wills, R. N.....11821	Woodroof, J. G.....9666	Zannoni, I.....11053
Whitehead, S. B...11000-1	Wilsie, C. F.....9674	Woodruff, L.....9807	Zanotti, M.....11511
Whiteley, G.....12073	Wilsmore, T. G.....14289	Woods, J. A.....11404	Zapparoli, T. V...10723-6
Whitford, A. C.....13543	Wilson, A.....14055	Woods, J. B.....11500	Zboray, G. von...14267
Whiting, A. G.....10520	Wilson, A. M.....9843	Woodside, V.....11616	Zehngraff, P. J.....9608
Whitney, D. J.....10777	Wilson, C. M.....10043	Woodward, H. C.....12038	Zeissig, A.....11753
Whitten, L. K.....12276	Wilson, F. D.....12205	Woodward, H. R.....12692	Zentgraf, E.....10437
Whymper, R.....13974	Wilson, G. S.....13196	Woodward, R. S.....11051	Zibecchi, R. A.....14290
Wichmann, H. J.13189,13195	Wilson, H. G.....12703-4, 12715	Wooten, J.....10738	Zich, G. E.....12206
Wicki, F. J.....11117	Wilson, H. Van P....11002	Worcester, C.....9593	Ziemann, H.....14440
Wickizer, V. D.....13717	Wilson, J. B...11689,14501	Worley, W. J.....11591	Zimmerle, H.....10669
Widmer, M.....12305,13544	Wilson, J. D...10328,12448	Wormald, H.....10381	Zink, E.....10607
Wiebe, G. A.....10514	Wilson, J. F.....12306	Worner, W. J.....11949	Zon, R.....11630
Wigan, F.....13403	Wilson, J. K.....9720	Worth, A.....12525	Zorn, W.....11691,12373
	Wilson, K. H.....12864	Wouters.....14696	Zucchini, M.....11217
	Wilson, L. V.....11904	Wright, D. E.....13709	Zumpt, F.....12728
		Wright, H. V.....11005	Zuroske, C. H.....14089



## SUBJECT INDEX

- Item**  
 Abaca.....9565,10734  
 Abies magnifica. See Fir, red.  
 Abnormalities and deformities. See subhead abnormalities under Insects; and subhead anomalies under Livestock, and names of animals and plants.  
 Abortion, contagious. See Brucellosis.  
 Abscesses, in horses.11987  
 Abutilon.....10728  
 Acacia.....10241  
 Acanthaspis.....12780  
 Acanthoscelides obsolitus larvae.....12649  
 Acanthus.....10974  
 Acarapis woodi.12461,12524  
 Acarina.....9970  
 Endeostigmata.....12576  
 Accidents.....12922,12926,12931,12939  
 France.....12914  
 legislation.....12914  
 prevention.....12915-16,12919,12927-8,12935  
See also Safety.  
 Accounting  
 China.....9891  
 Fire.....14273  
 France.....14269  
 Great Britain.....14272  
See also Farms and farming, records; and under specific subjects.  
 Acentropus niveus...12854  
 Acetylene.....10833  
 Acherontia.....12818  
 Acheta domestica...12875-6  
 Achimenes.....10969  
 Acidosis.....14510  
 Acids.....13899  
 Acmaeops marginata...12638  
 Acorns, as feed  
 for swine.....12324  
 Acomeryx.....12818  
 Acrididae  
 Argentina.....12878  
See also Grasshoppers and locusts; and names of families and genera.  
 Actia.....12724  
 Actinidia.....10187  
 Actinobacillosis  
 in cattle.....11864  
 Actinomycetae  
 in potato.....9744  
 Actinomycosis  
 in cattle.....11864  
 therapy.....11863  
 Adonis autumnalis...11706  
 Advertising.....13793  
See also subhead marketing under names of commodities.  
 Aedes, control.....12745  
 Aedes aegypti.....12744  
 and disease.....12750  
 Aegeria culiciformis.12810  
 Aeroplankton.....12388  
 Aerosols.....12412,12715,12740,12758  
 tests..12394,12437,12450  
 Aeschna grandis.....12873  
 Aesculaceae.....10233  
 Afforestation. See Re-forestation.
- Item**  
 Agar.....11087  
 Agelenopsis.....12586  
 Agonum longiventris..12655  
 Agrarian reform. See Land, reform.  
 Agrarian systems. See Land, tenure.  
 Agreements. See Trade, agreements and treaties; and under specific subjects.  
 Agricultural Conserv. Program.....9545  
 Arizona.....9544  
 California.....9544  
 Colorado.....9544  
 Idaho.....9544  
 Nevada.....9544  
 New Mexico.....9544  
 Oregon.....9544  
 Rhode Island.....9548  
 Utah.....9544  
 Washington (State)..9544  
 Western Region...9549-50  
 Agricultural economics. See Economics.  
 Agricultural engineering. See Engineering.  
 Agricultural experiment stations. See Experiment stations.  
 Agricultural extension. See Extension work.  
 Agricultural history. See History.  
 Agricultural Marketing Scheme (Great Britain)...13209  
 Agricultural Mortgage Corp. Great Britain.14035  
 Agricultural products  
 Africa.....13180,14326  
 Australia.....13206  
 Brazil.....13198  
 British Malaya.....13171  
 Canada.....13161  
 Colombia.....13152,13177  
 Cuba.....13199  
 France.13155,14252,14622  
 French Colonies...13155  
 Hawaii.....9771  
 Hungary.....13275  
 Indochina.....14010  
 Italian Africa.....13203  
 Mexico.....13164,13204  
 Portuguese Colonies...13165  
 Sakhalin.....14024  
 Tunisia.....14132  
 utilization.....13197  
 industrial.....13170,13204-5,14252  
See also Raw materials; and specific subjects.  
 Agriculture...14093,14183,14700  
 Africa.....14139,14159  
 Algeria.....14101  
 area of production  
 India.....9949  
 Argentina...9889,10126,14096,14111,14116,14166  
 Santiago del Estero...14163  
 Australia.....14196  
 Victoria.....14167  
 Belgian Congo.....14128  
 bibliographies...14620  
 Agriculture--Continued.  
 Bolivia.....14699  
 Lake Titicaca Basin...14122  
 Brazil.....10094,14170  
 Canada.....9598,14084,14165  
 Ontario.....14175  
 Stormont County....14119  
 China.....14439,14703  
 bibliographies...9871  
 Colombia.....9868,14081  
 Costa Rica.....9924  
 Cuba.....11200,14015,14154  
 Denmark.....14482  
 Dominican Republic.14153  
 Egypt.....14126  
 El Salvador.....9906  
 Eritrea.....14103-4  
 Ethiopia.....14114-15,14160-1,14171,14187  
 Europe.....14129-30  
 France.....11196,11211,11213,14098,14105,14107-9,14148,14172,14371  
 French Colonies...14113  
 French Equatorial Africa.....14120  
 French North Africa....14011  
 Germany.....14106  
 Great Britain.9895,9908,13147,14106,14123,14150-1,14191  
 Scotland.....9875  
 Honduras.....14090  
 Hungary.....14095,14177  
 Illinois.....9776  
 India..9855,10009,14149,14152,14184  
 Indiana.....14146,14714  
 Italian Africa...14030,14158,14178  
 Italian East Africa....14014,14193,14295  
 Italian Somaliland.14110  
 Italy..14097,14106,14126  
 Latin America.....10128,14017  
 bibliographies...10077  
 Libya..14124,14131,14133  
 Mexico.....10127  
 Rio Grande River Basin.....14236  
 Morocco.....14174,14332  
 New Zealand..13272,14196  
 Northern Ireland...14229  
 Ohio.....14118  
 organization  
 France.....14098  
 Paraguay.....10088,14117  
 Peru, Lake Titicaca Basin.....14122  
 postwar....14198,14203,14383,14403  
 Argentina.....14197  
 Canada.....14202  
 Peru.....14199  
 South Carolina...9734  
 Union of South Africa.14201  
 productive capacity  
 Europe.....14134  
 Tropics.....14194  
 regulation.....9883  
 Belgian Congo....14023
- Item**  
 Agriculture--Continued.  
 regulation--continued.  
 Union of South Africa.14135  
 situation and outlook...14099,14129,14140,14155,14195  
 South Carolina.....9893  
 Southern States...14125  
 Spain.....14094  
 Tennessee  
 Putnam County...14181  
 Texas.....9742  
 Timor.....14121  
 Tripoli.....14190  
 tropical...10043,10072,10099,10128,14162  
 Tunisia.....14132  
 U. S. S. R..9872-3,10068  
 Uzbekistan.....14142  
 Venezuela....14141,14192  
See also Agronomy; Corporation organization of agriculture; Farms and farming; and specific subjects.  
 Agronomy.....10675  
 Brazil.....14721  
 technique and equipment.11120  
See also Fertilizers; Field crops; Soils.  
 Agropyron.....10688  
 Agropyron repens. See Quackgrass.  
 Air raids  
 precautions.....11764  
 Airplanes  
 disinfection.....12431  
 in apiculture.....10773  
 transportation...13594,13599,13602  
See also Gliders; Seeds, planting, by airplane.  
 Alabama argillacea...12831  
 Albizzia le-testui...10230  
 Albucid.....11708  
 Albumin.....10590  
 Alchemilla vulgaris..10595  
 Alcohol.....13309  
 as fuel.....13040  
 from Jerusalem artichokes....13548,13588,13623-4,13650  
 from starch.....13200  
 from sugar.....13200  
 from sugar beets..13947,13959  
 sources.....13202  
 Alconeura.....12768  
 Alestrus n. g.....12656  
 Aleurodes, larvae....12765  
 Aleurodidae  
 anatomy and physiology..12762  
See also names of genera.  
 Alfalfa  
 as feed.....11712  
 Australia.....10741  
 biochemistry.....10515  
 culture..9654,9700,9851,10762,10769  
 diseases.....10353  
 effect on soils...11184,11264  
 equipment....12986,12989  
 fertilizers...11182,11317  
 harvesting.....12989  
 Italy.....10760  
 pests.9658,12442,12656-7



Item	Item	Item	Item
Alfalfa--Continued.	Anemia, in swine....12345	Apiculture--Continued.	Apples--Continued.
seed.....9527,9549-50	Anemia, infectious	colony management--con-	pests..9658,12643,12682,
soils.....11182	in horses....12011,12015	tinued.	12698,12757
U. S. S. R.....10757	Anemone.....10863	queens....12498,12530,	preharvest drop....10558
Algae	Anemone trifolia....10212	12534,12540-1,12544,	propagation.....10842
anatomy and physiology..	Anesthesia	12547,12551,12553	pruning.....10838
10100	for horses...12005,12020	seasonal..12462,12489,	utilization.....13592
Basque Region.....10271	Aneurin.....10570,10634	12529,12531,12533,	varieties.....10042
fresh-water.10271,10276,	<u>See also</u> Thiamine;	12535,12539,12546,	Apricots
10278	Vitamin B <sub>1</sub> .	12549,12555	drying.....9756
marine.....10275	Angelica.....11099	swarming..12498,12526,	varieties.....10041
<u>See also</u> Seaweed; and	Angiospermae..10083,10441,	12532,12536,12538	Aprocephalus marginatus...
names and classes of	10495	transferring....12537	12697
Algae.	Anigozanthus manglesii....	equipment...12491,12493,	Aquatic insects
Alkaloids.....10613-14	10906	12516,12518	Iowa.....12382
All-America Selections....	Aniline oil.....13191	combs.....12509	<u>See also</u> names of fam-
10811	Animal industry	extractors.....12471	ilies and genera.
All-India Plant Protec-	study and teaching..11641	hives.....12466	Aquilegia.....10000
tion Serv.....12443	Animals	France.....12549	Araceae.....10181,10196
Allergies	diseases.....14640	history.....12513	Arachnida
food.....14530	folklore.....12374	India.....12497,12509-10	France.....12577
<u>See also</u> Plants,	<u>See also</u> Livestock;	Italy.....9971	New Zealand.....12599
allergy-producing.	Wildlife; and names of	legislation.....12481	<u>See also</u> common group
Allied Florists and Grow-	animals.	migratory....12486,12511	names; and names of
ers of Canada, Inc..13987	Anomalies, plant....10438,	postwar.....12482	orders, families, and
Allopaupropus barcinonensis	10472,10481-2	regulation and inspec-	genera.
aubertoti n. var....12590	Anomiopsoides.....12653	tion.....12525	Araneida. <u>See</u> Spiders.
Allorge, Pierre.....14645,	Anopheles	research.....12485	Arbanitis.....12599
14677	control.....12733,12745	work management...12493	Arborvitae.....10985
publications.....14645	East Africa.....12730	<u>See also</u> Apis mellifera;	Archips argyrospila...9658
Alluaud, C.....12689	Kenya.....12737	Beeswax; Honey.	Archips fumiferana
Almonds	Anopheles maculipennis....	Apidae	anatomy and physiology..
France.....10033	12747	Chile.....12802	12857
pests.....9658	Anopheles quadrimaculatus	<u>See also</u> names of gen-	Area. <u>See</u> Agriculture,
Aloe.....10476	control...12732,12735-6,	era.	area of production; and
Alpacas.....11756	12741	Apis, as pollinators.12501	under specific subjects.
Alpine Meadow soils..11209	Anteos maerula.....12852	Apis indica.12468-9,12496,	Areca. <u>See</u> Betel-nut
Altitude, effect on planta	Anthaxia.....12676	12521,12526,12531-2,	palm.
10436,10580	Anthaxomorphus.....12680	12537-8,12541,12545,	Argentina. Tribunal de
Aluminum.....13265	Anthelmintics. <u>See</u> names	12551-2	Fiscalizacion de
Amanita muscaria....10281	of anthelmintics.	Apis mellifera	Semillae.....10677
Amaranthus.....10214	Anthicus.....12671	acoustic observations...	Armadillidium vulgare....
Amaranthus bouchonii..10232	Anthonomus grandis...12616	12517	12564
Amaryllis.....10924	Anthonomus pomorum..12624,	as pollinators...11110,	Armed forces
Ambrosia psilostachya....	12643	12488,12506,12522	food.....13445
10207	Anthracnose, of pea..10360	breeding.....12463,12502	health.....12419
American Airlines....13599	Anthrax.....11727-9	diseases...12461,12479,	<u>See also</u> U. S. Army;
American Farm Bur. Fed.	immunization.....11744	12483,12490,12494,	Veterans; Veterinary
<u>See</u> names of farm	Union of South Africa...	12499,12503,12505,	medicine; and under
bureaus.	11744	12524-5	specific subjects.
American Forestry Assoc.	Anthrenus.....9708	resistance.....12500	Aromatic plants
Forest Resource	Antibiotic substances....	folklore.....12492	Morocco.....10199
Appraisal.....11500	10137,14608	habits and behavior....	Arsenicals
American Oil Chem. Soc.	plant sources....10141,	12464,12484,	insecticides.....12623
Smalley Found. Com..13879	10627	12514,12520	Arsenites
American Phil. Soc...11624	<u>See also</u> Fungi, anti-	nutrition.12475-6,12489,	insecticides.12390,12432
American Vet. Med. Assoc..	bacterial.	12512	Arthritis
11693	Antimony.....11956	pests.....12487,12508	in livestock.....11749
American Viscose Corp.....	Antipus.....12670	races, Italian....12547	Artificial insemination...
13469	Antirhea.....10223	<u>See also</u> Apiculture;	11642
Amino acids.....12594	Apalochrus.....12669	Bees; Beeswax; Honey;	cattle..9703,11795,11821
in poultry nutrition....	Aparua n. g.....12599	Pollen, as feed for	Italy.....11636
12081	Aphelenchoides olesistus	bees; Sugar, as feed	poultry.....12066
on lily.....10397	Aphids, control.9658,12446	for bees.	Artisans. <u>See</u> Labor,
Amioca.....13715	Aphiidae	Apolpium.....12578	skilled.
Ammonia, in milk.....13382	France.....12754	Apple oil.....13868	Arum.....10632
Ammoniac.....13996	<u>See also</u> names of gen-	Apple redbug. <u>See</u>	Ascaridae.....11751
Ammonium carbonate...12627	era.	Lygidea mendax.	Asclepias syriaca. <u>See</u>
Ammonium nitrate	Apiculture	Apple maggot. <u>See</u>	Milkweed.
fertilizers..9812,11266,	apiaries.....12465	Rhagoletis pomonella.	Asclepias tuberosa...10975
11268,11415	Argentina.....12515	Apples	Ascobolus.....10447
Amphiploidy. <u>See</u>	as an occupation...12470	anatomy and physiology..	Ascochyta imperfecta. <u>See</u>
Polyploidy.	associations.12472,12480	9697,10842,11232	Black stem, of alfalfa.
Amylase.....10634	Australia.....12481	biochemistry.....10620	Ascomycetae.....10282
Anaplasmosis	beginners.....12478,12523	Canada.....13595	Ascorbic acid
in cattle...11889,11892	Bermuda.....12507	diseases....10355,10363,	in food processing.13621
Anastrepha ludens....12696	Canada.....12473	10369	in fruit.....14573
Anderson, Clinton P.11762,	colony management.....	control.....10381	in plants..10632,10644-5
14668	12527-8,12545,12548,	fertilizers..11232,11288	in vegetables.....9665,
Andropogon mocquersii....	12552,12554	harvesting.....9755	14582,14595
10179	package bees....12535,	industry....13558,13565	<u>See also</u> Vitamin C.
Andropogon scoparius. <u>See</u>	12542-3,12550	juice and sirup...13579,	Asilidae.....12375
Bluestem, little.		13627	Georgia.....12699



Item	Item	Item	Item
Asparagus	Balers.....13025	Bees	Bins.....9919,13100
culture.....11020	Balsa, wood.....9602	venom.....12460	Biological control
soils.....11187	Bamboo.....9582,9841,10043	<u>See also</u> Apiculture;	of insects...10043,12789
Aspergillus....10039,10130	Banana, Abyssinian...10734	Apis; Bumblebees; and	Birds
Aspergillus niger....13964	Banana flour...13582,13626	names of families and	as pests.....9684
Asperula odorata....10920	Banana peel meal....13582	genera.	<u>See also</u> names of birds.
Asphodelus.....10978	Bananas	Beeswax.....12506	Bixadus sierricola...12647
Aspidiotus perniciosus	Costa Rica.....9924	Beetles. <u>See</u> Coleoptera.	Black carpet beetle. <u>See</u>
parasites and predators	dried.....13626	Beets	Attagenus piceus.
of.....12558	Italy.....13570	as feed.....11842	Black markets...13781,13802
Assessment, France...14058	Banco de Bolivia....14046	biochemistry.....10617	Black spot, of apple. <u>See</u>
Association des Apicul-	Banco do Brasil....14036	equipment.....12991	Scab, of apple.
teurs de Québec....12472	Banco Nacional de Crédito	Italy.....11053	Black stem
Asteraceae.....10453	Agrícola, S. A., Mexico..	utilization....13586-7,	of alfalfa.....10353
Astragalus boeticus...11081	14037	13589	Black walnut oil....13837
Atlantic Dairy Assoc.	Banco Nacional de Crédito	<u>See also</u> Mangels; Sugar	Blackberries.....10036
Inc.....13398	Ejidal, Mexico.....14042	beets.	culture.....10852
Atrophy, muscular	Bangalala.....12686	Begonia, pests.....12422	<u>See also</u> Rubus.
in horses.....12002	Bang's disease. <u>See</u>	Begonia nitida odorata	Blackhead
Atta, control...12794,12800	Brucellosis.	alba.....10884	in poultry.....12092
Atta cephalotes	Bankhead-Jones Farm Tenant	Belgian Congo. Service de	in turkeys...12092,12099,
Ecuador.....12793	act, 1945.....9637	l'Agriculture et de la	12105,12117
Attagenus piceus....9708	Banks and banking	Colonisation.....14100	Blackleg, in calves...11885
Attitudes.....9598	credit.....14033,14040	Benzene.....10577	Blacksmithing.....14404
farmer...14072,14469-70,	<u>See also</u> Credit.	Benzene hexachloride,	Blakea.....10202
14472	Baphia.....10225	gamma. <u>See</u> 1,2,3,4,5,6	Blaschulus guttulatus.12602
Attractants, for insects.	Baphiastrium.....10225	Hexachlorocyclohexane.	Blatta orientalis...12868,
<u>See</u> Baits and traps, for	Barberry, diseases...10356	Benzyl benzoate.....12565	12874
insects.	Bark beetles. <u>See</u> names of	Berberis linearifolia....	Blattella germanica...12874
Auctions. <u>See</u> subhead	genera.	10909	Bleaching. <u>See</u> under
marketing under names	Barley	Berberis lologensis...10909	specific subjects.
of commodities.	biochemistry.....10514,	Berland, L....12570,12666,	Blight
Australia. Royal Comn.	10588,10634	12716	of chestnut.....9699
on Personal Covenant.....	breeding.....10690	Bermuda grass.....11062	of potato.....10296
14034	culture.....10704	Berries.....10036	<u>See also</u> Early blight;
Australia. Wool Bd...13475	diseases....10333,10339	pests.....9658	Late blight.
Autographa brassicae.12822	Italian East Africa....	varieties.....10848	Blissus leucopterus
Autoploidy. <u>See</u>	10685	<u>See also</u> names of	control.....12770
Polyploidy.	market reports.....9612	berries.	Bloat.....11712
Autopsies.....11724	spraying and dusting....	Betel-nut palm.....11103	in cattle.....9717
Autotetraploidy. <u>See</u>	9658	Betula celtiberica...10213	Blood
Polyploidy.	Barley, two-row.....10333	Beverages	of insects...12746,12867
Auxins. <u>See</u> Growth sub-	Barns.....13099	analysis and composi-	tests.....11856,11889
stances, for plants.	dairy.....13089	tion.....13304	transfusion
Avitaminosis. <u>See</u> sub-	designs and specifica-	<u>See also</u> Brewing; and	in horses.....12007
heads under Vitamins.	tions.....9687,9749	names of beverages.	utilization.....13778
Avocados, irrigation.11341	pen type.....9687	Bibliographies	Blowflies.....12488
Awards	<u>See also</u> Milking barns;	agriculture	<u>See also</u> names of gen-
soil conservation..11362	Sheds.	Belgian Congo....14620	era.
Azienda Tabacchi Italiani.	Barrels.....11579	China.....9871	Blue-comb disease. <u>See</u>
14296	Bartlett, Ira D.....12550	animal nutrition..11648,	Fullet disease.
Babesia gibsoni.....11967	Basements.....13059	11690	Blue mold, of tobacco.
Bacillus.....10285	Batrachospermum.....10272	botanical periodicals...10103	<u>See</u> Downy mildew, of to-
Bacillus coli. <u>See</u>	Bay-rum tree.....11085	botany.....10136	bacco.
Escherichia coli.	Beans	breeding of livestock...11633	Blueberries
Bacon	anatomy and physiology..	cattle.....11921	propagation.....9702
Canada.....13828	10470,10535,10587	farm structures....9628	Bluegrass, Kentucky..9675,
canned.....13773	as feed.....9899	food supply, China..9871	10478
vitamins.....14607	costs and returns...9899	horses.....12037	Bluestem, little....10750
Bacteria.....10137	culture.....9899	housing.....9913	Bluetongue, in sheep.12272
culture media.....13381	diseases.....10392	Latin America.....10077	Boars.....12309
plant sources...11701	dried.....9646	Mass. State Col. Ext.	Boats, plywood.....11571
in soils.....11179	Great Britain.....9899	Serv.....9797	Boats, plywood.....11571
<u>See also</u> names of bac-	pests.....12439	Mo. Agr. Expt. Sta..9695	Body louse. <u>See</u> Pediculus
teria; bacterial dis-	<u>See also</u> Soybeans.	policies and programs...9878	humanus corporis.
eases; and under names	Beans, lima.....11022	postwar planning....9907	Boilers.....12967
of commodities.	Beans, mung.....9779	relief and rehabilita-	Boll weevil. <u>See</u>
Bacterial ring rot	Bears.....12369	tion, China.....9871	Anthonomus grandis.
of potato.....10302	Bedbugs. <u>See</u> Cimex.	sheep.....12289	Bombay Plan.....9896
Bacterial wilt	Beech....10402,10437,11476	swine.....12373	Bombyx mori
of tobacco.....9531	diseases.....10332	veterans, advisory	anatomy and physiology..
Bactericidal lamps...13032	Beech, European	services.....9584	12891
Bacterium solanacearum.	culture....10655,10660,	victory gardening...9611	diseases.....12887-8
<u>See</u> Bacterial wilt, of	10669	<u>See also</u> subhead publi-	racas.....12889
tobacco.	Beechnut oil.....13858	cations under names of	Bone tumor. <u>See</u> Osteoma.
Baetis.....12904	Beef.....13766	authors of publications	Bonemeal.....11418
Baits and traps	Argentina.....13808	and issuing agencies.	as feed
for insects..12645,12874	Italy.....13824	Bighead. <u>See</u> Osteoporosis,	for cattle.....13457
Bakery products, analysis	regulation and inspec-	in horses.	Bones, as fertilizer.11406
and composition....13184	tion.....9651	Binders.....12992	Bonneville Admin....10058
Baking.....14538	Rhodesia.....13777		Bookkeeping. <u>See</u> Account-
Balanites aegyptiaca.10642	statistics.....9624		ing.
	Beer.....13309,14527		Borage. <u>See</u> Borago.
			Borago.....10894



- Item**
- Boron  
fertilizers.....11286  
in food.....13670  
in plants....10549,11239  
in soils.....11239  
Bostrichidae.....12605  
Botanic gardens.....10129  
See also names of  
botanic gardens.  
Botanists.....10018,10136,  
10140,10159  
See also names of  
botanists.  
Botany.....10001,10024  
bibliographies.....10136  
glossaries.....10012  
history  
Latin America....10159  
Michigan.....9685  
nomenclature.....10155,  
10233,14621  
technique and equipment.  
10100,10117-18,  
10125,10134-5,  
10139,10475,10637  
See also Flora; Plants;  
Vegetation.  
Botrychium multifidum  
oneidense.....10245  
Bottle washers.....13023  
Bottles. See Milk, con-  
tainers.  
Botulism.....9681  
in cattle.....12271  
in sheep.....12271  
Bouillon.....13989  
Bouteloua curtipendula.  
See Grama, Side-oats.  
Boxes, paperboard....11604  
Boy Scouts of Amer....14442  
Brachynidius maublanci n.  
sp.....12620  
Bradynobaenus wagenknechtii.  
12801  
Bran.....13183  
Branding. See subhead  
identification under  
names of animals.  
Bread.....9982,14576  
analysis and composi-  
tion.....13670,13692  
beet.....13586-7,13589  
France.....13692  
from brewing residue....  
14527  
Breakfast.....9984  
Brewers' yeast. See  
Yeasts, brewers'.  
Brewing.....13291,14706  
Brexia.....10231  
Brining. See preservation  
under names of products.  
Bristlegrass.....10748  
Briza maxima. See Quaking  
grass, big.  
Broilers. See Poultry,  
meat production; Poultry  
meat.  
Brome....9674,10759,11264,  
14275  
Bromeliaceae.....10025  
Brooders  
electric.....9810  
home-made.....9810  
Broom (plant).....9925  
Brouard, G. A., Frère.....  
10032  
Broussonetia papyrifera.  
See Paper-mulberry.  
Brown dog tick. See  
Rhipicephalus sanguineus.  
Brown rot  
of apple.....10381
- Item**
- Brown rot--Continued.  
of fruit.....10342  
Brucella abortus....11715,  
11895,13391  
vaccines....11854,11865,  
11900  
Brucellosis  
immunization.....11732  
in cattle  
control....11877,11888,  
11904  
tests.....11895  
transmission.....9732  
in livestock.....11752  
in man.13425,13433,13449  
in swine.....12339  
Bryobia praetiosa....12557  
Bryonia.....10464  
Bryonia dioica.10442,10463  
Bryophyta  
France.....10263  
French Guinea.....10267  
Pyrenees Mountains.10262  
See also Hepaticae;  
Musci.  
Bubonic plague. See  
Plague.  
Bucetes.....12723  
Buckeye rot  
of tomato.....10338  
Buckthorn, diseases..10356  
Buckwheat.....10722  
breeding.....10512  
culture.....9780  
fertilizers.....11245  
Buddleia madagascariensis.  
10454  
Buffaloes  
India.....11869,11947  
Bugeaud.....14667  
Building materials. See  
kinds of building  
materials.  
Buildings.....13062  
construction  
bibliographies....9628  
costs.....13060  
Germany.....13056  
Italy.....9914,13058  
maintenance and repair..  
13061  
pest control.12417,12736  
remodeled.....13055  
See also Barns; names of  
kinds of buildings; and  
subhead housing under  
names of animals.  
Bujault, Jacques.....14647  
Bulbs (plant)..10961,10970  
Canada.....10875,14007  
treatment.....10311  
Union of South Africa....  
10992  
Bulls...11774,11776,11809,  
11811,11815  
fertility.....11781  
Italy.....11806  
Bulls, beef.....11807-8  
judging.....11786,11796,  
11799  
Bulls, dairy  
records and testing.....  
11910,11940  
Bumblebees.....12488  
Buprestidae.....12676  
See also names of genera  
Bur-clover.....12984  
Burke, Edmund.....14651  
Bursitis, in horses..11996  
Butchering. See Slaughtering.  
Butkus australis...12593-4
- Item**
- Butter  
Argentina.....13424  
Australia.....13403  
bacteria.....13388  
Denmark.....14482  
dried.....13439  
flavor and odor....13388  
France.13348,13412,13431  
grading and standardi-  
zation.....13412  
manufacture..13431,13442  
home.....13453  
molds and yeasts..13367  
programs.....13333  
quality.....13367,13413  
Buttercup. See Ranuncula-  
ceae.  
Butterfat. See Milk, fat.  
Butterflies.....12829  
Great Britain.....12844  
Kansas.....12858,12862  
Peru.....12861  
See also names of fam-  
ilies and genera.  
Buttermilk.....13334  
Butterseed, as feed  
for rabbits.....12217  
for sheep.....12253  
Butyrospermum. See Butter-  
seed.  
Cabbage.....10507  
diseases.....10378  
pests.....12822  
vitamins.....14595  
Cabbage looper. See  
Autographa brassicae.  
Cacao.....13306  
Africa.....13156  
Trinidad and Tobago.....  
11125  
types.....13311  
Venezuela.....13307  
See also Chocolate.  
Caccobius.....12662  
Cactus  
diseases.....10309  
See also names of cacti.  
Cadmium, in food....13189  
Caedicia strenua....12877  
Caesarean section  
in cattle.....11893  
Caja de Crédito Agrario,  
Colombia.....14039  
Calathus gomerensis n. sp.  
12618  
Calcareous soils....11146,  
11160  
Calcium  
in animal nutrition....  
11653-4,12015  
in plants.....10617  
in poultry nutrition....  
12089  
in soils.....11158  
therapeutic use....12457  
See also Lime.  
Calcium arsenate....12675  
Calcium humate.....11142  
Calcium oxalate.....10637  
Calcium tartrate...10638-9  
Callicore candrena  
christopheri n. ab..12823  
Calluna vulgaris....10921  
Calobatina.....12896  
Calochortus.....10970  
Calotrope, akund....11880  
Calotropis gigantea. See  
Calotrope, akund.  
Calpocalyx.....10230  
Calves and heifers  
care.....11909,11936
- Item**
- Calves and heifers--Con-  
tinued.  
feeding and nutrition...  
11837,11847,11874  
prices.....9614  
shows and sales....11914  
statistics.....9624  
See also Feed; and  
names of feeds; and of  
anatomical parts, dis-  
eases, parasites, and  
products.  
Calves and heifers, beef..  
11918  
care...11907,11917,11926  
Italy.....13824  
Calves and heifers, dairy  
feeding and nutrition...  
11824,11832,11843,  
11849  
Calycanthema.....10890  
Camellia.....10883  
Camellia thea. See Tea.  
Camel's hair.....13543  
Campanula rotundifolia....  
10205  
Campamilaceae.....10011  
Campsoderes sidmanni  
n. g., n. sp.....12767  
Campyloneurum phyllitidis.  
10246  
Campylopus guineensis....  
10267  
Canadian Soc. of Technical  
Agriculturists.....14675  
Canary grass.....10755  
Cannibalism. See subhead  
vices under kinds of  
poultry.  
Canning and preserving  
community.....13251  
equipment....13034,13265  
home...9681,13254,13260,  
13262,13266,13268,  
13270  
industry...13223,13336,  
13357  
See also 4-H Clubs,  
canning and preserving;  
Vegetables, for proc-  
essing; Vitamins, sta-  
bility; and subheads  
canned, canning, and  
preservation under  
names of products.  
Cantaloupe.....13572  
Canthium.....10223  
Capusiaceae.....10197  
Carabidae  
Africa.....12610  
North Africa.....12619  
Sahara.....12622  
See also names of gen-  
era.  
Carbohydrates  
in insect nutrition...?  
12879  
in plants.....10533  
See also Starches; Sugar.  
Carbon, in soils.....11150  
Carbon disulfide....9661  
Carcinoma, in swine..12341  
Carduus roseni.....10172  
Carlephyton.....10181  
Carleton, Mark Alfred....  
14673  
Carob.....11666  
Carotene.....14566  
in food.....14575  
in fruit.....14573  
in human nutrition.14614  
in vegetables.....9665  
See also Vitamin A.



- Carpet beetles.** See Anthrenus; Attagenus viceus.
- Carnocarpa pomonella.** 9658  
control...12825, 12827-8, 12839, 12841
- Carrot rust fly.** See Psila rosae.
- Carrots**  
anatomy and physiology.. 10465, 10481-2  
culture.....11010, 11072  
drying.....13648  
pests.....12707
- Cartels.**.....9874
- Cartons.** See Containers, paper and paperboard.
- Casein.** See Protamone.
- Cassava**  
as feed.....11645  
diseases.....10395  
flour.....13619
- Cassida.**.....12617
- Castanea mollissima.** See Chestnut, Chinese.
- Castianeira.**.....12586
- Castor-beans**  
Guadeloupe.....10786  
poisonous plant...12004
- Catarrhal fever, in sheep.** See Bluetongue, in sheep.
- Caterpillars**  
food and host plants.... 12866  
parasites and predators of.....12667
- Catharosia.**.....12723
- Cations.** See Ions.
- Cats.**.....12756  
care.....11970  
diseases.....9961, 11965  
history.....11969  
legislation.....11974  
poisoning.....12426  
See also names of anatomical parts, diseases, and parasites.
- Cattail.**.....13498
- Cattle.**.....11921  
anatomy and physiology.. 11861, 11891  
Argentina.....13833  
associations..11789, 11915  
bibliographies....11921  
breeds and breeding.... 11778, 11790, 11888  
dual purpose, Short-horn.....11794, 11805  
Shorthorn.....11789  
costs and returns...9898  
Denmark.....14482  
diseases.....11881, 11905  
feeding and nutrition... 11836  
fertility...11820, 11891  
Great Britain.9898, 13742  
heredity.....11773  
Hungary.....11778, 13725  
India..11880, 11919, 13723  
Italy.....11932  
marketing.....13789  
Canada.....13792  
Mexico.....13722  
Montana.....13758  
parasites.....9845  
parturition.....11884  
poisoning.....11890  
postwar.....13735  
pregnancy...11856, 11894  
prices.....9614  
records and testing.... 11920  
reproduction.....11905
- Cattle--Continued.**  
shows and sales...11913, 11930, 11936, 11949  
statistics.....13833  
transportation....11946  
Union of South Africa... 13457  
U. S. S. R.....11946  
See also Artificial insemination; Barns; Bulls; Calves and heifers; Feed; Pastures; Sheds; Veterinary medicine; and names of feeds and of anatomical parts, diseases, parasites and products.
- Cattle, beef**  
associations.....11911  
breeds and breeding.... 11798, 11812-13  
Aberdeen-Angus..11771, 11780  
Brahman (Zebu)..11772, 11777, 11801, 11810, 11819  
Hereford..11774, 11782, 11784, 11788, 11796, 11799, 11803-4, 11807-8, 11818, 11927, 13793  
Polled..11785, 11787, 11800  
Shorthorn  
Polled.....11793  
Welsh Black.....11791  
care.....11929  
costs and returns..11838, 11842, 14282  
Cuba.....11810  
culling.....11948  
farms and ranches..11782, 11788, 11916  
feeding and nutrition... 9669, 11831, 11838, 11840-1  
pasture and range.... 11827, 11844  
seasonal.....11822  
France.....11838  
Great Britain....11818, 11922  
history.....11785, 11941, 13758  
industry.....11912, 13751  
judging.....11784  
records and testing.... 11798  
regulation and inspection.....11928  
shows and sales...11840, 11917, 11927, 11943  
Southern States....13751  
statistics.....9624  
Tropics.....11777  
Venezuela.....13749  
See also Artificial insemination; Barns; Bulls, beef; Calves and heifers, beef; Feed; Pastures; Sheds; Veterinary medicine; and names of feeds and of anatomical parts, diseases, parasites, and products.
- Cattle, dairy**  
age.....9716  
Argentina.....11775  
associations..11775, 11783  
Australia...11933, 13816  
breeds and breeding.... 11816
- Cattle, dairy--Continued.**  
breeds and breeding-- continued.  
Guernsey...11779, 11814  
Holstein-Friesian.... 11775, 11797, 11801-2  
Jersey....11817, 11861  
Milking Shorthorn.... 11783, 11792  
care.....11939  
costs and returns..11826  
feeding and nutrition... 9739, 11835, 11839, 11850  
pasture....9656, 11834, 11845  
seasonal..11823, 11826, 11828  
Germany.....11908  
Great Britain....11923, 13430  
Guernsey Island....11779  
hybrids.....11801  
India.....11947  
judging.....11935  
Latin America....13803  
milk production..11940, 11945  
effect of feeding.... 11824-5, 11833, 11846, 11848  
seasonal.....11942  
Northern Ireland...11950  
prices.....13816  
psychology.....11934  
records and testing.... 9821, 11937  
regulation and inspection.....11906, 11908  
Siberian Regions...11816  
Texas.....11802  
Tropics.....11801  
See also Artificial insemination; Barns, dairy; Bulls, dairy; Calves and heifers, dairy; Dairy industry; Feed; Milking; Pastures; Sheds; Veterinary medicine; and names of feeds and of anatomical parts, diseases, parasites, and products.
- Cattle grubs.** See Hypoderma.
- Cattleya mossiae.**.....10933
- Cavanillesia platanifolia**  
wood.....9602
- Cave fauna.**.....12892
- Cedar, deodar.**.....10484
- Cedrus deodara.** See Cedar, deodar.
- Celastraceae.**.....10231
- Celery**  
culture.....11052  
diseases  
resistance.....10334
- Cellars.** See Storage, cellars and pits.
- Cellulose.**.....11173  
chemistry.....11562  
Italy.....9942  
sources.....11511
- Celsia.**.....12866
- Census, agriculture**  
Belgium.....9859  
Central Valley (Calif.)  
Project.....11309, 14353
- Cerambycidae**  
Cameroun.....12686  
North Africa.....12688  
See also names of genera.
- Ceratostomella.**.....10539
- Cercis.**.....10927
- Cereal products.** See names of products.
- Cereals.** See Grain.
- Ceresan.**.....10339
- Cerilochus.**.....12780
- Cetoniinae**  
Cameroun.....12659
- Chaetocnema pulicaria.**.... 12442
- Chaetocnema tibialis.**12675
- Chaetoptilia.**.....12723
- Chambre Arbitrale des Cotons, Le Havre.**....9947
- Chaoborus.**.....12742
- Chapman and McFarlane**  
method.....13855
- Charcoal.**.....11455, 11581, 11583, 11619
- Charlock.**.....11054
- Chase, Agnes.**.....14663
- Chaveaud, Gustave.**....10093
- Cheese**  
analysis and composition.....13371  
Canada.....13435  
kinds  
American.....9561  
cottage.....9740  
Minas.....13448  
Swiss.....13452  
manufacture..9940, 13435, 13440, 13446-7  
regulation and inspection.....9651  
starters....13427, 13452  
storage.....13450
- Cheiridium museorum.**12605
- Chelonethida**  
Diplosphyronida....12578  
See also names of families and genera.
- Chemistry.**.....10070
- Chermeson, Henri.**....14655  
publications.....14655
- Cherries**  
diseases.....10303  
See also Prunus.
- Chestnut, Chinese.**....11510
- Chestnut soils.**.....11253
- Chestnuts.**.....10860, 11666  
diseases.....10354  
resistance.....9699  
varieties.....10041
- Chevon.**.....11954
- Chicken mite.** See Dermanyssus gallinae.
- Chickens.** See Poultry.
- Chicks**  
care...9810, 12143, 12153, 12185  
seasonal.....12146  
feeding and nutrition... 9693, 12087
- Children**  
care.....9837  
education and training.. 14393  
See also Infants; Nutrition (human), children; Youth.
- Chilena napina.**.....10936
- Chinch bug.** See Blissus leucopterus.
- Chionanthus virginica.**.... 10963
- Chironomidae.**.....12439  
See also names of genera
- Chlaenius, parasites and predators of.**.....10288



**Item**  
*Chlamydolecanium conchoides*.....12764  
*Chloranil*.....10300  
*Chlorine, in milk*....13379  
*Chloroplasts*.....10562  
*Chlorosis, of tomato*..10605  
*Chocolate*.....13972  
*Chondroplea populea*  
on poplar.....10350  
*Chopard, L.*.....12569, 12656,  
12769  
*Chopardana n. g.*.....12769  
*Chromosomes*  
insect.....12711  
plant..10469, 10473, 10476  
See also Genes; Mitosis;  
Polyploidy.  
*Chrysanthemum*.....14708  
culture.....10960, 10962  
varieties....10872, 10880  
*Chrysanthemum foenicula-*  
*ceum*.....10906  
*Chrysanthemum maximum*....  
10956  
*Chrysiridia madagascari-*  
*ensis*.....12815  
*Chrysothamnus nauseosus*  
*speciosus*. See Rabbit-  
brush.  
*Chtonius tetrachelatus*...  
12601  
*Church of the Brethren*...  
14373  
*Churches*.....14410  
postwar.....14403  
*Cicindela vicina pauliani*  
*n. sep.*.....12622  
*Cider*.....13309, 13592  
*Cimex*.....12759  
control.....12771  
*Cimex lectularius*....12439  
*Cimexopsis nyctalis*..12759  
*Cimicifuga foetida*...10897  
*Cinchona*.....10043  
Latin America.....11108  
South America.....11576  
*Cinnamomum*.....11086  
*Cinnamon-fern*.....11105  
*Cirrhosis, of liver*  
in swine.....12338  
*Cirsium lanceolatum*..10173  
*Cisterns*.....13059  
*Citric acid*.....13964  
*Citrus*  
anatomy and physiology..  
10545, 10549  
byproducts  
as feed....11668, 13644  
cooperatives.....13605  
culture.....10831, 11295,  
12951  
diseases....10138, 10295,  
10327, 10335  
fertilizers.....11280  
irrigation.....11320  
juices and sirups..13574,  
13656  
pests..12562, 12766, 12776,  
12789  
pruning.....10832  
situation and outlook...  
13568  
soils.....11295  
See also names of  
fruits.  
*Citrus oil*.....13838  
*Claviceps paspalia*...12016  
*Clays*. See kinds of clay.  
*Clematis*.....10900  
*Climate and weather*  
Basque Region.....11204

**Item**  
*Climate and weather--Con-*  
*tinued.*  
effect on  
insects.....12462  
livestock.....12008  
plants....10411, 10434,  
10580  
soils.....11216  
France..11198, 11213, 14622  
Mexico.....14683-4  
U. S. S. R.....9872  
See also Frost; Hail;  
Humidity; Meteorology;  
Precipitation; Tempera-  
ture; and subhead in-  
juries under specific  
subjects.  
Climbing plants.....10990  
See also Vines.  
*Clinodiplosis oleisuga*...  
12791  
*Clitocybe olearia*....10636  
*Cloches*.....10004  
*Closterium*.....10466  
*Clostridium*.....10640  
*Clostridium botulinum*....  
11174  
Clothing. See 4-H Clubs;  
clothing; Sewing.  
Clover. See Bur-clover;  
Sweetclover.  
Clover, alsike  
seed.....9528, 9549-50  
Clover, crimson.....10744  
Clover, low hop.....9781  
Clover, red.....9719  
seed.....9549-50  
Clover mite. See *Bryobia*  
*praetiosa*.  
Clubs  
Youth.....14421, 14466  
See also Discussion  
groups; 4-H Clubs;  
names of organizations;  
subhead associations  
under specific subjects.  
*Cneorhinus*.....12666  
*Cobalt*.....11747  
*Coccidae*.....9658  
control....12766, 12772,  
12776  
*Coccidiosis*  
in poultry  
control....12096, 12114  
therapy.....12115  
in rabbits.....12223  
*Coccinella ancoralis*..12614  
*Coccinellidae*.....12634  
See also names of gen-  
era.  
Cocks.....12053, 12060  
care.....12187  
dubbing.....12095  
Cocksfoot. See Orchard-  
grass.  
Cocoa. See Chocolate.  
Coconut oil.....9931  
Cod-liver oil.....14598  
Codling moth. See  
*Carpocapsa pomonella*.  
*Coenurus cerebralis*..12694  
*Coffee*.....13287-8  
Africa.....13156  
analysis and composi-  
tion.....13278  
Brazil.....13237, 13280,  
13310, 13313, 13317  
Colombia....13316, 13324,  
14284, 14502  
Costa Rica.....9924  
costs and returns..14284

**Item**  
Coffee--Continued.  
culture.....11275  
drying.....12987  
equipment.....12987  
fermentation.....12987  
Italian East Africa.....  
11101  
marketing.....13320  
pests.....12612  
Protugal.....13329  
prices, control....13325  
processed.....13329  
pruning.....11092  
Puerto Rico.....14420  
research.....9582  
situation and outlook...  
13303  
statistics.....14707  
substitutes.....13329  
Coffee berry borer. See  
*Stephanoderes hampei*.  
Colchicine  
effect on plants...10487  
Cold. See Temperature.  
Cold (disease). See  
*Coryza*.  
Goldframes.....10816-17  
*Coleophora*.....12838  
Coleoptera  
Africa.....12647  
Belgian Congo.....9975  
Madagascar.....12652  
New York (State)...12651  
Rio de Oro.....12666  
Sahara.....12670  
See also common group  
names; and names of  
families and genera.  
*Colewort*.....10471  
*Colias eurytheme*  
control.....12856  
*Colibacillosis*. See  
Scours, in calves.  
*Colima n. g.*.....12571  
*Colin, Henri*.....14654  
Collective farming  
U. S. S. R...9873, 14214,  
14243  
*Collembola*.....12896  
See also names of fam-  
ilies and genera.  
Colonization. See Land,  
settlement and coloniza-  
tion.  
Color  
effect on insects..12387  
of insects.....12870  
See also under specific  
subjects.  
*Colo. Agr. Expt. Sta.*.....  
9662, 10334  
Colorado potato beetle.  
See *Leptinotarsa decem-*  
*lineata*.  
Colorimetric tests..11147,  
12391  
*Colysis evardii n. sp.*....  
10255  
Combines.....12992, 12997,  
13004, 13024  
*Combretum*.....10175  
Commodities. See Agricul-  
tural products; Raw  
materials; and names of  
commodities.  
Common malaria mosquito.  
See *Anopheles quadrimacu-*  
*latus*.  
Communities  
planning.....9885  
postwar.....9869

**Item**  
Communities--Continued.  
programs.....14464  
See also Canning and  
preserving, community;  
Clubs; Discussion  
groups; Labor; Land-  
scape gardening, com-  
munity; Recreation;  
Town and country  
planning.  
*Compagnia Cotoniera del*  
*Baro (Gambela)*.....13528  
*Compagnia delle Fibre*  
*Tessili Vegetali*  
*d'Etiopia, Milan*....13484  
*Compagnia Italiana Semi e*  
*Frutti Oleosi S. A.,*  
*Milan*.....13843  
*Compagnia Nazionale per il*  
*Cotone di Etiopia*...13515  
*Compositae*.....10174  
*Composts*.....10014  
preparation.....11438,  
11442-4  
See also Refuse; Sewage;  
and names of component  
materials.  
Compression of food. See  
under names of prod-  
ucts.  
Concentrates (feed)..11836  
Concrete.....13146  
Condiments, analysis and  
composition....13279, 13292  
Confectionery  
analysis and composi-  
tion.....13186  
manufacture.....13965  
Conferences and congresses  
Argentina.....14616  
See also names of con-  
ferences and under  
specific subjects.  
Congreso Rural Argentina,  
4.....13150  
*Coniferae*.....10085, 10119,  
10941, 10954, 10967  
anatomy and physiology..  
10518  
diseases.....10372  
Conn. Agr. Expt. Sta..9664  
*Conorhinopsylla nidicola*..  
12897  
Conservation. See Conser-  
vation farming; Conser-  
vation of natural resources;  
Soil conservation; and  
under specific subjects.  
Conservation farming.....  
9544, 9548, 11372,  
11385-6, 11390  
Kentucky.....9794  
See also Contour farm-  
ing; Terracing.  
Conservation of natural  
resources.....14629  
legislation.....14641  
Consolidated Vultee  
Aircraft Corp.....13599  
Construction. See Build-  
ings, construction.  
Consumption. See under  
names of commodities.  
Containers  
fiber...9954, 11601, 11603  
glass.....13229  
paper and paperboard....  
14720  
See also kinds of con-  
tainers and under names  
of commodities.



Item	Item	Item	Item
Contour farming. 9638, 11373	Corn--Continued.	Cotton--Continued.	Cover crops--Continued.
costs and returns. 11359	situation and outlook...	pests... 9658, 9929, 12406,	orchard..... 11255
Contracted heel..... 11989	13690	12616, 12824	See also Catch crops.
Cookery..... 9834, 9978	storage..... 13693, 13695	propagation..... 10559	Cow pox..... 11883
effect on nutritive	utilization..... 13683	properties..... 13522	Cowpeas..... 10742
value..... 9979	varieties... 10678, 10692,	quality..... 13502	Cows. See Cattle.
large-quantity..... 9979	10698, 10708, 10723,	research..... 9947	Crafts. See names of
meal planning. 9539, 9647,	10726	seed..... 10366	crafts.
14549	yields..... 9778, 10696	treatment..... 12850	Crambe maritima. See
See also Breakfast; 4-H	Corn, sweet	situation and outlook...	Colewort.
Clubs, cookery; In-	culture..... 9824, 10672	9600	Crambus..... 12837
stitutions, food;	pests..... 9573, 12842	soils..... 11150	Cranberries
Lunches; Nutrition	Corn cribs..... 9919	stem utilization... 13538	industry..... 13560
(human); Salads; and	Corn flea beetle. See	substitutes..... 9947	Crane flies. See Tipuloidae,
under names of foods.	Chaetocnema pulicaria.	textiles..... 13522	Tipulidae, etc.
Cookies..... 9811	Corn oil..... 9651	trade..... 9576	Cream
Coolers..... 13029, 13115	Corn starch. See Amioca.	U. S. S. R..... 14142	analysis and composi-
Cooperation..... 9867, 14256	Cornell Plantations.. 10078	utilization..... 9947	tion..... 13358, 13378
Argentina..... 14463	Corporation Nationale Pay-	Cotton leafworm. See	containers..... 13413
Canada..... 14448, 14453	sanne (France)..... 11468	Alabama argillacea.	quality..... 13358
China..... 14446	Corporative organization	Cottonseed	regulation and inspec-
Germany..... 14468	of agriculture	as feed..... 9532	tion..... 9645, 9651
Great Britain..... 14454	Belgium..... 14137	for buffaloes... 13418	temperature..... 13368
India..... 14462	France. 14112, 14136, 14138	for cattle..... 13418	Creameries..... 13441
Ireland..... 14441	Corrodentia..... 12892	grading and standardiza-	Credit
Japan..... 14447	See also names of fam-	tion..... 13861	Bolivia..... 14046
Mexico..... 14042	ilies and genera.	nutritive value... 14503,	Brazil..... 13539, 14036
Wisconsin..... 14078	Coryanthus macrantha. 10876	14589-90	Colombia..... 14039
Cooperative organizations.	Coryza	prices..... 13875	France..... 14038
9856, 14450	in poultry..... 12119	trade..... 9576	Great Britain..... 14035
administration..... 14460	Cost and standard of	treatment..... 9575	Italy..... 14019
Canada..... 14057	living	Cottonseed meal..... 13879	Mexico..... 14027, 14037,
France..... 14445	Argentina..... 14208	as feed	14042, 14045
Louisiana..... 9677	Middle East..... 14209	for cattle..... 11843	mortgage. 9558, 9592, 14043
Nebraska..... 14719	See also Prices; Social	as fertilizer..... 9718	Australia..... 14034
organization..... 9590	conditions.	Cottonseed oil..... 9947	Palestine..... 14044
taxation.. 14057, 14059-60	Cotton... 9929, 9946-7, 9995,	analysis and composi-	Peru..... 14022
Vermont..... 14452	13689	tion..... 13872	statistics..... 14047
See also names of or-	anatomy and physiology..	regulation and inspec-	study and teaching. 14032
ganizations and sub-	10533	tion..... 9651	See also Banks and bank-
heads cooperative and	Argentina... 13491, 13495,	Cottony cushion scale.	ing; Government; aid to
cooperatives under	13524-6	See Icerya purchasi.	agriculture; Indebted-
specific subjects.	Belgian Congo. 9947, 13508	Coumarin..... 10584	ness and under names of
Copper	Brazil... 13237, 13467-8,	Council of Food Prod.	commodities, indus-
effect on plants... 10604	13536-7, 13539	Organ..... 14456	tries, and Government
fungicides... 10341, 10349	classification..... 9929	Counties	agencies.
in animal nutrition....	Colombia..... 13482	California..... 9866	Crocus..... 10630
11652	conferences and con-	Tulare..... 10777, 11068	Crocus, saffron..... 11083
in soils..... 11164	gresses..... 9600, 9947	Florida	Crop Insurance Act... 14051
Copper carbonate..... 10300	consumption..... 13468	Palm Beach..... 14102	Crops. See Agricultural
Coprosma..... 10223	costs and returns... 9929	Pasco..... 10831	products; Agriculture;
Coptocephala..... 12670	culture..... 9929, 10738	Idaho	Catch crops; Cover crops;
Cordage..... 13489	diseases..... 9929, 10366	Benewah..... 9667	Field crops; Forage
Cordyceps gunnii..... 10281	Egypt..... 13480	Latah..... 9667	plants; Government, aid
Cordylocheres octentoc-	equipment... 9587, 12984,	Lewis..... 9667	to agriculture; In-
tus..... 12600	13012, 13033	Nez Perce..... 9667	surance, crop; Root
Corn..... 10043	Ethiopia..... 13515	Indiana, Jasper... 13791	crops; Rotation of crops;
anatomy and physiology..	fertilizers... 9718, 9724,	Michigan, Oakland.. 10146	Statistics; names of
10487	9738	Minnesota, Pine... 10823	products, industries,
Argentina..... 13767	fiber..... 9929, 13511	Missouri	and Government agencies;
as feed..... 13690	French Colonies... 9947,	Cooper..... 13236, 14200	and specific subjects.
for cattle..... 11830	13175	Maries..... 14235	Crotalaria..... 9720
for poultry..... 12088	French Equatorial Africa.	Pettis..... 9867	Crowfoot grass..... 11062
costs and returns.. 13047	9947	North Dakota	Crown gall
culture..... 10788	French West Africa.....	Sargent..... 14366	control..... 10384-5
diseases..... 10371	9946-7	Ward..... 9585	Crypticus alluaudi n. sp..
Ethiopia..... 10716	futures..... 9928	Oregon, Coos..... 14241	12665
fertilizers..... 11240-1,	ginning..... 9587, 13006	Tennessee	Cryptorchidism
11268	Guadeloupe..... 10732	Putnam..... 14181	in horses..... 12021
Hungary..... 13682	harvesting... 9929, 10736,	Wayne..... 11454	Cryptotermes brevis.. 11567
hybrids. 9778, 10709, 10715	13033	Virginia, Louisa... 14438	Ctenopteris matthewiani
Italian East Africa.....	India..... 9928, 10737	Wisconsin, Dodge... 13545	n. sp..... 10255
13677	industry, France... 9947	Country Club Dairy,	Cucullia..... 12819
Italy..... 10725	Italian Colonies... 9929	Kansas City, Mo.... 13343	Cucumbers..... 11110
Mexico..... 14027	Italian East Africa.....	County agents. See under	culture..... 11044
pests..... 9684, 12442	13529, 13531	Extension work.	Cucurbits, diseases.. 10380
resistance..... 9543	Italy... 9929, 10730, 13517	Coursiana n. g..... 10208	Culex pipiens.. 12744, 12746
preservation..... 13638	linters..... 13506	Cover crops..... 11238	Culicidae
products..... 13683	North Africa..... 9947-8	effect on soils... 11281,	District of Columbia....
seed... 10699, 10706, 10724	Peru..... 13477	11408	12738



**Culicidae--Continued.**  
 larvae.....12746  
 Michigan.....12743  
See also Mosquitoes; and names of genera.  
**Curculionidae**  
 Camerouns.....12660  
See also Weevils; and names of genera.  
**Curing.** See subheads curing and preservation under names of products.  
 Currants.....10035  
 Curvularia.....10352  
 Cuticle, insect.....12762  
 Cyanamid.....10780  
 Cyanide.....12445  
 Cyatheaaceae.....10254, 10258  
 Cybister.....12630  
 Cycadaceae.....10123  
 Cyclosorus angustipinnatis n. sp.....10255  
 Cymbidium.....10892  
 Cynoglossum pictum.....10483  
 Cynorta.....12571  
 Cypa.....12818  
 Cyphoderinus n. g.....12896  
 Cyphoderus.....12896  
 Cyphon.....12671  
 Cypripedium calceolus.....10939  
 Cysticercus cellulosae.....11737  
 Cysticercus inermis.....11737  
 Cystopteris fragilis.....10260  
**Cytology**  
 plant.....10112, 10443, 10475, 10499, 10529, 10562  
See also Genetics; and subhead anatomy and physiology under names of animals, insects, and plants.  
 Cytophaga.....11173  
 DDT.....9658, 12399, 12402, 12447  
 determination.....12391  
 for diseases of plants.....10291  
 for pests.....12431  
 of man and animals.....9658, 12407, 12415, 12419, 12423, 12456, 12703-4, 12708, 12733, 12735-6, 12740-1, 12751, 12771, 12908-9  
 of orchards.....9658  
 of plants.....9573, 12406, 12412, 12414, 12442, 12448, 12450, 12624, 12645, 12707, 12755, 12758, 12770, 12783, 12793, 12799, 12825, 12827, 12831, 12863  
 formulas.....9658  
 outlook and situation.....12452  
 residual effects.....12710, 12715  
 tests.....12392, 12732, 12734  
 toxicity.....12400, 12404, 12410, 12426, 12437, 12451, 12457  
 Daboecia cantabrica.....10188  
 Dacus oleae.....12714  
 Dacus tryoni.....12439  
 Daffodil. See Narcissus.  
 Dahlia.....10988  
 culture.....10893  
 Dairy herd impr. associations.....11937  
 Dairy industry accounting.....14268

**Dairy industry--Continued.**  
 associations.....13349  
 Australia.....13403  
 Brazil.....13351  
 California.....13345  
 Canada.....13352  
 cooperatives.....13396  
 equipment.....12996, 13023, 13082, 13115  
 sanitation.....13018, 13032  
 farms.....11814, 11933  
 France.....13338, 13760  
 Great Britain.....14151  
 India.....14246  
 management.....12920, 13138, 13145, 13344  
 Missouri.....13343  
 New Zealand.....14268  
 North Carolina.....13342  
 Northern Ireland.....11950  
 pests.....9658  
 postwar.....13347  
 programs.....13353  
 Puerto Rico.....13337  
 sanitation.....11925, 12994, 13422, 13428, 13436  
 situation and outlook.....13356  
 Switzerland.....13331  
 Virginia.....13335  
 water supply.....11324  
 work management.....12926, 14085  
See also Barns, dairy; Cattle, dairy; Creameries; Goats; Milk; and names of dairy products.  
**Dairy products**  
 analysis and composition.....13369, 13375, 13392  
 bacteria.....9943  
 industry.....13436  
 manufacture.....9559  
 quality.....13419, 13422  
 statistics.....13455  
 Switzerland.....13341  
See also names of dairy products.  
**Damping-off**  
 of Coniferae.....10372  
 of flax.....10357  
 of vegetables.....10373  
 Dams.....11333  
 Danguy, Paul.....14662  
 publications.....14662  
 Daphne.....10885, 10998  
 Dartonfield Estate, Ceylon.....11091, 11116  
 Dates.....14630  
 culture.....9752  
 Datura stramonium.....11717  
 Debts. See Indebtedness.  
 Deer.....10823  
 Deer, Columbian black-tailed.....11631  
 Deficiency diseases of livestock.....11726, 11747  
See also subheads under Nutrition (human); and names of deficiency diseases.  
 Degeneration diseases of potato.....10388  
 Dehydration.....12999, 13263, 13269  
 equipment, driers.....12997  
 industry.....13661  
 New Zealand.....13247  
See also subhead drying under names of commodities.

**Del. Univ.**.....12114  
 Deletum schaeferi.....12625  
 Delphinium.....10194, 10948  
 Demaree, G. W.....12526  
 Demonstration farms. See Farms and farming, demonstration.  
 Demonstration methods.....9829-33  
See also 4-H Clubs, demonstrations.  
 Dendrobium adae.....10234  
 Dendrobium ancorarium n. sp.....10236  
 Dendrobium bigibbum.....10193  
 Dendroctonus brevicornis.....9574  
 Dendroctonus frontalis.....12636  
 Densitometer.....10125  
 Dental care. See under Health.  
 Dermatomyssus gallinae.....12580  
 and disease.....12595  
 Dermoptera  
 North Africa.....12872  
See also names of families and genera.  
 Dermestes vulpinus.....12640  
 Derris.....12420  
 insecticides.....12418  
 Deschampsia caespitosa. See Hairgrass, tufted.  
 Desert locust. See Schistocerca gregaria.  
 Desert plants.....10106  
 Desert soils.....11172  
 Dextrimaltose.....14601  
 Dextrose.....13954  
 Dialium pobeguini n. sp.....10226  
 Diamidines.....10604  
 Dianthus.....10871  
 Diapause.....12871  
 Diaspidius.....12782  
 a-Dicarbonyl compounds.....13852  
 Dichlorodiphenyl-trichloroethane. See DDT.  
 Dichroplus.....12882  
 Dictyocaulus filaria.....12264  
 Dictyophora.....12769  
 Didactylia volkonskyi n. sp.....12663  
 Dieback, of elm.....12821  
 Diet. See Nutrition (human), diet.  
 Diethylstilbestrol. See Stilbestrol.  
 Dietitians.....14536  
 Differential grasshopper. See Melanoplus differentialis.  
 Diggers.....12971, 13022  
 Dineutus.....12630  
 Diploexochus berlandi n. sp.....12570  
 Dips and dipping.....13101  
See also names of insecticides; and under names of animals.  
**Diptera**  
 Africa.....12716  
 Europe.....9972  
 France.....12695  
 Mediterranean Region.....12702  
 nomenclature.....12713

**Diptera--Continued.**  
See also common group names; and names of families and genera.  
 Dipteris conjugata.....10494  
 Dirofilaria immitis. See Heart worm.  
 Discodon.....12691  
 Discussion groups.....14471  
**Diseases**  
 tropical.....14715  
See also Pathology; Phytopathology; Veterinary medicine; under Livestock, Plants, and names of animals and plants; and names of diseases and vectors.  
 Disinfectants.....11700, 12112  
 Disinfection.....11700, 11714  
 Disks.....12979  
 Dismier, Gabriel.....14643  
 Distribution. See Markets and marketing; and under Food.  
 Ditches. See Drainage, ditches.  
 Diversified farming.....12181  
 Canada.....14260  
 Cuba.....14244  
 Hawaii.....9772  
 Northern Ireland.....14229  
 Peru.....14261  
See also subheads farms and farms and ranches under names of livestock.  
 Doddridge Co. Timber Mktg. Assoc.....11527  
**Dogs**  
 anomalies.....11963  
 breeds and breeding  
 Boxer.....9965  
 Elkhound.....11952  
 Pointer.....9966  
 Retriever.....9966  
 Spaniel.....9966  
 Cocker.....11963  
 Irish Water.....11953  
 Chile.....14710  
 diseases.....9961, 11965-6  
 feeding and nutrition deficiencies.....11954  
 heredity.....11951  
 judging.....11973  
 licensing.....11959  
 parasites.....11966, 12395  
 training.....9966, 11971  
 working.....11972  
See also Feed; and names of feeds; and of anatomical parts, diseases, and parasites.  
 Dollifusella minutissima.....12775  
**Domestic animals. See Livestock.**  
 Domohinia n. g.....10218  
 Dormancy, in plants.....10584  
 Douglas, David.....14653  
 Douglas-fir.....9603  
 culture.....9605  
 pulping.....11606  
 wood.....11561  
 Downy mildew of tobacco.....10374  
 Dragonflies. See Odonata.  
 Drainage.....14630  
 Argentina.....11351  
 ditches.....11326  
 El Salvador.....11350



**Drainage--Continued.**  
 France.....11327,14622  
 mole.....11322,11329  
 Dredges.....12975  
 Dressmaking. See Sewing.  
 Driers. See Dehydration,  
 equipment, driers.  
 Dromaeolus barnabita.12639  
 Drosophila  
 genetics.....12711  
 Drosophila ampelophila....  
 12711  
 Drosophila melanogaster.  
See D. ampelophila.  
 Drought. See Insurance,  
 drought.  
 Drug plants.....9582,9999,  
 10043,10950,11090  
 France.....14004  
 history.....11117  
 Hungary.....13988  
See also names of plants.  
 Drugs  
 analysis and composi-  
 tion.....13194,13304  
 Dry-land farming  
 Mexico.....14236  
 New Mexico.....9715  
 Dryas octopetala.....10580  
 Drying of foods. See  
 Dehydration; and under  
 names of commodities.  
 Dryopteris boillanei n.  
 sp.....10255  
 Duboisia myoporoides.10628  
 Ducks  
 Argentina.....12059  
 breeds and breeding  
 Khaki Campbell...12062  
 Pekin.....12059  
 care.....12062,12137  
 costs and returns..14276  
 egg production....12156,  
 12189  
 feeding and nutrition...  
 12082-3  
See also Feed; and  
 names of feeds; and of  
 anatomical parts, dis-  
 eases, parasites, and  
 products.  
 Dufour, Leon.....14652  
 Dunes. See Sand dunes.  
 Dust. See Wind erosion.  
 Dusts and dusting....12449  
 technique and equipment.  
 12403  
See also Fungicides; In-  
 secticides; names of  
 dusts; and subhead  
 spraying and dusting  
 under specific sub-  
 jects.  
 Dutch elm disease. See  
 Dieback, of elm.  
 Dyeing. See under specific  
 subjects.  
 Dysentery, in swine..12335  
 Dytiscidae  
 Cameroun.....12630  
See also names of gen-  
 era.  
 Early blight, of potato...  
 10377  
 Ears, of cats.....11970  
 Earthworms.....11176-7  
 Earwigs. See Dermaptera.  
 Earwoms. See Helionthis  
 armigera.  
 Eberhardtia.....10449  
 Ectoptyomera microps..12701  
 Echinacea purpurea...10977

**Ecology**  
 forest.....10097,10437  
 Brazil.....11494  
 France  
 Vosges Mountains....  
 10418  
 Germany  
 Erz Mountains..10428  
 Switzerland.....10407  
 plant 10007,10417,10424,  
 10436  
 Argentina.....10425  
 Basque Region...10242,  
 10399-400,10402,  
 10408,10410,  
 10421-2  
 Chile.....10413  
 Desventuradas Islands.  
 10432  
 El Salvador.....10423  
 France.....9997,10215  
 Biarritz.....10426  
 Champagne Region....  
 10409  
 Lower Seine....10414  
 Paris.....10419-20  
 Pyrenees.10026,10405  
 St. Jean de Luz.....  
 10401  
 French West Africa....  
 10427  
 Hispaniola.....10415  
 Italy  
 Massaciuccoli..10435  
 Juan Fernandez Island.  
 10432  
 Kansas.....10429  
 Latin America...10434  
 Lesser Antilles..10433  
 Malay Archipelago....  
 10403  
 Michigan  
 Oakland County.10146  
 North Sea Region.10412  
 Paraguay.....10430  
 Puerto Rico.....10416  
 Somaliland.....10406  
 Trinidad and Tobago...  
 10404  
 Uruguay.....10431  
See also Fauna; Flora;  
 Vegetation.  
 Economic conditions  
 Brazil.....13237  
 Latin America....14017  
 Louisiana.....14717  
 Mississippi.....14013  
 South Carolina....9893  
 Virginia.....14086  
 Economic plants.....10020  
 Argentina.....10126  
 Aruba.....10133  
 Bonaire.....10133  
 British Guiana....10102  
 Cuba.....10131  
 Curaçao.....10133  
 El Salvador.....10115  
 Hispaniola.....10082  
 Jamaica.....10114  
 Latin America....10043,  
 10099  
 Lesser Antilles...10433  
 Mexico.....10127  
 Nicaragua.....10081  
 Panama.....10116  
 Paraguay.....10088  
 Peru.....10108  
 Puerto Rico.....10109  
 Surinam.....10132  
 Uruguay.....10084  
 Economics  
 Uruguay.....14704

**Economy**  
 Belgium.....9923  
 Chile.....14020  
 Colombia.....9868  
 India.....9884  
 Italian Somaliland.14157  
 Libyan Sahara.....14164  
 native  
 Italian East Africa...  
 14028  
 Venezuela.....14026  
 Ecuador. Subsecretaría de  
 Agricultura. Laboratorio  
 Experimental de Molinería  
 y Panificación.....13705  
 Ecusta Paper Corp. (n. c.)  
 13478  
 Eczema.....11708,14554  
 in dogs.....12395  
 Edema.....12019  
 Education.....9625  
 adult.....14431  
 Argentina....14405,14419  
 Belgian Congo.....14023  
 Brazil.....14412  
 Canada.....14432  
 Ecuador.....14384  
 farmer training...9673,  
 14428  
 India.....9880  
 France.14380,14414,14647  
 Indochina.....14010  
 inter-American....14681  
 Iowa.....9673  
 Portugal.....14390  
 Portuguese Colonies....  
 14390  
 Puerto Rico.....9888  
 Timor.....14311  
 Uruguay.....14376  
 vocational agriculture..  
 14377,14380,14383,  
 14385,14407,  
 14417-18,14421,  
 14429,14431,14433,  
 14436  
 Africa.....14415  
 Brazil.....14658  
 Chile.....14409  
 France.....14381,14400  
 French Equatorial  
 Africa.....14394  
 Hungary.....14388  
 Iowa.....14391  
 Madagascar.....14395  
 Union of South Africa.  
 14435  
 U. S. S. R.....14411  
See also Children,  
 education and training;  
 Schools; Youth, educa-  
 tion and training; and  
 subhead study and  
 teaching under specific  
 subjects.  
 Efficiency.....9567  
See also subhead work  
 management under Dairy  
 industry; Home manage-  
 ment; Labor; Office  
 management.  
 Egg binding  
 in poultry.....12097  
 Egg-laying contests. See  
 Poultry, egg production,  
 laying contests.  
 Eggplant.....11051  
 Eggs  
 abnormalities.....13916  
 analysis and composi-  
 tion.13184,13884,13899,  
 13904  
 bacteria.....13884

**Eggs--Continued.**  
 Brazil.....13891,13915  
 Canada.....13883  
 care and handling..13908  
 cookery.....9642  
 costs and returns..14288  
 dried.....13881,13915  
 bacteria.....13191  
 cookery.....9640  
 quality.....13913  
 drying.....13016  
 Fire.....13890  
 equipment.....13016,13029  
 grading and standardiza-  
 tion.....9620  
 Great Britain.....13893  
 hatchability.....12179  
 industry  
 directories.....9955  
 marketing.....13888  
 preservation.13882,13912  
 prices  
 control....13910,13918  
 processed.....13914  
 purchase and sale  
 programs.....13898  
 quality.....13894,13917  
 refrigeration.....13906  
 shells.....12103  
 shows and sales....13885  
 statistics.....13903  
 storage.....13116,13895,  
 13902,13907  
 utilization.....13919  
See also subhead egg  
 production under  
 Poultry and kinds of  
 poultry; and subhead  
 eggs under names of  
 insects.  
 Eichhornia crassipes.10902  
 Ejidos  
 Mexico.....14027,14045  
 Electricity  
 hydroelectric.....11352  
 in plants.....10597  
 on the farm.12923,13122,  
 13127-8,13130,  
 13138  
See also Brooders,  
 electric; Equipment,  
 electric; 4-H Clubs,  
 electricity; High-fre-  
 quency heating; Ions;  
 Lighting; Mechaniza-  
 tion; Motors; Wiring,  
 electric.  
 Electrification  
 France.....13144  
 Georgia.....13137,13143  
 situation and outlook...  
 13134,13141  
 statistics....9629,13126  
See also U. S. Dept. of  
 Agr., Rural Electrifi-  
 cation.  
 Electronics. See Bacteri-  
 cidal lamps; High-fre-  
 quency heating; Radio.  
 Eleusine.....10681  
 Elevators, grain....13675  
 Elliott, Stephen, Jr.10031  
 Elm  
 culture.....10953  
 diseases.....10396  
 pests.....12617  
 Elm leaf beetle. See  
 Galerucella xanthome-  
 laena.  
 Eloceria.....12723  
 Elodea canadensis...10578  
 Elymus. See Wild rye.  
 Embotrium coccineum.10861



Item	Item	Item	Item
Embryos	Equipment--Continued.	Extension work--Continued.	Farms and farming--Con-
duck	postwar.....12953	cooperative.....14377	tinued.
culture media....11991	power.....9774	county agents.....14382	France.....14222
plant.....10495	rental.....9798	Florida.....9759	large-scale
swine.....12337	statistics....12965,12972	Kentucky.....9793	Canada.....14225
Employment. <u>See</u> Labor.	storage.....9844	Michigan.....14382	Italy.....14230
Empoasca abrupta.....9658	surpluses.....12943	Mississippi.....9803	layouts.....12920-1
Empoasca fabae.....12436,	<u>See also</u> Mechanics;	Puerto Rico.....14420	management...9631,14215,
12442,12644	Mechanization; Shops,	Eyes, nutrition diagnosis.	14219-20,14228,
Encephalitis	farm; names of equip-	14559	14242,14259,
transmission.....12595	ment; <u>and under</u>		14264
Encephalomyelitis, equine.	specific subjects.	Fagara coco.....10613	Canada.....14254
12025	Equisetum laevigatum f.	Fagarine.....10613	Egypt.....14237
Peru.....12022	proliferum.....10250	Fagus silvatica. <u>See</u>	financial...14213,14222
transmission.....12003	Eragrostis.....10190	Beech, European.	France.....14245
virus.....11991-2,12022	Eragrostis abyssinica. <u>See</u>	Fairmaire, L.	French Equatorial
Endeostigmata. <u>See</u>	Teff.	Catalogue des Coléop-	Africa.....14169
Acarina, Endeostigmata.	Erica.....10921	tères de la Région	Great Britain...14216
Endometritis	Erigeron affinis....12389	Malgache.....12652	India.....14246
in swine.....12352	Erigoninae.....12567	Fairs.....14387	Iowa.....14239
Engineering.....12917	Eriophorum.....10901	Families.....9683	New Zealand....14257
as an occupation...12918	Eriophyes pyri.....9658	expenditures...9592,9609	methods.....14235
research.....9582	Eriophyes sheldoni...12562	France.....14310,14379	Australia.....14265
<u>See also</u> Mosquitoes,	Erioptera.....12693	Government aid....14379	France.....14252
control, engineering	Eriosoma lanuginosum.12754	<u>See also</u> subhead family	India.....9884
methods.	Erosion. <u>See</u> Soil erosion;	<u>under</u> Farms and farm-	Italy.....14230
Engines, gas.....13050	Wind erosion.	ing; Nutrition (hu-	Mexico.....14236
Enicocephalidae.....12767	Eryngium.....10521	man).	Netherlands Indies.14258
<u>See also</u> names of gen-	Eryngium planum.....10600	Famine.....14520	North Carolina....9726
era.	Erysipelas, swine...12343,	Europe.....13159	Oklahoma.....9731
Empinanga.....12818	12347,12350,12353	Greece.....9934	Portugal.....14211
Ente di Colonizzazione	Erysiphe cichoracearum.	Farm bureaus. <u>See</u> names	purchasing....9701,9768
"Puglia di Etiopia".14312	<u>See</u> Powdery mildew, of	of local farm bureaus.	9816
Ente per il Cotone	cucurbits.	Farm fishponds. <u>See</u>	records.....14270-1
dell'Africa Orientale....	Erythrina.....10029	Fishponds, farm.	situation and outlook...
13529	Erythroneura....9658,12768	Farm Products Control Act	14251
Ente per la Colonizzazione	control.....12755	(Canada).....13215	size.....9819
della Libia.....14320	Escherichia coli....13383	Farm Security Admin. <u>See</u>	Argentina.....14345
Entelecara.....12567	Esparto grass.....10005	U. S. Dept. of Agr.,	Australia.....14265
Enteritis	Essential oils.9582,11096,	Farm Security Admin.	India.....9949
in swine.....12334	13591	Farmers.....14093	small-scale.....14216,
Entomologists. <u>See</u> names	Argentina.....13873	Africa.....14437	14219-20,14256
of entomologists.	Spain.....13850	Argentina....14111,14290	Belgium.....14247
Entomology. <u>See</u> Insects.	Estación de Estudios de	economic and social	Peru.....14261
Enzymes.10071,10542,14588	Tabaco de Santiponce	status.....9592,14290	statistics.....9592
plant.....10621-2	(Spain).....13983	France.....14109	subsistence.....14210
<u>See also</u> Amylase;	Estienne, Charles....14648	organization.....14457	supplies.....13460
Phosphatase.	Estrus. <u>See under</u> names of	Panama.....14424	types.....14248
Ephemerida	animals.	Uruguay.....14376	France.....14218
habits and behavior....	Ethnobotany.....10003	<u>See also</u> Attitudes,	values.....9555,9768
12905	Latin America.....10107	farmer; Credit; Fam-	Australia.....14265
<u>See also</u> names of fam-	Etiella zinckenella..12845	ilies; Income; In-	Portugal.....14350
ilies and genera.	Eubria palustris....12613	vestments.	<u>See also</u> Accounting;
Ephemeroptera. <u>See</u>	Eugene, Oreg., Fruit	Farmers Federation...14455	Agriculture; Collective
Ephemerida.	Growers' Assoc.....13252	Farmhouses...13063-4,13075	farming; Conservation
Epiblema.....12837	Eulophidae.....12796	Australia.....13065	farming; Contour farm-
Epilachna varivestis.9707,	<u>See also</u> names of gen-	construction.....13078	ing; Cooperation; Dry-
12692	era.	designs and specifica-	land farming; Home-use
Epilobium angustifolium.	Euphorbiaceae.....10218	tions.....13067-9,13077	production; Irrigation;
<u>See</u> Fireweed.	Eupithecia	France.....13072	Land, tenure; Mechan-
Epimedium alpinum....10200	larvae.....12840	Germany.....13068,13077	ization; Part-time
Epischia.....12837	European corn borer. <u>See</u>	maintenance and repair..	farming; Pastures;
Epitrix.....12644	Pyrausta nubilalis.	13071,13074	Shops, farm; State
Epitrix cucumeris....12436	European earwig. <u>See</u>	postwar.....13076	farms; Truck farming;
Epitrix tuberis.....9751	Forficula auricularia.	<u>See also</u> Insulation,	<u>and</u> names of products.
Epsom salts. <u>See</u> Magnesium	European red mite. <u>See</u>	houses.	Farrer, William James.....
sulfate.	Paratetranychus pilosus.	Farms and farming...14240	14678
Equipment.....9562,12923,	Euxanthia.....12837	Argentina.....14250	Fat solvents, effect on
12946,12961,12964,	Evergreens.....9709,10949	as an occupation...9586,	insects.....12744
12970,12973	propagation.....10579	9816	Father and son agreements.
cooperatives.12976,12978	Evolution	Canada.....14266	<u>See</u> Farms and farming,
costs and returns..12948	plant.....10090,10093	China.....9901	father and son.
designs and specifica-	<u>See also</u> Species, origin.	costs and returns.14242,	Fats. <u>See</u> Oils and fats.
tions.....9915,12948,	Exoascus deformans. <u>See</u>	14274-5	Fauna
12955	Leaf curl, of peach.	Argentina..14287,14290	Belgian Congo.....9975
electric.....9826	Experiment stations	Australia.....14289	Canada, British
France.12942,12949,12954	Italian Africa....14687	Canada.....14277	Columbia.....14617
India.....9884	Explorers, diet.....14519	France.....14278	Chile.....14710
industry.....12974	Explosives.....11326	Indochina.....14010	<u>See also</u> Aquatic in-
Italy.....12963	Exports. <u>See</u> Trade; <u>and</u>	demonstration.....9778	sects; Cave fauna.
labor-saving.9796,12952	subhead trade <u>under</u> names	family	Feathers.....11655
maintenance and repair..	of products.	Argentina.....14232	
9844,12960,12962,	Extension work.....10302	father and son....14253	
12969	China.....14439		



**Feed**  
 analysis and composition.....11836  
 Eire.....11657  
 France.....11683  
 glossaries.....11677,12218  
 India.....11663,11684,11837  
 Italy.....11836  
 marketing.....13460  
 postwar.....13458  
 regulation and inspection.....11683  
 relation to  
   milk production...9656  
 Rhodesia.....12080  
 situation and outlook...  
   9792,9814,12195,  
   13461-2  
 substitutes.....11656,11674,  
   13456  
 vitamins.....11664  
See also Concentrates  
 (feed); Forage plants;  
 Grasses; Hay; Minerals;  
 Proteins; Roughage;  
 Silage; Vitamins; names  
 of feeds; and subhead  
 feeding and nutrition  
 under Livestock, Poul-  
 try, and names of  
 animals.  
 Feeders.....13092,13104  
 Feltia annexa. See Feltia  
 subterranea.  
 Feltia subterranea...12805  
 Fences.....12925  
   maintenance and repair...  
   12913  
 Fennel oil.....13849  
 Fermate.....10319  
 Fermentation. See Bacteria;  
 Enzymes; Yeasts; and  
 under names of products.  
 Ferns.....10462,10644  
 Fertility. See under  
 Soils; and names of  
 animals.  
 Fertilizer spreaders.....9847,  
   12985  
 Fertilizers.....9530,9626,  
   10050,11228,11238,  
   11291,11394-5,11401  
   analysis and composi-  
   tion.....11414  
   application...9777,9802,  
   11243,11397-8,  
   11400,11402-3  
   Canada.....11415,11431  
   conferences and con-  
   gresses.....10045  
   effects  
     on plants.....10537,  
     11190,11262,11279  
     on soils.....9736  
     residual.....11229,  
     11258,11269,11283  
   France.....10059,11421-2,  
     11426-7  
   granulation...11417,11420  
   India.....10009  
   industry.....11233,11416  
   New Zealand.....11393  
   North Carolina.....9723  
   organic.....11254,11262,  
     11394,11399  
   policies.....11404  
   postwar.....11396  
   requirements...11136,11143  
   situation and outlook...  
     11424,11428-30,11432  
   statistics.....11423  
   tests.....9777,9802,  
     11259,11273

**Fertilizers--Continued.**  
 U. S. S. R...10052,10054  
See also Composts; Hu-  
 mus; Manures; Minerals;  
 Minor elements; Pas-  
 tures, fertilizers;  
 names of fertilizers  
 and their constituent  
 elements; and under  
 names of plants.  
 Festuca rubra rivularis...  
   10220  
 Festulolium.....10445  
 Fiber plants.....10023  
   Hungary.....13172  
   Latin America.....10735  
   See also names of  
   plants.  
 Fiberboard.....11611  
 Fibers.....9941  
   animal.....9941  
   Australia.....14206  
   Italian Africa.....13481  
   Italian East Africa....  
     13484  
   moisture.....13521  
   postwar.....13473  
   properties.....13533  
   sources.....13474  
   subsidies.....14206  
   synthetic....9941,13473,  
     13490,13511,13518,  
     13541  
   tests.....13516  
   textile.....13481,13521,  
     13527,13533  
   utilization...13474,13498,  
     13533  
   vegetable.....9941  
   See also names of  
   fibers.  
 Fiberwood.....11545  
 Fibrovascular bundles....  
   10442,10463-4  
 Ficus altissima.....10177  
 Field crops  
   culture.....9782,10030  
   diseases.....10313  
   fertilizers.....14686  
   India.....10009  
   research.....9582  
   See also Rotation of  
   crops; and names of  
   crops.  
 Filberts.....11572  
 Filicales.....10243  
 Films.....9586-7  
   Canada.....14392,14434  
   See also Motion pic-  
   tures.  
 Fimbriaria angusta...10266  
 Finance. See Banks and  
 banking; Credit; Farms  
 and farming, management,  
 financial; Government,  
 finance.  
 Fir.....9608,10532  
 Fir, red.....11563  
 Fires  
   control.....12912  
   losses.....9746  
   prevention...12936,12938  
   Puerto Rico.....12924  
   See also Forest fires;  
   Ranges, fires.  
 Fireweed.....11070  
 Fish  
   canned.....14008  
   dried.....12640  
   nutritive value...9985,  
     14592  
   poisoning of.....12410

**Fish--Continued.**  
 regulation and inspec-  
 tion.....9651  
 spoilage.....14000  
 Fishponds, farm.....14619  
 Flabellomelyris n. g.12670  
 Flat-sedge.....11059  
 Flatina.....12769  
 Flavone.....10630  
 Flavorings.....13299  
 Flax.....13478  
   Canada.....14207  
   diseases....10301,10357  
   fertilizers.....11276  
   Italian East Africa....  
     10729  
   Italy.....10727,10791,  
     10796,11188  
   oil plant...10791,10796  
   Peru.....13466  
   prices.....13466  
   subsidies.....14207  
   Switzerland.....13544  
   See also Insurance,  
   flax.  
 Flea beetles. See names  
 of genera.  
 Flebotomus  
   rearing and breeding....  
   12709  
 Flies  
   control....9658,12427,  
     12456,12708,12740  
   See also Myiasis; com-  
   mon group names; and  
   names of families and  
   genera.  
 Floods  
   California.....11335  
   control....10057,11315,  
     11326,11333  
   California.....11309  
   Missouri River Basin..  
     11352  
   Mexico.....11318-19  
 Floors  
   prefabricated.....11580  
 Flora  
   Amazon Region.....10158  
   Australia  
     Queensland.....10180  
   Basque Region.....10144  
   Brazil.....10163  
   Canada  
     British Columbia...14617  
     St. Lawrence Region...  
       10161,10192  
   Central America...10169  
   Costa Rica.....10165  
   Cuba.....10148  
   Ecuador.....10145  
   France.....10219  
     Brittany.....10153  
     Nièvre (Dépt.)...10150  
     southern.....10147  
     southwestern...10157  
   Galapagos Islands..10166  
   Honduras.....10167  
   Latin America.....10162  
   Lebanon.....10151  
   Mexico.....10169  
   Michigan.....9685  
   Oakland County...10146  
   New Caledonia.....10154  
   New Guinea, Papua..10223  
   North Polar Region..10164  
   Norway.....10152  
   Spitsbergen.....10152  
   Syria.....10151  
   Texas.....10025  
   Venezuela.....10160  
   West Virginia.....10191

**Flora--Continued.**  
See also Ecology, plant;  
 Vegetation.  
 Fla. Agr. Col. Ext.  
   Serv.....9759  
 Fla. Veg. Com.....13559  
 Florists' Telegraph De-  
 livery Assoc.....13990  
 Flour  
   analysis and composi-  
   tion....13183,13670-1,  
     13685,13701  
   baking quality...13702,  
     13708  
   chemistry.....13679  
   France.....13701  
   nutritive value...14583  
   prepared.....13687  
   storage.....13687  
   vitamins.....14585  
   See also Mills and mill-  
   ing; and kinds of  
   flour.  
 Flowers.....14671  
   anatomy and physiology..  
     10643  
   arrangement...10868,10931  
   color and fragrance....  
     10968  
   cut.....10926,10938  
   industry.....13987,13990  
   Latin America.....10043  
   national.....10029  
   pests.....12430  
   seed.....14009  
   shows.....10904,10943  
   See also Gardens and  
   gardening, ornamental;  
   Wild flowers; and  
   names of flowers.  
 Fluorescence.....13259  
 Fluorine  
   determination....11661  
   in animal nutrition....  
     11661  
   in food.....13181  
   in water.....9753  
 Fly. See Flies.  
 Fodder. See Feed.  
 Foliar diagnosis.....11232  
 Food.....14442  
   Africa.....13154,13274  
   analysis and composi-  
   tion.....9986,13185,  
     13187,13194,14541  
   Argentina.....13187  
   Belgium.....9923  
   canned  
     grading and standard-  
     ization.....13223  
     quality....9848,13221  
     spoilage...9848,13246,  
       13250,13268  
   China  
     bibliographies...9871  
     coloring.....13188  
     conservation....13213  
     consumption...9648,9927,  
       13201  
   containers.....13227  
   Denmark.....13162  
   distribution....13213  
   dried.....13247  
   quality.....13269  
   Europe.9599,13154,13166,  
     13168,13274,13276  
   France.....13197  
   frozen.....13244  
   marketing.....13217  
   packaging.....13226  
   quality.....13219  
   grading and standardi-  
   zation.....13220



**Food--Continued.**

Great Britain.....13151,  
13179,14156

Greece.....9934

habits.....9609,9984,14547

Germany.....9980

India.....9879,9949

Mediterranean Area.....9599

Middle East.....13811

Norway.....13169

nutritive value.....14537

packaged.....13228

pests.....12458,12640

poisoning...13190,13196,  
14521,14544,14555

postwar.....13201

prices

Argentina.....14208

Colombia.....13152

processed

vitamins.....14569

processing.....13259

production.....9648

programs.....9938,13153,  
13928

quality.....13208

rationing.....13238

France.....11726

Great Britain...13241-2

Libya.....13231

Sweden.....13178

regulation and inspec-  
tion.....9621,13225

Middle East.....13811

requirements.....9647

Australia.....13206

India.....9949

research.....13245

situation and outlook...  
13148-9,13157-8,  
13163,13173-4,13176,  
14711

spoilage.....13192

statistics.....13176

substitutes.....13197

Sweden.....13178

Tropical Africa...14440

U. S. S. R.....9599

values.....14516

waste.....14561

See also Allergies,  
food; Armed forces,  
food; Botulism; Canning  
and preserving; Cook-  
ery; Dehydration; Fam-  
ine; Freezing of food;  
High-frequency heating,  
in food processing;  
Lend-lease; Nutrition  
(human); United Nations  
Conf. on Food and Agr.;  
U. S. Army, food; Vita-  
mins; and names of  
foods.

Food and Agricultural  
Organization of the  
United Nations.....14047,  
14627,14631,14637-8

Food plants, wild....10087

as feed

for rabbits.....12216

for swine.....12324

Foot and mouth disease....  
11705

Argentina.....13808

immunization.....9958

in cattle

immunization....11901

Uruguay.....11868

Switzerland.....9958

Forage plants.....9635

culture.....10766,11312

**Forage plants--Continued.**

fertilizers.....10045,  
11246,11248,11256

Great Britain.....9897

India.....10768

New Zealand.....10553

nutritive value...12484

planting.....10778

varieties.....10777

yields.....10746

See also Grasses, for-  
age; Silage; and names  
of plants.

Forcipomyia.....12702

Forest fires.....11536

Alabama.....11539

Canada.....11537

control.....11541

equipment.....11540

detection.....11535

Great Britain...11538

Virginia.....11534

See also Revegetation.

Forest insects.....12684

control.....12433

Europe.....9972

Forest pathology. See  
Trees, diseases.

Forest products

Argentina.....11498

France.....11619

See also names of for-  
est products.

Forest Service. See U. S.  
Dept. of Agr., Forest  
Serv.

Forestry.....11515

Argentina...10664,14698

as a profession....9989

associations.....11468

Canada.....14303

history.....11624

Hungary.....11479

Italy.....11485,11518

Latin America....11456

legislation

Alabama.....14249

France.....11470

Wisconsin.....14641

Mexico.....11493,11517

Mona Island.....10666

policies...11457-8,11467

Great Britain...11469

Peru.....11464

Uruguay.....11459

Tennessee.....11454

Virginia.....11474

See also Accidents,  
forest; Lumbering;  
Silviculture.

Forests.....11625-6,11463

administration....11517

Africa.....11499

Argentina.....11497-8

Arkansas.....11475

Basque Region....11480

Brazil.....11494

Chile.....11483

community...11466,11627-8

cut-over.....11465

Ecuador.....11484

Ethiopia.....11492

Europe.....11486,11495

France.....11491

Honduras.....11478

Hungary.....11490

in soil conservation....  
11315

increment and yield....  
11516

industries.....11474,  
11483,11572

**Forests--Continued.**

influences.....11630

Italian East Africa.....  
11471

Italy.....11473,11476-7

Latin America.....10043

management.....11514

Great Britain...11512

Switzerland.....11516,  
11519

mensuration.....9605

national.....11689

New Zealand.....11502

regulation.....11461

France.....11455

resources.....11462,  
11496,11500

situation and outlook...  
11496

soils...9608,11125,11194

statistics.....11499

Switzerland.....11466

thinning.9603,9608,11513

values.....11465

West Coast.....11481

wildlife relations.11631

Yugoslavia...11489,11501

See also Ecology, for-  
est; Forest insects;  
Grazing, forest; Re-  
forestation; Trees;  
Wildlife; Woodlands,  
farm; and names of  
forests.

Forficula auricularia.....  
12898-9

Forficulidae

Cameroons.....12902

See also names of gen-  
era.

Formaldehyde.....10622

Formica, habits and be-  
havior.....12788

Formicomus.....12670

Fossil plants. See Paleo-  
botany.

Foulbrood, American.12483,  
12490,12503,12505,12525

4-H Clubs

Canada.....14449

canning and preserving..  
9761,9763,9765-6

clothing.....9817

cooking.....9764

demonstrations.....9773

electricity.....13131

farm buildings....13057

furniture.....9799

gardens.....9786,9813

home management....9818

programs.....14465

swine.....12365

wartime activities.9818

wildlife.....9760

Fowl cholera.....12118

control.....12112

transmission.....12110

Fowl pest.....12107

therapy.....12113

Fowl plague. See Fowl  
pest.

Fowl pox

immunization.....12093

Foxglove.....11002

Freezing of food

home.....9843,13249,  
13253,13264

equipment.....12995,  
13013-14,13019

See also Locker plants;  
Refrigeration; and  
under names of products.

**Fresneau, François...13552**

Fribourg, Switz. Universi-  
tät, Botanische Institut.  
10040

Frogs.....14628

Frost, J. W.....11530

Frost.....10574

Frow, R.....12524

Fructosan.....10611,10618

Fruit.....9996

analysis and composi-  
tion.....13186

canned, India.....13575

canning

cooperative.....13252

home.....13646,13973

color.....13601

consumption.....13613

culture.....9534,10844

diseases...10302,10307,  
10342,10379,10606

fertilizers.11267,11286,  
11398,11400,11406

France.13553,13569,13597

freezing....9529,13622,  
13645,13662-3,13665

gas packing.....13634-5

Germany.....9933

grading and standardi-  
zation.....9623

Hawaii.....9770

home raising.....9762

Hungary.....13567

injuries...10316,10601,  
10823

juices and sirups

Argentina.....13551

France.....13564

marketing.....9618

Nova Scotia.....10836

packaging...13612,13614

packing.....13610

Peru.....10821

pests.....9973,12405,  
12646,12684,12841

Bulgaria.....12393

pollination.....12501

preservation.9666,13633

home.....13553,13649

preserved

spoilage...13617,13620

processed, grading and  
standardization...9535

products.....13186

propagation...10837,10839

pruning.....10846

refrigeration...13634-5

soils...11255,11265,11286

South America.....10820

spraying and dusting...  
12828

statistics...9554,9556,  
9613

storage.....9754

trade.....9770

transportation...13214,  
13594,13597,13599,  
13602

tropical and subtropi-  
cal.....10043

Utah.....9743

varieties....9534,9743,  
10814,10822,10841,  
10845

vitamins.....14573

See also Orchard man-  
agement; and names of  
fruits.

Fruit, small. See Ber-  
ries; Grapes.

Fruit-tree leaf roller.  
See Archips argyrospila.



- Item**  
*Fucus chalonii* n. sp. 10274  
 Fuels.....13038-9, 13037  
   See also names of fuels.  
 Fuller rose weevil. See  
*Pantomorus godmani*.  
 Fumigants.....12428  
 Fumigation. See Soils,  
   sanitation; names of fu-  
   migrants; and under names  
   of products.  
 Fungi.....10110, 10118  
   anatomy and physiology..  
     10486, 10550  
   antibacterial.....10122,  
     10130  
   Basque Region.....10283  
   edible.....10079  
   entomogenous.....10286  
   Italy.....10079  
   wood-destroying.....10375  
   See also Fungicides;  
   Growth substances for  
   plants; Mushrooms; and  
   names of fungi, fungi-  
   cides, fungus diseases,  
   and host plants.  
 Fungicides....10304, 10328,  
   10362, 12401  
   analysis and composi-  
   tion.....10308  
   tests.....10312  
   See also names of fungi-  
   cides.  
 Furniture. See 4-H Clubs,  
   furniture; and kinds of  
   furniture.  
 Furs  
   Canada.....9926  
   Karakul sheep.....12245,  
     12250, 12303  
   rabbit.....12303  
 Fusarium.....10372  
   biochemistry.....10071  
   on cotton.....10366  
   rot, of potato.....10343  
 Fusarium apii  
   on celery.....10334  
 Fusarium oxysporum f.  
   conglutinans. See Yel-  
   lows, of cabbage.  
 Future Farmers of America  
   swine.....12365  
 Futures trading....9568-9,  
   9939  
 Galactopharitis  
   in cattle.....11887  
 Galerucella xanthomelaena.  
   12617  
 Galium.....10223  
 Gall insects.....12384  
   See also names of fam-  
   ilies and genera.  
 Galleria mellonella..12508  
 Galls, plant.....10535  
 Game.....12718  
   See also Wildlife.  
 Gammexane. See 1,2,3,4,5,6  
   Hexachlorocyclohexane.  
 Ganoderma. See Root rot,  
   of citrus.  
 Garbage, as feed....12077  
 Gardens and gardening  
   China.....11254  
   France.....10957  
   Maryland.....10996  
   Morocco.....10935  
   Mozambique.....10914  
   ornamental.....10947  
   pests.....10305, 12397  
   seasonal.....10879  
   victory.....9804-5, 11009  
   bibliographies....9611  
**Item**  
 Gardens and gardening--  
 Continued.  
   watering.....11313  
   See also Botanic gar-  
   dens; Clubs, garden;  
   Flowers; 4-H Clubs,  
   gardens; Fruit; Land-  
   scape gardening; Orna-  
   mental plants; Rock  
   gardens; Soilless cul-  
   ture; Truck farming;  
   Vegetables; etc.  
 Gas engines. See Engines,  
   gas.  
 Gas packing. See under  
   Fruit.  
 Gasteria caespitosa..10877  
 Gasterophilus.....12728  
 Gasterophilus nasalis.....  
   12705  
 Gastroenteritis  
   in swine.....12340  
 Geese  
   breeds and breeding.....  
     12048  
   See also Eggs, goose;  
   Feed; and names of  
   feeds and of anatomi-  
   cal parts, diseases,  
   parasites, and prod-  
   ucts.  
 Gelatin.....12417  
 Gelechia.....12837  
 Genes  
   plant.....10501  
   poultry.....12051  
 Genetics  
   plant.....10112, 10500,  
     10502, 10506, 14640  
   See also Chromosomes;  
   Genes; and subheads  
   genetics and heredity  
   under names of ani-  
   mals, insects, and  
   plants.  
 Gentiana lutea.....10554  
 Geology.....10063  
   France.....11213, 14622  
 Ga. Inst. of Genetics.....  
   10504  
 Geotropism.....12763  
 Geranium.....10895, 10917  
 Gerber test.....13380  
 Germain, Louis.....14676  
 German cockroach. See  
   Blattella germanica.  
 Gesarol. See DDT.  
 Ghee.....13363-4, 13418  
 Ghosis (Indian caste)....  
   13723  
 Ghost moths. See  
   Hepialidae.  
 Ginger, culture.....11097  
 Ginkgo biloba.....10461,  
   10609, 10633  
 Gladiolus.....10868,  
   10886, 10904  
   breeding....10882, 11005  
   diseases.....10310-11  
   New Zealand.....10993  
   soils.....11220  
   varieties...10866, 10907,  
     10925  
 Glass rod cutter....11713  
 Gliders.....11577  
 Gliotoxin.....10615  
 Glomerella cingulata..10564  
 Glossina  
   and disease.....12719  
 Glossina morsitans..12718  
 Glossonotus crataegi..12783  
 Gloxinia. See Sinningia.  
 Glucose.....13965  
**Item**  
 Gluten.....13685  
 Glycerine.....13228  
 Glyphipteryx fischeriella.  
   12820  
 Gnorimoschema operculella.  
   9580  
   control.....12834  
 Goats.....12280, 12283-4  
   associations.....12293  
   breeds and breeding.....  
     12235, 12237, 12248  
   Angora.....12234, 12251  
   Toggenburg, British...  
     12243  
   care.....12252, 12279,  
     12281, 12292, 12297-8,  
     12301, 12304  
   diseases.....12263  
   feeding and nutrition...  
     12252, 12255  
   pasture and range.....  
     10772  
   France.....12285  
   Great Britain.....12286,  
     12298  
   heredity.....12236  
   history.....12251, 12278  
   industry.....13739  
   milk production....12288  
   parasites.....12263  
   records and testing....  
     12294  
   shows and sales...12291,  
     12296  
   Switzerland..12235, 12305  
   See also Artificial in-  
   semination; Chevon;  
   Feed; Milk, goats;  
   and names of feeds and  
   of anatomical parts,  
   diseases, parasites,  
   and products.  
 Gooseberries.....10035  
 Gourds.....9583  
 Government  
   aid to agriculture.9881,  
     10075, 14143  
   Angola.....14092  
   Belgian Congo....14100  
   France....14136, 14180,  
     14325  
   Italian Africa...14158  
   Tripoli.....14190  
   finance.....9881  
   local, Great Britain....  
     9876, 14430  
   See also Credit; Fami-  
   lies, Government aid;  
   Policies and programs;  
   Postwar planning; Sub-  
   sidies; and names of  
   commodities and Govern-  
   ment agencies.  
 Grafting. See subhead  
   propagation under Fruit;  
   Plants; and names of  
   plants.  
 Grading and standardiza-  
   tion. See Labeling; and  
   under names of products.  
 Grain  
   analysis and composi-  
   tion..13184, 13706, 13709  
   Argentina...10689, 13668,  
     13674, 13714  
   as feed  
   for poultry.....12096  
   Australia.....10714  
   breeding.....10691  
   consumption.....9984  
   culture.....10674  
   diseases.....10368  
   South Dakota....10301  
**Item**  
 Grain--Continued.  
   equipment.....9920, 13036  
   Ethiopia.....10721  
   fertilizers..10053, 11243  
   Great Britain.....9897  
   harvesting.....9920  
   history.....13713  
   Hungary.....13704  
   Italian Africa.....13203  
   Italian East Africa.....  
     13676  
   Netherlands Indies..13716  
   nutritive value....9984,  
     14600  
   poisonous to live-  
   stock.....11704, 11741  
   processing...13036, 13707  
   U. S. S. R.....10068  
   varieties.....9741, 10714  
   See also Elevators,  
   grain; Mills and mill-  
   ing; and names of  
   grains.  
 Grain elevators. See  
   Elevators, grain.  
 Grama, side-oats.....10585  
 Granaries. See Elevators,  
   grain.  
 Graniger volkonskyi n.  
   sp.....12619  
 Granja Experimental de  
   Divisa (Panama)....14689  
 Granulate cutworm. See  
   Feltia subterranea.  
 Grape leaf skeletonizer.  
   See Harrisina ameri-  
   cana.  
 Grape leafhopper. See  
   Erythroneura.  
 Grape oil.....13846  
 Grape sugar.....13944  
 Grapes  
   anatomy and physiology..  
     10574, 10603, 10857  
   biochemistry.....10648  
   breeding.....10534  
   culture.....10858  
   diseases..10340, 10361-2  
   Dominican Republic..13319  
   France..13298, 13549, 13615  
   Hungary.....13556  
   industry.....13566  
   pests..12755, 12784, 12847  
   products.....13590  
   propagation.....10534,  
     10853, 10857  
   soils.....11128, 11198  
   varieties.....10848-9  
   yields.....10856  
 Graphipterus.....12610  
 Grapholitha molesta  
   control.....12826, 12863  
 Grass tetany  
   in cattle.....11886  
 Grasses.....10402  
   anatomy and physiology..  
     10552, 10565, 10596, 10607  
   Australia.....10596  
   diseases.....10346  
   drying.....13992  
   effect on soils...11293  
   fertilizers.....11247-8  
   forage.....10774-5  
   planting.....10761  
   seeds.....9550  
   harvesting.....9549  
   soils.....11219  
   U. S. S. R.....10758  
   vitamins.....14579  
   See also Hay; and names  
   of grasses.  
 Grasshoppers and locusts  
   Argentina.....12869



- Item**  
Grasshoppers and locusts--  
Continued.  
Central Africa.....12880  
Italy.....12884  
See also Acrididae; and  
names of genera.  
Grasslands. See Ley farm-  
ing.  
Grazing...9638,10076,10739  
Australia.....12282  
effect on vegetation....  
10010,10746,10749  
forest.....11689,11827  
Great Britain.....11688  
legislation.....11687  
See also Forage plants;  
Grasses; Pastures;  
Ranges.  
Grazing Land Managt.  
Plan.....9545  
Great Atlantic and Pacific  
Tea Co.....13612  
Great Britain. Dept. of  
Sci. and Indus. Res.13245  
Great Britain. Milk Mktg.  
Bd.....13395  
Green manure.....11253,  
11274,11277  
U. S. S. R.....10055  
Greenhouse thrips. See  
Heliothrips haemor-  
rhoidalis.  
Greenhouses  
equipment....12959,12967  
fertilizers.....11226  
ornamentals.....10999  
pests.....12903  
soils..11192,11221,11261  
spraying and dusting....  
9658  
vegetable culture..11038  
See also Cloches; Cold-  
frames.  
Greens, edible.....10087  
See also Vegetables,  
leafy; and names of  
greens.  
Growth substances for  
plants.....10516,10544,  
10587,11445  
effects.....10293,11042  
on fruit set.....11027  
on rooting.....10586  
inhibitors.....10546  
See also Hormones,  
plant; Weeds, control,  
growth substances; and  
names of growth sub-  
stances.  
Gryllus domesticus. See  
Acheta domestica.  
Guajacum. See Lignum-  
vitae.  
Guayule.....11089  
Gubin, A.....12514  
Guerrobunus n. g.....12571  
Guevara, Fray Antonio de..  
14672  
Guinea fowl.....12184  
Guizotia. See Niger seed.  
Gums and resins.....13182,  
13185,13371,13527  
See also Ammoniac;  
Naval stores.  
Guncotton.....13520  
Gypsy moth. See Por-  
tethria dispar.  
Gyrinidae  
Cameroun.....12630  
See also names of gen-  
era.  
Gyrinus.....12656
- Item**  
Haemosporidia  
in horses.....12011  
Hail.....10317  
Hairgrass, tufted....10424  
Halidrya siliquosa...10467  
Ham, vitamins.....14607  
Hanseniella graeca n. sp..  
12588  
Hanseniella hova n. sp....  
12589  
Haptoderus champenoisi....  
12642  
Hardiness, in plants.....  
10541,10707,10847  
Harmon, Garland D....14646  
Harrisina americana..12847  
Harrowing.....11297  
Harrows.....12980  
Harvesting  
Egypt.....13005  
equipment....9920,12986,  
12989,13010  
See also Combines;  
kinds of equipment;  
and under names of  
crops.  
Hay.....13009  
Canada.....10771  
drying.....11659  
barn.....11986,13003,  
13025,13028,13100  
equipment....9920,11659,  
12988,13003,13030,  
13100  
harvesting...9920,12940,  
12998  
quality.9852,11649,11659  
salting....11680,11682,  
11685  
stacking.....13011  
See also kinds of hay.  
Health.....9800,9832  
agreements.....12453  
Canada.....14422  
dental care.....9753  
Iowa.....14423  
Louisiana.....9676  
prenatal.....9838  
surveys.....14401  
Tropical Africa....14440  
Tropics and Sub-  
tropics.....14386  
See also Insurance,  
health; and subheads  
under Nutrition (hu-  
man).  
Heart disease  
in swine.....12346  
Heart worm, in dogs..11956  
Heat, effect on  
insects.....12388  
plants.....10573  
Heaters.....12951  
Heath.....10401  
Hedera.....10602  
Hedges, pruning.....11006  
Heifers. See Calves and  
heifers.  
Heim de Balsac, R.....12587  
Helichrysum.....10209  
Heliothis armigera  
control.....9573  
Heliothrips haemorrhoi-  
dalisis.....12439  
Helminthosporium gramineum  
10330  
on barley.....10339  
Helminths. See Worms.  
Hemerocampa vetusta...9658  
Hemilepistus (Perceilio)..  
11172
- Item**  
Hemiptera  
Belgian Congo.....9975  
Hemisarcptes malus..12558  
Hemlock, Pacific....11560  
Hemlock, western. See  
Hemlock, Pacific.  
Hemorrhagic septicemia....  
11728  
in cattle.....11880  
Hemp.....9951,13545  
Argentina.....13497  
Italy.....9942  
Switzerland.....13544  
Henequen, Mexico....13472  
Hepaticae  
Canada.....10265  
North Africa.....10032  
Hepialidae.....12860  
See also names of  
genera.  
Heptaulacus.....12662  
Herbaria.....10113  
See also Plants,  
collecting and collec-  
tions; and names of  
herbaria.  
Herbicides.....9659-60  
Herbs.....11112  
Heredity. See Genetics;  
and under names of  
animals, insects, and  
plants.  
Herse convolvuli....12806  
Hessian fly. See Phytoph-  
aga destructor.  
Heterocera. See Moths.  
Heteronychus sanctae-  
helenaee.....12690  
Heteropinus.....12782  
Hevea  
Ceylon....11091,11093-4,  
11111,11116  
culture.....11094  
diseases.....10347  
Latin America....11109  
See also Rubber.  
1,2,3,4,5,6 Hexachloro-  
cyclohexane.....12399  
Hexachlorethane....11851  
Hexathele.....12599  
Hibiscus.....10586  
Hibiscus syriacus...10874  
Hide Beetle. See Dermestes  
vulpinus.  
Hides and skins  
India.....13765  
Italian East Africa....  
13782  
preparation for tanning.  
13818  
sheep.....13819  
See also Leather; Tan-  
ning.  
High-frequency heating  
in food processing.....  
13653,13696  
Hippocastacaceae. See  
Aesculaceae.  
Hippotion.....12818  
Histamine.....12460  
Hister ignobilis schmidt-  
anus n. var.....12674  
Histeridae.....12674  
Camerouns.....12661  
See also names of  
genera.  
History.....10074,14623  
Brazil.....14670  
France.....14414,14649  
Southern States....14646  
See also under specific  
subjects.
- Item**  
Hog cholera...12333,12344,  
12351  
diagnosis.....12348  
immunization.....12349  
Hogs. See Swine.  
Hoisting equipment...11547  
Holly.....9705  
Holoparamacus.....12656  
Holstein-Friesian Assoc.  
of Canada.....13803  
Home demonstration work.  
See Extension work, home  
demonstration.  
Home economics. See Home  
management.  
Home management.9588,10065  
study and teaching..9888  
work management....9801  
See also 4-H Clubs,  
home management; and  
specific subjects.  
Home-use production...9846  
Homeria collina.....11064  
Homoptera  
Belgian Congo.....9975  
East Africa.....12769  
See also names of  
families and genera.  
Honey.....12492  
analysis and composition  
13186  
Argentina.....12519  
comb.....12504  
cooperatives..9589,13718  
harvesting.....12495  
marketing.....9589,12477  
nutritive value....14587  
quality.....13719  
trade.....12519  
yields.....12506  
Honey plants..10773,11106,  
11113  
See also names of honey  
plants.  
Honeybees. See Apis  
mellifera.  
Hooded owlets. See  
Cucullia.  
Hoofs, horses and asses...  
12029-30  
Hoplestigma.....10451  
Hordeum distichum. See  
Barley, two-row.  
Hormones  
animal.....11856  
plant.....10569,10579  
See also Growth sub-  
stances for plants; and  
names of hormones.  
Horse meat  
Italy.....13746-7,13768  
Horsebeans.....10754  
Horsechestnuts.....11666  
Horses.....12037  
Albania.....11984  
anatomy and physiology..  
11993  
Argentina.....11978  
bibliographies....12037  
breeds and breeding....  
11983,11985  
Adaev.....11982  
Anglo-Norman....11979  
Arabian.....14712  
Sardinian strain....  
11984  
Ardennais.....11980  
Morgan.....14712  
Palomino.....14712  
Percheron..11975,11978  
Quarter Horse...11976,  
11981  
Thoroughbred.....9969



Item	Item	Item	Item
Horses--Continued.	Humus...10530,11155,11227,11395	Imperial Col. of Trop. Agr., Trinidad.....14639	Insects--Continued..
care.....12026,12028	<u>See also</u> Soils, organic matter.	Implements. <u>See</u> names of implements.	Azores.....12656
Chile.....12033	Husson, R.....12892	Imports. <u>See</u> Trade; and subhead trade under names of products.	beneficial.....12409
diseases.....11997,12001	Hutches. <u>See</u> Rabbits, equipment.	Incarvillea delavayi..10976	collecting and collections.....12383,12666,12672,12716,12769,12900
draft.....11975,11978	Hyacinthus.....10469	Income.....9592,9609,9881,14048	control.....9582,12390
feeding and nutrition...11986	Hyalosticta prope obliqualis.....12808	India.....14049	folklore.....12374
deficiencies.....12015	Hybridization plant.....10809	Indole acetic acid...10520	France.....12378
fertility.....11977	<u>See also</u> names of animals and plants.	Industry and agriculture...14016	habits and behavior.....12377,12386-7
France.....11975,11983,13797	Hydrochloric acid...12850,13628	Argentina.....14096	illustrations.....12377,12616
Great Britain.....13790	Hydrocyanic acid in plants.....10537	Brazil.....13198	Kansas.....12379
Hungary.....13759	insecticides.....12776	Great Britain...9860,14021	nutrition.....12380
India.....12038	Hydrogen-ion-concentration 10566,11155	postwar.....9734	rearing and breeding....12709
injuries.....11999	in plants.....11155	reconversion.....14500	resistant plants....9543
poisoning.....12004	<u>See also</u> under Soils.	rural, India.....9884	<u>See also</u> Aeroplankton; Aquatic insects; Baits and traps, for insects; Forest insects; Gall insects; Household insects; Insecticides; names and classes of insects; anatomical parts; and under specific subjects.
pregnancy.....11988	Hydromel.....13720	<u>See also</u> Agricultural products, utilization, industrial; Nutrition (human), in industry; Wages, in industry.	Inspection. <u>See</u> Plants, quarantine and inspection; and subhead regulation and inspection under other subjects.
purchasing.....12027	Hydroponics. <u>See</u> Soilless culture.	Infants care.....9836	Institut National pour l'Etude Agronomique du Congo Belge.....10824,14634,14696
shows and sales....14712	Hydroxylupanine.....10619	<u>See also</u> Nutrition (human), infants.	Institut Zernovogo Khoziaistva Iŭgo-Vostoka SSSR.....14685
surgery.....11994,12020,12024	Hygiene. <u>See</u> Health.	Inflation.....9952	Institutions food.....14504
training....12026,12031,12034,12038	Hygrophila spinosa...10631	<u>See also</u> Prices.	<u>See also</u> Cookery, large-quantity.
U. S. S. R.....11982	Hylemya antiqua control.....12727	Influenza virus.....11743	Instituto de Investigaciones de la Industria Azucarera Cubana....13936
war use.....12032-3	Hylophilus.....12669	<u>See also</u> Coryza.	Instituto de Investigaciones Económicas Agrícolas (Peru).....14635
<u>See also</u> Anesthesia; Artificial insemination; Blood transfusion; Feeds; Wounds; and names of feeds and of anatomical parts, diseases, and parasites.	Hymenoptera anatomy and physiology..12792	Infrared ray.....10118	Instituto Fitotecnico y Semillero Nacional "La Estanzuela" (Uruguay)....10500
Horseshoeing.....12030	as parasites and predators.....12789	Industrial uses....13530	Instituto Interamericano de Ciencias Agrícolas, Turrialba, Costa Rica....14680
Horticulture.....14716	Belgian Congo.....9975	Injections for horses.....12019	Insulation, houses...13066
Georgia.....10031	Europe.....9972	Insecticidal plants. <u>See</u> Insecticides, plant sources.	Insurance Australia.....14055
New Zealand.....10815	nomenclature.....12796	Insecticides..12401,12444,12447,12771	cooperative.....14054
study and teaching.....10812-13	North Africa.....12785	chemistry.....12408	crop.....9597,14053
<u>See also</u> Flowers; Fruit; Gardens and gardening; Nurseries (plant); Ornamental plants; Vegetables; and names of plants.	parasites and predators of.....9974	oil.....12772	Australia.....14053
Hothouses. <u>See</u> Green-houses.	<u>See also</u> common group names; and names of families and genera.	plant sources.....9582,12389	drought.....14055
House cricket. <u>See</u> Acheta domestica.	Hymenostegia.....10230	synergism.....9579	flax.....9594
House plants...10966,10981	Hyoscine.....10628	toxicity....12417,12435	France.....14050,14054
<u>See also</u> names of plants.	Hyphantidium sericarium...12817	<u>See also</u> Aerosols; Baits and traps, for insects; Dusts and dusting; Sprays and spraying; and names of insecticides.	health.....14050
Housefly. <u>See</u> Musca domestica.	Hypoderma, control....9845	Insectproofing.....12909	wheat.....9596,14051-2
Household insects....12438	Hypoderma bovis.....12720	Insects.....12385	<u>See also</u> Social security; and U. S. Dept. of Agr., Federal Crop Ins. Corp.
control.....9658,12407,12429	Hypomma mallezi n. sp....12566	abnormalities...12608-9	Inter-American Conf. on Agr., 3d, Caracas, 1945..14682
<u>See also</u> names of insects.	Hypothenemus hampei. <u>See</u> Stephanoderes hampei.	and disease..12419,12453	Inter-American relations..14681
Houses. <u>See</u> Buildings; Farmhouses; Housing.	Hypurus bertrandii....12679	as parasites and predators....9785,9974	International agreements and treaties. <u>See</u> Trade, agreements and treaties; and subhead agreements under specific subjects.
Housing bibliographies.....9913	Ice cream flavoring.....13416	as pests....10043,12409,12455	
Canada.....13070	Great Britain.....13355,13384	Africa.....12398	
Germany.....13073	industry.....13339	Argentina.....12425	
Great Britain.....9912,9918	ingredients.....13384	Australia.....12439	
legislation.....13070	manufacture.13426,13432,13445,13451	India.....12443	
<u>See also</u> Buildings; Farmhouses; Town and county planning; and under Poultry and Veterans.	marketing..13400-1,13405	Australia.....9976	
Hovenia dulcis. <u>See</u> Raisintree, Japanese.	nutritive value...14574		
Humates.....11185	postwar.....13339		
Humbertina n. g.....10181	quality.....13410-11		
Humidifiers.....10139,12959	situation and outlook...13354		
Humidity, effect on insects.....12876	statistics.....13454		
	Icerya purchasi.....12773		
	Ichneumonidae.....12796		
	<u>See also</u> names of genera.		
	Igloo Frozen Food Center, Inc. (N. J.).....13244		
	Immunization.....11714		
	<u>See also</u> Vaccines; and under names of diseases.		



Item	Item	Item	Item
International Comm. on Zool. Nomenclature..12713	Irrigation--Continued. mosquito-breeding places.....12745	Ivy. <u>See</u> <i>Hedera</i> . <i>Ixodes canisuga kerguele-</i> <i>nenis</i> n. var.....12559	Jerusalem artichokes-- Continued. utilization.....13548, 13588,13623-4,13650
International relations. <u>See</u> Cooperation; Policies and programs.	Ohio.....11323	<i>Ixodoidea</i> East Africa.....12598	Johnson grass.....9806
Investments war bonds.....14031	Peru.....11343,14022	<u>See also</u> names of families and genera.	Jones, Lewis Ralph...10073
Iodine, therapeutic use... 12001	pump.....12947	<i>Ixophorus unisetus</i> ...10765	<i>Juglans nigra</i> . <u>See</u> Walnut, eastern black.
Ions.....10540	U. S. S. R.....10052, 11253,11310	<i>Ixora</i> .....10223	<i>Juniperus</i> .....10195
Iowa Duroc Breeders Assoc.....14391	water.....11321,11336	<i>Jacarepaguana pectinifer</i> ... 12596	<i>Jute</i> .....14713
Iris.....10867	<u>See also</u> under Pastures; and names of crops.	Jams. <u>See</u> Jellies and jams.	<i>Kalanchoe beharensis</i> .10206
breeding.....10908	<i>Isochaetothrips</i> .....12895	Japanese beetle. <u>See</u> <i>Popillia japonica</i> .	<i>Kalanchoe daigremontiana</i> .. 10525
varieties....10946,10964	<i>Isoetes killipii</i> n. sp.... 10249	Japanese, labor, in U. S.... 14085	<i>Kalanchoe humbertii</i> ..10204
Irish moss.....13995	<i>Isopoda</i> .....12439	Jar rings, rubber....13260	Kale, vitamins.....9665
Iron effect on plants...10567	France.....12583	Jasper County (Ind.) Farm Bur. Coop. Assoc....13791	<i>Keiferia lycopersicella</i> ... 12843
in animal nutrition..... 12345	Ivory Coast.....12569	Jeannel, R.....12689	Kelisia.....12753
Irradiation. <u>See</u> Infrared ray; Ultraviolet ray;	<i>Oniscoidea</i> .....12587	Jeebs...13041-2,13046,13051	Kelp.....13991
X-ray.	parasites and predators of.....9974	Jellies and jams.....9533, 13575,13645,13655	Ky. Agr. Col. Ext. Serv... 9793
Irrigation.....10076,11353	Rio de Oro.....12570	<u>See also</u> Canning and preserving.	Kerosene.....11072
California.....11309	<u>See also</u> names of families and genera.	Jerusalem artichokes..... 13573	Kikuyu grass.....10526
Cuba.....11330	<i>Isoptera</i> , parasites and predators of.....9974	analysis and composition.. 13581	Kissophagus.....12648
El Salvador.....11350	<i>Isopyrum thalictroides</i> ... 10897	as feed.....11671	Koch, Robert.....14666
farm systems.....11328	<i>Ispettorato Compartimen-</i> <i>tale Agrario, Rome</i> ..14019	culture.....10672,10798, 10802,13588	Kohlrabi.....10583
France.....11273	<i>Istituto di Allevamento</i> <i>Vegetale, Bologna</i> ...10502	France.....13554	Kok-saghyz anatomy and physiology.. 10581
India.....9884	<i>Istituto Nazionale Fas-</i> <i>cista della Previdenza</i> <i>Sociale</i> .....14316	sugar plant.....10798, 10802	U. S. S. R.....10068
Italy..11308,11311,11316	Italy. <i>Milizia Forestale</i> .. 11521		Korua n. g.....12599
Mexico...11318-19,11334, 14236			Krusa.....12571
Missouri River Basin.... 11352			Krushchev, G. K.....11998
Montana.....11332			Kudzu.....11277
			Hawaii.....10770
			planting.....10763



	Item		Item		Item		Item
Labeling.....	13218,13220	Lancaster County (Pa.)		Land--Continued.		Legislation	
See also subhead grad-		Tobacco Growers' Coop.		tenure--continued.		Argentina.....	14173
ing and standardization		Assoc.....	13976	Great Britain....	9882,	See also under specific	
under names of commod-		Land.....	9592		14339	subjects.	
ities.		Alabama.....	14249	Scotland.....	9875	Legs, of horses.....	12035
Labidostomidae.....	12574	appraisal.....	9863	history.....	9910	Legumes	
See also names of gen-		Argentina.....	9889	India.....	9884	anatomy and physiology..	
era.		classification		Mexico.....	14027		10459
Labor		Great Britain....	9900	utilization..	10066,11463	culture.....	10002,10674
Brazil.....	14068	clearing.....	9798,	Asia.....	9887	effect on soils....	11272
Canada.....	14084		10098,11550	Great Britain....	9882	fertilizers..	11225,11231
Colombia.....	14081	equipment.....	9798	Middle Atlantic		for pastures.....	10747
costs.....	9798	consolidation of hold-		States.....	14348	inoculation..	11171,11178
economic and social		ings, France....	14262,	New England....	14348	nitrogen fixation..	11408
status.....	14072		14338	values..	9820,14353,14355	pollination.....	12488
foreign.....	14085	economics.....	14212	Idaho.....	9667	seeds.....	9549-50
France.....	14065-6	grants.....	9909	zoning.....	14317	vitamins.....	14571
Great Britain....	9860	Sakhalin.....	14024	See also Assessment;		See also Silage, legume;	
Idaho.....	9668	human relationships.	9865	Ejidos; Farms and farm-		and names of legumes.	
Italian Africa....	14082	inheritance		ing; Reclamation; Rent;		Leguminosae.....	10458
Italy.....	9864,14079	Germany.....	14344	Soils; Tenant-right		Leibunum.....	12571
Latin America....	14017	legislation.....	9637	valuation; Town and		Lend-lease.....	10075
Libya.....	14083	France.....	14262,	country planning; Vet-		Leonian, Leon Hatchig....	14669
management.....	14075		14347,14379	erans, land settle-			
Mexico.....	14027	policies		ment.		Lepidoptera	
migratory.....	9748	France.....	14224,14351	Landscape gardening..	9854,	Argentina.12812-13,12853	
organization.....	14456	Great Britain....	9882,		10814,10819,10870,	as pests.....	12817
postwar.....	9869		14263		10928,10942,10972,	collecting and collec-	
skilled, France....	14402	prices.....	14352,14354		10989,11004	tions.....	12807,12862
South Carolina....	9735	productive capacity....		Nova Scotia.....	10995	color.....	12833,12855
Spain.....	14071		11296	See also 4-H Clubs,		Iran.....	12865
Tropical Africa....	14440	public.....	14249,14641	gardens; Roadside		Ireland.....	12807
Tropics.....	14063	Hungary.....	14267	planting.		North Africa.....	12837
Virginia.....	14086	New Mexico.....	14334	Laprocera (Drouetius)		See also Butterflies;	
Wales.....	9892	purchase and sale..	14354	n. sgen.....	12656	Caterpillars; Moths;	
Washington (State)..	9748	France.....	14351	Larch, European....	11477	and common group names	
work management....	9796,	reform		culture.....	10657	and names of families	
	14088	Mexico.....	14018	Lard.....	13738	and genera.	
See also Efficiency;		Poland.....	9862	statistics.....	9624	Leptinotarsa decemline-	
Housing; Wages; and		Venezuela..	14221,14231	Larix decidua. See Larch,		ata.....	12436
under Women, and names		settlement and coloni-		European.		control.....	12627
of industries and prod-		zation.....	14317,	Larvicides.....	12732-3	France.....	12623
ucts.			14319,14328	Laryngotracheitis		Switzerland.....	12678
Labor-saving devices. See		Africa.....	14294,14326	in poultry.....	12118	Lespedeza	
Electricity, on the		Alaska.....	14346	Laserwort.....	13997	as feed.....	9842
farm; Equipment, labor-		Algeria.....	14297	Late blight		culture.....	9842
saving.		Asia.....	9887	of potato...10336,10359,		Lespedeza, Chinese....	9653
Laboratoire Intersyndical		Belgian Congo....	14305,		10367,10376	Lespedeza, Korean....	9675
de Conditionnement des			14315	of tomato...10351,10376		Lethane.....	12582
Cotons, Le Havre....	9947	Bolivia.....	14699	Lauraceae.....	10169	Lethbridge (Alberta) Co-	
Laboratories.....	11120	Canada.....	14303,14306	Lavender		op. Packers Ltd....	13825
Laboulbenia.....	10288	Eritrea.....	14314	culture.....	10516,10829	Lettuce, anatomy and	
Laboulbenia heimi n. sp...		France.....	14310	Laws...10891,10918,10952		physiology.....	10584
	10287	Gulf of Guinea...14322		See also Grasses.		Leucadendron, silver..	12683
Laboulbenia villiersi n.		history.....	14318	Leaf curl		Leucania zaeae.....	12817
sp.....	10286	Italian Africa..	14030,	of peach....10349,10364		Leucocytes.....	11998
Laboulbeniaceae.....	10286		14292,14299,14302,	Leaf mold.....	11446	Leucotermes lucifugus....	
Lactation. See under names			14307,14324	Leaf roll			12893
of animals.		Italian East Africa...		of potatoes.....	10524	Leukemia. See Leukosis.	
Lactic acid.....	13374		14014,14304,14308,	Leaf scald		Leukosis	
Lactobacillus.....	13636		14312-13	of sugarcane.....	10383	in cattle.....	11896
Lagarosiphon crispus..	10460	Italy.....	14230,14291,	Leafhoppers.....	12788	in dogs.....	11964
Lamarck, Jean Baptiste....			14300	See also names of gen-		Levulose.....	13954
	10062	Libya...14083,14295-6,		era.		Ley farming.....	11834
Lamb (meat)			14301,14313,14320-1,	League of Nations....	9938	Lice	
régulation and inspec-			14323,14327,14329-30	Leases.....	14336,14341	on cattle.....	12456
tion.....	9651	Morocco.....	14331-2	France.....	14347	on man.....	12908
statistics.....	9624	Palestine..14293,14427		Leather		See also names of fam-	
Lambs		Sakhalin.....	14024	analysis and composi-		ilies and genera.	
Canada.....	13780	Timor.....	14311	tion.....	13772	Lichens	
care.....	12290	Tripolitania....	14316	byproducts, as feed		Guadeloupe.....	10280
prices.....	9616	Venezuela.....	14026	for poultry.....	12076	New Mexico.....	10032
statistics.....	9624	subdivision, India..	9884	See also Hides and		See also names of fam-	
trade.....	14479	taxation		skins; Tanning.		ilies and genera.	
Union of South Africa...		Denmark.....	14062	Leavenworthia.....	10439	Light	
	13832	Great Britain....	14062	Leaves.....	10441,10454	effect on	
Lameness		tenure.....	9857	anatomy and physiology..		nitrogen fixation.....	
in horses....12017,12024		Argentina..14342,14345			10440,10479-80,		11409-10
Lamington Natl. Park,		Austria.....	14335		10493,10598	plants....10372,10522,	
Queensland.....	10180	Bechuanaland Pro-		biochemistry.....	10622	10533,10562,10892	
Lamps.....	13132	torate.....	9890	See also Foliar diag-		poultry....12091,12161	
bactericidal. See Bac-		Colombia.....	14337	nosis.		trees.....	10655
tericidal lamps.				Lecithin.....	13993		



- Light--Continued.**  
See also Photoperiodism in plants.  
 Lighting.....13136,13140  
See also Lamps.  
 Lightning rods.....12930  
 Ligidium.....12561  
 Lignin.....11560  
 Lignite.....11138  
 Lignumvitae.....11509  
 Liliun longiflorum. See Lily, Easter.  
 Lily.....10910  
   culture.....10984  
   diseases.....10397  
 Lily, Easter.....10911  
 Lima bean pod borer. See Etiella zinckenella.  
 Lime.....9626,11435,12128  
   fungicides.....10331  
   in soil improvement.....11127,11134,11168,11261,11426,11433-4  
   in soils.....11145  
   See also Calcium.  
 Limestone.....9725,11434  
 Limnobia bagotense.....10457  
 Limonia.....12693  
 Linaloe oil.....13869  
 Lincoln (Nebr.) Community Canning Center.....13251  
 Liparetrinae.....12633  
 Liqueurs.....13323  
 Liriodendron tulipifera. See Tuliptree.  
 Lisper.....12716  
 Listeria.....12787  
 Lithocarpus.....10182,10446  
 Lithophilus.....12666  
 Little fire ant. See Wasmannia auropunctata.  
 Little leaf of fruit.....10606  
 Liver  
   nutritive value.....14597  
   of animals.....11652  
   See also Fish-liver oil; Telang livers.  
 Liver fluke in cattle.....11851  
 Liverworts. See Hepaticae.  
 Livestock  
   Africa.....13831  
   anomalies.....11694  
   Argentina.....11769,13769  
   Belgian Congo.....13829  
   Bolivia.....14699  
   breeds and breeding.....11633,11637-8,11641  
   bibliographies.....11633  
   Canada.....11640  
   costs and returns.....14048,14281  
   diseases.....9956-7,9960,11709,11714,11745,11748  
   farms and ranches.....9772,11757,11760,11762  
   feeding and nutrition.....11657,11666,11672,11675,11679  
   bibliographies.....11643,11690  
   deficiencies.....11647  
   seasonal.....11646,11651  
   use of substitutes.....11667  
   fertility.....11635  
   France.....13691,13740,13760,14172  
   French Colonies.....13761  
   Great Britain.....13830,14151  
   Hawaii.....9772
- Livestock--Continued.**  
 heredity.....9962,11634,11639,11643,11694  
 history.....11769  
 housing.....13109  
 Hungary.....13909  
 Italy.....13757,13783,13804  
 judging.....11754,11761  
 legislation.....11770  
 marketing.....13784,13791  
 Mexico.....14236  
   parasites.....9785,11731,12708  
   poisoning.....11706,11717  
   prices, control.....13813  
   programs.....13740  
   regulation and inspection.....11755,11758,11770  
   situation and outlook.....9787,9853,13731  
   statistics.....13830  
   subsidies.....13813  
   transportation.....13783  
   Tropics.....10043  
   Uruguay.....14281  
   Wyoming.....11767  
See also Artificial insemination; Feed; Poisonous plants, to livestock; Slaughter- ing; Stockyards; Veter- inary medicine; names of animals; and names of feeds and of ana- tomical parts, dis- eases, parasites, and products.  
 Living conditions. See Cost and standard of living.  
 Lloyd-Cornell Reserva- tion.....12386  
 Loaders.....13008,13011  
 Lobelioideae.....10011  
 Locker plants.....9591,9815,13255  
   See also Freezing of food; Refrigeration.  
 Locust, black.....11195,11503  
 Locusts (Orthoptera). See Grasshoppers and locusts.  
 Loesenera gabonensis.....10230  
 Logging.....11549  
   equipment.....11547-8  
 Logs, transportation.....11542,11552  
 Lolium. See Ryegrass.  
 Lonchocarpus.....12420  
 Lonicera nitida.....12816  
 Lopes, Ildefonso Simoes...14658  
 Lophosoria quadriplinnata..10248  
 Louisa County (Va.) Citi- zens' Council.....14438  
 Lucerne. See Alfalfa.  
 Lucilia South Africa.....12721  
 Lumber  
   Alabama.....11543  
   grading and standardiza- tion.....11551  
   industry.....11554-5  
   seasoning.....10375,11568  
   situation and outlook.....11462,11544  
   See also Sawmills; Tim- ber; Wood; and tree and lumber names.  
 Lumbering equipment.....11546  
See also Logging; Saw- mills.
- Lunches.....9830**  
 school.....9639-40,9642,9988,14508,14528  
 Lung worms. See Dictyocau- lus filaria; Muellerius capillaris.  
 Lupine, France.....13999  
 Lupinus hilarianus.....10619  
 Lycopersicon.....10627  
 Lycopodiales.....10095,10456  
 Lycopodium paniculatum....10248  
 Lycoris squamigera.....10865  
 Lygaeonematus pini. See Pristiphora abietina.  
 Lygidea mendax.....12757  
 Lygus.....9658  
 Lymantia reducta.....12439  
 Lymphocytoma in dogs.....11060  
 Lysimetry.....10047  
 McArthur, E. C.....11360  
 Machinery. See Equipment; and kinds of equipment.  
 Macquartia.....12723  
 Macradenia tridentata.....10238  
 Macrocerag agadirensis.....12785  
 Macrochelifer n. g.....12603  
 Macroglossum.....12818  
 Macrolobium.....10227  
 Macrosiphum pisi.....12758  
 Macrosteles divisa.....12436  
 Madiinae.....10453  
 Madura City (India) Co-op. Milk Supply Union.....13393  
 Magnesium  
   effect on plants.....10605  
   fertilizers.....11286  
   in plants.....10617  
   in soils.....11147-8  
   in water.....11139  
 Magnesium sulfate.....12127  
 Magnolia sargentiana.....10862  
 Magnoliaceae.....10187  
 Maize. See Corn.  
 Majorana hortensis.....10454  
 Malaria  
   Africa.....14294  
   Kenya.....12737  
   Mississippi.....14013  
   transmission.....12729  
 Malnutrition. See subheads under Nutrition (human).  
 Maltose.....13930  
 Maltypus.....12691  
 Malvaceae.....10493  
 Mammillaria.....10217  
 Mammitis. See Mastitis.  
 Mange, on dogs.....12565  
 Mangels  
   poisonous plant.....11890  
 Manilkara.....12384  
 Manitoba Co-op. Honey Producers.....13718  
 Manitoba Expt. Farm, Morden.....14692  
 Manure loaders.....9825  
 Manures.....9688,9719,9745,11447-50  
   analysis and composi- tion.....11445  
   application.....11453  
   effect on plants.....11226  
   gas.....13038  
   liquid.....11440,11453  
   poultry.....11451  
   utilization.....11426  
See also Green manure.  
 Maps and mapping. See under specific subjects.
- Marchantia polymorpha.....10604**  
 Margarine.....13403  
 vitamins.....14581  
 Marihuana.....9951  
 Markets and marketing agreements.....9945  
 Argentina.....13210  
 Canada.....13215  
 cooperative.....13208,13216  
 Ethiopia.....13212  
 Europe.....14134  
 Great Britain.....13209  
 India.....9884,9932  
 regulation and inspec- tion.....14134  
See also under names of commodities.  
 Marmalade. See Jellies and jams.  
 Marshes.....11344  
 Marumba.....12818  
 Mass. State Col. Ext. Serv., publications.....9797  
 Mastitis  
   in cattle.....11876  
   control.....11860,11871  
   therapy.....11855,11858,11870,11872,11879,11882  
   in goats, India.....12256  
   in sheep, India.....12256  
   See also Streptococcus agalactiae.  
 Mastixiodendron.....10223  
 Mathiola.....10513  
 Mayo, Nelson S.....11730  
 Meadows. See Pastures.  
 Meal.....14538  
   See also kinds of meal.  
 Meal planning. See Cook- ery, meal planning.  
 Meat  
   analysis and composi- tion.....13774  
   Argentina.....13812  
   Australia.....13787,13814  
   bacteria.....13826  
   canned.....13826  
   cooking.....9829  
   curing.....13821  
   dried.....12640  
   drying.....9831  
   Europe.....13771  
   France.....13794-7,13823  
   freezing.....13817,13823  
   French Colonies.....13175  
   Great Britain.....13788  
   Italy.....13779,13786,13804  
   Madagascar.....13761  
   marketing.....13788,13798,13800-1  
   Middle East.....13811  
   packing industry.....13834  
   Canada.....13825  
   postwar.....13737  
   products.....13774  
   quality.....9562  
   rationing.....13814  
   regulation and inspec- tion.....11695,13750,13781,13802,13806-7,13810-11  
   situation and outlook.....9547,9643,9721,9787,9853,9950,13731,13736,13741,13743,13802  
   substitutes.....9829  
   Venezuela.....13749  
   See also kinds of meat.  
 Mechanics  
   study and teaching.....12950,12958,12977



- Mechanics--Continued.**  
See also Shops, farm; and subhead maintenance and repair under Equipment and names of machines and vehicles.  
 Mechanization.....12945  
 Cuba.....11330  
 France.....12944  
 Mecodema allani n. sp.....12626  
 Mecynome.....12689  
 Medic, black.....9781  
 Medical entomology. See Insects, and disease.  
 Medical service. See Health.  
 Medicine, tropical. See Diseases, tropical.  
 Megachile.....12785  
 Megasis.....12837  
 Meigen, J. W.....12713  
 Meioneta beata.....12568  
 Melanism, in insects.....12833  
 Melanoplus differentialis.....12879  
 Melecta thoracica....12797  
 Melica.....10183  
 Melilotus indica. See Sweetclover.  
 Meliponidae.....12803  
See also names of genera.  
 Melittis melissophyllum...10896  
 Melosoma lapponicum..12654  
 Menesia bipunctata..12638, 12672  
 Menthus.....12578  
 Mercado de Algodón, Buenos Aires.....13514  
 Mercuric phosphate...10300  
 Metabolism.....14603  
See also under Plants; and names of animals.  
 Metals, in food.....13195  
 Meteorology.....9682  
See also Climate and weather.  
 Methoxone.....11054  
 Methyl bromide.....11392  
 Methyl salicylate....12461  
 Methylene blue..13191,13377  
 Metopilio.....12571  
 Mexican bean beetle. See Epilachna varivestis.  
 Mexican fruitfly. See Anastrepha ludens.  
 Mice.....9686  
 Mich. Agr. Expt. Sta..9690  
 Mich. State Col.....14382  
 Microbiology. See Microorganisms; Soils, microbiology.  
 Microcreagris caeca..12606  
 Microlepidoptera....12859  
See also names of families and genera.  
 Microorganisms.....14636  
See also Soils, microbiology; and names and classes of organisms.  
 Microvelia adrienneae n. sp.....12774  
 Migas.....12599  
 Migration. See Labor, migratory; Land, settlement and colonization; and under Population.  
 Mildew. See Downy mildew; Powdery mildew.  
 Milk adulteration.....13437
- Milk--Continued.**  
 analysis and composition.....13358-9,13361, 13370,13372-3, 13375,13382  
 Argentine...13417,13424, 14280  
 bacteria....13381,13383, 13386-7,13391, 13415,13428  
 tests.....13360,13362, 13365,13377, 13385,13420  
 care and handling..13430, 13434,13750  
 certified.....13404  
 chocolate.....9570  
 condensed and evaporated analysis and composition.....13370 nutritive value..14572  
 containers....9641,13423  
 costs and returns..9670, 13417,14279-80  
 Cuba.....13346  
 dried.....9571  
 analysis and composition.....13374,13376  
 bacteria.....13191  
 industry.....13441  
 postwar.....13438  
 situation and outlook..13340  
 Eire.....13399  
 fat.....13366,13389  
 tests.....13372,13380  
 fermented....13390,13427  
 Germany.....13406  
 grading and standardization.....13420  
 Great Britain....13332, 13391,13395,13409  
 homogenized.....13444  
 Hungary.....13764  
 India.....13393,13437  
 keeping quality...13408, 13421  
 marketing.....13397-8, 13402,13404  
 nutritive value...9983, 14512  
 pasteurization....13425  
 pasteurized..13433,13449  
 processed....13429,13443  
 programs.....9808,13407  
 quality.....13358,13407, 13409,13417  
 regulation and inspection.....9651,13406, 13414-15  
 solids-not-fat....13370  
 Switzerland.....13366  
 Union of South Africa...13350
- Milk, goats nutritive value...14554, 14599
- Milk fever in cattle.....11859  
 in goats.....12273,12275
- Milk plants. See Creameries.
- Milk serum. See Whey.
- Milking.....9791,11924, 11931,11938,11944  
 Milking barns.....9749  
 Milkweed.....11095  
 Mills and milling...13021, 13031,13696,13710  
 fire prevention...12937  
See also Sawmills; and under names of products
- Mimosaceae, oil**.....13848
- Mineral salts, effect on plants**.....10542,10560
- Minerals**  
 effect on plants...10545  
 in animal nutrition....11647,11676, 11678,11835  
 in milk.....13359,13370  
 in plants...10514,10588, 10593,10616,10634  
 in soils.....11126  
See also Minor elements; and names of minerals.
- Mining. See Spoil banks.**  
 Minn. Univ. Div. of Soils.....9802
- Minor elements**  
 effect on plants...11430  
 in soils.....11140,11412  
See also names of minor elements.
- Minthodes.....12723
- Mirabilis jalapa....10454, 10520
- Mission G. F. Witte (1933-35).....9975
- Mission P. Lepesme, R. Paulian, A. Villiers, 1939.....12630
- Miss. State Col. Ext. Serv.....9803
- Mo. Agr. Expt. Sta. publications.....9695
- Misumena.....12597
- Misumenoides.....12597
- Mites.....12572  
See also names of families and genera.
- Mitosis, plant...10469-70
- Mniaecia jungermanniae...10448
- Mohair.....13493,13500
- Molasses**  
 analysis and composition.....13186  
 as feed.....11667  
 in animal nutrition,9669
- Molds. See Mildew; names of molds and classes of molds; and under names of products.**
- Mollusca.....12261
- Molophilus.....12693
- Momordica charantia..10932
- Monilia on pear.....10344  
 on plum.....10344
- Monocytosis, avian. See Fullet disease.
- Monopetalanthus.....10228
- Montabunus n. g.....12571
- Montgomery County (Md.) Farm Women's Coop. Market.....13216
- Moraceae.....10233
- Mordellistena.....12669
- Morinda.....10223
- Morphia.....11957
- Mortgages. See Credit, mortgage.**
- Mosaic**  
 of bean.....10392  
 of potato.....10390  
 of tobacco.....10071  
 of wheat.....10389
- Mosquitoes**  
 and disease.....12729, 12748-9  
 breeding places...12745  
 control....12427,12734, 12739-40
- Mosquitoes--Continued.**  
 control--continued. engineering methods...11350,12731  
 larvae.....12744  
See also Culicidae; and names of genera.  
 Mosses. See Musci.  
 Mothproofing. See Insectproofing.  
 Moths  
 Belgian Congo.....9975  
See also names of families and genera.  
 Motion pictures.....11748  
See also Films.
- Motors**  
 electric....13036,13054  
See also Engines.
- Mouth.....14546
- Mowing, equipment....9774
- Muck soils.....11278
- Muellerius capillaris....12264
- Mulberry.....10851,11098
- Mulching.....9638,11261, 11301,11306
- Mules, war use.....12036
- Mules' operation. See Sheep, mules' operation.
- Mulsant, E.....12383
- Murataspis n. g.....12752
- Musa ensete. See Banana, Abyssinian.  
 Musa textilis. See Abaca.
- Musca domestica control...12703-4,12710, 12715  
 parasites and predators of.....12375
- Musca planiceps.....12717
- Musci**  
 Africa.....10269  
 Basque Region....10261  
 Belgian Congo.....10032  
 Cape Verde Islands..10268  
 France.....10264  
See also names of genera.  
 Mushrooms.....11049  
 culture.....10014,11024  
 France.....13603  
 Italy.....11015,11017
- Mustard, analysis and composition**.....13296
- Mutton**.....11954,13766
- Australia.....13726  
 statistics.....9624
- Mycobacterium tuberculosis**.....13391
- Mycobacterium tuberculosis bovis**.....11898
- Mycology. See Fungi.**
- Mycorrhiza**.....10615
- Mydidae**  
 Chile.....12726  
See also names of genera.
- Myiasis.....12720,12728
- Mymecozela.....12837
- Myoporum laetum.....12260
- Myosotis.....10189
- Myristica.....10633
- Myrmica schenki.....12798
- Myxomatosis, infectious...12226
- Nanorchestes pulvinar**  
 n. sp.....12573
- Narcissus.....11007
- Narraga.....12830
- National Farmers Union (Great Britain)**.....14272



- Item**
- National forests. See  
Forests, national; and  
names of forests.
- National parks. See Parks;  
and names of parks.
- National Tax Equality  
Assoc.....14059
- National Turkey Fed..12195
- National Turkey Impr.  
Plan.....12195
- Natural history  
Oklahoma.....10069
- Natural resources.....9857,  
10076
- See also Conservation  
of natural resources.
- Nature, balance of...12385
- Naucoria cuspidata...10290
- Naval stores.....11587
- Mexico.....11586
- situation and outlook...  
11584
- See also names of prod-  
ucts.
- Nebr. Agr. Expt. Sta..9696
- Necrobia rufipes.....12640
- Nectandra membranacea.....  
10237
- Needlegrass, esparto.10005
- Negroes, economic and  
social status.....14389
- Neighborhoods. See Com-  
munities.
- Nelumbium nelumbo....10913
- Nemastomaceae.....10273
- Nematodes  
in cattle.....11852  
in goats.....12261  
in sheep.....11852,12261  
in soils.....11392
- See also names of nema-  
todes; nematode dis-  
eases and animals, in-  
sects, and plants af-  
fected.
- Nematus abietinus. See  
Pristiphora abietina.
- Nembutal. See Pentobar-  
bital sodium.
- Neocantiatea.....12586
- Neocarsphenamine.....11967
- Neobourquinia bifasciata..  
12809
- Neoplasms. See Tumors.
- Neoprontosil. See Pron-  
tosil soluble.
- Nephopteryx.....12837
- Nerves, of livestock.11746
- Neurospora.....10625
- N. J. Agr. Expt. Sta..9714
- N. Mex. Agr. Col. Ext.  
Serv.....14069
- New York Cotton Exch.....  
13483,13485
- Neyraud, Edmond.....14657
- Niacin  
in food.....14585  
in fruit.....14573  
in meat.....14607  
in plants.....14604  
in vegetables.....14571
- See also Vitamin B.
- Nicotiana.....10614
- See also Tobacco.
- Nicotiana virus 1....10394
- Nicotinic acid. See  
Niacin.
- Niger seed.....10785
- Nigrospora oryzae  
on corn.....10371
- Nitrates  
fertilizers.....11399
- Item**
- Nitrogen.....13520
- effect on plants..10533,  
10567,11232,11287,  
11289
- fertilizers.10045,11225,  
11240-1,11276,11285,  
11288,11407,11421-2
- fixation.....11170-1,  
11181,11409-10
- in plants.....10601,10624
- in soils.....11150,11166,  
11408
- industrial prepara-  
tion.....11415
- Nolan, Thomas J.....14642
- Northern house mosquito.  
See Culex pipiens.
- Noterus.....12631
- Notolophus antiqua...12846
- Novarsenobillon. See  
Neocarsphenamine.
- Nuphar.....10898
- Nurseries (plant)  
postwar.....14006
- stock.....10822
- Nutgrass. See Flatsedge,  
nutgrass.
- Nutrient solutions for  
plants.....10518,10924
- See also Soilless cul-  
ture.
- Nutrition (animal). See  
Soils, nutrition rela-  
tionships; subhead feed-  
ing and nutrition under  
Livestock, Poultry, and  
names of animals; and  
subheads as feed and in  
animal nutrition under  
names of plants and  
products.
- Nutrition (human)....9979,  
9982-3,14514-16,14525,  
14529,14532-3,14540,  
14542-3,14550
- and disease.....14534
- and health.....14600
- and teeth.....14505,14517
- armed forces.....14522-3
- Brazil.....14535
- Canada.....14518,14531
- children.....9981,14526,  
14545
- deficiencies.....14520,  
14546,14559
- diet.....14511,14519,  
14530,14539,14553
- family.....9609
- Germany.....9981
- Greece.....9934
- in industry.....9979
- in old age.....14512
- in pregnancy.....14506
- India.....14568
- infants.....14510
- Italy.....14524,14545
- Latin America.....14552
- Libya.....14509
- Panama.....14548
- programs.....9572,9938
- research.....14556
- standards and tables...  
14507
- study and teaching.9977,  
14508,14513
- surveys.....14518
- youth.....9979
- See also Breakfast;  
Cookery; Food; Insti-  
tutions; food; Lunches;  
Metabolism; Soils, nu-  
trition relationships;  
Vitamins; and names of  
foods and food elements.
- Item**
- Nutrition (insect). See  
Insects, nutrition.
- Nutrition (plant). See  
Growth substances for  
plants; Nutrient solu-  
tions for plants; Plants,  
nutrition; subheads ef-  
fect on plants and in  
plants under Minerals and  
Soils; and names of  
plants and plant nutri-  
ents.
- Nuts  
analysis and composi-  
tion.....13580
- Peru.....10821
- products.....13580
- situation and outlook...  
13561
- varieties.....10859
- See also names of nuts.
- Nycteribosca frangle-  
monti n. sp.....12706
- Nymphaea.....10646,10898
- Oak.....10407
- culture.....10655-6
- See also Quercus.
- Oak, cork.....11507
- Oak, holly.....10399
- Oak, live  
culture.....11505
- Oases.....14159,14630
- Oats.....13689
- anatomy and physiology..  
10597
- diseases  
resistance.....10358
- fertilizers.....11252
- France.....10015
- Italian East Africa.....  
10680
- Italy.....10694
- nutritive value...11681
- Oats, wild.....11073
- Oberea canadensis n. sp...  
12628
- Obereopsis.....12686
- Obstetrics. See subhead  
parturition under names  
of animals.
- Occupations. See Women,  
occupations; and sub-  
head as an occupation  
under specific subjects.
- Ochroma lagopus. See  
Balsa.
- Ocotea.....10169
- Ocotea acutifolia....10237
- Odonata.....12375
- See also names of fam-  
ilies and genera.
- Oecia oecophila.....12836
- Oeciaceus vicarius...12759
- Oedema. See Edema.
- Oestrus. See subhead  
estrus under names of  
animals.
- Oestrus ovis.....12694
- Office du Niger, French  
West Africa.....9947
- Office management.....9567
- Ohio State Gladiolus  
Soc.....10904
- Ohio State Univ.....13612
- Oil plants.....10782,10784
- Europe.....10019
- France.....13862
- Hungary.....13172
- Italy.....10789-90
- Latin America.....11096,  
11102
- Item**
- Oil plants--Continued.  
See also names of oil  
plants.
- Oils and fats  
analysis and composi-  
tion.....13845,13855,  
13866,13874
- animal.....13729,13775-6
- Europe.13771,13776,13842
- France.....13836,13854,  
13857,13865
- India.....13841
- industry.....13836
- Italian Africa....13859
- Latin America.....11102
- Puerto Rico.....13864
- salvage.....13776
- statistics.....13842
- substitutes.....13160
- utilization.....13822
- vegetable.....13841
- See also Essential oils;  
and names of oils and  
fats.
- Oilseeds  
history.....13853
- Italian East Africa.....  
13843
- See also names of oil-  
seeds.
- Oka. Institut.....14632
- Okla. Agr. and Mech.  
Col. Res. Found.....14690
- Okla. Agr. Expt. Sta.  
Bixby Veg. Res. Sta.9730
- Okra.....14582
- Olea europaea.....10221
- Oleander  
poisonous plant...11716
- Oleomargarine. See Mar-  
garine.
- Olive fruitfly. See Dacus  
oleae.
- Olives  
Argentina.....10835
- byproducts, as feed  
for swine.....12315
- culture.....10829
- Italy.....10826
- pests.....12714,12791
- propagation.....10828
- varieties.....10834
- Omanica coleoptata...12775
- Omasus melanarius...12608
- Onion thrips. See Thrips  
tabaci.
- Onions  
anatomy and physiology..  
10551,10611,13577
- biochemistry.....10612
- culture.....9680,11012
- heredity.....10508
- pests.....9658,12727,  
12778,12894
- Oniscoidea. See Isopoda,  
Oniscoidea.
- Onocleopsis.....10259
- Onograceae.....10025
- Ophiostoma. See Ceratosto-  
mella.
- Opiliones. See Phalangida.
- Opisthoplatys tonkinensis  
n. sp.....12779
- Opium.....14002
- Opuntia. See Prickly pear.
- Oranges  
anatomy and physiology..  
10519
- diseases.....10304,10519
- juice, frozen.....13611
- nutritive value...14551
- Portugal.....14483
- trade.....14483



Item	Item	Item	Item
Oranges--Continued.	P. P. Flea Beetle	Parity. See under Prices.	Pears--Continued.
utilization.....13591	Dust.....12657	Parks	drying.....9757
Orchard management...12841	Pachnoda rattorum n. sp...12659	Argentina.....10888	packing.....9758
Orchardgrass.....12820	Pachybolus laminatus..12607	See also names of parks.	pests.....9658
Orchards. See Cover crops,	Pachycerina pulchra..12695	Parsnip, wild..11067,11074	preharvest drop....10558
orchard; Fruit.	Pachychitra.....12578	Part-time farming....14238	pruning.....10838
Orchid	Pachyolpium.....12578	Parturition. See Caesarean	refrigeration.....13569
anatomy and physiology..10570	Pachyonyx.....12660	section; and under names	varieties.....10042
culture.....10864,10869,	Pachyraerus etcheberi	of animals.	Peas
10934,10944,10959	n. sp.....12661	Fasqueflower. See Anemone.	analysis and composi-
varieties.....10951	Pachytychius.....12666	Pasteurella pseudotuber-	tion.....13576
See also names of	Packaging.....13614	culosis, in goats...12268	anatomy and physiology..10490
orchids.	See also Containers;	Pasteurization. See under	Canada.....13562
Orchidaceae	and under names of	Milk.	canned.....13576,14557
Australia.....10210,	commodities.	Pastinaca sativa. See	culture.....9827
10235,10240	Painting.....13145	Parsnip, wild.	diseases.....10353,10360
Indochina.....10203	Paleobotany...10083,10085,	Pastinaca silvestris. See	dried.....9639
Venezuela.....10933	10092,10095-7,	Parsnip, wild.	equipment.....13020
Orectogyrus.....12630	10119-21,10142	Pastinaca urens.....11060	field.....10752
Organizations.....10061	pollen analysis...10412	Pastures.....11691	harvesting.....13020
Argentina....14451,14461	Palermo. Giardino	and animal nutrition...11652	pests.....9658,12758
Colombia.....14443-4	Coloniale.....10086	Australia.....10741	seed.....13576
Union of South Africa...14467	Palermo. Inst.	Canada.....11844	varieties.....11014
See also Clubs; Coopera-	Botanico.....10086	fertilizers..9725,11242,	Feat.....10412,11138,11156
tive organizations;	Palermo. R. Orto	11246-7,11256,	in soil improvement.....11439
names of organizations;	Botanico.....10086	11285,11451	Peat soils...10264,11132,
and subhead associa-	Palm	infested.....12257	11337
tions under specific	pests.....12658	irrigated...10741,11340	Pecans, harvesting...12993
subjects.	See also names of	Italy.....12254	Pectinophora gossypiella
Oria musculosa.....12832	palms.	management...9704,10017,	control.....9575,12850
Oribatidae.....12575	Palm oil.....10043	10739,10749,10756,	Nigeria.....12824
See also names of gen-	Palmaceae.....10025	11293,11760	Pediculosis. See Lice,
era.	Palmetto.....10983	seasonal.....10762	on man.
Oriental cockroach. See	Paltodora.....12837	planting.....10772	Pediculus humanus...12907
Blatta orientalis.	Panacra.....12818	Spain.....11687	Pediculus humanus
Oriental fruit moth. See	Panicum.....10743	See also Forage plants;	corporis.....12909-10
Grapholitha molesta.	Pantomorus godmani...9658	Grasses; Grazing; Ley	and disease.....12911
Ormosia.....12693	Pantothenic acid. See	farming; Ranges; and	Pelocherops.....12671
Ornamental plants...10950	Vitamin B.	subhead feeding and	Pelor pécouidi n. sp..12621
annuals.....10915,10973,	Papaver somniferum. See	nutrition, pasture	Pemphigus betae.....12777
10987,10999	Poppy, opium.	and range under Poul-	Penicillin.....10384
biennials.....10905	Papayas.....10827	try and names of	effect on plant dis-
color and fragrance....11003	Paper. See Pulp and paper.	animals.	ease.....10385
Pyrenees.....10916	Paper-mulberry.....11511	Patella, of horses...12024	Penicillium.....10615
varieties.....10811,	Paperboard	Pathology.....14556	Penicillium notatum..10289,
10903,10990	physical properties....11597	forest. See Trees, dis-	10647
See also Flowers;	See also Containers,	plant. See Phytopathol-	Penitricinic acid.....10647
Shrubs; Trees; and	paper and paperboard.	ogy; Plants, diseases.	Pennisetum clandestinum.
names of plants.	Papilio mylotes.....12864	Paulownia.....10527	See Kikuyu grass.
Ornithodoros crossi..12592	Papilionidae.....12848	Pauropoda.....12590	Fa. Agr. Expt. Sta....9733
Orthesia urticae.....12763	See also names of genera	See also names of fam-	Fa. Forestry Assoc.
Orthoptera	Paragonyleptes antiquus...12596	ilies and genera.	Woody Plant Pest
anatomy and physiology..12871	Paraleirides bickardti....12641	Pea aphid. See Macro-	Council.....12433
Belgian Congo.....9975	Paralysis, in sheep..12269	siphum pisi.	Penthesilea ranunculi....12700
color.....12870,12885	Paranelima.....12571	Peaches	Pentobarbital sodium..11957
North Africa.....12872	Paranomada californica	anatomy and physiology..10497	Peppers.....10043
See also Grasshoppers	n. sp.....12797	diseases...10349,10364,	Perennials. See under
and locusts; and names	Parasites.....12424	10387	Ornamental plants.
of families and genera.	Bulgaria.....11737	freezing.....13621	Periodicals, botanical
Osmunda.....10473	See also names of para-	pests.....12826	bibliographies....10103
See also Cinnamon fern.	sites; and under names	preservation.....9540	Periscyphops chopardi
Osteoma	of hosts.	propagation..10837,10843	n. sp.....12569
in livestock.....11718	Paratetranychus pilosus...9973	pruning.....10840	Perishable Agr. Commod.
Osteomyelitis	Paratrachobius anduzei	varieties.....10041	Act, 1930.....9618
diagnosis.....11718	n. sp.....12706	See also Prunus.	Peritmetus.....12637,12660
Osteoporosis	Paratrioza cockerelli..9751	Peanut meal.....13839	Fernambuco (State).
in horses.....12010	Paratyphoid	Peanut oil...9651,13852,	Serviço de Fomento..14618
Otitis.....11708	in calves.....12274	13867	Persea.....10169
Outlook, agricultural. See	See also Salmonellosis.	Peanuts	Pest control...12435,14630
Agriculture, situation	Paraxyleborus n. g...12635	culture.....10788	See also Insects, as
and outlook.	Perc National Albert,	pests.....12442	pests; Plants, pests;
Oxalis carnosa.....10971	Belgian Congo.....9975	situation and outlook...13561	under U. S. Army; and
Oxycara.....12666	Perc Zoologique du Bois	utilization.....13876	names of pests.
Oxycara chudeauli n. sp...12668	de Vincennes.....12440	Pear bud mite. See	pH. See Hydrogen-ion
Oxygen	Paria canella.....9658	Eriophyes pyri.	concentration; Soils,
in plants...10100,10562	Paris. Muséum National	Pear thrips. See Taenio-	hydrogen-ion concentra-
Oysters.....14001	d'Eistoire Naturelle....12383	thrips inconsequens.	tion.
		Pears	Phalangida.....12556
		diseases.....10344,10363	Mexico.....12571



- Phalangida--Continued.**  
See also names of families and genera.  
 Phalonia.....12837  
 Phanoptera.....12871  
 Phenoform.....10117  
 Phenothiazine  
   tests.....11696  
   therapeutic use...11995,  
     12270  
 Philygriola semialata.....  
     12695  
 Phloem.....10523  
 Phloem necrosis  
   of elm.....10396  
 Phlox, varieties.....10997  
 Phoebe.....10169  
 Phoebe porphyria.....10237  
 Phosphatase.....13361  
 Phosphate rock, 11411, 11419  
 Phosphates  
   effect on plants..11189,  
     11289  
   fertilizers.....9725,  
     11229, 11236, 11243,  
     11245, 11263  
   France.....11425  
   in soils.....11149  
 Phosphorescence  
   in plants.....10636  
 Phosphoric acid  
   in soils...11136, 11142,  
     11144  
 Phosphorus.....12874  
   effect on plants...10515  
   in animal nutrition....  
     11654  
   in soils...11135, 11141,  
     11158, 11168, 11184  
 Photographs.....10076  
 Photography  
   insects.....12376, 12381  
   livestock...11759, 11763,  
     11768, 12283  
 Photoperiodism in plants..  
   9536, 9566, 10525, 10528,  
   10547, 10565, 10585, 10589  
 Photosynthesis. See under  
Plants; and subhead  
anatomy and physiology  
under names of plants.  
 Phrurolithus.....12586  
 Phycomyces.....10486  
 Phyllosticta pirina  
   on apple.....10369  
 Phylloxera.....12761  
 Phylloxera vastatrix. 12784  
 Physarella oblonga.....10291  
 Phytic acid.....14576  
 Phytomonas albilineans.  
   See Leaf scald, of  
   sugarcane.  
 Phytopathology  
   Latin America.....10315  
   Mexico.....10324  
   technique and equipment.  
     10138  
   See also Plants, dis-  
   eases.  
 Phytophaga destructor. 9563  
 Phytophthora  
   on Hevea.....10347  
 Phytophthora capsici. See  
   Buckeye rot, of tomato.  
 Phytophthora infestans.  
   See Late blight, of  
   potato; Late blight, of  
   tomato.  
 Picea abies. See Spruce,  
   Norway.  
 Picea excelsa. See Spruce,  
   Norway.  
 Pickles.....13654
- Piezia.....12610**  
 Pigeons.....12134, 12205  
   anatomy and physiology..  
     12100  
   breeds and breeding....  
     12043  
   Barb.....12041  
   Carneau.....12063  
   feeding and nutrition...  
     12079  
   training.....12125  
   war use.....12155  
 Pigmentation  
   fur, of rabbits...12222  
   hair, of swine....12313  
   insect.....12885  
   plumage, of turkeys....  
     12039  
 Pigments  
   plant.....10647  
   See also names of pig-  
   ments.  
 Pigs. See Swine.  
 Pimenta racemosa. See  
   Bay-rum tree.  
 Pine  
   culture.....10653  
   planting.....10661  
   soils.....11195, 11201  
 Pine, cluster.....11508  
 Pine, loblolly.....10651  
 Pine, longleaf.....10568  
 Pine, ponderosa  
   pests.....9574  
 Pineapples  
   Cuba.....10825  
   culture.....10830, 10833  
 Pink bollworm. See  
   Pectinophora gossypiella.  
 Pinus mugo rostrata..10201  
 Pinus pinaster. See Pine,  
   cluster.  
 Pinus ponderosa. See  
   Pine, ponderosa.  
 Pinus taeda. See Pine,  
   loblolly.  
 Pinus uncinata. See  
   Pinus mugo rostrata.  
 Pits. See Storage, cel-  
   lars and pits.  
 Place names.....10074  
 Flaglogonmus.....12662  
 Planning. See Communities,  
   planning; Policies and  
   programs; Postwar plan-  
   ning; Town and country  
   planning.  
 Plant residues. 11155, 11201  
 Plantain flour.....13582  
 Planting equipment...12984  
   maintenance and repair..  
     12983  
   See also kinds of equip-  
   ment.  
 Plants.....10076  
   allergy-producing..11066  
   anatomy.....10093, 10450,  
     10492, 10496, 10532  
   biochemistry.....10505,  
     10626, 10637, 11156  
   breeding...10037, 10112,  
     10503-4, 10538  
   collecting and collec-  
   tions.....10159  
   diseases...10013, 10302,  
     14640  
   Argentina.....10314  
   control....9582, 10298  
   Idaho.....10297  
   India.....12443  
   maps.....10022  
   geography.....14645  
   growth.....10134
- Plants--Continued.**  
 heredity.....10505, 11262  
 history.....10080  
 injuries....10537, 10608,  
     12627  
 introduction.....10043,  
     10101, 11482,  
     11488, 11502  
 metabolism...10556, 10601  
 names.....10027, 10140  
 nutrition.....11233  
 pests.....12425  
 photosynthesis...10100,  
   10591-2, 10594, 10599  
 physiology..10111, 10135,  
   10517, 10530, 10577,  
     11190  
   conferences and con-  
   gresses.....10557  
 propagation..9582, 10586,  
   10810, 10818, 10878  
 quarantine and inspec-  
 tion...9575, 9627, 12434  
   Brazil.....9577  
   Dominican Republic...  
     9576  
   Germany.....10320  
   Paraguay.....9578  
 respiration.....10529  
 secretions.....10595  
 tropical and subtrop-  
 ical.....10149  
See also Botany; Cytol-  
ogy, plant; Ecology;  
Economic plants; Flora;  
Genetics; Hardiness,  
in plants; Herbaria;  
Hybridization; Phyto-  
pathology; Poisonous  
plants; Revegetation;  
Tissue cultures; Vege-  
tation; names of dis-  
eases and causal or-  
ganisms; and names and  
classes of plants.
- Plastics**  
 paper...9607, 11590, 11592  
 wood..11588-9, 11591, 11594  
See also names of  
plastics.  
 Platyeris.....12780  
 Flatyschineria n. g..12723  
 Plays.....14408  
 Flectonotum.....12691  
 Fleurophorus.....12662  
 Flodia interpunctella....  
     12439, 12814  
 Flowing....11297-8, 11300,  
     11303  
 Flows.....12982  
   electric.....12981  
 Flums  
   diseases....10344, 10387  
   varieties.....10041  
   See also Prunus.  
 Plumule.....10459  
 Plywood  
   physical properties. 9604  
   See also Veneers.  
 Pneumoencephalitis  
   in poultry.....12098  
 Pneumonia  
   in calves.....11857  
 Poa pratensis. See Blue-  
   grass, Kentucky.  
 Podospira anserina...10511  
 Podzol soils...10053, 11134  
 Poison-ivy....10635, 11075  
 Poison-oak.....10635
- Poisoning. See Food, poi-**  
**soning; Poisonous plants;**  
and names of poisonous  
substances and animals  
affected.  
 Poisonous plants..11060-1,  
     11069  
   to livestock.....11071  
   South-West Africa....  
     11711  
 U. S. S. R.....12016  
See also names of poi-  
 sonous plants.  
 Policies and programs....  
   9598, 14185, 14248  
 Argentina...13276, 14168,  
     14179, 14358  
 bibliographies.....9878  
 Bolivia.....14176  
 British West Indies....  
     14186  
 Canada.....14182  
 Europe.....14134  
 Florida, Palm Beach  
   County.....14102  
 Great Britain.....9860,  
     9877, 9902, 14091,  
     14144-5, 14156, 14189  
 Hungary.....14188  
 India.....9879, 9896  
 Italian East Africa....  
     14147  
 Italy.....14019, 14127  
 Mexico.....14018  
 Missouri.....13236  
 Peru.....14022, 14261  
 postwar.....14205  
 Tasmania.....14204  
 Tropics.....14194  
See also Government;  
Postwar planning;  
names of Government  
agencies; and subheads  
policies, programs,  
and purchase and sale  
programs under specif-  
ic subjects.
- Political parties**  
 Germany.....14369  
 Great Britain....14091,  
     14189  
 Pollen.....10534, 10552  
   anatomy and physiology..  
     10546  
   as feed for bees...12489  
   substitutes.....12476  
   See also Paleobotany,  
   pollen analysis.  
 Polleniosis.....12723  
 Pollination. See Apis  
mellifera, as pollina-  
tors; and under Fruit  
and names of plants.  
 Polyploidizing agents.  
   See names of agents.  
 Polyploidy  
   in plants....10453, 10512  
 Polyporus cinnabarinus....  
     10122  
 Polyporus versicolor  
   on chestnut.....10354  
 Polyptrychus.....12818  
 Polytoma.....10567  
 Polytoxus.....12781  
 Pomace flies. See  
   Drosophila.  
 Pomegranates.....13555  
 Ponds..11314, 11324-5, 11331  
   See also Fishponds,  
   farm.  
 Popillia japonica  
   control.....12645-6



**Item**  
 Poplar  
 culture.....10662-3  
 diseases.....10350  
 Poppy.....10672  
 Poppy, opium.....10641  
 Poppy, oriental.....10955  
 Population.....9598, 9865,  
 14367  
 Libya.....14323  
 migration.....14357  
 Argentina.....14358  
 Brazil.....14364  
 France.....14325, 14359,  
 14362-3  
 North Dakota.....14361,  
 14366  
 rural-urban  
 Argentina.....14356  
 Morocco.....14365  
 urban-rural.....14360  
 Venezuela.....14368  
 South Carolina.....9735, 9893  
 U. S. S. R.....9872  
 See also Land, settle-  
 ment and colonization;  
 Social groups.  
 Porizon.....12787  
 Pork.....13766  
 Colombia.....13815  
 curing.....13827  
 postwar.....13753  
 prices.....13815  
 regulation and inspec-  
 tion.....9651  
 statistics.....9624  
 Porrhothele.....12599  
 Forthetria dispar...12821,  
 12851  
 Post-hole augers.....9823  
 Postwar planning  
 bibliographies.....9907  
 Connecticut.....9870  
 Missouri  
 Cooper County....14200  
 See also Agriculture,  
 postwar; Food and Agri-  
 culture Organization  
 of the United Nations;  
 Industry, reconversion;  
 Reconstruction; Relief  
 and rehabilitation;  
 United Nations Conf. on  
 Food and Agr.; and sub-  
 head postwar under  
 specific subjects.  
 Potash  
 effect on plants..11189,  
 11260  
 in soils.....11136  
 Potassium  
 effect on plants..10603,  
 10605, 11405  
 fertilizers.....10054,  
 11278, 11405  
 in soils.....11158, 11165,  
 11167, 11184, 11405  
 Potassium permanganate....  
 10604  
 Potato flea beetle. See  
 Epitrix cucumeris.  
 Potato leafhopper. See  
 Empoasca abrupta.  
 Potato psyllid. See  
 Paratrioza cockerelli.  
 Potato starch..13585, 13659  
 Potato tuber worm. See  
 Gnorimoschema opercu-  
 lella.  
 Potatoes  
 analysis and composi-  
 tion.....13183

**Item**  
 Potatoes--Continued.  
 anatomy and physiology..  
 10472, 10536, 10556,  
 10571  
 as feed, for swine..12322  
 biochemistry.....10524,  
 10616, 10623  
 breeding.....11046  
 California.....13563  
 Canada.....13596  
 canned.....14557  
 culture.....11016, 11023,  
 11028  
 diseases.....9744, 9751,  
 10343, 10376-7, 10388,  
 10390, 10524  
 Canada.....10302  
 control...10294, 10296,  
 10336, 10367  
 resistance.....10359  
 drying.....13625, 13661  
 equipment...13007, 13022  
 fertilizers.....11189,  
 11237, 11397  
 France..11030, 13604, 13639  
 fumigation.....13640  
 Germany.....10021  
 harvesting..13022, 13547,  
 13606  
 history.....9944, 13552  
 Hungary.....13941  
 India.....11035  
 Ireland.....9944  
 marketing.....13598  
 Peru.....11021  
 pests.....9658, 12414,  
 12436, 12623  
 postwar.....13557  
 prices.....13616  
 programs.....13661  
 regulation and inspec-  
 tion.....9651  
 seed...11039, 11045, 13609  
 treatment..10293, 10343  
 spraying and dusting....  
 12448  
 storage..13118, 13639-41,  
 13657-8  
 diseases and pests....  
 10386, 12834  
 transportation....13547  
 U. S. S. R.....10068  
 utilization.....13585  
 varieties.....11011  
 See also under Silage.  
 Potlatch Forests, Inc.....  
 11487  
 Potted plants. See House  
 plants.  
 Pottiaceae.....10270  
 Poultry.....12165  
 age.....12173  
 anomalies.....12094  
 Bantam class.....12055,  
 12068, 12135  
 Mille Fleur.....12058  
 Polish.....12073  
 Sussex, Brown...12054  
 Wyandotte.....12052  
 breeds and breeding....  
 12040, 12042, 12044-5,  
 12047, 12049-51, 12057  
 Dorking, Silver-Gray..  
 12064  
 Frizzle.....12074  
 Leghorn.....12067  
 White.....9698  
 Mille Fleur.....12058  
 New Hampshire...12056  
 North Holland Blue....  
 12061

**Item**  
 Poultry--Continued.  
 breeds and breeding--  
 continued.  
 Orpington, Black..12046  
 Plymouth Rock  
 Barred.....12068-71  
 Polish.....12073  
 Sussex, Brown...12054  
 Wyandotte.....12052  
 Golden-Laced...12065  
 broodiness.....12121,  
 12147, 12168  
 California.....13911  
 Canada.....9967  
 care...9775, 9967, 12108,  
 12131, 12136, 12140,  
 12166, 12188, 12194,  
 12198, 12202  
 seasonal..12123, 12126,  
 12160, 12162, 12167,  
 12171, 12174,  
 12190-1, 12200  
 conferences and con-  
 gresses.....9967  
 Connecticut.....13892  
 culling.....9790, 12124,  
 12144, 12169, 12176-7,  
 12183, 12196  
 diseases.....9956, 12109  
 Georgia.....9767  
 dressed  
 packaging.....13900  
 dubbing.....12095  
 egg production...12127,  
 12154  
 effect of feeding....  
 12090  
 laying contests..12180  
 seasonal..12130, 12133,  
 12149, 12161, 12172  
 equipment.....13103,  
 13105-6, 13096  
 farms and ranches..12061,  
 12197, 14255  
 diversified.....12181  
 feathering.....12072  
 feeding and nutrition...  
 9698, 9967, 12080,  
 12084, 12086, 12091  
 pasture and range....  
 12085, 14288  
 use of substitutes...  
 12077  
 Game class.....12089  
 grading and standardi-  
 zation.....9620  
 Great Britain....13880,  
 13896  
 hatcheries...9967, 13911  
 hatching.....9652, 12157,  
 12185  
 heredity.....12072  
 housing.....9967, 13080-1,  
 13083-4, 13086-7,  
 13090-1, 13093-5,  
 13098, 13102, 13108  
 designs and specifi-  
 cations.....9706  
 litter...12128, 12139,  
 12143, 12148, 12164  
 ventilation....13085,  
 13088  
 Hungary.....13909  
 identification....12183  
 judging.....12049  
 labor.....14070  
 marketing.....13888  
 meat production...9712,  
 12056, 12129, 12135,  
 12142, 12145, 12182  
 parasites...12101, 12421  
 Georgia.....9767

**Item**  
 Poultry--Continued.  
 parasites--continued.  
 resistance.....12075  
 prices.....13905  
 control.....13918  
 quality.....13880  
 records and testing....  
 9710, 9713, 12193  
 regulation and inspec-  
 tion...9649, 9651  
 research.....12206  
 Rhodesia.....12080  
 sanitation...9711, 12138  
 sexing.....9691, 12163  
 shows and sales...12057,  
 12141, 12152, 12203-4  
 situation and outlook...  
 13887, 13889  
 Spain.....12132  
 statistics.....13903  
 surgery.....12095  
 systems  
 battery...12167, 13087  
 colony and range....  
 12122, 12151,  
 12175, 12186  
 confinement.....12198  
 Union of South Africa...  
 13905  
 watering.....12112  
 See also Artificial in-  
 semination, poultry;  
 Brooders; Chicks;  
 Cocks; Eggs; Feed;  
 Pigmentation, plumage;  
 Poultry meat; Poultry  
 products; and names  
 of feeds, and of ana-  
 tomical parts, poultry  
 diseases, parasites,  
 and products.  
 Poultry and Egg Natl.  
 Board.....13898  
 Poultry industry...13886,  
 13892, 14240  
 as an occupation...14397  
 directories.....9955  
 Great Britain.....12192  
 management.....14233  
 New England.....12178  
 Poultry meat  
 boning.....13897  
 canned.....9644  
 See also subhead meat  
 production under Poul-  
 try.  
 Poultry products.....9967  
 Poults, care.....12150,  
 12159, 12170  
 Powders (insecticides).  
 See Dusts and dusting.  
 Powdery mildew  
 of cucurbits.....10380  
 of grape...10340, 10361-2  
 Power.....13035  
 See also Electricity;  
 Equipment, power.  
 Pox. See Cow pox; Fowl  
 pox.  
 Precipitation  
 Massachusetts.....11357  
 See also Water, rain.  
 Predaea ollivieri n. sp...  
 10273  
 Predators. See names of  
 predators.  
 Pregnancy. See under  
 names of animals.  
 Pregnancy disease, of  
 sheep.....12265  
 Prenatal care. See  
 Health, prenatal.



Preservation of food. See  
 Canning and preserving;  
 Dehydration; Freezing of  
 food; Pickles; and sub-  
 heads under names of  
 foods and preservative  
 agents.  
 Preserves.....9533  
See also Canning and  
 preserving; Fruit,  
 canned; Jellies and  
 jams; and subhead  
 canned under names of  
 fruits.  
 Pressure canners.....13034  
 Pressure cookers.....9849  
 Prices.....9771  
 Canada.....13240  
 control.....9553, 9945, 9952,  
 13238, 13243, 13255  
 Canada.....13239, 14399  
 France.....13233  
 Middle East.....14209  
 guaranteed.....13236  
 Guernsey.....13232  
 indexes.....9557  
 India.....9949, 13234  
 North Dakota.....13235  
 parity.....9945  
 spreads.....13230  
 support.....9881  
See also Cost and stand-  
 ard of living; Infla-  
 tion; Subsidies; and  
 under names of com-  
 modities.  
 Pricklypear.....11114  
 Primula auricula.....10887,  
 10979  
 Primula sinensis.....10980  
 Pteris caudata.....12790  
 Prizes. See Awards.  
 Processing. See names of  
 processes; under names of  
 products; and subhead  
 utilization, industrial  
 under Agricultural prod-  
 ucts.  
 Prodenia eridania.....12867  
 Production. See Agricul-  
 tural products; Home-use  
 production; Policies and  
 programs; Statistics;  
 names of related sub-  
 jects; and under names  
 of products.  
 Productive capacity. See  
 Agriculture, productive  
 capacity; Land, produc-  
 tive capacity.  
 Produttori Sementi,  
 Bologna.....10721  
 Progomphe.....12900  
 Prolapse, intestinal  
 in sheep.....12259  
 Protosol soluble.....12119  
 Propagation, plant. See  
 under Plants and names  
 of plants.  
 Proso.....10681  
 Prosopis n. g.....12571  
 Prosopis.....12785  
 Protamone.....11846  
 Proteins.....14602-3  
 extraction.....14003  
 in animal nutrition.....  
 11670, 12318  
 in human nutrition.....14558  
 in milk.....14510  
 in plants.....10515  
 in poultry nutrition....  
 12075, 12078, 12096

Proteins--Continued.  
 nutritive value.....14562,  
 14567, 14583  
 sources.....12078  
 animal.....11655  
 plant.....13877, 13840,  
 14003, 14590  
See also names of pro-  
 teins.  
 Protozoa.....12901  
 Pruning. See under names  
 of plants.  
 Prunus  
 diseases.....10370  
See also Cherries;  
 Peaches; Plums.  
 Prunus lusitanica.....10170  
 Prunus spinosa.....10222  
 Psalliotia campestris.....11017  
 Psallus ancorifer.....12778  
 Psen atratus.....12795  
 Pseudocypbellaria aurata...  
 10284  
 Pseudomonas fluorescens...  
 10386  
 Pseudoperichaeta.....12723  
 Pseudophloeophagus.....12656  
 Pseudoscorpionida. See  
 Chelonethida.  
 Psila rosae.....12707  
 Psocus.....12906  
 Psorophora.....12751  
 Psorosis, of citrus.....10138  
 Psychodidae  
 Europe.....12712  
See also names of gen-  
 era.  
 Psyllid yellows  
 of potato.....9751  
 Ptelea trifoliata.....10919  
 Pteridophyta  
 Costa Rica.....10251  
 France.....10242  
 India.....10253  
 Indochina.....10255-7  
See also Ferns; and  
 names of families and  
 genera.  
 Pteris multifida.....10252  
 Pterocladia.....10279  
 Ptychopoda.....12837  
 Publications. See Bib-  
 liographies; and subhead  
 publications under names  
 of authors and issuing  
 agencies.  
 Publicity.....9880  
 Indochina.....14010  
 Putaya castanea colum-  
 biana n. var.....12611  
 Puerto Rico. Servicio de  
 Extensión Agrícola.....14420  
 Puerto Rico. Univ. Col. of  
 Agr. and Mechanical  
 Arts.....9888  
 Pullet disease.....12106,  
 12120  
 Pullorum disease  
 tests.....12104  
 Pulp and paper  
 byproducts.....11585  
 Canada.....11602, 11607, 11613  
 chemistry.....11609-10  
 manufacture.....11598,  
 11600, 11605-6, 11608,  
 11612, 11614, 11616  
 physical properties.....  
 11611  
 plant sources.....13478,  
 13506, 13538  
 situation and outlook...  
 11596  
 Sweden.....11599

Pulp and paper--Continued.  
 utilization.....11595  
See also Containers,  
 paper and paperboard;  
 Plastics, paper.  
 Pumpkin oil.....13870  
 Pumps. See Irrigation,  
 pump.  
 Pycnospatha n. g.....10196  
 Pyrausta.....12837  
 Pyrausta nubilalis.....12842  
 control.....9543  
 Pyrethrins.....11080, 12441  
 Pyrethrum  
 insecticides.....9573, 12740  
 situation and outlook...  
 12454  
 Pyridoxine. See Vitamin B.  
 Pyrola rotundifolia.....10168  
 Pyruvic acid.....10612  
 Pythium.....10357  
 Quackgrass, as feed  
 for rabbits.....12221  
 Quaking grass, big.....10444  
 Quarantine and inspection.  
See Plants, quarantine  
 and inspection; and sub-  
 head regulation and in-  
 spection under other  
 subjects.  
 Queensland fruit fly.  
See Dacus tryoni.  
 Quercetin.....10561  
 Quercus.....10184, 10186  
See also Oak.  
 Quercus ilex. See Oak,  
 holly.  
 Quercus virginiana. See  
 Oak, live.  
 Quince, pests.....12863  
 Quipo. See Cavanillesia  
 platanifolia.  
 Rabbitbrush.....10491  
 Rabbits  
 anatomy and physiology..  
 12222  
 as pests.....12226  
 breeds and breeding....  
 12208, 12212, 12215  
 Angora.....12207,  
 12209-11, 12214  
 Rex.....12213  
 Canada.....13770  
 care.....12227-9  
 Colombia.....12303  
 costs and returns.....14286  
 equipment.....9769  
 feeding and nutrition...  
 12218-20  
 use of substitutes....  
 12221  
 industry.....13752, 13755  
 Italy.....12208  
 parturition.....12212  
 poisoning.....12426  
 research.....12225  
See also Furs, rabbit;  
 Pigmentation, fur, of  
 rabbit; Wool, Angora  
 rabbit.  
 Rabies.....11702  
 control.....11753  
 immunization.....11710  
 in dogs  
 control.....11955, 11959  
 Radio, programs.....9585  
 Radioactive substances....  
 11956  
 Radishes.....10507  
 Rafanobrassica.....10507  
 Raffinose.....10609

Ragweed.....10546  
 Railroads.....9909, 13214  
 Argentina.....13211  
See also subhead trans-  
 portation under names  
 of products.  
 Railway ties.....9608  
 Rainfall. See Precipita-  
 tion.  
 Raisins.....13550  
 Raisintree, Japanese.....11084  
 Rakes, buck.....9729, 9822  
 Rams.....12231, 12249, 13499  
 Ranching  
 history.....11757, 11941  
See also Livestock.  
 Ranges  
 and animal nutrition....  
 10751  
 conservation.....11385  
 management.....9545, 10746,  
 10751, 10753  
See also subhead feeding  
 and nutrition, pasture  
 and range under names  
 of animals.  
 Ranunculaceae.....10104  
 Rape  
 as feed, for swine.....12332  
 Italy.....10787  
 Rape oil.....13856  
 Rapidorm.....12020  
 Raspberries.....10036, 10847  
 diseases.....9564, 9722  
 pests.....9564  
 preservation.....13637  
 transportation.....13608  
See also Rubus.  
 Rationing  
 Great Britain.....13147  
 Middle East.....14209  
See also Black markets;  
 Food, rationing; and  
 under names of com-  
 modities.  
 Rats.....12426  
 control.....9686, 14633  
 Raw materials  
 Africa.....13154  
 Argentina.....13150  
 control.....9874  
 Rayon.....11595  
 from seaweed.....13534  
 yarn.....13469-70, 13479,  
 13487, 13507, 13532  
 Reciprocal trade agree-  
 ments. See Trade, agree-  
 ments and treaties.  
 Reciprocal Trade Agree-  
 ments Act.....9905, 14501  
 Reclamation.....9903, 10075  
 Australia  
 South Australia.....11344  
 California.....11309  
 Italy.....11311, 14019, 14127  
 Netherlands.....11338  
 New Zealand.....11337  
See also Drainage; Ir-  
 rigation; Land, clear-  
 ing; Marshes; Spoil  
 banks, reclamation.  
 Reconstruction  
 China  
 bibliographies.....9871  
 France.....14012, 14180  
 Germany.....14029  
 Great Britain.....9882, 14263  
 India.....9879  
 Tasmania.....14204  
 U. S. S. R.....14243  
See also Postwar plan-  
 ning; Relief and re-  
 habilitation.



- Reconversion.** See Industry, reconversion.
- Record, Samuel James.**..... 14650, 14660, 14674
- Recreation.**..... 9828, 14426
- Red-legged ham beetle.** See *Necrobia rufipes*.
- Red mite, of chickens.**  
See *Dermanyssus gallinae*.
- Redbud.** See *Cercis*.
- Redwings.**..... 9684
- Reforestation.**..... 10649  
  Australia..... 10668  
  Colombia..... 10659  
  France..... 14622  
  Great Britain..... 11512  
  Peru..... 11464
- Refrigeration.** 13113, 13267  
  France..... 13261  
  Mexico..... 13256  
  See also Freezing of  
    food; Locker plants;  
    Refrigerators; Storage,  
    cold; Transportation,  
    refrigeration; and  
    under names of prod-  
    ucts.
- Refrigerators.** 13114, 13117
- Refuse**  
  as fertilizer..... 11437
- Registration, of animals.**  
  See subhead records and  
  testing under names of  
  animals.
- Rehabilitation.** See Relief  
  and rehabilitation.
- Relief and rehabilitation.**  
  9938, 14025
- China  
    bibliographies.... 9871
- Europe..... 13167
- Norway..... 13169
- See also Reconstruction;  
  United Nations Relief  
  and Rehabil. Admin.;  
  U. S. Dept. of Agr.,  
  Farm Security Admin.;  
  Veterans.
- Religion, in rural life**  
  Palestine..... 14427  
  See also Churches.
- Remy, P.**..... 12892
- Rennet.**..... 13748
- Rent.** See Leases.
- Repairing, home and farm.**  
  See Shops, farm; and  
  subhead maintenance and  
  repair under Equipment  
  and kinds of equipment.
- Resazurin, milk test.**.....  
  13360, 13365,  
  13377, 13420-1
- Research.**..... 14623, 14694  
  Colorado..... 9662-3  
  Connecticut..... 9664  
  Dominican Republic. 14688  
  Hungary..... 14691  
  Latin America..... 14697  
  Mississippi..... 9692  
  Nebraska..... 9696  
  New Jersey..... 9714  
  North Dakota..... 9727  
  Pennsylvania..... 9733  
  U. S. S. R..... 10068,  
    14685, 14695  
  See also subjects of re-  
  search and names of ex-  
  periment stations and  
  research agencies.
- Resettlement.** See Land,  
  settlement and coloniza-  
  tion.
- Resins.** See Gums and  
  resins.
- Resources.** See Natural  
  resources.
- Respiration.** See under  
  Plants; and names of  
  animals.
- Restaurants.** See Cookery,  
  large-quantity.
- Revegetation.**.... 9997, 10429
- Rhacochelifer maculatus**  
  hoggarensis n. ssp. 12604
- Rhagastis.**..... 12818
- Rhagoletis pomonella.** 12698
- Rhinosporidiosis**  
  in horses..... 12012
- Rhinotachina.**..... 12724
- Rhipicephalus sanguineus.**  
  12582, 12591
- Rhipidius.**..... 12667
- Rhizosolenia longiseta.**....  
  10277
- Rhopalocera.** See Butter-  
  flies.
- Rhopalomesites.**..... 12656
- Rhopalosiphum bupleuri**  
  n. sp..... 12754
- Rhynchites coeruleus.**.....  
  12615, 12682
- Rhynchophorus palmarum.**....  
  12658
- Rhyssmodes orientalis**  
  larvae..... 12664
- Riboflavin**  
  in fruit..... 14573  
  in meat..... 14607  
  in vegetables..... 14571  
  See also Vitamin B.
- Rice**  
  Colombia..... 13678  
  costs and returns. 14283  
  culture..... 10679  
  fertilizers..... 11274  
  French Colonies.... 13669  
  injuries..... 10317  
  marketing..... 13694  
  situation and outlook...  
    13712, 14283  
  spraying and dusting....  
    9658  
  trade..... 14494  
  Western Hemisphere. 13717
- Rickets, in calves.** 11866
- Riel, Philibert.**..... 14665  
  publications..... 14665
- Rievel, H.**..... 11662
- Rinderpest**  
  control..... 11897  
  India..... 11875
- Rio Grande River.**..... 11339
- Rio Grande Valley Citrus**  
  Exch..... 13605
- Roadside planting.**.... 11106
- Robberflies.** See Asilidae.
- Robertus truncorum.** 12568
- Robinia pseudoacacia.**  
  See Locust, black.
- Rock gardens.**..... 10885,  
  10945, 10968
- Rocky Mountain spotted**  
  fever, transmission. 12581
- Rodents**  
  control..... 14624  
  See also names of  
  rodents.
- Rodgersia.**..... 10912
- Rolfs, Peter Henry.** 14656  
  publications..... 14656
- Roofs.**..... 9911, 13057
- Root crops**  
  equipment..... 9920  
  Great Britain..... 9897
- Root crops--Continued.**  
  harvesting..... 9920  
  See also names of crops.
- Root knot**  
  of vegetables..... 10398
- Root rot, of citrus.** 10335
- Roots.**..... 10498, 11175  
  anatomy and physiology..  
    10457, 10553, 10607
- Rootstocks.** See subhead  
  propagation under Plants;  
  and names and classes of  
  plants.
- Rope.** See Cordage.
- Rose**  
  anatomy and physiology..  
    10560  
  biochemistry..... 10926  
  history..... 10881  
  pests..... 12416  
  propagation..... 10940  
  varieties.... 9994, 10873,  
    10958, 10982, 10994
- Rose hips.**..... 13651
- Rot.** See Brown rot; Buck-  
  eye rot; Root rot.
- Rotation of crops.** 10670  
  10756, 10779, 14686  
  effect  
    on soils.... 9736, 11290  
  Italy..... 10671  
  U. S. S. R..... 11312  
  See also Field crops,  
  rotation with pasture.
- Rotenone**  
  insecticides. 9564, 12420  
  situation and outlook...  
    12454
- Rothschildia**  
  Argentina..... 12811
- Roughage, in animal nutri-  
tion.**..... 11669
- Hungary.**..... 13459
- Roup, in poultry.**.... 12108
- Rubber**  
  Africa..... 13156  
  agreements..... 13921  
  Brazil..... 13920  
  fertilizers..... 11292  
  India..... 9930  
  plant sources.... 11104,  
    11115  
  research..... 13920  
  tapping..... 11091  
  Venezuela..... 13921
- Rubber plants**  
  Latin America..... 10043  
  See also names of  
  plants.
- Rubiaceae.**..... 10208
- Rubus.**..... 10176  
  See also Blackberries;  
  Raspberries.
- Rudbeckia purpurea.** See  
  Echinacea purpurea.
- Rum, West Indies.**.... 13305
- Rumex acetosella.** See  
  Sheep sorrel.
- Ruminants.** See names of  
  ruminants.
- Runoff.**..... 9633, 9672  
  control..... 11376
- Rural life**  
  Connecticut..... 9870  
  France..... 14370, 14375  
  Montana..... 14372  
  New Zealand..... 14374  
  postwar..... 14403  
  programs..... 14373
- Rural schools.** See  
  Schools.
- Rust**  
  of grain..... 10368  
  of oats..... 10356, 10358  
  of Prunus..... 10370  
  of wheat..... 10337
- Rutabagas, culture.**.... 9689
- Ryanex, insecticide.** 12863
- Rye**  
  Colombia..... 13688  
  culture..... 10704
- Ryegrass.**..... 10445
- Saccharin.**..... 13963, 13965
- Saccharomyces ellipsoideus.**  
  10563
- Saccharum munj.** See Sweet-  
  cane, munj.
- Saccharum sarc.** See Sweet-  
  cane, munj.
- Safety.**..... 11557, 12929,  
  12932-4, 12941
- Saffron.** See Crocus;  
  saffron.
- Salad dressings.**.... 13182
- Salads.**..... 9979
- Salisbury (Rhodesia) Agr.**  
  Expt. Sta..... 14686
- Salix.**..... 10185  
  See also Willow.
- Salmonellosis.**..... 14555  
  in turkeys..... 12102
- Salt.** See Sodium chloride.
- Salticidae**  
  Sweden..... 12579  
  See also names of gen-  
  era.
- Salting.** See subheads  
  salted and salting under  
  names of products.
- Saltpeter.** See Sodium  
  nitrate.
- Salts.** See Mineral salts.
- Sampling.** See under  
  specific subjects.
- San Antonio Chamber of**  
  Com. Turkey Com.... 12201
- San José scale.** See  
  Aspidiotus perniciosus.
- SanCor (Argentina).**... 13394
- Sand dunes.**..... 11363  
  reclamation..... 11381
- Sanitation.**..... 13123  
  See also under specific  
  subjects.
- Sansevieria.**..... 10733
- Sapotaceae.**..... 10452
- Sarcochilus ceciliae**  
  albus..... 10929
- Sarcoma, in dogs.**.... 11962
- Sassafras.**..... 11195
- Sataspes.**..... 12818
- Sauromatum guttatum.** 10930
- Sawdust.**..... 11561  
  effect on soils.... 11452  
  utilization..... 11622
- Sawmills.**..... 11556, 11558
- Saws.**..... 9826, 11579
- Scab**  
  of apple..... 10355, 10363  
  of pear..... 10363
- Scaetta, H.**..... 10427
- Scale insects.** See  
  Coccidae.
- Scarabaeidae.**..... 12653  
  Chile..... 12633  
  Peru..... 12632  
  Sahara..... 12663  
  See also names of gen-  
  era.
- Schistocerca gregaria.**....  
  12881  
  control..... 12883



Item	Item	Item	Item
Schizaea pusilla.....10244	Seurat, L. G.....12604	Shops, farm.....9916,9919, 12950,12957,12968	Smut--Continued.
Schools.....14378,14406	Sewage	See also Mechanics.	of grass.....10346
Argentina.....14416	as fertilizer.....11441	Shrubs.....9608	of wheat....10329,10345, 10348
Canada.....14425	disposal.....13135	culture.....9632	See also Tilletia.
See also Lunches, school.	systems.....13125	pests.....12430	Snails.....12413
Schultz, Elisabeth...14671	Sewing.....9835	planting.....9632,10889, 10965	Snelgrove, L. E.....12526, 12532
Schweitzer, A.....12892	Sex	pruning.....10986,11001	Soap.....12582
Sciastes.....12586	insects.....12789, 12857,12893	See also names of shrubs.	Social conditions
Science.....10064,14718	See also Poultry, sex- ing.	Sidyra.....12597	Dominican Republic.14398
Scirtes.....12671	Sex organs, insect...12701	Silage.....13120	effects of soil ero- sion.....11374
Sclerotinia fructigena.	Shade, effect on	legume.....9739	Mississippi.....14013
See Brown rot, of apple;	plants.....10518	potato.....11644	Panama.....14424
Sclerotinia laxa. See	Shasta daisy. See Chrysan- themum maximum.	preparation.11650,11660, 11663,11686,13110	South Carolina.....9893
Brown rot, of apple.	Shedders.....13001	salting.....11680	See also Cost and stand- ard of living; Health; Rural life; and re- lated subjects.
Scolytidae	Sheds.....9919	sorghum.....11673	Social groups
Africa.....12648	Sheep.....12289	Silicates, in soils..11151	Germany.....14369
France.....12635	Africa.....13732	Silis.....12691	Southern States....14318
See also names of gen- era.	Argentina.....12299	Siliscodon.....12691	Social security
Scorpionida	Australia...12231,12277, 12282,13726,13733	Silk	Great Britain.....9860
anatomy and physiology..	bibliographies....12289	South America.....10043	Social welfare
12593-4	breeds and breeding....	See also Sericulture.	France.....14371,14413
See also names of fam- ilies and genera.	12232,12241	Silkworm. See Bombyx mori.	Italy.....14079
Scours, in calves...11874, 12274	Biellese.....12233	Silver leaf	Tropics.....14063
Scrapia.....12671	Corriedale.....12242	of fruit.....10379	See also Health; Youth, welfare.
Scrub typhus.....12560	Hampshire Down..12230, 12240	Silverleaf tree. See	Sociedad Rural Argentina.. 11775
Scythris.....12837	Karakul...12245,12250, 12303,13732,13782	Leucadendron, silver.	Sociedade Rural Brasi- leira.....13539
Seaweed.....13534	Leicester.....9963	Silos.....13110,13120	Società Agricola Indus- triale di Etiopia...14458
See also Kelp.	Lincoln.....12238	trench.....13112	Società Agricola Italo- Somalia.....14459
Second Deficiency Appro- priation Bill for 1945...	Mandya.....12249	Silviculture.....10650	Society of Amer. For- esters.....9991
10075	Merino.....13739	Germany.....10657,10667	Society of Dairy Technol.. 13349
Seed scarifiers.....9653	Polwarth.....12244	Hungary.....11490	Sodium
Seed weighers.....12966	Rambouillet....13739	Italy.....10658	effect on plants...11413
Seeds.....13924	Romney Marsh....12239	sample plots.....9605	in soils.....11413
anatomy and physiology..	Chile.....12299	Switzerland.....11519	Sodium carbonate....12627
10485	Colombia.....12303	Yugoslavia.....11489	Sodium chloride
and plant disease..10302	costs and returns..14285	See also names and classes of trees.	in animal nutrition.... 11850
Chile.....10006	diseases.....12694	Sinningia.....12422	in poultry nutrition.... 12079
germination.....10568, 10590,10629	farms and ranches..12300	Siphonodonta.....10197	preservative.....11680, 11682,11685
Great Britain.....14009	fertility.....12246-7	Siphonodontaceae. See	Sodium fluoride.....12874
legislation.....13923	France.12245,13734,14285	Capusiaceae.	Sodium hypochlorite..13428
New Zealand.....13922	Germany.....9968	Sirups	Sodium monofluoracetate... 10291
planting, by airplane...	Great Britain....13465, 13728	analysis and composi- tion.....13186	Sodium nitrate
10773	history.....12278,12295	See also under names of commodities.	fertilizers...9719,9738
production.....13927-8	Hungary.....13764	Sisyrinchium angusti- folium.....10216	Sodium pentachlorophenate. 11056
programs.....10006	industry.....13739	Sitona lineatus.....12657	Sodium silicate.....13882
regulation and inspec- tion.....9671	Italy.....12254	Sitophilus.....12685	Soil conservation...9631, 9865,10048,11315, 11335,11360-2,11380, 11382
treatment.....10333	judging.....12232	Sitticus tullgreni n. sp.. 12579	associations.....11264
Union of South Africa...	marketing.....13789	"666". See 1,2,3,4,5,6 Hexachlorocyclohexane.	Australia.....11370
13925	Mules' operation...12266	Six-spotted leafhopper.	districts.....11365
U. S. S. R...10068,13926	New Zealand....12306-7	See Macrosteles divisa.	Indiana.....9638
vernalization.....10573	parasites.....12257	Size, for building	Latin America.....11358
viability.....10531	poisoning....11890,12260	materials.....12417	legislation..11356,11370
See also Embryos, plant;	prices.....9616	Skin, diseases	Massachusetts.....11356
and under names of	regulation and inspec- tion.....12231	in swine.....12336	Ohio.....9638
plants.	shearing.....12287	Skins. See Hides and skins.	Pennsylvania.....11364
Selaginella.....10247	Sicily.....12302	Slag.....11436	Puerto Rico.....9582
Selaginella helvetica.... 10922	situation and outlook... 13730	Slaughterhouses.....11764	research.....9638
Selenium	statistics.....9624	France.....11765-6, 13762,13797	
effect on plants...10517	Texas.....12278	Slaughtering	
in soils.....9737	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.	Italy.....13779	
Seliodesema gemmaria.12816	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.	regulation and inspec- tion...9630,9651,11766	
Septic angina.....11704	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.	waste.....13762	
Septic tanks.....13135	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.	See also under names of animals.	
Sericulture	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.	Sleeping sickness. See Encephalomyelitis.	
Italy.....12890	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.	Slidefilms. See Films.	
Kauai.....12886	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.	Slugs.....12413	
See also Bombyx mori;	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.	Smaragdesthes delislei n. sp.....12659	
Mulberry.	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.	Smut	
Serres, Olivier de..14649, 14659	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.	of barley.....10333	
Sesame.....10509-10	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.		
Sesame oil.....13844	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.		
Setaria. See Bristlegrass.	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.		
Setomorphia rutella...12817	See also Feed; Furs, Karakul sheep; Hides and skins, sheep; Lamb (meat); Lambs; Mutton; Rams; Veteri- nary medicine; Wool; and names of feeds and of anatomical parts, diseases, parasites, and products.		



**Item**  
 Soil conservation--Continued.  
See also Conservation  
 farming; Contour farming; Cover crops; Folds; Reclamation; Soil erosion; Terracing; U. S. Dept. of Agr.; Soil Conserv. Serv.; and names of soil conservation districts.  
 Soil erosion...11281,11388  
 Australia  
   South Australia...11363  
   Colombia...11383  
   control...11354-5, 11368-9,11376-7  
     by planting...11523  
   Massachusetts...11357  
   New Zealand...10046,11387  
   research...11367  
   social effects...11374  
   South Africa...11371  
   Syria...11379  
See also Runoff; Soil conservation; U. S. Dept. of Agr.; Soil Conserv. Serv.; Wind, erosion.  
 Soil science...10056  
 associations...11119  
 technique and equipment...11120  
 U. S. S. R...11118,11310  
 Soilless culture...10133, 10924,11048  
   armed forces,11019,11031  
See also Nutrient solutions for plants.  
 Soils...10060,11216  
   aeration...11129  
   Africa...10044  
   alkaline...11146  
   alluvial...11124,11153, 11199  
   analysis...11124,11126, 11143,11147,11152, 11154,11159,11161-2  
   base exchange...11148, 11157,11165  
   Basque Region...11204  
   Cameroons...11205  
   Central America...11212  
   chemistry...11153  
   classification...11186, 11210  
   colloids...11169  
   color...11126  
   Cuba...11200  
   deterioration...11275  
   effect on  
     health...11270,11280  
     livestock...12015  
     plants...10565,11186, 11188,11191  
   fertility...11153,11230, 11234,11284,11294  
   formation...11156,11193, 11195,11202  
   France...11124,11126, 11153,11186,11194, 11196-9,11207-8,11211, 11213,11251,14622  
   French Colonies...10044  
   French Indochina...10044  
   hydrogen-ion concentration...11163  
   Illinois...9638  
   India...10009,11224  
   Indiana...9638  
   Italy...11121  
   teaching...9672

**Item**  
 Soils--Continued.  
 management...9728,10051, 11223-4,11249  
 maps...11210  
 microbiology...11173-5, 11180,11408  
 moisture...9661,11122, 11125,11132,11301, 11312  
   effect on plants...10537,11123  
 New Zealand...11206  
 nitrification...11409-10  
 North Africa...11215  
 Northern Ireland...11214  
 nutrition relationships...11183  
 organic matter...11127, 11271,11282  
 permeability...6738, 11128  
 physics...11133  
 Rhodesia...11203  
 Sakhalin...14024  
 saline...11217,11310,11321  
 sanitation...11392  
 Sardinia...11217  
 structure...9638,11121, 11129-30  
 temperature...11131  
 Trinidad...11125  
 tropical...10072  
 U. S. S. R...11140,11164  
See also Bacteria, in Is; Conservation  
   fing; Cover crops; Drainage; Fertilizers; Forests, soils; Humus; Irrigation; Lysimetry; Minerals; Reclamation; Runoff; Soil conservation; Soil erosion; Terracing; Tillage; U. S. Dept. of Agr.; Soil Conserv. Serv.; Wind erosion; Windbreaks; and under names of plants, soil constituents, and kinds of soil.  
 Solanum...10645  
 Solanum demissum...10547  
 Solpugidae  
   anatomy and physiology...12585  
See also names of genera.  
 Sorghum  
   as feed  
     for cattle...11825  
     for swine...12329  
   biochemistry...10537  
   Italian East Africa...10682,10686  
   Italy...10700  
   seed...10300  
   varieties...10712  
See also Silage, sorghum.  
 Sorrel, sheep...11059  
 South Australian Apirists' Assoc...12480  
 Southern armyworm. See Prodenia eridania.  
 Southern pine beetle. See Dendroctonus frontalis.  
 Sowing. See Seeds, planting.  
 Soybean flour...14584  
 Soybean meal, as feed  
   for cattle...11829  
   for swine...12327  
 Soybean oil...13835,13877

**Item**  
 Soybean oil--Continued.  
   quality...13851  
   regulation and inspection...9651  
 Soybeans...9552,13840  
   anatomy and physiology...9536,9566,9720, 11662,13847  
   as feed...11662,11670  
   culture...10528,10794, 10797,13860  
   defoliation...10780  
   Europe...13878  
   forage plant...10797  
   France...10781,10795, 13877-8  
   harvesting...13026  
   Honduras...10793  
   nutritive value...13877  
   processed...14568  
   statistics...9560  
   utilization...13860  
   vitamins...14594  
   yields...10794  
 Spanish moss. See Tillandsia, treebeard.  
 Spark plugs...13053  
 Spartina...10215  
 Spartium junceum. See Weavers-broom.  
 Species, origin...14615  
 Spermatozoa...11632  
   cattle...11773  
 Sphenoptera ardua...12677  
 Sphenoptera sinuosa...12683  
 Sphenoptera veyreti n. sp. 12673  
 Spingidae  
   Java...12818  
See also names of genera.  
 Spices...11086,13322  
   analysis and composition...13279,13292  
   Hungary...13988  
 Spiders...12584  
   France...12566  
   habits and behavior...12377,12556  
   Maryland...12586  
See also names of families and genera.  
 Spinach...11036  
   anatomy and physiology...10499  
   for processing...13629  
   nutritive value...14611  
 Spinacia. See Spinach.  
 Spirocid-Natrium...12113  
 Splenomegalia  
   in swine...12338  
 Splints, for injuries...11999  
 Spoil banks  
   reclamation...11222  
 Spotted wilt  
   of tomato...9658  
 Sprays and spraying...12396  
   concentrated...12427  
   injuries...10318-19  
   postwar...12452  
   residues...9658  
   technique and equipment...12394,12403,12956  
See also Fungicides; Growth substances for plants; Insecticides; and subhead spraying and dusting under names of plants.  
 Sprouts  
   nutritive value...14560

**Item**  
 Spruce...9608  
   culture...10653,10661, 11520  
   pests...12790  
   wood...11551  
 Spruce, black...9608  
 Spruce, Norway...10488-9  
 Spruce budworm. See Archips fumiferana.  
 Spur blight  
   of raspberry...9722  
 Squash, marketing...13607  
 Squirrels...10305,14625  
 Stachybotrys alternans...11740  
 Stachys grandiflora  
   superba...10923  
 Stacks...12940  
 Stain technology...10578  
See also names of stains.  
 Standard of living. See Cost and standard of living.  
 Staphylococcus...13196  
 Starches...13296  
   analysis and composition...13709  
   in plants...10648  
See also kinds of starches.  
 State farms, Hungary...14217  
 Statistics  
   Argentina...13276,14345  
   Canada...13277  
   Colombia...13271  
   Cuba...14705  
   Ecuador...14709  
   France...13666  
   Hawaii...9771-2  
   Hungary...13275  
   India...9949  
   Mexico...13273  
   New Zealand...13272  
See also Census; and under specific subjects.  
 Steers. See Cattle, beef.  
 Stenandriopsis...10178  
 Stephanoderes hampei...12612  
 Sterculiaceae...10455  
 Stereoscopes...9638  
 Sterilamp. See Bactericidal lamps.  
 Sterility, in animals.  
See subhead fertility under names of animals.  
 Stilbestrol, effect on poultry...9964  
 Stingless bees. See Meliponidae.  
 Stockyards, directories...9619  
 Stomatitis  
   in cattle...11902  
 Storage  
   cellars and pits...13111, 13116  
   cold...13119,13258  
   Great Britain...13258  
   Tropics...13257  
See also Elevators; Locker plants; Stored products; and under specific products.  
 Stored products  
   pests...12685,12817  
 Stoves...9807  
 Strampelli, Nazareno...10720  
 Strangles...12000  
   India...12008-9  
   therapy...12013



Item	Item	Item	Item
Straw	Sugar beets--Continued.	Swine--Continued.	Tanks--Continued.
as fertilizer.....10014	fertilizers.....11256,	Australia.....13799	See also Septic tanks.
effect on soils....11452	11263,11289	Balkan States.....12364	Tannin.....11617,13582
See also kinds of straw.	France.....13932,13947	bibliographies.....12373	in plants.....10633
Strawberries.....10034	harvesting..13000,13002,	breeds and breeding....	sources.....11618
culture.....10850,10854-5	13027	12314,13785	Tanning.....13820
Great Britain.....14005	Hungary.....13941	Duroc.....12310	chrome.....13822
Strawberry rootworm. See	labor.....14075	Hampshire.....12308,	See also Hides and skins;
Paria canella.	pests.....12777	12314,13785	Leather.
Streptococcus.....13386	programs.....9617	Canada.12369,13763,13805	Tariff.....14473,14492
Streptococcus agalactiae..	research.....10801	care....9784,9788,12354,	Tarrietia utilis.....10229
11879,13387	situation and outlook...	12357-9,12366	Taxation
See also Mastitis, in	13950	culling.....12363	France.....14061
cattle.	Switzerland.....13945	Denmark.....14482	income tax.....14056
Streptomycin.....10137	U. S. S. R.....10068,	directories.....12311	See also Assessment;
Strongylosis	13934,13967	equipment.....13092	and under specific
in horses.....11995,12014	Sugarcane.....10043	Europe.....13771	subjects.
Structures. See Buildings.	analysis and composi-	farms and ranches..12368	Tea.....9987,13330
Strumeta tryoni. See	tion.....13971	feeding and nutrition...	Africa.....13156
Dacus tryoni.	anatomy and physiology..	9541,11836,12317-20,	anatomy and physiology..
Strychnine poisoning	10587	12323,12325-6,12330,	10523
in dogs.....11957	Cuba.....10322	12345	culture.....11100
Stump removal. See Land,	diseases.....10322,10383	pasture and range....	Japan.....13312
clearing.	fertilizers.....11407	12316	Peru.....11082
Stunt disease	fiber.....13946	use of substitutes....	regulation and inspec-
of tomato.....10071	irrigation.....11343	12321,12328	tion.....9651
Sturmia.....12725	pests.....10322	France.....12321,12355	Teak.....11504
Styphlomeris.....12610	varieties.....10799	Great Britain.....13721	Technology.....13707
Subsidies.....9945	See also Fiber, sugar-	growth.....12316	Tectaria poilanei n. sp...
See also under specific	cane.	heredity.....12313	10255
subjects.	Sugarcane wax.....13953	housing.....0017,13079	Teeth
Subsistence farming. See	Sukra-Niti.....11720	Hungary.....13744	of horses.....11997
Farms and farming, sub-	Sulfaguanidine.....12114	hybrids.....14313	See also Health, dental
sistence.	Sulfamezathine.....12115	industry.....13724	care; Nutrition (hu-
Succulents.....10957	Sulfamide.....11722	marketing.....13785	man), and teeth.
Sucrose.....13954	Sulfapyridine.....11870	parasites.....9655	Teff.....10681
Sugar	Sulfate ion	postwar.....13727,13738	Telang livers.....14597
Africa.....13156	in soils.....11137	pregnancy.....9784	Telephones.....13133
analysis and composi-	Sulfates.....12257	prices.....9616	Temperature
tion.....13186,13958	Sulfite liquor.....11615	programs.....12356	effect on
as feed for bees...12534	Sulfonamides.....12103,	records and testing....	insecticides.....12392
Barbados.....13961	12109,12483	12360-1	insects.....12704
Bohemia-Moravia....13943	See also names of sul-	regulation and inspec-	plants....10134,10372,
byproducts.....13929	fonamides.	tion.....9651	10565,11050
California.....13951	Sulfur.....10300	sanitation.....12370	See also Soils, temper-
Colombia.....13931	in feed.....11658	shows and sales...12367,	ature.
conservation.....9540	in soils.....11137	12372	Tenancy. See Land, tenure.
costs and returns...9678	Sulfur dioxide	situation and outlook...	Tenant-right valuation
Cuba...13933,13936,13969	preservative.....9666	13745,13754,13756	France.....14343
effect on plants...10566	Sulfuring. See subheads	slaughtering..9809,12362	Great Britain.....14340
France.....9936	dried, drying, and pres-	statistics.....9624	Tenebrio molitor....12609
Guadeloupe.....13957	ervation under names of	transportation....13799	Tennessee Valley Author-
in plants...10594,10608,	specific commodities.	types.....12308	ity. See U. S. Tennessee
10648	Sunflower	weight and measure-	Valley Authority.
manufacture and refin-	Argentina...10779,10792	ment.....9541,12371	Tetratology. See subhead
ing...9678,13935,13938-	culture.....10672,10783	See also Boars; Feed;	abnormalities under
40,13946,13949,13975	Sunflower-seed flour.14584	names of feeds; and	Insects; and subhead
Mexico.....13955,13966	Surfen.....12001	names of anatomical	anomalies under Live-
Philippine Islands.13952	Surpluses. See subheads	parts, diseases, para-	stock and Poultry.
Portugal.....13958	purchase and sale pro-	sites, and products.	Termites
programs.....9953,13970	grams and surpluses under	Swine fever. See Hog	control.....9840
rationing.....13451	names of products.	cholera.	symbionts....12896,12901
regulation and inspec-	Swallow bug. See Oeciacus	Swine pest. See Hog	See also names of fam-
tion.....9651	vicarius.	cholera.	ilies and genera.
research.....13937	Swarming. See Apiculture,	Syagrus.....12670	Terracing.....11354,
sirup.....13974	colony management,	Symbiosis	11366,11384
situation and outlook...	swarming.	plant.....9720,10038	Testes, of horses....11994
9935,13956,13968	Swede turnips. See Ruta-	Symphytum.....10239	Tetanus
Spain.....13942	bagas.	Synaena.....12597	in horses.....12018
substitutes.13160,13930,	Sweet corn. See Corn,	Syndipnus phygadeuon-	in sheep.....12018
13954,13962,13973	sweet.	toides.....12804	Tetracentron.....10477
Switzerland.....13945	Sweetcane, munj	Synuperha.....12686	Tetraploidy. See Poly-
utilization.....13432	as feed.....11667	Syphilis, in rabbits.12224	ploidy.
See also Sucrose.	Sweetclover	Syrphopodon decipiens....	Tettigoniidae.....12871
Sugar, brown.....13964	effect on soils...11236	10267	See also names of gen-
Sugar-beet root aphid.	Sweetpotatoes	Tabebuia pallida. See	era.
See Pemphigus betae.	as feed.....9657	Trumpet tree, whitewood.	Tex. Agr. Expt. Sta.
Sugar beets	culture.....11008	Taeniothrips inconse-	Winter Haven Substation.
culture.9728,10800,10803	equipment.....12990	quens.....9658	9741
equipment...13000,13002,	processing.....13660	Tamariak.....12752	Tex. and Southwest. Cattle
13015,13017,13027	storage.....9679	Tampala.....11036	Raisers Assoc.....11915
extraction of sugar....	Swine.....12373	Tanks.....12987	Tex. Goat Assoc.....12293
13948,13960,13967	Argentina.....13767		



- Item**  
**Tex. Milking Shorthorn**  
 Assoc.....11783  
**Texas fever. See Tick fever.**  
**Textiles**  
 Great Britain.....9875  
 industry.....9542  
 marketing.....9542  
 moisture.....13510  
 processing...13527,13530  
See also Fibers; and  
 names of textiles.  
*Thamnurgus*.....12648  
*Thatch*.....13107  
*Thelairosoma*.....12725  
*Thelocactus bicolor*..10937  
*Theobaldia longiareolata*..12746  
**Theron, Johan Abraham**....14664  
**Thiamine**  
 in fruit.....14573  
 in meat.....14607  
 in vegetables.....14571,  
 14594  
See also Vitamin B.  
*Thistle*.....10531  
*Thrips*.....9658  
*Thrips tabaci*..9658,12894,  
 12903  
**Throat botfly. See**  
*Gasterophilus nasalis*.  
*Tibicin linnei*.....12756  
**Tick fever**  
 in cattle.....11728  
See also names of tick-  
 borne diseases.  
**Ticks**  
 and disease.....12581  
See also names of fam-  
 ilies and genera.  
*Tierärztliche Fachschule*  
*zu Zutphen*.....11707  
*Tillage*..11296,11299,11301,  
 11304-5,11307  
 effect on soil.....11302  
See also Plowing; Flows;  
 and subhead culture  
 under names of plants.  
*Tillandsia, treebeard*.....  
 10141  
*Tillet, Mathieu*.....10345  
*Tilletia*.....10365  
See also Smut.  
**Timber**  
 marketing.....11527  
See also Buildings, con-  
 struction; Forests;  
 Lumber; Wood.  
*Timonius*.....10223  
*Tinea*.....12837  
*Tipulidae*.....12693  
See also names of gen-  
 era.  
*Tisserantiella n. g.*..10270  
**Tissue cultures**  
 plant.....10016,10548,  
 10572,10582-3  
*Titanophora n. g.*.....10273  
*Toads*.....12374  
**Tobacco**  
 anatomy and physiology..  
 9536,9566,10440,10805  
 Argentina.....13979  
 Canada.....13985  
 Colombia.....10806  
 culture.....10808  
 curing.....13978,13981-2  
 diseases...10071,10374,  
 10391,10394,12411  
 Europe.....13984  
 harvesting.....9795  
 history.....9910  
**Tobacco--Continued.**  
 insurance.....9595  
 Jamaica.....13986  
 marketing.....9615,13976  
 pests.....12411,12805  
 postwar.....13980  
 resistance.....9531  
 situation and outlook...  
 13977  
 soils.....11218  
 Spain.....13983  
 statistics.....9622  
 Turkey.....10804  
 varieties...10804,10807  
*Tobacco, burley*..9795,13982  
*Todea barbara*.....10474  
*Tofieldia calyculata*..10899  
*Tomato pinworm. See*  
*Keiferia lycopersicella*.  
*Tomatoes*.....9538  
 anatomy and physiology..  
 10543,11027,11042  
 Australia.....11025  
 breeding.....10501  
 canned.....13636  
 culture...11034,11037-8,  
 11044,11048  
 diseases...10071,10292,  
 10306,10338,10351,  
 10376,10605,11192  
 fertilizers..11226,11244  
 fruit set...11027,11050  
 peeling.....13618  
 pests.....12843  
 planting.....11032  
 soils.....11261  
 spraying and dusting...  
 9658  
 Tongues, of horses...12005  
 Tools. See names of tools.  
*Toon, Australian*....10652  
*Toona australis. See*  
*Toon, Australian*.  
*Toon, Australian*....10202  
*Topobea*.....10202  
*Tortillas*.....14570  
*Tortrix*.....12837  
**Town and country planning**  
 Great Britain..9886,9894,  
 9900,14349  
See also Communities,  
 planning.  
**Town and Country Planning**  
 Act (Great Britain),  
 1944.....14263  
*Toxins*.....10635  
**Trace elements. See** Minor  
 elements.  
*Tractors*.....11549,12927,  
 12932,13043-4,13047-8  
 maintenance and repair..  
 12960,13049,13053  
 specifications.....9915  
 statistics.....13052  
**Trade**  
 Africa.....14487  
 agreements and treaties..  
 9905,14492,14501  
 Argentina.....14476  
 Canada.....14479  
 Colombia.....14502  
 Cuba.....14499  
 Egypt.....14477  
 Europe.....14487,14489  
 foreign....14481,14485,  
 14498,14500  
 France.....14491  
 French North Africa.....  
 14011  
 Germany.....14483,14499  
 Great Britain.....14483  
 inter-American.....13170  
 14480  
**Trade--Continued.**  
 international....14474,  
 14485,14490,14496  
 Iraq.....14477  
 Italian Africa...14488-9  
 Italian Colonies...14475  
 Italian East Africa....  
 14497  
 Italy.....14475,14488  
 Japan.....14499  
 Mexico.....14484,14493  
 New Zealand.....14478  
 Palestine.....14477  
 regulation.....14496  
 situation and outlook...  
 9598  
See also under names of  
 products.  
*Trangie (N. S. Wales)*  
 Expt. Farm.....12246  
**Transplanting. See** under  
 Trees; and subhead plant-  
 ing under names of plants.  
**Transportation**  
 New Zealand.....13207  
 refrigeration.....13214  
See also Airplanes,  
 transportation; and  
 under names of com-  
 modities.  
*Tranzschellia pruni-*  
*spinosa*. See Rust, of  
*Prunus*.  
**Traps. See** Baits and traps  
**Treaties. See** Trade,  
 agreements and treaties;  
 and subhead agreements  
 under specific subjects.  
*Trechodes lepesmei n. sp.*..  
 12687  
**Trees**.....10028  
 anatomy and physiology..  
 10468,10522,10555  
 bark.....10468  
 browsing.....10740  
 culture.....9632,9839  
 diseases...10028,10326,  
 12433,12821  
 resistance.....10321  
 effect on soils...11195  
 fertilizers.....10045  
 Florida.....11482  
 Great Britain.....9990  
 injuries...10299,10325,  
 11533,12636  
 Italy.....11488  
 killing.....10098  
 names.....10155  
 notable.....11553  
 ornamental..9996,10814,  
 11001  
 pests.....12821  
 planting....9632,10654,  
 10663,10889,10965,  
 11629  
 pruning.....11001  
 reproduction.....12636  
 seeds.....10654  
 transplanting.....10954  
 tropical and subtrop-  
 ical.....10224  
See also Forests; Nurs-  
 eries (plant); Wind-  
 breaks; and names and  
 classes of trees.  
*Triaenogenius*.....12610  
*Tribelocephala pullata*  
*n. sp.*.....12779  
*Trichinella spiralis*..11737  
**Trichomoniasis**  
 in cattle.....11878  
**Trichoptera**  
 Belgian Congo.....9975



Item	Item	Item	Item
Typhus--Continued.	U. S. War Dept. <u>See</u> U. S.	Vegetables--Continued.	Veterinary medicine--Con-
<u>See also</u> Scrub typhus.	Army.	seeds...11026,13927,14486	tinued.
Udders, of cattle...11871,	Urea, in animal nutrition.	spraying and dusting....	Germany.....11707,14722
11873	11673	9658	Great Britain.....9959
Ukraine. Narodnyi	Urtica pilulifera...10454	statistics....9554,9556,	history.....11720,11730
Komissariat Zemledel'ia..	Ustilago hordei.....10382	9613	India...11692,11720,11735
14695	<u>See also</u> Smut, of	storage.....9754,13113	Italian Africa.....14158
Uloborus.....12586	barley.	substitutes.....14560	practice....11698,11703,
Ultraviolet ray.....13032,	Ustilago muda. <u>See</u> Smut,	Switzerland.....11041	11745,14679
13672	of barley.	trade.....9770,14484	study and teaching.....
effect on plants...10563	Ustilago spagazzinii. <u>See</u>	transportation...13214,	11707,11719,11735
<u>See also</u> Wood's light.	Smut, of grass.	13599,13602	technique and equipment.
Undulant fever. <u>See</u>	Uterus, of horses....12001	U. S. S. R.....10068	11713,11721,
Brucellosis, in man.	Vaccines.....12023,13919	varieties....10811,11018	11725,11892
Unemployment. <u>See</u> Labor.	<u>See also</u> Brucella	<u>See also</u> 4-H Clubs, gar-	U. S. S. R..11719,11723,
Union Cotonniere de	abortus, vaccines; Im-	dens; Gardens and gar-	11738
l'Empire Français....9948	munization; and names	dening, victory;	<u>See also</u> Autopsies; Im-
United Nations Conf. on	of vaccines.	Greenhouses, vegetable	munization; Injections;
Food and Agr.....9938	Vaginitis, in cattle.11899	culture; Root crops;	name of drugs, dis-
United Nations Food and	Vail, Elias.....9966	Truck farming; and	eases, and organisms;
Agriculture Organization.	Valdensia heterodoxa	names of vegetables.	and subheads diseases,
<u>See</u> Food and Agriculture	on beech.....10332	Vegetables, leafy....14613	parasites, and surgery
Organization of the	Valves.....13054	Vegetation	under names of animals.
United Nations.	Vanilla.9581-2,13284,13321	Argentina	Veterinary Res. Inst. of
United Nations Relief and	anatomy and physiology..	La Plata Region..10101	the Red Army. <u>See</u>
Rehabil. Admin.....9858,	11107	Australia, Queensland...	Veterinarnyi Nauchno-
13167,14025	Vaseline.....11632	10156	Issledovatel'skii Insti-
U. S. Army	Vats.....13101	Kenya.....10010	tut Krasnoi Armii.
food...11019,11031,13269	Veal.....9624	Pacific Islands....10089	Vetiver.....11088
pest control.12415,12423	Vegetables	Palestine.....10124	Victory Farm Volunteers...14069
<u>See also</u> Armed forces;	Australia.....13600	Union of South Africa	
Nutrition (human),	blanching.....13653	Cape of Good Hope,	Victory gardens. <u>See</u>
armed forces; Veterans;	breeding.....11033	Drakenberg Mountains.	Gardens and gardening,
and subheads armed	California.....13546	10123	victory.
forces and war use	Canada.....13593	<u>See also</u> Ecology, plant;	Villages, China.....9901
under names of animals	canned.....9651,13248	Flora; Revegetation.	Vinegar 9937,13301,13315
and commodities.	bacteria.....13642	Veneers.....11621,11623	Vines. <u>See also</u> Climbing
U. S. Dept. of Agr.	vitamins.....14591	<u>See also</u> Plywood.	plants.
Agr. Adjust. Agency.....	canning	Ventilation. <u>See</u> under	Vineyards. <u>See</u> Grapes.
9546,13236	cooperative....13252,	Poultry, housing.	Viola.....10105,10991
Agr. and Indus. Chem.,	13664	Venturia inaequalis. <u>See</u>	Viola silvestris.....10438
Bur. of	home.....9849,13628	Scab, of apple; Scab, of	Violet. <u>See</u> Viola.
East. Region. Res.	color.....13601	pear.	Virus Y, of sweetpotato...10391
Lab. publications....	cookery.....9537,9833	Vergil (Publius Ver-	Viruses and virus diseases
9551	costs and returns...9861	gilius Maro). Georgics...10080	(animal).....11750
North. Region. Res.	culture..9694,9730,9861,	Vernonia.....10209	<u>See also</u> names of dis-
Lab.....14693	10030,11019,11031	Vetch.....9783,10745	eases and under names
Commodity Credit Corp...9904	home raising....10008	diseases.....10353	of animals.
Distribution, Off. of	diseases	Vetch, hairy.....11163	Viruses and virus dis-
Meat Insp. Div....13806	control....10328,10373	Veterans	eases (plant).....10393
Ext. Serv.....9585	South Dakota....10301	advisory services	of cassava.....10395
Farm Credit Admin..9904,	dried.....13578	bibliographies....9584	of fruit.....10302
14032	fertilizers.....11235	apiculture...12467,12474	properties.....10071
Farm Security Admin....14401	for processing....11238,	credit.....9593	<u>See also</u> Degeneration
Fed. Crop Insurance	13630	employment.....14087	disease; Mosaic; Phloem
Corp.....9597,14052	France.....13632	farming...14223,14226-7,	necrosis; Virus Y; and
Forest Serv.....11689	freezing.....9529,13622,	14234,14241,14253,	under names of plants.
Mktg. Serv., Off. of....9612	13631,13645,	14255	Viscum album.....10186
personnel.....9610,9625	13647,13665	housing.....9921,10075	Vitaceae.....10233
Rural Electrifi. Admin...9629,9922	Germany.....9933	land settlement...9903,	Vitamin A.....14586
Soil Conserv. Serv.	grading and standardiza-	9921,14298	in animal nutrition....
personnel.....9636	tion.....9623	Australia.....14333	12317,12325
<u>See also</u> names of soil	Great Britain.....9861	Canada.....14309	in butter...14565,14580,
conservation dis-	Hawaii.....9770	occupational therapy....14397	14606
tricts.	Hungary.....13567	training.....14397	in food.....14581
War Food Admin.....13924	India.....9998	Veterans Land Act	in human nutrition.14609
U. S. Fish and Wildlife	juices.....9651,13652	(Canada), 1942.....14309	in liver....14575,14598
Serv.....12225	marketing....9618,13600	Veterinarians.....11730	<u>See also</u> Carotene.
U. S. Government	nutritive value...9979,	directories.....11693	Vitamin B.....14563
publications. <u>See</u> under	14578	Veterinarnyi Nauchno-	in animal nutrition....
names of agencies.	packaging....13612,13614	Issledovatel'skii Insti-	11954
U. S. Navy.....12729	pests..9658,12412,12446,	tut Krasnoi Armii Ordena	tests.....9750
U. S. Off. of Price Admin.	12450,12459	Krasnoi Zvezdy.....11738	<u>See also</u> Aneurin; Niacin;
9553,10075,13238,	planting...11013,11018,	Veterinary medicine...9962	Riboflavin; Thiamine.
13781,13910	11029,11040,11047	Africa.....11734	Vitamin B <sub>1</sub> <u>See</u> Aneurin;
U. S. Tenn. Valley	postwar.....13571	associations.....11692	Thiamine.
Authority.....9904,12731	preservation..9666,13632	Bulgaria.....11739	Vitamin B <sub>2</sub> <u>See</u> Niacin;
U. S. Veterans Admin.14504	home.....13649	diagnostic methods.....	Riboflavin.
	processed, grading and	11695,11733,11746	Vitamin C
	standardization...9535	directories.....11693	and health.....9834
	products....13248,13583	drugs.....11731,12111	in food.....14557
	salted.....13643		in fruit.....14605



- Vitamin C--Continued.**  
in milk.....14593  
in plants...10556,10610,  
10629,10646  
in vegetables.....14591  
See also Ascorbic acid.
- Vitamin D**  
in animal nutrition.....  
11654  
in liver.....14598
- Vitamin G.** See Riboflavin.
- Vitamins.**14577,14596,14608  
effect on fungi....10550  
Germany.....9981  
in animal nutrition.....  
11664-5  
in poultry nutrition....  
9693  
stability...14561,14610,  
14612  
therapeutic use....11736  
See also Growth sub-  
stances for plants;  
names of specific vita-  
mins; and under names  
of products.
- Vitis.** See Grapes.
- Volinus**.....12662
- Vsesoiznoe Obshchestvo**  
**Pochvovedov**.....11119
- Wages**  
Canada.....14080  
France.....14064,14067,  
14073-4,14077  
in industry.....11554  
regulation.....14056  
Wales.....9892
- Wah, in sheep and goats**...  
12256
- Walnut, eastern black**....  
13584
- wood**.....11528
- Walnut**  
pests.....9658  
varieties.....10041
- War bonds.** See under  
Investments.
- War damage**.....14324  
See also Reconstruction;  
Relief and rehabilita-  
tion
- Wasmannia auropunctata**....  
12799
- Wasps**  
hornets.....12375  
See also names of fam-  
ilies and genera.
- Waste.** See under names of  
products.
- Water**  
conservation.11377,11382  
Illinois.....9638  
effect on plants...11226  
Germany.....11345  
rain.....11139  
resources.....14630  
Georgia.....10049  
rights.....9634,11339  
supply.....13121,13129  
Columbia River Basin..  
11349  
Great Basin.....11348  
Hawaii.....11346  
Missouri River Basin..  
11347  
Ohio.....11323  
Oregon.....11349  
systems.....13124,13142  
underground.....11342
- Water--Continued.**  
See also Floods, con-  
trol; Irrigation;  
Ponds; Precipitation;  
Runoff; Soils, moisture.
- Water hyacinth.** See  
Eichhornia crassipes.
- Water troughs.** See Tanks.
- Watering.** See under names  
of animals.
- Waxes**.....10043,13845  
insect.....12803  
See also names of waxes.
- Weather.** See Climate and  
weather.
- Weavers-broom**.....10731
- Weeds**  
control...11057-8,11066,  
11073,11076-7  
chemical...10575,11054,  
11056,11062,11078  
growth substances....  
11079  
oil sprays.....11068,  
11072  
India.....10009  
New Zealand.....11063  
seeds.....11055,11065  
South Africa.....11059  
See also names of weeds.
- Weevils**  
Uruguay.....12684  
See also Curculionidae;  
and names of families  
and genera.
- Weights and measures**.....13222
- Italian Africa**.....13224
- Weischer, F.**.....11896
- Welding**.....13045
- Welfare.** See Social wel-  
fare; Youth, welfare.
- Wertheim, I.**.....12519
- Western N. Y. State Egg**  
**Laying Test**.....12180
- Western pine beetle.** See  
Dendroctonus brevicornis.
- Wheat**  
anatomy and physiology..  
10451,10566,10576,  
10707,13670,  
13672,13698-700  
Argentina....10677,13673  
Australia.....13681  
biochemistry.....10624  
breeding....10690,10703  
culture....10676,10701,  
10711  
diseases....10329,10345,  
10365,10389  
control....10337,10348  
fertilizers..9789,10054,  
11250,11266  
France.....10576,13691,  
13698-700  
grading and standardiza-  
tion.....13697  
Guatemala.....10713  
hybrids....10688,10720  
Italian East Africa....  
10684  
Italy.....10687,10710,  
10717-18  
marketing.....13667  
pests.....9563  
planting.....9563  
prices.....13681  
seed.....10702,12966  
situation and outlook...  
13667  
U. S. S. R....10068,10758  
utilization..13680,13703
- Wheat--Continued.**  
varieties...10693,10695,  
10697,10705,10719,  
13673,13686  
See also Flour; Insur-  
ance, wheat; Mills and  
milling.
- Wheat germ**.....13684
- Wheat-germ oil**.....13863
- Wheat grits**.....13711
- Wheatgrass**.....10764
- Wheatgrass, crested**.....10767,  
10776
- Whey, as feed**  
for swine.....12331
- White ants.** See Termites.
- Wickard, C. R.**.....9922
- Wild flowers**.....10143  
for gardens.....10970
- Wild plants, as food.** See  
Food plants, wild.
- Wild-rye**.....10673
- Wildlife**  
Argentina.....14342  
conservation.11314,14641  
parasites.....12440  
See also Forests, wild-  
life relations; 4-H  
Clubs, wildlife; Game;  
and names of animals  
and birds.
- Williams, Robert Statham**..  
14644
- Williams, W. L.**.....14679
- Willow**.....10544
- Wilt, of tomato**.....11192
- Wind erosion**.....11391  
Australia....11378,11389  
U. S. S. R....11375
- Windbreaks**.....10316,11522,  
11525,11529
- Windham County (Vt.) Co-op**  
**Milk Prod., Inc.**.....13397
- Wine**.....9937  
analysis and composi-  
tion.....13309  
Argentina.....13282  
Dominican Republic.13319  
fermentation.13285,13294  
France.....13281,13283,  
13286,13289-90,  
13293,13297-8,  
13318,13326,13328  
industry.....13302  
manufacture.....13328  
musts.13295,13300,13314,  
13326  
nutritive value...14564  
Puerto Rico.....13308  
spoilage.....13327  
Switzerland..13300,13314  
See also kinds of wine.
- Wings**  
of insects...12855,12881  
of poultry.....12136
- Wiring, electric**.....13139
- Wis. Conserv. Comm.**.....14641
- Wis. Coop. Wool Growers**  
**Assoc.**.....13501
- Women**  
Italian African  
Colonies.....14307  
labor, Bulgaria...14076
- Wood**  
anatomy.....10224  
Argentina.....11472  
as fuel.....9608,11460,  
11561,11619-20,  
11622  
bonding.....9606  
chemistry.....11561-2  
compressed.....11593
- Wood--Continued.**  
decay.....10375,11559  
distillation.....11582  
Ethiopia.....11506  
Italy.....9942  
pests.....11532  
physical properties....  
9602,9990,11506  
preservation.....11532,  
11564-7  
utilization..9992,11550,  
11573,11578  
chemical.....11569-70  
waste, utilization.....  
9601,9993,  
11556  
See also Lumber; Fly-  
wood; Timber; Veneers;  
and under Plastics.
- Wood industries**....11574-5
- Wood lice.** See Isopoda.
- Wood sugar**.....11562
- Woodlands, farm**.....11523,  
11526,11530-1  
Arkansas.....11524  
Nebraska.....11528
- Wood's light**.....14541
- Woodwork**.....11621
- Woodworking machinery**....  
11557
- Wool**  
analysis and composi-  
tion.....13535  
Angora-rabbit....12209  
Australia.13463-4,13471,  
13492,13496,13499,  
13503-5,13512,13726,  
14206  
Canada.....13540  
Eire.....13488  
Europe.....13476  
fiber.....13519,13542  
France.....13513  
French Colonies...13175  
French West Africa.13761  
grading and standardiza-  
tion.....13503,13509  
Great Britain.....13728  
history.....12295  
Hungary.....13764  
industry.....13739  
marketing....13464,13501  
postwar.....13486  
prices.....13523  
Great Britain...13465  
quality.....13518  
shrinkage.....13523  
situation and outlook...  
13490  
trade.....14473  
weight.....13809  
yields.....13809
- Work management.** See under  
Labor and names of  
industries.
- Worms**.....11699  
in calves.....11862  
in livestock  
India.....11742  
therapy.....11697  
in sheep....12258,12262,  
12270,12276  
See also names of worms  
and anthelmintics.
- Wounds, in horses**...11990,  
11998,12006,  
12023
- Wuchereria**.....12749
- Wuchereria bancrofti**.....12748



<u>Item</u>	<u>Item</u>	<u>Item</u>	<u>Item</u>
X-ray	Yamina.....12681	Yellows, of cabbage..10378	Zanna.....12769
diagnostic use.....11718	Yarn.....13489,13494	Yobius haywardi n. g., n.	Zanthoxylum coco.....10237
effect on plants..10539,	<u>See also</u> Rayon, yarn.	sp.....12563	Zebrina pendula....10638-9
10563	Yeasts.....12764	Youth	Zelindopsis duplaria n.
Xantholinus.....12656	analysis and composi-	agricultural settlement,	g., n. sp.....12722
Xanthomonas pruni	tion.....13998	Canada.....14306	Zenillia.....12722
on peach.....10387	brewers'.....13994	education and training..	Zeuxine strateumatica.....
on plum.....10387	as feed, for swine....	14396,14411	10171
Xyelatana lugdunensis n.	12328	migration.....14210	Zinc, in food.....13193
sp.....12786	utilization.....13989	welfare.....14396,14406	Zonabris.....12670
Xyleborus gezei n. sp.....	Yellow fever	<u>See also</u> Clubs, youth;	Zoning. <u>See</u> Land, zoning.
12650	transmission.....12750	Education; 4-H Clubs;	Zoology.....10063,10067
Xylidae	Yellow-fever mosquito.	Future Farmers of	nomenclature.....14621
France.....12786	<u>See</u> Aedes aegypti.	Amer.; Nutrition (hu-	Zygaena
<u>See also</u> names of gen-	Yellow mealworm. <u>See</u>	man), youth.	France.....12835
era.	Tenebrio molitor.		Morocco.....12849
Xylobius basalis n. sp....	Yellow poplar. <u>See</u>		
12629	Tuliptrees.		



## PUBLICATIONS WANTED

If you can supply any of the publications listed below through purchase, gift, or exchange, please notify the Library, United States Department of Agriculture, Washington 25, D. C.

- Acta nicotiana. Hrag. von den Generalsekretaren des Kongresses der Internationalen Tabakwissenschaftlichen Gesellschaft, Bremen. v. I, II. Berlin.
- Alzear, M. P. Observations Pratiques sur la Prévention Physiologique de l'Avertement Epizootique des Bovides. Dépôt, 1937.
- Auphelle, C. Le Crédit Agricole Mutuel Indigène en Indochine Française. Paris, 1939.
- Amann, G. Kerfe des Waldes, 1939. (Supplement to Neudammer Forstliches Lehrbuch 1939) Neudamm, 1939.
- Appert, M. Le Bananier et la Culture. Paris, 1934.
- Arredondo, A. El Crédito Agrícola en Mexico. Havana, 1943.
- Babet-Charton, H. Fromages Parfaits, Facilement Faits. Paris.
- Bacon, L. B. World Trade in Agricultural Products. Rome, 1940.
- Bélime, E. La Production du Coton en Afrique Occidentale Française. Paris, 1925.
- Biasutti, R. La Casa Rurale nella Toscana. (Consiglio Nazionale delle Ricerche, Comitato Nazionale per la Geografia) Bologna, 1938.
- Boldingh, I. Zakflora voor de Landbouwstroken op Java. Ed. 5. Weltevreden-Bandoeng, 1930.
- Bondouy, T. Composition Chimique des Téguments des Némathelminthes. Tours, 1932.
- Calkoen, H. J. Uredineae en Ustilagineae van Nederland. Amsterdam, 1883.
- Chase, S. The New Western Front. New York, 1939.
- Chevalier, A. Ressources Végétales du Sahara et de Ses Confines Nord et Sud. Paris, 1932.
- Cole, R. V. The Artistic Anatomy of Trees, Their Structure and Their Treatment in Painting. Ed. 2. Philadelphia, 1925.
- Colorado River Upper Basin States Committee, Report and Proceedings of the Fact Finding Committee of the Upper Colorado River Basin States. 2 v. 1938.
- Committee for Economic Development. C. E. D. News v. 1, No. 1, 1943  
v. 2, Nos. 3-4, May-July 1944
- Conference Internationale des Engrais Chimiques, 3. Berne, 1934. Rapports. Berne.
- Congrès de l'Enseignement Agricole Départemental Tenu à Bordeaux en juin 1936. [Proceedings.] Bordeaux.
- Congrès des Chambres de Commerce et des Chambres d'Agriculture de la France d'Outre-mer, 2, 1934. [Comptes Rendus et Rapports.] 1938?
- Congrès International d'Apiculture. Compte Rendu. Paris, 1937.
- Congrès International de Géographie. Amsterdam. Compte Rendu. v. 2. Amsterdam? 1938.
- Congrès International Technique et Chimique des Industries Agricoles, 6, Budapest. Comptes Rendus. Budapest, 1939.
- Congrès National du Raisin et du Jus de Raisin, 2, Paris, 1937. Compte Rendu et Rapports. Paris, 1937.
- Congrès Scientifique International d'Acclimatation, 2, Paris, 1937. La Science de l'Alimentation en 1937. Rapports. (Comptes Rendus des Séances et Discussion des Rapports.) v. 2. Paris?
- Culver, F. B. Blooded Horses of Colonial Days. Baltimore, 1922.
- Curtis, C. G. Nature and Development of Plants. Ed. 7. New York, 1925?
- Doyard, P. Etude de la Teneur et de la Répartition du Manganèse et du Ditane chez *Chlora Perfoliata*. Paris, 1937.
- Edwards, P. L. The Diary of Philip Leget Edwards; the Great Cattle Drive from California to Oregon in 1837. (Rare Americana Series, No. 4) San Francisco, 1932.
- Fédération Nationale des Caisses Agricoles d'Allocations Familiales. La Journée Agricole du XVIIIème Congrès des Allocations Familiales, Nancy, 24 mai 1938. Paris, 1939?
- Flint, C. F. Chemistry and Technology of Rubber Latex. New York, 1938.
- Florence. Accademia dei Georgofili. Ente Economico dell'Olivicoltura. Convegno di Studi Olivicoli. Firenze, 15-17 maggio, 1942-XX. Firenze, 1942.
- Galigher, A. E. Essentials of Practical Microtechnique in Animal Biology. Berkeley, 1934.
- Garnier, E. L'Agriculture dans le Département de la Seine et le Marché Parisien du Point de Vue Ravitaillement Alimentaire. Poitiers, 1939.
- Gell, F., comp. A Hand-book for Use in the Jungles of Western India; Being a Catalogue of Native Names of Trees and Plants, with References to Their Scientific Descriptions. Bombay, 1863.
- Girod, F. N. L. Le *Pediculoides Ventriscosus*, son Rôle Pathogène - Sa Fréquence en Algérie. (Univ. d'Alger. Faculté Mixte de Médecine et de Pharmacie d'Alger. Année 1936, No. 11) Alger, 1936.
- Hock, E. L. W. Augustine Herrman, Beginner of the Virginia Tobacco Trade, Merchant of New Amsterdam and First Lord of Bohemia Manor in Maryland. 1941.
- Hoffmann, M. Die Düngerfibel. Neubearb. v. Dr. Hans Bütrow. (Reichenährstand. Arbeiten. v. 49) Ed. 26. Berlin, 1929.
- International Congress of Tropical & Sub-tropical Agriculture, 7, Paris. Comptes Rendus et Rapports. Paris, 1939.
- Jaeger, P. Morphologie et Biologie Florales chez les Dipsacacées. Colmar, 1938.
- The Jefferson County (N. Y.) Farm Bureau News v. 7, No. 6, May 1944
- Lindley, J. Introduction to Botany. Ed. 4, 2 v. London, 1848.
- Martin y Cia., Ltda. Que Es la Yerba Mate. Rosario, 1942.
- Merlan, M. S. Dissertations sur la Génération et les Transformations des Insectes de Surinam. Dissertatio de Generatione et Metamorphosis Insectorum Surinamensium. The Hague, 1726.
- Mexico. Dirección de Economía Rural. Mercado - Agrícola - Ganadero. May 26, Dec. 8, 1944, Jan. 5, 1945
- Naval Stores Review v. 50, Nos. 40-52, Jan. 4-Mar. 29, 1941
- Orchardist of New Zealand Nos. 1, 11, Jan., Nov. 1944
- Potel, P. Le Problème du Pain. v. 3. La Qualité des Blés et Son Amélioration. (Nutrition, published under direction of Emile F. Terroine. v. 12) Paris, 1938.
- Ramaley, F. Economic Botany. Boulder, Colo., 1930.
- Scientific Expedition to Manchoukuo, 1, 1933. Report. Sect. 5, div. 1, pt. 4, art. 10 (Kishida, K. Arachnida of Jehol. Order Scorpiones); sect. 5, div. 1, pt. 4, art. 13 (Arachnida, Acarina) Tokyo, 1939.
- Trivelli Franzolini, H. Expansión y Estructura Agrarias de Chile. Santiago, 1941.
- University of Chicago Round Table No. 370 (The Road to Serfdom)
- University of Miami Hispanic-American Studies No. 4. Miami.
- University of Washington Publications in Biology. v. 6, No. 2 (Hepaticae of North America, by T. C. Frye). Seattle.
- Veterinary Medicine (Chicago) v. 39, No. 6, June 1944
- Welfare Federation of Cleveland. Nutrition Bulletin Apr., June 1943. Cleveland.
- Yakhontov, V. V. Pink Bollworm in Foreign Literature. Pts. I & II. (Inform. Bull. Obz. Inostr. Lit. Khlop. No. 7-8) 1937. [In Russian.] Tashkent, 1937.

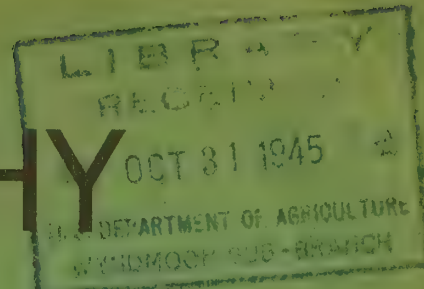






3471  
M14  
checked

# BIBLIOGRAPHY OF AGRICULTURE



U.S. DEPARTMENT  
OF AGRICULTURE  
LIBRARY





United States Department of Agriculture Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B.—Bulletin; C.—Circular; J.—Journal; P.—Publication; Q.—Quarterly; U.—University; U. S. D. A.—United States Department of Agriculture; Ybk.—Yearbook; Z.—Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

**MICROFILMS:**

Periodical Articles.—A flat charge of 50 cents for any single article, from any single volume of a periodical.

Books and Serial Publications.—50 cents for each 50 pages or fraction thereof.

**PHOTOPRINTS:**

50 cents for each 10 pages of text or fraction thereof.



# UNITED STATES DEPARTMENT OF AGRICULTURE

## LIBRARY

### BIBLIOGRAPHY OF AGRICULTURE

Vol. 7

October 1945  
Items 14723-19878

No. 4

#### CONTENTS

Item	Item	Item
U. S. D. A. PUBLICATIONS.....	Soils and Fertilizers..16284-	Lumbering.....16635
14723-14958	16560	Equipment.....16644
STATE AGR. EXPT. STA.	Soil Science.....16284	Logging.....16645
PUBLICATIONS.....14959-15028	Soil Physics.....16284	Wood Technology.....16648
STATE AGR. EXT. SERV.	Soil Chemistry and	Chemical and Physical
PUBLICATIONS.....15029-15113	Mineralogy.....16291	Properties.....16648
BOOKS AND PAMPHLETS.....15114-	Soil Biology.....16305	Preservative Treat-
15315	Soil-Plant Relation-	ment.....16650
PERIODICAL AND SERIAL	ships and Soil Re-	Seasoning and Con-
LITERATURE.....15316-19878	quirements.....16311	ditioning.....16651
Plant Science.....15316-16283	Soil Genesis, Formation,	Forest Products.....16654
Systematic and Geographic	Classification, and	Barrels, Boxes, and
Botany.....15344	Mapping.....16316	Crates.....16671
Spermatophytes.....15350	Soil Management.....16325	Charcoal.....16673
Bryophytes.....15389	Soil Fertility.....16331	Furniture.....16679
Algae.....15390	Soil Tilth and Till-	Naval Stores.....16683
Fungi and Lichens..15393	age.....16406	Plastics.....16686
Pathology.....15412	Drainage, Irrigation,	Pulp and Paper.....16690
Fungus Diseases.....15467	Water Supply, and	Tanning Materials...16702
Bacterial Diseases..15532	Flood Control.....16419	Veneers and Plywood..16703
Virus Diseases.....15541	Erosion and Erosion	Wood as Fuel.....16708
Diseases Caused by	Control.....16484	Miscellaneous.....16712
Nematodes.....15559	Sanitation.....16521	Education.....16721
Ecology.....15561	Materials for Soil Im-	Engineering.....16724
Morphology, Anatomy, and	provement.....16524	Forest Influences...16725
Cytology.....15569	Primary Materials...16532	Wildlife.....16726
Genetics.....15604	Secondary and Minor	Animal Industry...16728-17661
Physiology.....15619	Element Materials..16538	Breeds and Breeding..16728
Biochemistry.....15694	Fertilizer Statistics....	Feeds and Feeding....16742
Silviculture.....15735	16541	Veterinary Medicine..16776
Field Crops.....15750	Mineral Soil Amend-	Miscellaneous.....16865
Cereals.....15760	ments.....16542	Cattle.....16877
Fiber Crops.....15806	Manures and Composts....	Breeds and Breeding..16877
Forage Crops and	16545	Feeds and Feeding...16933
Grasses.....15810	Forestry.....16561-16727	Veterinary Medicine..16974
Oil Crops.....15862	Forest Economics and	Miscellaneous.....17048
Sugar Crops.....15869	Policy.....16561	Dogs and Cats.....17096
Tobacco.....15878	Legislation.....16580	Breeds and Breeding..17096
Horticultural Crops...15886	Prices.....16581	Feeds and Feeding...17108
Fruits.....15899	Forest Description and	Veterinary Medicine..17109
Citrus and Subtrop-	Resources.....16582	Miscellaneous.....17141
ical.....15907	Individual Genera and	Horses and Mules....17148
Deciduous.....15953	Species.....16592	Breeds and Breeding..17148
Small.....15979	Forest Administration and	Feeds and Feeding...17157
Nuts.....15993	Management.....16601	Veterinary Medicine..17163
Ornamental Plants...15997	Administration.....16619	Miscellaneous.....17195
Vegetable and Truck	Farm Woodlands.....16620	Poultry.....17212
Crops.....16173	Mensuration.....16626	Breeds and Breeding..17212
Weeds and Poisonous	Forest Protection and	Feeds and Feeding...17263
Plants.....16241	Damage.....16631	Veterinary Medicine..17303
Miscellaneous Economic	Fire.....16631	Miscellaneous.....17354
Plants.....16257		



Item	Item	Item
Rabbits.....17451	Distribution, Marketing, and Transportation...18426	Rubber and Rubber Sub- stitutes.....19106
Breeds and Breeding...17451	Grading, Inspection, Standardization, and Quality.....18451	Seeds.....19120
Feeds and Feeding...17496	Packing and Packaging...18456	Sugar and Sirups.....19129
Veterinary Medicine...17504	Prices, Price Control, and Rationing.....18461	Tobacco.....19148
Miscellaneous.....17508	Processing and Storage..... 18472	Miscellaneous Products..... 19154
Sheep and Goats.....17535	Statistics.....18483	Agricultural Economics and Rural Sociology...19175-19730
Breeds and Breeding...17535	Beverages and Condiments... 18492	Agricultural Finance...19215
Feeds and Feeding...17544	Dairy Products.....18536	Credit.....19215
Veterinary Medicine...17547	Analysis and Composi- tion.....18575	Income.....19233
Miscellaneous.....17578	Consumption and Utiliza- tion.....18589	Inflation.....19243
Swine.....17598	Distribution, etc...18590	Insurance.....19246
Breeds and Breeding...17598	Grading, etc.....18604	Taxation.....19249
Feeds and Feeding...17616	Packing and Packaging.... 18614	Agricultural Labor and Wages.....19257
Veterinary Medicine...17633	Prices, etc.....18615	Agriculture - Situation, Policies, and Pro- grams.....19289
Miscellaneous.....17648	Processing and Stor- age.....18617	Agriculture, Post- war.....19394
Entomology.....17662-18191	Statistics.....18641	Subsidies.....19404
General - Economic...17680	Feed and Forage Crops...18642	Cost and Standard of Living.....19413
Apiculture and Apis	Fibers and Textiles...18658	Farm Management and Land Economics.....19414
Mellifera.....17751	Fruits, Vegetables, and Nuts.....18755	Bookkeeping and Records.. 19474
Colony Management...17823	Analysis and Composi- tion.....18796	Cost of Production...19478
Arachnida, Myriapods, Etc.....17849	Consumption and Utiliza- tion.....18797	Land Settlement and Colonization.....19502
Coleoptera.....17910	Distribution, etc...18803	Land Tenure.....19529
Diptera.....17968	Grading, etc.....18815	Land Utilization...19542
Culicidae.....18009	Packing and Packaging.... 18817	Land Values and Valua- tion.....19543
Hemiptera (Heteroptera and Homoptera).....18049	Prices, etc.....18821	Population.....19547
Hymenoptera.....18080	Processing and Stor- age.....18824	Rural Social Organiza- tion.....19556
Lepidoptera.....18097	Statistics.....18850	Human Ecology.....19564
Orthoptera.....18153	Grain and Grain Prod- ucts.....18854	Institutions.....19566
Sericulture and the Silkworm.....18165	Honey and Beeswax...18892	Rural Organizations and Movements.....19668
Smaller Orders.....18176	Livestock and Livestock Products.....18894	Rural Social Psychology... 19703
Anoplura and Mallophaga.. 18185	Analysis and Composi- tion.....18936	Trade, Foreign and Inter- national.....19704
Agricultural Engineering.... 18192-18392	Consumption and Utili- zation.....18938	Food and Human Nutrition... 19731-19798
Farm Machinery.....18210	Distribution, etc...18941	Food Habits.....19759
Tillage Machinery...18251	Grading, etc.....18957	Nutritive and Vitamin Content.....19761
Planting Machines and Fertilizer Distrib- utors.....18254	Prices, etc.....18960	Miscellaneous.....19799-19878
Harvesting, Threshing, Drying, and Processing Equipment.....18255	Processing and Stor- age.....18967	History and Biography...19831
Trucks, Tractors, and Other Farm Power (In- cluding Fuels)....18292	Statistics.....18980	Research.....19859
Farm Structures.....18314	Oils and Oilseeds...18984	Statistics.....19865
Farmhouses.....18320	Poultry and Poultry Products.....19075	New Periodicals and Serials.....19867
Service Buildings...18331		AUTHOR AND SUBJECT INDEXES.
Storage Structures...18367		
Farm Utilities.....18376		
Agricultural Products:		
Processing, Distribution, and Statistics...18393-19174		
Analysis and Composi- tion.....18416		
Consumption and Utiliza- tion.....18421		

U. S. D. A. Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following:

B. - Bulletin; C. - Circular; J. - Journal; P. - Publication; Q. - Quarterly; U. - University; U. S. D. A. - U. S. Department of Agriculture; Ybk. - Yearbook; Z. - Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture, which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

MICROFILMS: 50 cents for any single article, from any single volume of a periodical. Books and Serial Publications.—50 cents for each 50 pages or fraction thereof.

PHOTOPRINTS: 50 cents for each 10 pages of text or fraction thereof.



PUBLICATIONS OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS, STATE AGRICULTURAL EXTENSION SERVICES, AND BOOKS AND PAMPHLETS FROM OTHER SOURCES

U. S. D. A. PUBLICATIONS

Includes printed and processed publications of the Department received in the library during the preceding month, except restricted publications and materials issued for internal administrative use rather than for public distribution.

Periodicals issued by the Department are listed in the June and December issues only; articles in them are indexed currently.

Printed publications may be obtained free upon application to the Office of Information, United States Department of Agriculture, Washington 25, D. C., as long as the Department's supply lasts. After this free distribution is exhausted, publications may be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Processed publications may ordinarily be obtained free of charge from the issuing bureau as long as the supply lasts.

Publications preceded by an asterisk (\*) are not available for distribution; microfilm or photoprint copies can be supplied at the cost of preparing them.

Agricultural Information Series

- 14723 CLAYTON, E. E. Chemicals to kill weeds and diseases in tobacco beds. U. S. D. A. AIS-31. Folder. 1945. 1 Ag84A1
- 14724 HOW AND where to obtain motion pictures of the United States Department of Agriculture. U. S. D. A. AIS-26, 8-p. folder. 1945. 1 Ag84A1
- 14725 SAGEBRUSH to grass; rebuilding western range lands by eliminating sagebrush and planting grass. U. S. D. A. AIS-27, 14 p. 1945. 1 Ag84A1
- 14726 SOIL treatment an aid in termite control. U. S. D. A. AIS-30. Folder. 1945. 1 Ag84A1
- 14727 WHAT are we aiming at? A forest conservation program. U. S. D. A. AIS-10, 12 p. 1945. 1 Ag84A1

Agricultural War Information

- 14728 EGG DISHES for any meal. U. S. D. A. AWI-69, slightly rev., 16 p. 1945. 1 Ag84Aw
- Nutritive value; storage; cooking hints; recipes.
- 14729 4-H IN war and peace. U. S. D. A. AWI-115. Folder. 1945. 1 Ag84Aw

Circulars

- 14730 HANKINS, O. G., and ELLIS, N. R. Composition and nutritive value of pork as related to weights of animals and cuts. U. S. D. A. C. 731, 22 p. 1945. 1 Ag84C

Farmers' Bulletins

- 14731 HARRIS, M. D., THARP, M. M., and TURNER, H. A. Better farm leases. U. S. D. A. Farmers' B. 1969, 41 p. 1945. 1 Ag84F
- Supersedes Farmers' Bulletin No. 1164, The Farm Lease Contract, by L. C. Gray.
- 14732 YERKES, G. E. Propagation of trees and shrubs. U. S. D. A. Farmers' B. 1567, slightly rev., 54 p. 1945. 1 Ag84F

Interbureau Committee on Postwar Programs

- 14733 BETTER health for rural America. 53 p., processed. 1945. 1.90 G2In8Pb

- 14734 POST-WAR readjustments in processing and marketing dehydrated fruits and vegetables. 99 p., processed. 1945. 1.90 G2In8Ppr

Prepared by the Working Group on Post-War Readjustments in Processing and Marketing Facilities and Methods.

Miscellaneous Publications

- 14735 WHAT peace can mean to American farmers; maintenance of full employment. U. S. D. A. Misc. P. 570, 28 p. 1945. 1 Ag84M

Radio Broadcasts (Processed)

- 14736 VAN DEMAN, R., and BOND, C. A. Corn to eat now and next winter. 3 p. July 28, 1945. (Your Home and Garden Program) 1.982 A2V28
- 14737 VAN DEMAN, R., and BOND, C. A. Pickles with sugar...Mildew control in the home. 3 p. Aug. 4, 1945. (Your Home and Garden Program) 1.982 A2V28
- 14738 VAN DEMAN, R., and HALL, F. The right way is the safe way. 3 p. July 21, 1945. (Your Home and Garden Program) 1.982 A2V28
- 14739 VAN DEMAN, R., and BOND, C. A. Safety rules for home canning...Peach velva, a new frozen dessert. 4 p. July 7, 1945. (Your Home and Garden Program) 1.982 A2V28

Unnumbered Publications

- 14740 DO YOU know? A picture quiz on farm safety...Script for use with slide film. 17 p., processed. n. d. 1.90 A2D65
- National Safety Council cooperating.
- 14741 INDUSTRIAL feeding specialist's manual. Unpag. Processed. 1945. 1.90 A2In2
- 14742 WATCH out; livestock, fire, machinery. Farm safety. Poster. 1945. 1.8 Ag81Wa

AGRICULTURAL ADJUSTMENT AGENCY

- 14743 ACREAGE [and production] goals with comparisons. 2 p., processed. 1945. 1.42 Ad4Acr
- Principal crops, 1942-1945.
- 14744 CARTOONS to illustrate your letters. 4 p., processed. 1945. 1.42 Ad4Car
- Supplemental cartoons.
- 14745 DUSTING or spraying peanuts. 4 p., processed. 1945. 1.42 Ad4Ds
- U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering and the Extension Service cooperating.
- Script for broadcast.
- 14746 1945 Agricultural Conservation Program for New York. 1 p., processed. 1945. (NER-910-N. Y. Sup. 3) 1.42 N76F
- Rate of payment for mulching commercial orchards and vegetables.
- 14747 1945 Agricultural Conservation Program, Western Region. 2 p., processed. 1945. (WR-913, Pt. I, Sup. 1) 1.42 W52F
- Instructions for checking and reporting performance.
- 14748 PROCEDURE for 1945 winter cover crop Seed Purchase Program. 10 p., processed. 1945. 1.42 Ad4Prc
- 14749 REVISED procedure for determination of burley tobacco acreages. 4 p., processed. 1945. (Tobacco 919, Sup. 1) 1.42 T55To
- 14750 STATE Agricultural Adjustment Agency offices. 1 p., processed. n. d. 1.42 Ad4Sto
- 14751 SUGGESTED use of mats for advertisements. 4 p., processed. 1945. 1.42 Ad4Sm
- Seed data.
- 14752 URGENT need for immediate marketing of corn. 1 p., processed. 1945. 1.42 C81U



14753 WAR FOOD Administration State and county office instructions, beef cattle production program. 29 p., processed. 1945. (B. P.-1, Rev.) 1.42 Ad4Bp

14754 WAR FOOD Administration State and county office instructions, beef production program. 25 p., processed. 1945. (B. P.-1) 1.42 Ad4Bp

#### AGRICULTURAL AND INDUSTRIAL CHEMISTRY, BUREAU OF

14755 DUNNING, J. W., and LATHROP, E. C. The saccharification of agricultural residues. U. S. Agr. and Indus. Chem. North. Region. Res. Lab. AIC-92, 6 p. Peoria, Ill., n. d. 1.932 A2Ag82  
Published in Indus. and Engin. Chem. 37(1): 24-29. Jan. 1945. 381 J825

#### AGRICULTURAL ECONOMICS, BUREAU OF

14756 APPLE production, by varieties, by areas, 1945 with comparisons. 5 p., processed. 1945. 1.941 S8Ap5

14757 CATTLE on feed - August 1, 1945. 2 p., processed. 1945. 1.9 Ec742Caf

14758 DAVIS, J. F., and others. Wet lands of Virginia and community drainage enterprises. 26 p., processed. 1945. 1.941 L3W53

F. J. Marschner, R. McQuown, and A. J. McChesney, joint authors.

14759 FARM real estate taxes in 1944. 4 p., processed. 1945. 1.9 Ec7Farm

14760 HORTON, D. C. Inter-war credit aids associated with farm ownership and operation. 78 p., processed. 1945. 1.941 F4In82

14761 LET'S talk about world peace organization and what it means to farm people. 10 p., processed. 1945. 1.941 R6L56

U. S. Extension Service cooperating.

An aid for discussion of the United Nations Idea as developed at the various conferences held by the Allied Nations.

14762 LIST of publications and manuscripts, January 1938 to April 1945, Division of Land Economics... Northern Great Plains Region. 11 p., processed. Lincoln, 1945. 1.941 L2L69

14763 MCQUOWN, R. 1943-44 summary of outstanding Federal and State legislation affecting rural land use. 160 p., processed. 1945. (L. E. B. 70) 1.95 B87

14764 METHODS of measuring seasonal variation, and making adjustments for it. 3 p., processed. 1945. 1.941 A22M56

14765 PETERSON, G. R. Size of farm in the Northern Great Plains (war and post-war). 12 p., processed. Lincoln, 1945. 1.941 A2S19

14766 POULTRY; results of W. P. A. Project Study, New York City, 1940-41. 14 p., processed. 1945. 1.941 H2P864

Poultry and egg production study.

14767 PRODUCTION of 18 out of 22 important kinds of vegetable seeds may be larger than in 1943, but many below March expectations. 2 p., processed. 1944. 1.941 S2V522

14768 ROGENESS, O. Post-war adjustments on North Dakota farms; farmer opinions in four counties. 16 p., processed. Lincoln, 1945. 1.941 A5P842

14769 SHORN wool production - 1945. 2 p., processed. 1945. 1.9 Ec742Woo

14770 TECHNICAL supplement to the Bureau of Agricultural Economics general-purpose sample of 101 counties. 32 p., processed. 1945. 1.941 A22B89 Suppl.

14771 THORFINNSEN, T. S. Why some farms change in size. 10 p., processed. Lincoln, 1945. 1.941 L6W62

14772 [TOBACCO] Crop report as of August 1, 1945. 2 p., processed. 1945. 1.941 S8W56

Indicated yield per acre and production by State; by class and type.

14773 WELLS, O. V. Some considerations relating to agriculture, depression and full employment. 11 p., processed. 1945. 1.941 F3W46  
Address to the Vermont Rural Policy Committee, Burlington, Apr. 23, 1945.

#### AGRICULTURAL RESEARCH ADMINISTRATION

14774 FINAL report to the War Production Board on the Food Compression Research Project. 62 p., processed. 1945? 1.98 F49

Covers the period of Oct. 2, 1943 to Aug. 15, 1944.

14775 FISHER, D. F. Apple scald controlled by use of oiled wraps. 2 p., processed. 1945. (R. A. S. 40 (P)) 1.98 R31

Known as a cold storage disease.

14776 ROBERTS, J. W. Self-boiled lime-sulphur spray, first successful fungicide for peach brown rot and scab. 2 p., processed. 1945. (R. A. S. 41 (P)) 1.98 R31

14777 SCHWARTZ, B., and BURCH, D. S. Catalogue of animal parasites of the world. 2 p., processed. 1945. (R. A. S. 43 (A)) 1.98 R31

Development of the Index-Catalogue of Medical and Veterinary Zoology.

14778 SCHWARTZ, B., and BURCH, D. S. Effective drug treatment for hookworms. 2 p., processed. 1945. (R. A. S. 42 (A)) 1.98 R31

Use of tetrachlorethylene for cattle, sheep, and fur-bearing animals.

#### ANIMAL INDUSTRY, BUREAU OF

14779 AMERICAN breed record associations. Sheep. U. S. Bur. Anim. Indus. A. H. D. 5, rev., 1 p., processed. 1945. 1.9 An52Ah

14780 CRESYLIC disinfectants permitted for use in official disinfection; revised list, 1945. U. S. Bur. Anim. Indus. C. Let. 2738, 4 p., processed. 1945. 1.972 A2C49

14781 MARSDEN, S. J. The Beltsville small white turkey. U. S. Bur. Anim. Indus. A. H. D. 31, rev., 4 p., processed. 1945. 1.9 An52Ah

14782 RECORD of tuberculin testing; cooperative tuberculosis eradication work, fiscal year 1945. 1 p., processed. 1945. 1.9 An533R

14783 RULES for preparation, testing, labeling, advertising, and distribution of Brucella abortus stained antigen under U. S. Patent No. 1,816,026. 2 p., processed. 1945. 1.972 A2R86

14784 A SUMMARY of information on station organization and results obtained during the period 1924-1945, (in the cooperative research program). 16 p., processed. Miles City, Mont., U. S. Range Livestock Expt. Sta., 1945. 1.972 A2Sum6

Cattle, horse, sheep, swine, and turkey investigations; range management and rehabilitation; soil and water conservation.

14785 SUPPLEMENT to U. S. record of performance breeders participating in the National Poultry Improvement Plan. 3 p., processed. 1945. (A. H. D. 35, Sup.) 1.9 An52Ah

#### BUDGET AND FINANCE, OFFICE OF

14786 LEGISLATION enacted during the 79th Congress (for that part of the first session from January 3 through August 11, 1945). U. S. Off. Budget and Finance. Budget and Finance C. 820, 20 p., processed. 1945. 1.9 Ag872B

#### COMMODITY CREDIT CORPORATION

14787 1945 purchase contract, Virgin Islands raw sugar. 5 p., processed. 1945? 1.957 P972



## ENTOMOLOGY AND PLANT QUARANTINE, BUREAU OF

14788 BRINDLEY, T. A., and SCHOPP, R. Results of laboratory and field tests with DDT against the pea weevil. U. S. Bur. Ent. and Plant Quar. E-668, 10 p., processed. 1945. 1.9 En83

14789 CRICKETS in the home. U. S. Bur. Ent. and Plant Quar. E-331, rev., 3 p., processed. 1945. 1.9 En83

Methods of control.

14790 GOLDEN nematode of potato; cooperative survey, 1944. 20 p., processed. n. d. 1.967 D2G56  
U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering, Division of Nematology, and various States cooperating.

14791 MCINDOO, N. E. The castor-bean plant [*Ricinus communis*] as a source of insecticides; a review of the literature. U. S. Bur. Ent. and Plant Quar. E-666, 15 p., processed. 1945. 1.9 En83

14792 FARR, T. J., and BAKER, W. L. Tests of DDT on certain sucking insects associated with elm. U. S. Bur. Ent. and Plant Quar. E-667, 7 p., processed. 1945. 1.9 En83

14793 PLANT-QUARANTINE import restrictions of the United Kingdom of Great Britain, Northern Ireland. U. S. Bur. Ent. and Plant Quar. B. E. P. Q.-416, Sup. 1, rev., 1 p., processed. 1945. (E2/Great Britain) 1.9 F73

Gooseberry and currant plants.

14794 STAKMAN, E. C., and LOEGERING, W. Q. Physiologic races of *Puccinia graminis* in the United States in 1943. 10 p., processed. 1945. 1.967 A2P56

Fifth annual report on the prevalence and distribution of races of *Puccinia graminis*. Bureau of Plant Industry, Soils, and Agricultural Engineering and Minnesota Agricultural Experiment Station cooperating.

## EXPERIMENT STATIONS, OFFICE OF

14795 MOORE, R. H. Mineral deficiencies in *Derris elliptica*. Puerto Rico (Mayaguez) Fed. Expt. Sta. B. 43, 26 p. 1945. Ref., p. 24-26. 1 Ex65

14796 NATIONAL cooperative project; conservation of nutritive values of foods. List of published and processed reports. 8 p., processed. 1945. 1.912 N212

## EXTENSION SERVICE

14797 ADDRESSES of State extension foresters. 4 p., processed. 1945. 1.913 A2Ad12

14798 AITON, E. W. Report of progress with extension older youth programs, Northeastern States. Compiled from questionnaires submitted June, 1945. 5 p., processed. 1945. 1.913 O2R29

14799 AITON, E. W. Salient facts on health statistics compiled from Medical Statistics Bulletin No. 3, "Physical Examinations of Selective Service Registrants During Wartime." 5 p., processed. 1945. 1.913 F5Sa3

14800 EXTENSION programs, housing. 4 p., processed. 1945. 1.913 H3Ex88

Based on conference with M. Wilson, Feb. 9, 1945.

14801 FROZEN food locker plants in the United States; eighth annual count, July 1945. 1 p., processed. 1945. 1.913 N3F93

14802 HOW TO improve job instruction. 4 p., processed. 1945. (Ext. Farm Labor C. No. 28) 1.913 E2Ex84

14803 HOW TO improve job relations. 4 p., processed. 1945. (Ext. Farm Labor C. No. 27) 1.913 E2Ex84

14804 INGWALSON, K. W. 4-H postwar programs - organization. 16 p., processed. 1945. 1.913 F3F8272

For discussion use only.

14805 JOB BREAK-DOWN sheet; sealing a farm family food. 1 p., processed. 1945. 1.913 A2J572

14806 KELLY, V. M. A list of written materials filed in the Division of Field Studies and Training. 31 p., processed. 1945. 1.913 S2L69

Studies and teaching materials based on studies and analyses.

14807 LEAGANS, J. P. Outline for discussion on extension program planning for students from other countries - Federal Extension Office, April 16-20, 1945. 18 p., processed. 1945. 1.913 A2Ou83

14808 A LIST of key informational personnel in the United States Department of Agriculture. 3 p., processed. 1945. 1.913 I2L69

14809 LOUGHEAD, M. E. Report of Home-Canning Jar-Ring Testing Conference, Food Technology Laboratory, Massachusetts State College, Amherst, Mass., March 26-29 and May 2-3, 1945. 4 p., processed. 1945. 1.913 C3H75

14810 NICHOLS, E. L. Suggestions for food preservation program. 4 p., processed. 1945. 1.913 F4Su32

14811 PITTMAN, C. W. E. Atlantic coast migration of agricultural workers; areas, crops, maturity, dates. 2 p., processed. 1945? 1.913 E2At6

14812 PROCEDURES for movement of interstate workers at government expense. 6 p., processed. 1945. (EFL C. No. 24) 1.913 E2Ex84

14813 PROPOSED handbook for 4-H leaders on farm and farm home safety. 4 p., processed. 1945. 1.913 F3P943

14814 PUERTO RICO; 1942 plan of work of Pedro Osuna. 8 p., processed. 1945. 1.913 F4P96

14815 QUESTIONS and answers on opportunities in rural life, with particular reference to returning veterans. 5 p., processed. 1945. 1.913 A2Q32

Based on an informal talk made before the Regional Conference of State Extension Directors of the Southern States at New Orleans, Feb. 26, 1945, by Maj. J. W. Firor.

14816 RATIO of 1943 4-H membership, ages 10-20, to 1940 census rural-farm youth and to 1940 census rural youth, ages 10-19; and total number of county extension agents, which includes assistant county extension agents and 4-H Club agents...as of September 1943. 4 p., processed. 1945. 1.913 F3R18

14817 REPORT of committee to develop popular statement on cooperative extension work. 14 p., processed. 1945. 1.913 A2R293

14818 ROKAHR, M. War and postwar home management. 11 p., processed. 1945. 1.913 H3R63

Paper read before Temple University Institute, Philadelphia, Pa., Mar. 14, 1945.

14819 SOME wartime guideposts for 1945 4-H Club programs. 50 p., processed. 1945? 1.913 F3So52

Partial contents: Developing neighborhood and community 4-H Club programs, by J. D. Ensminger, p. 3; Project organization with emphasis on labor-saving practices, by C. C. Malone, p. 3-4; 4-H members' financial program, by J. L. Robinson, p. 4-5; Farm accounting, by Z. L. Galloway, p. 5-6; Home management, by M. Rokahr, p. 6-9; Family relationships, by L. A. Lynde, p. 9-10; Food and nutrition, by M. Birdseye and M. E. Loughead, p. 11-13; Clothing, by A. Sundquist, p. 13-17; Home industries, by R. Adams, p. 17-19; Crop production, by O. S. Fisher, p. 19; Horticulture, by R. J. Haskell, p. 20-21; Entomology, by M. P. Jones, p. 21-26; Plant pathology, by R. J. Haskell, p. 26-27; Livestock, by C. D. Lowe, p. 27-28; Family meat supply, by K. F. Warner, p. 29; Dairy, by A. B. Nystrom, J. B. Parker, R. C. Jones, and W. E. Wintermeyer, p. 29-30; Poultry, by H. L. Shrader, p. 31; Land-use planning, by V. Gilman, p. 32; Soil and water conservation; some suggestions for the 4-H program in 1945, by E. C. Hollinger, W. R. Tascher, and J. V. Webb, p. 33-36; Forestry, by W. K. Williams, p. 36-37; Farm forestry, by A. M. Sowder, p. 37-38; Agricultural engineering, by A. T. Holman, p. 38-40; Grain marketing, by W. B. Combs, p. 40-41;



Marketing supplies and containers, by P. J. Findlen, p. 42; The use of outlook information by rural youth, by H. I. Miller, p. 42-43; Report; outlook conference in relation to 1945 4-H Club programs, by K. W. Ing-walson, p. 43-50.

14820 SUMMARY of poultry and egg marketing conferences. 20 p., processed. 1945. 1.913 G3F86  
Results of four area conferences in the South.

14821 WARREN, G. L. Brief report of the observance of national 4-H Club week, March 3-11, 1945. 6 p., processed. 1945. 1.913 F3B76

14822 YOU CAN work it out yourself. U. S. Ext. Serv. Ext. Serv. C. 430, 8 p., processed. 1945. 1.9 Ex892Esc

An outline for solving problems of families disrupted by the war.

#### FARM CREDIT ADMINISTRATION

14823 FARM Credit Administration directory. Rev., 54 p., processed. Kansas City, Mo., 1945. 1.955 A2D622  
Revision No. 12.

#### FARM SECURITY ADMINISTRATION

14824 HANCOCK, F. Address...on the occasion of the Johnston County Annual Farmers' Day Rally, August 15, 1945, at Smithfield, North Carolina. 7 p., processed. 1945. 1.95 Ad8Ha

Economic situation with particular reference to agriculture and rural life in North Carolina.

14825 POHLMANN, K. E. The problem of transforming post-war planning activities on rural health and sanitation into definite plans of action. 7 p., processed. 1945? 1.95 P946

#### FEDERAL CROP INSURANCE CORPORATION

14826 FCIC wheat handbook for the agent, 1946. 16 p., processed. 1945. 1.952 F314

14827 LOSS adjustment manual for corn. 31 p., processed. 1945? 1.952 L895

14828 LOSS adjustment manual for flax. 25 p., processed. 1945. 1.952 L892

Tentative.

14829 LOSS adjustment manual for tobacco. 29 p., processed. 1945. 1.952 L893

Tentative.

14830 LOSS adjustment manual for wheat. 27 p., processed. 1945. 1.952 L894

Tentative.

14831 PROMOTING Federal crop insurance; layouts and mats for suggested half-page advertisement. 3 p., processed. 1945. 1.952 P942

14832 THE WHY of crop insurance. 2 p., processed. 1945. 1.952 W62

#### FOREIGN AGRICULTURAL RELATIONS, OFFICE OF

14833 SCHREIBER, W. R. Estimated world production, edible tree nuts. 2 p., processed. 1945. 1.943 Es8

14834 SCHREIBER, W. R. Survey of the world fig situation. 8 p., processed. 1945? 1.943 Su7

14835 SUGGESTIONS for regulating the world cotton trade. 3 p., processed. 1945. 1.943 Su3

14836 SUMMARY of world cotton exports by countries (sic) of origin. 3 p., processed. 1945. 1.943 Su62

#### FOREST SERVICE

14837 ANDERSON, E. A., KOEHLER, A., and KRONE, R. H. Instruments for rapidly measuring slope of grain in lumber. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1592, 12 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.

14838 BETTS, H. S. American woods. 3 Nos.

1944. 1.9 F76Am

Eastern hemlock (*Tsuga canadensis*). 5 p. July.

Eastern spruce [*Picea rubra*, *P. glauca*, and *P. mariana*]. 8 p. July.

Yellow-poplar (*Liriodendron tulipifera*). 8 p. July.

14839 BRUCE, H. D., and others. Gluing with low-temperature-setting phenol, resorcinol, and melamine glues; development of joint strength in birch plywood cured at several temperatures for various periods of time. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1531, 27 p. Madison, 1945. 1.9 F761R

W. Z. Olson, J. M. Black, and A. H. Rauch, joint authors.

U. S. Army-Navy-Civil Committee on Aircraft Design Criteria and Wisconsin University cooperating.

Includes a number of diagrams.

14840 FIRE control equipment meeting, Washington, D. C., January 25 to February 3, 1945. 35 p., processed. 1945. 1.962 F1F512

Proceedings of the meeting of the National Fire Control Equipment Committee.

14841 FOREST trails handbook. Rev., 71 p., processed. 1944. 1.962 E2F76

Includes statement of general policy of construction and maintenance; uniform classification; standard specifications; approved methods of location.

14842 HINTS and highlights, wartime forest fire prevention, 1945. 18 p., processed. 1945.

1.962 A2H59

14843 LIST of publications January 1 to June 30, 1945. 12 p., processed. Madison, U. S. Forest Prod. Lab., 1945. 1 F7692L

On wood; glue and plywood; pulp and paper.

14844 MEIER, J. L., JR. Report on use of fire control line machinery, Huron National Forest. Michigan line builder. 21 p., processed. Milwaukee, 1944. 1.962 F1R293

14845 MEIER, J. L., JR. Report on use of fire control line machinery, Huron National Forest. Slip-on tanker. 11 p., processed. 1944. 1.962 F1R292

14846 NOTEBOOK for forest fire wardens and cooperators. 24 p., processed. Milwaukee, 1945. 1.9621 R9N84

Control and suppression of forest fires.

14847 PRODUCTION of lumber, lath, and shingles in California and Nevada, 1944. U. S. Forest Serv. Calif. Forest and Range Expt. Sta. Forest Res. Notes 45, 5 p., processed. Berkeley, 1945. 1.9 F7626R

14848 REPORT on fire control line machinery tests, Ochoco National Forest, May 30-June 5, 1944. West-coast plow. 18 p., processed. Portland, Oreg. 1944. 1.962 F1R294

14849 SAGEBRUSH saga; the story of an opportunity for rebuilding the Western Range by eliminating sagebrush and planting grass. 29 p., processed. 1945. 1.9621 R4Sa1

14850 SUBJECTS illustrated by the photographs in Forest Service collection. 2 p., processed. 1945. 1.962 A2Sul

14851 TALBOT, M. W., and HORMAY, A. L. First-season records of cattle weights from a pine-timber range and a mountain meadow range. U. S. Forest Serv. Calif. Forest and Range Expt. Sta. Forest Res. Note 44, 8 p., processed. Berkeley, 1945. 1.9 F7626R

#### GRADUATE SCHOOL

14852 SCHEDULE of classes; graduate and undergraduate study for Federal employees, fall semester, 1945-46. 8-p. folder. 1945. 1 Ag854E

#### HUMAN NUTRITION AND HOME ECONOMICS, BUREAU OF

14853 FREE popular printed publications. 2 p., processed. 1945. 1.9 H755F

How to order.

14854 WILBUR, J. C. Notes on substitute fibers (with selected references). Rev., 7 p., processed. 1945. 1.982 A2N84



## INFORMATION, OFFICE OF

14855 ABRIDGED list of Federal laws applicable to agriculture (including reference to former functions) 17 p., processed. 1945. (Rpt., No. 8) 1.90 A2Un32

14856 AGRICULTURE'S stake in lowering world trade barriers. 9 p., processed. 1945. 1.914 A2Ag82

Adapted by A. P. Chew from a report entitled "A Post-War Foreign Trade Program for United States Agriculture," issued by a Work Group of the Department's Interbureau Committee on Post-War Programs.

14857 HANDBOOK of procedures in ordering publications of the U. S. Department of Agriculture. 23 p., processed. 1945. 1.914 P2H19

14858 HIGH grade cotton; why it's needed and how to get it. 3 p., processed. 1945. 1.914 A2H533

14859 SUMMER squash in gardens...Mulches for victory gardens. 1 p., processed. 1945. (Garden Information) 1.914 A2G16

14860 WHY WE need more gardens and more home food preservation. 2 p., processed. 1945. 1.914 A2W62

## MARKETING SERVICES, OFFICE OF

14861 ANNUAL report of Marketing Facilities Branch fiscal year ending June 30, 1945. 105 p., processed. 1945. 1.9422 Tr8An7

For limited use only.

14862 CANTRELL, G. E. Cashew nuts. 53 p., processed. 1945. Ref., p. 52-53. 1.9422 A2C26

Culture, processing, trade, and utilization.

14863 CATTLE and calves: monthly average price per 100 pounds, Denver, 1944. Based on the mean of daily range of quotations. 2 p., processed. 1945. 1.9422 L8G29Dn

Similar reports for Detroit, Fort Worth, Ogden & North Salt Lake, Peoria, St. Louis National Stock Yards, San Antonio, Sioux City, and South St. Paul.

14864 THE CHEMICAL analyses of dried eggs. 1 p., processed. n. d. 1.9422 Po2C42

14865 COMPILATION of statistical material covering the proposed marketing agreement and order for the Minneapolis - St. Paul, Minnesota, marketing area. 57 p., processed. 1945. 1.9422 D22C732

Includes index numbers of prices paid by farmers for commodities bought; prices of dairy products; prices received by farmers for milk, butterfat, corn, oats, hay, beef cattle, hogs; milk production; number of cows and heifers; cash income from dairy products; cash income from all farm marketings; wages of farm labor.

14866 COOK, J. M. Fiber and spinning activities of interest to ginners. 9 p., processed. 1945. 1.9422 C2C77

Address, Cotton Ginners' School, Decatur, Ala., Aug. 9, 1945.

14867 COTTON sampler's bonds; surety companies acceptable for Federal bonds. 2 p., processed. 1945. 1.9422 C4C822

List of companies as of Sept. 20, 1944.

14868 FEES for the inspection of commodities and products assigned to the Grain Products Branch. 4 p., processed. 1945. 1.9422 G33F32

14869 LIST of seed laboratory apparatus and firms handling same. 5 p., processed. 1945. 1.9422 G2L69

Issued May 1942; reprinted June 1945.

14870 MEATS graded and contract deliveries of meats, meat products and by-products accepted and rejected, calendar year, 1944. 2 p., processed. n. d. 1.9422 M8M462

14871 PREMIUMS and discounts for all qualities of 1945 American upland cotton, 1945 Cotton Loan Program. 2 p., processed. 1945. 1.9422 C8P91

14872 PRODUCTION and consumption of pork, excluding lard, from hogs slaughtered under Federal inspection, 1937-1944. 1 p., processed. 1945. 1.9422 M8P94

14873 PROSECUTIONS, seizures, and cease and desist orders under the Federal Seed Act, July 1, 1944, to January 1, 1945 (Nos. 90-103). 9 p., processed. 1945. 1.942 S33P942

Also a two-page index, by dealer, to cases involving prosecution, seizure, or cease and desist order under the Federal Seed Act of August 9, 1939 (Nos. 1-103). 1.942 S33P942

14874 REFRIGERATOR car situation. 4 p., processed. 1945. 1.9422 Tr36R25

14875 SCRIPT aids to Federal food reporters; apricots. 1 p., processed. 1945. 1.9422 Fr2Scr3

14876 SETRAKIAN, A. Statement...at the California Grape & Raisin Industry Conference held in Washington, D. C., on April 30, 1945. 7 p., processed. 1945. 1.9422 Fr2St2

Suggestions for 1945 raisin program.

14877 STANDARDIZATION of farm products. 4 p., processed. 1945. 1.9422 A2St2

Excerpts from the January 1945 issue of Marketing Activities. 1.942 A8M34

14878 VOLUME of futures trading of regulated commodities, all contract markets combined, February 1944 and 1945. 1 p., processed. 1945. 1.942 A8V88

Also report for 8-month period, July-February 1943-44 and 1944-45.

14879 THE WARTIME dairy program. 3 p., processed. 1945. 1.9422 D2W26

PLANT INDUSTRY, SOILS,  
AND AGRICULTURAL ENGINEERING, BUREAU OF

14880 BYRNES, J. W., and YERKES, G. E. Trans-planting trees and shrubs. 4 p., processed. Beltsville, Md., 1945. 1.965 F4T68

14881 DIAGRAMS of connections to cotton cleaners. 1 p., processed. 1945. 1.965 A2D54

14882 EMSWELLER, S. L. Spring-flowering bulbs. 4 p., processed. Beltsville, Md., n. d. 1.965 F4Sp8

Planting and subsequent care.

14883 KILLING weeds with 2, 4-D. 4 p., processed. Beltsville, Md., 1945. 1.965 A2K55

14884 LIST of available publications. 2 p., processed. Beltsville, Md., 1945. 1.965 A2L69

14885 MULFORD, F. L. Ferns. [Care.] 1 p., processed. Beltsville, Md., n. d. 1.965 F4F39

14886 MUSIL, A. F. Seeds of commercial species of Brassica. 6 p., processed. Beltsville, Md., 1945. 1.965 F2Sc3

14887 MUSIL, A. F. Seeds of dodder [Cuscuta] occurring with crop seeds. 3 p., processed. Beltsville, Md., 1944. 1.965 F2Se36

Seed drawings by F. H. Hillman.

14888 MUSIL, A. F. Seeds of grasses cultivated for forage or occurring incidentally with crop seeds: the genus Setaria. 4 p., processed. Beltsville, Md., 1944. 1.965 F2Se342

Seed drawings by R. O. Hughes.

14889 PUBLICATIONS on the identification of seeds. 2 p., processed. n. d. 1.965 F2P96

14890 SEED disinfection for florists and gardeners. 1 p., processed. Beltsville, Md., 1945. 1.965 A2Se3

14891 SIMMONS, C. S., and SHULKUM, E. Soil survey of Princess Anne County, Virginia. U. S. Bur. Plant Indus., Soils, and Agr. Engin. [Soil Survey Rpt., Ser. 1939, No. 3, 57 p. 1945. 1 So32F

Virginia Agricultural Experiment Station cooperating. Folded map in pocket.

14892 SOIL treatments for disease control for florists and gardeners. 3 p., processed. Beltsville, Md., n. d. 1.965 A2So3

14893 ULRICH, H. P., and others. Soil survey of La Porte County, Indiana. U. S. Bur. Plant Indus., Soils, and Agr. Engin. [Soil Survey Rpt., Ser. 1934, No. 26, 110 p. 1944. 1 So32F

W. J. Leighty, A. E. Shearin, and A. T. Wiancko, joint authors.

Indiana (Purdue) University Agricultural Experiment Station cooperating. Folded map in pocket.



## PRODUCTION AND MARKETING ADMINISTRATION

- 14894 INSTRUCTIONS relating to wheat flour export program announced in 1945 CCC Flour Export Form 1. 8 p., processed. 1945. (1945 CCC Flour Export Program...Instructions No. 1, Rev.) 1.957 B3C11  
Supersedes Instructions No. 1.

## RURAL ELECTRIFICATION ADMINISTRATION

- 14895 GENERAL specifications for locker plant refrigeration construction and installation. Rev. 13 p., processed. St. Louis, 1945. 1.933 G282  
14896 GENERAL summary of industrial power applications for fiscal year ending as of July 1, 1945. 12 p., processed. St. Louis, 1945. 1.933 G28  
14897 1944 ANNUAL statistical report; allotment, construction, operating and financial statistics of REA borrowers, December 31, 1944. 101 p., processed. 1945. 1.933 F49  
14898 SUGGESTED data for State and regional reports for use of State postwar planning committees. Unpaged. n. d. 1.933 Su34  
Rural electrification reports on postwar planning. Suggested for inclusion in State reports.

## SECRETARY, OFFICE OF

- 14899 WICKARD, C. R. Full employment: key to farm prosperity. 5 p., processed. 1945. 1.91 A2W63  
Address at annual meeting of New Jersey Farm Bureau, Trenton, N. J., Jan. 22, 1945.

## SOIL CONSERVATION SERVICE

- 14900 ANDERSON, H. O., and MCNALL, P. E. Farm business summary, Fennimore [Soil Conservation Area] farm account work, 1944. 10 p., processed. La Crosse, Wis., 1945. 1.96 Ad6An  
Wisconsin Agricultural Experiment Station cooperating.  
Production; income; expenses.  
14901 BENNETT, H. H. Saving the source of food. 6 p., processed. 1945. 1.96 Ad62  
Address before a Conservation Day audience at Freeport, Ill., Aug. 22, 1945.  
14902 CHART carrying case. U. S. Soil Conserv. Serv. Upper Miss. Region. Tech. Note 33, 5 p., processed. Milwaukee, n. d. 1.9605 T22  
Illustrations; specifications and a bill of materials for two types of cases.  
14903 CONSTRUCTION methods. 8 p., processed. Albuquerque? 1945. 1.9608 C76  
Earth, concrete, masonry structures; ditches and drains; bank protection; domestic water system; channel changes; closed drains.  
14904 DIEBOLD, C. H. Selenium poisoning. U. S. Soil Conserv. Serv. Southwest Region. Region. B. 99 (Soil Ser. No. 7), 22 p., processed. Albuquerque, 1945. 1.9608 R26  
14905 EFFECTS of windbreaks on heating houses. U. S. Soil Conserv. Serv. Upper Miss. Region. Tech. Note 32, 1 p., processed. Milwaukee, 1945. 1.9605 T22  
14906 INTRODUCTORY guide to irrigation in the Southwest. 88 p., processed. Albuquerque, 1945. 1.9608 In83  
14907 IRRIGATED areas of Arizona. 11 p., processed. Albuquerque? 1945. 1.9608 Ir72  
Advance list, for nine counties only.  
14908 IRRIGATED pastures. 4 p., processed. Albuquerque? 1945. 1.9608 In7  
14909 LAND leveling outline. 11 p., processed. Albuquerque? 1945? 1.9608 L222  
Shaping the land surface to facilitate the uniform application of irrigation; soil and water conservation.  
14910 LIST of publications and reports on sedimentation, January 1, 1935--August 1, 1944. 20 p., processed. 1944. (Tech. Letter Sed- 15c) 1.96 R31Tec

- 14911 OUTLINE for first session of regional training school for new subprofessional employees, Carbondale, Illinois, May 7--May 19, 1945, region 3, Soil Conservation Service. 8 p., processed. Milwaukee, 1945. 1.9605 Ou82

- 14912 AN OUTLINE for teaching conservation in rural elementary schools. 21 p., processed. 1945. 1.96 R270

- 14913 REVEGETATING abandoned farm land. 7 p., processed. Albuquerque? 1945? 1.9608 R32

- 14914 SNOW surveys and irrigation water forecasts for Columbia Basin and adjacent coastal areas as of April 1, 1944. 29 p., processed. Boise, 1944. 1.96 R31Fs

- 14915 SOIL and water conservation needs estimates based upon recommended feasible land use and practices, for United States and by States. Rev., 109 p., processed. 1945. 1.96 L22So  
Preliminary -- tentative.

- 14916 SOIL conservation does pay. U. S. Soil Conserv. Serv. Tech. Note 26, 4 p., processed. Milwaukee, 1945. 1.9605 T22

- 14917 SOIL fertility. 17 p., processed. Albuquerque? 1945? 1.9608 So34

- 14918 STATUS of administration, use and improvements of land utilization projects, December 31, 1944. 19 p., processed. 1945? (Form R & R - 3) 1.96 Op2Sf

Comprised of five tables.

- 14919 SUMMARY of meeting of research and operations personnel, Region 5...held at Lincoln, Nebraska, February 19, 20, and 21, 1945. 78 p., processed. Lincoln, 1945. 1.9607 Su6

Partial contents: Purpose of the research meeting, by A. E. McClymonds; The economic evaluation of conservation practices, by R. E. Unland; Discussion of evaluation studies and conservation problems in the Southern Great Plains, by H. H. Finnell; Summary of research activities in Kansas, by J. C. Hide; in Montana, by R. A. Cline; in Nebraska, by F. L. Duley; in North Dakota, by C. Englehorn, in South Dakota, by E. Joy; in Wyoming, by O. Barnes.

## SOLICITOR, OFFICE OF

- 14920 BEFORE the Interstate Commerce Commission, Docket MC C-360 Minimum Class Rate Restrictions Eastern and Central States and Investigation and Suspension Docket M-2160 Minimum Class Rate Stops in Eastern and Central States. Reply of the Department of Agriculture and War Food Administrator to the "Application of Middle Atlantic States Motor Carrier Conference, Inc. for Resumption of Investigation." 4 p., processed. 1945. 1.918 M661R

- 14921 BEFORE the Interstate Commerce Commission, Docket MC-C-360 Minimum Class-rate Restrictions Eastern and Central States and Investigation and Suspension Docket M-2160, Minimum Class-rate Stops in Eastern and Central States. Reply of the War Food Administrator to the petition of Associated Transport, Inc. for rehearing and reconsideration. 6 p., processed. 1945. 1.918 M661

- 14922 BEFORE the Interstate Commerce Commission, Docket No. 28863, Rates on Wool and Mohair. Reply of the Secretary of Agriculture and the War Food Administrator to the petition of the railroads to defer hearings. 15 p., processed. 1945. 1.918 W98R

- 14923 BEFORE the Interstate Commerce Commission, Finance Docket No. 14232. In the matter of application under paragraphs (18) to (21), Inc., of Section 1 of the Interstate Commerce Act of Guy A. Thompson, trustee, Missouri Pacific Railroad Corporation in Nebraska, extending from a point approximately two miles north of Auburn, Nebraska, to Crete, Nebraska, all located in Nemaha, Otoe, Johnson, Lancaster, and Saline Counties, Nebraska. Brief for protestants, the United States Department of Agriculture and the War Food Administrator. 14 p., processed. 1945. 1.918 M6922



14924 BEFORE the Interstate Commerce Commission, petition on behalf of the United States Department of Agriculture and the War Food Administration requesting the Commission to reconsider and reverse its order of February 5, 1945, denying previous petitions for reinstitution of Docket No. 28863 - Rates on Wool and Mohair. 7 p., processed. 1945. 1.918 W38P

14925 IN THE United States Emergency Court of Appeals, No. 205, California Lima Bean Growers Association v. Chester Bowles, Price Administrator. Brief of amicus curiae. 39 p., processed. 1945. 1.918 C12

#### SUPPLY, OFFICE OF

14926 APPLES. 2 p., processed. 1945.

1.957 Su7Ap5

Issued also at Chicago. 1.957 Su7Ap5C  
Canning directions.

14927 APPLES in school lunches. 2 p., processed. 1945. 1.957 Su7Ap53

14928 APPLESAUCE. 1 p., processed. 1945.

1.957 Su7Ap52

Issued also at Chicago. 1.957 Su7Ap52C

Canning directions.

14929 CARROTS. 1 p., processed. Chicago, 1945.

1.957 Su7C232

Canning directions.

14930 CONSUMERS look at meat. 4 p., processed.

1945. 1.957 Su7C762

14931 CRITERIA adopted by WFA "A" award board covering plants processing dairy and poultry products. 2 p., processed. New York, 1945. 1.957 Su7C86

14932 FACT sheet; labor needs of milk processors and handlers and fruit and vegetable canners. 2 p., processed. 1945. 1.957 Su7F113

14933 FACT sheet on beets. 2 p., processed.

Chicago, 1945. 1.957 Su7F112

14934 FACT sheet - onions - cabbage - carrots.

2 p., processed. Chicago, 1945. 1.957 Su7F11

14935 FIELD offices (Shipping and Storage

Branch). 3 p., processed. 1945. 1.957 Su7F45

14936 INDEX to commodities and buyers. 15 p., processed. 1945. 1.957 Su7In22

List of buyers in the Procurement and Price Support Branch and commodities purchased by them.

14937 A LIST of items that require fats and oils, or their by-products in manufacture, or processing.

1 p., processed. n. d. 1.957 Su7L69

14938 MORAN, W. J. The food industry will assist returning veterans. 4 p., processed. 1945.

1.957 Su7M79

Address before the Marshall Food Distribution Advisory Committee at Marshall, Minn., Mar. 1, 1945.

14939 PPS PROCUREMENT specification. 40 Nos., processed. 1945. 1.957 Su7P942

Issued by Procurement and Price Support Branch.

Baby foods, canned. 1 p.

Barley, pearl, brown. 1 p.

Barley, rolled. 1 p.

Cereal, buckwheat and oat (porridge), concentrated. 1 p.

Cereal, oat, rolled or flaked, quick-cooking. 1 p.

Cereal foods, concentrated. 2 p.

Cheese, American, process. 1 p.

Corn grits, yellow, degerminated. 1 p.

Corn grits, yellow, degerminated, special. 1 p.

Corn (maize) cones. 1 p.

Corn meal, yellow or white, degerminated special.

1 p.

Corn sugar, refined, hydrated. 1 p.

Cornstarch. 1 p.

Dextrin, type A. 1 p.

Farina. 1 p.

Farina (enriched). 1 p.

Flour, bakery, hard wheat (enriched). 1 p.

Flour, bakery, hard wheat, plain (with premium for enrichment). 1 p.

Flour, cracker, soft wheat (enriched). 1 p.

Flour, soft wheat (enriched). 1 p.

Flour, wheat (enriched). 2 p.

Grapefruit oil, cold pressed. 1 p.

Lemon oil, distilled. 1 p.

Malt, brewers (Pilsen type). 1 p.

Malt syrup, dry (diastase). 1 p.

Milk, evaporated. 1 p.

Milo, yellow. 1 p.

Oleomargarine, colored (temperate). 1 p.

Oleomargarine, colored (tropical). 1 p.

Pectin preparation, commercial (food). 3 p.

Renet tablets. 1 p.

Semolina. 1 p.

Soya flour. 1 p.

Soya grits, fine low-fat. 1 p.

Spaghetti, high-protein. 1 p.

Starch, Irish potato. 1 p.

Stew mix, dry. 2 p.

Wheat feed, mixed, standard millrun. 1 p.

Wheat white shorts or wheat white middlings. 1 p.

Whey, dried, for animal feed. 1 p.

14940 PROTEIN foods in school lunches. 4 p., processed. Chicago, 1945. 1.957 Su7P943

14941 QUESTIONS & answers on WFA food sales.

4 p., processed. 1945. 1.957 Su7Q3

14942 RECIPES with cottage cheese. 4 p., processed. n. d. 1.957 R24

14943 SALES contract, loose cotton in Dallas, Texas. 2 p., processed. Dallas, 1945.

1.957 Su7Sa3

14944 SAVING sugar in industrial feeding. 9 p., processed. 1945. 1.957 Su7Sa9

14945 THE SCHOOL lunch program (facts for women's groups). 3 p., processed. 1945. 1.957 Su7Sch64

14946 SUGGESTED menus and recipes including foods which are in relatively good supply for school lunch programs. 4 p., processed. Chicago, 1945.

1.957 Su7Su32

14947 SUGGESTIONS and quantity recipes for using dried eggs. 6 p., processed. Chicago, n. d.

1.957 Su7Su323

14948 SUGGESTIONS for menu planning. 1 p., processed. Chicago, n. d. 1.957 Su7Su322

14949 TERMS and conditions for the sale of canned fruit and vegetables. 3 p., processed. n. d.

1.957 Su7T27

14950 VICTORY gardens and food preservation for school lunches. 6 p., processed. 1945.

1.957 Su7V66

#### WAR FOOD ADMINISTRATION

14951 CONSUMERS look at commercially canned foods. 1 p., processed. 1945. 1.9424 A2C76

14952 CONSUMERS look at eggs. 2 p., processed. 1945. 1.9424 A2C763

14953 COTTAGE cheese fact sheet. 2 p., processed. 1945. 1.9424 A2C829

Situation; using cottage cheese; recipes.

14954 MEAT. 12 p., processed. 1945.

1.9424 A2M46

Situation and outlook.

14955 PRICES of vegetables for freezing in 1945. 2 p., processed. 1945. 1.9424 A2P93

14956 PROCEEDINGS of Home Canning Jar Ring Testing Conference held at Food Technology Laboratory, Massachusetts State College, Amherst, Massachusetts, May 2-3, 1945. 5 p., processed. 1945. 1.9424 M2P94

Held under direction of the Containers and Packaging Branch, Office of Materials and Facilities, with the cooperation of the Food Technology Department, Massachusetts State College, at the request of the War Food Administration and the jar ring industry.

14957 SUMMARY of active food orders. 50 p., processed. 1945. 1.9422 A8Su62

14958 WAR FOOD Order. 3 Nos. 1945. 1 F733F  
WFO 1, amend. 14. Manufacture and distribution of bakery products. 2 p. May 8.

WFO 79, amend. 7. Conservation and distribution of fluid milk and cream. 1 p. May 3.

WFO 101, amend. 5. Cucumber pickles and pickle products. 1 p. Aug. 4.



STATE AGRICULTURAL EXPERIMENT STATION PUBLICATIONS  
OCTOBER 1945

Includes State Agricultural Experiment Station publications received in the library during the preceding month. Articles in Station periodicals containing more than one article in an issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Experiment Stations are not available from the U. S. Department of Agriculture but are often available from the publishing State agricultural experiment station.

Mimeographed or processed material issued by the State Agricultural Experiment Stations is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Alabama Agricultural Experiment Station, Auburn

- 14959 SWINGLE, H. S. Raising crickets for bait. Ala. Agr. Expt. Sta. Leaflet 22, 4 p. 1945. 100 A11S  
Fish bait.  
14960 SEWELL, W. E. Method of storing cured pork to prevent infection by skippers (Phyllophaga). Ala. Agr. Expt. Sta. Mimeog. Ser. 20, 2 p. 1945. 100 A11M

Arizona Agricultural Experiment Station, Tucson

- 14961 INDEX to volume XVII of the Arizona Agricultural Experiment Station publications consisting of bulletins 183-192; annual reports, 1942-1943. 7 p. Ariz. Agr. Expt. Sta., 1945. 100 Ar4

Arkansas Agricultural Experiment Station, Fayetteville

- 14962 BARTHOLOMEW, R. P., KAPP, L. C., and NELSON, M. Irrigation of arable crops on a rice soil. Ark. Agr. Expt. Sta. B. 455, 32 p. 1945. 100 Ar42  
Irrigation experiments with cotton, soybeans, corn, and lespedeza at the Rice Branch Experiment Station, Arkansas, on Crowley silt loam.  
14963 SLUSHER, M. W., and WILSON, W. T. Labor and power used for Arkansas crops and livestock. Ark. Agr. Expt. Sta. B. 456, 63 p. 1945. 100 Ar42  
14964 ENGLER, K., THOMPSON, D. G., and KAZMANN, R. G. Ground water supplies for rice irrigation in the Grand Prairie region, Arkansas. Ark. Agr. Expt. Sta. B. 457, 56 p. 1945. 100 Ar42

California Agricultural Experiment Station, Berkeley

- 14965 SHULTIS, A. Farming in California for the newcomer. Rev., 26 p. Calif. Agr. Expt. Sta., 1945. 281.010 Sch8

Colorado Agricultural Experiment Station, Fort Collins

- 14966 ROBERTSON, D. W., KOONCE, D., and BRANDON, J. F. Spring wheat production in Colorado. Colo. Agr. Expt. Sta. B. 487, 23 p. 1944. 100 C71S

Georgia Agricultural Experiment Station, Experiment

- 14967 STRONG, G. B., ELROD, J. C., and HENDRIX, W. E. Georgia farm prices 1910-1943. Ga. Agr. Expt. Sta. B. 239, 43 p. 1945. 100 G29S

- 14968 WOODROOF, J. G., CECIL, S. R., and THOMPSON H. H. The effects of moisture on peanuts and peanut products. Ga. Agr. Expt. Sta. B. 241, 23 p. 1945. 100 G29S

Harvesting peanuts; effect of humidity on storage.

Hawaii Agricultural Experiment Station, Honolulu

- 14969 DRAPER, C. I. Algaroba bean meal in turkey rations. Hawaii. Agr. Expt. Sta. C. 23, 5 p. 1945. 100 H31S

Idaho Agricultural Experiment Station, Moscow

- 14970 EKE, P. A. Wartime growth and decline of hog production in the northern Idaho cash-grain area. Idaho. Agr. Expt. Sta. B. 263, 12 p. 1944. 100 Id1

Illinois Agricultural Experiment Station, Urbana

- 14971 WILCOX, R. H., and HARRIS, J. R. Complete costs and farm business analysis on 24 farms in Champaign and Piatt Counties, Illinois (grain-farming section), 1944. Ill. Agr. Expt. Sta. AE2334, 56 p., processed. 1945. 275.29 Il62P  
14972 MOSHER, M. L., and REISS, F. J. Sixth annual report of feeder cattle fed during the feeding year, 1943-1944, by cooperators in the Farm Bureau Farm Management Service. Ill. Agr. Expt. Sta. AE-2336, 26 p., processed. 1945. 275.29 Il62P  
14973 PARRISH, B. D., and NORTON, L. J. Financial position of a representative group of McHenry County farmers in the dairy region of northern Illinois, 1940-1942. Ill. Agr. Expt. Sta. B. 512, p. 523-592. 1945. 100 Il6S  
14974 BONNETT, O. T., and others. Prairie: a new soft winter wheat for Illinois. Ill. Agr. Expt. Sta. B. 513, p. 593-600. 1945. 100 Il6S  
C. M. Woodworth, G. H. Dungan, and B. Koehler, joint authors.

Indiana Agricultural Experiment Station, Lafayette

- 14975 BOTTUM, J. C. Low-cost labor, power, and machinery set-ups for Indiana farms. Ind. Agr. Expt. Sta. B. 502, 30 p. 1944. 100 In2P  
14976 DOTY, D. M., and others. The effects of storage on the chemical composition of some inbred and hybrid strains of sweet corn. Ind. Agr. Expt. Sta. B. 503, 31 p. 1945. 100 In2P  
G. M. Smith, J. R. Roach, and J. T. Sullivan, joint authors.  
U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering cooperating.  
14977 QUACKENBUSH, F. W., MITCHELL, H. L., and CARTER, A. S. Inspection of legume inoculants. Ind. Agr. Expt. Sta. C. 302, 7 p. 1944. 100 In2P  
14978 QUACKENBUSH, F. W., CURTIS, P. B., and CARTER, A. S. Inspection of commercial feeding stuffs. Ind. Agr. Expt. Sta. C. 304, 24 p. 1945. 100 In2P  
14979 BUSENELL, T. M. The story of Indiana soils describing general soil regions and the key to Indiana soils. Ind. Agr. Expt. Sta. Spec. C. 1, 52 p. 1944. 100 In2Sp

Kansas Agricultural Experiment Station, Manhattan

- 14980 FILINGER, G. A. Preserving food in home frozen food cabinets. Kans. Agr. Expt. Sta. C. 230, 28 p. 1945. 100 K13S  
14981 SUGGESTED adjustments in Kansas agriculture for 1946. Kans. Agr. Expt. Sta. Agr. Econ. Rpt. 27, 46 p., processed. 1945. 281.9 K132

Kentucky Agricultural Experiment Station, Lexington

- 14982 RECENT findings and recommendation in soil management by the Soils Section, Department of Agronomy; report of progress. 18 p., processed. Ky. Agr. Expt. Sta., 1945. 56.6 K41



Maine Agricultural Experiment Station, Orono

14983 MERCHANT, C. H. Maine farm prices during world war periods. Maine. Agr. Expt. Sta. B. 435, p. 293-399. 1945. 100 M28S

Prices of agricultural products also given.

14984 DOW, G. F. Use of labor on Maine farms with dairy cows. Maine. Agr. Expt. Sta. B. 436, p. 401-458. 1945. 100 M28S

14985 DOW, G. F. Size of loads and delivery costs for labor in milk distribution in Boston and Portland. Maine. Agr. Expt. Sta. B. 437, p. 459-490. 1945. 100 M28S

Massachusetts Agricultural Experiment Station, Amherst

14986 GUNNESS, C. I. Meteorological observations for June, July 1945. Mass. Agr. Expt. Sta. Met. Ser. B. 678, 679, 4 p. each. 1945. 100 M38H

Mississippi Agricultural Experiment Station, State College

14987 WELCH, F. J. The current cotton research program in production and related fields. 103 p., processed. Miss. Agr. Expt. Sta., 1945. 72 M692

14988 MISSISSIPPI farm research, v. 8, No. 8, 8 p. Aug. 1945. 100 M69M1

Missouri Agricultural Experiment Station, Columbia

14989 MCINTYRE, C. W., and RAGSDALE, A. C. Dairy husbandry investigations at the Hatch Dairy Experiment Station Farm: a report 1930-1944. Mo. Agr. Expt. Sta. B. 488, 31 p. 1945. 100 M693

Nebraska Agricultural Experiment Station, Lincoln

14990 JENSEN, J. H., and LIVINGSTON, J. E. Potato diseases in Nebraska. Nebr. Agr. Expt. Sta. B. 378, 47 p. 1945. 100 N27

Nevada Agricultural Experiment Station, Reno

14991 RECORDS, E., and VAWTER, L. R. Bacillary hemoglobinuria of cattle and sheep (Red water disease) Nev. Agr. Expt. Sta. B. 173, 48 p. 1945. Ref., p. 44-48. 100 N41S

14992 STONECIPHER, H. V., MASON, H., and DUNN, D. Wartime land market activity in northern Nevada. Nev. Agr. Expt. Sta. B. 174, 14 p. 1945. 100 N41S

14993 HEADLEY, F. B. Protein supplements in pig rations: a comparison of the effects of protein supplements fed to pigs on alfalfa pasture and in dry lot. Nev. Agr. Expt. Sta. B. 175, 13 p. 1945. 100 N41S

New Hampshire Agricultural Experiment Station, Durham

14994 RITZMAN, E. G. Wood yeast protein as a feed for livestock. N. H. Agr. Expt. Sta. Tech. B. 88, 16 p. 1945. 100 N45

New Mexico Agricultural Experiment Station, State College

14995 HERSHEY, A. L. Some poisonous plant problems of New Mexico. N. Mex. Agr. Expt. Sta. B. 322, 23 p. 1945. Ref., p. 22-23. 100 N465

14996 STATEN, G., STROUD, R. S., and CARTER, J., JR. Alfalfa production investigations in New Mexico. N. Mex. Agr. Expt. Sta. B. 323, 30 p. 1945. 100 N465

14997 NELSON, D. H. The ability of certain legume-grass mixtures to withstand grazing. N. Mex. Agr. Expt. Sta. Press B. 1007, 2 p., processed. 1945. 100 N465

14998 NELSON, D. H. Increased economy through "every-other-day" milk delivery. N. Mex. Agr. Expt. Sta. Press B. 1008, 2 p., processed. 1945. 100 N465

New York (Cornell) Agricultural Experiment Station, Ithaca

14999 THE DELAWARE County agricultural survey sponsored by the Delaware County Committee for Economic Development and the Delaware County Rural Policy Committee. Summary prepared by H. F. DeGraff. N. Y. (Cornell) Agr. Expt. Sta. AE 513, 15 p., processed. 1945. 281.9 C81

Postwar labor and farmers' purchase intentions. 15000 COSTS and returns from farm enterprises; cost account farms, 1943. N. Y. (Cornell) Agr. Expt. Sta. AE 515, 33 p., processed. 1945. 281.9 C81

15001 CUNNINGHAM, L. C. Farm account summary and comparative report 1944: Albany, Allegany and Jefferson Counties. N. Y. (Cornell) Agr. Expt. Sta. AE 518, 7 p., processed. 1945. 281.9 C81

Farming records. 15002 BRUCKNER, J. H., and DARRAH, L. B. Getting started in poultry farming. N. Y. (Cornell) Agr. Expt. Sta. A.E. 523, 15 p., processed. 1945. 281.9 C81

15003 FERGUSON, D. B. The sugar situation. N. Y. (Cornell) Agr. Expt. Sta. A.E. 524, 7 p., processed. 1945. 281.9 C81

15004 BIERLY, I. R. Acreage and production of hay on New York dairy farms. N. Y. (Cornell) Agr. Expt. Sta. AE 526, 8 p., processed. 1945. 281.9 C81

North Dakota Agricultural Experiment Station, State College Station, Fargo

15005 BIMONTHLY bulletin, v. 7, No. 6, 29 p. July/Aug. 1945. 100 N813B

Oklahoma Agricultural Experiment Station, Stillwater

15006 FENTON, F. A., and others. DDT: a new insecticide. Okla. Agr. Expt. Sta. Mimeog. C. M-147, 8 p. 1945. 100 Ok4M

C. H. Brett, F. E. Whitehead, G. A. Bieberdorf, and R. R. Walton, joint authors.

15007 FENTON, F. A. Instructions for using DDT as a barn and cattle spray. Okla. Agr. Expt. Sta. Mimeog. C. M-148, 2 p. 1945. 100 Ok4M

15008 CURRENT farm economics, v. 18, No. 4, p. 73-89. Aug. 1945. 100 Ok4

Rhode Island Agricultural Experiment Station, Kingston

15009 LEBRUN, E. J., and OWENS, A. L. Milk distribution in Providence, Rhode Island. R. I. Agr. Expt. Sta. B. 294, 33 p. 1945. 100 R34S

15010 SMITH, J. B., and GILBERT, B. E. Rhode Island soil types: texture and chemical composition, and a utility index. R. I. Agr. Expt. Sta. B. 296, 41 p. 1945. 100 R34S

15011 FIFTY-SEVENTH annual report, 1944. R. I. Agr. Expt. Sta. Contrib. 674, 39 p. 1945. 100 R34S

South Carolina Agricultural Experiment Station, Clemson

15012 PEELE, T. C., LATHAM, E. E., and BEALE, O. W. Relation of the physical properties of different soil types to erodibility. S. C. Agr. Expt. Sta. B. 357, 31 p. 1945. 100 So8

South Dakota Agricultural Experiment Station, Brookings

15013 HOGLUND, C. R. Twenty years agricultural statistics for South Dakota, 1924-1943. S. Dak. Agr. Expt. Sta. Agr. Econ. Pam. 9, 44 p., processed. 1943. 281.9 So86

15014 HOGLUND, C. R. Annual report of the North-Central South Dakota farm record project, 1943. S. Dak. Agr. Expt. Sta. Agr. Econ. Pam. 10, 13 p., processed. 1944. 281.9 So86



15015 HOGLUND, C. R. Annual report of the Southeastern South Dakota farm record project, 1943. S. Dak. Agr. Expt. Sta. Agr. Econ. Pam. 11, 13 p., processed. 1944. 281.9 So86

15016 HOGLUND, C. R. Graphic presentation of crop and livestock adjustments by production areas in South Dakota, 1924-44. S. Dak. Agr. Expt. Sta. Agr. Econ. Pam. 12, 16 p., processed. 1944. 281.9 So86

15017 AN APPRAISAL of South Dakota production adjustments in agriculture wartime and suggested 1945. S. Dak. Agr. Expt. Sta. Agr. Econ. Pam. 13, 33 p., processed. 1944. 281.9 So86

15018 HOGLUND, C. R. Post-war farming adjustments and opportunities in South Dakota. S. Dak. Agr. Expt. Sta. Agr. Econ. Pam. 14, 4 p., processed. 1944. 281.9 So86

Tennessee Agricultural Experiment Station, Knoxville

15019 ROBERTS, W. M., and WYLIE, C. E. Off-flavor in milk. Tenn. Agr. Expt. Sta. G. 91, 2 p. 1945. 100 T25S

15020 LUEBKE, B. H., CHAMBERS, A. H., and JOHNSON, M. B. Farm real estate situation in five areas of Tennessee, 1941-1944. Tenn. Agr. Expt. Sta. Rural Res. Ser. Monog. 185, 52 p., processed. 1945. 173.2 W89Co

U. S. Bureau of Agricultural Economics cooperating. Average price per acre of farm land sold in Jefferson, Rutherford, Haywood, Cumberland, and Humphreys Counties, 1941-1944.

Texas Agricultural Experiment Station, College Station

15021 BRISON, F. R. The storage of shelled pecans. Tex. Agr. Expt. Sta. B. 667, 16 p. 1945. 100 T31S

15022 JONES, D. L., and EVANS, R. G. Eradication of broomweed (*Gutierrezia* sp.) with ammate. Tex. Agr. Expt. Sta. Prog. Rpt. 951, 1 p., processed. 1945. 100 T31P

15023 HARVESTING cotton in the high plains area of Texas: machine vs hand. Tex. Agr. Expt. Sta. Prog. Rpt. 952, 3 p. 1945. 100 T31P

15024 MCCUNE, W. E., and others. Artificial drying of grain sorghum. Tex. Agr. Expt. Sta. Prog. Rpt. 953, 8 p., processed. 1945. 100 T31P

H. P. Smith, P. T. Montfort, and E. S. Holmes, joint authors.

Virginia Agricultural Experiment Station, Blacksburg

15025 BATTEN, E. T. Two new strains of Virginia type peanuts. Va. Agr. Expt. Sta. B. 370, 4 p. 1945. 100 V81S

Washington Agricultural Experiment Station, Pullman

15026 AGRICULTURE'S wartime production capacity for 1946, Washington. Wash. Agr. Expt. Sta. A. E. 8, 16 p., processed. 1945. 281.9 W2722

Washington Agricultural Extension Service and U. S. Bureau of Agricultural Economics cooperating.

15027 PUBOLS, B. H. Prospective farming on the Columbia Basin Irrigation Project. Wash. Agr. Expt. Sta. B. 456, 47 p. 1945. 100 W27E

Wisconsin Agricultural Experiment Station, Madison

15028 FARGO, J. M., BORSTEDT, G., and LACEY, J. J. Feeding and management of market hogs. Wis. Agr. Expt. Sta. B. 454, rev., 24 p. 1944. 100 W75



STATE AGRICULTURAL EXTENSION SERVICE PUBLICATIONS

Includes State Agricultural Extension Service publications received in the library during the preceding month. Articles in Extension periodicals containing more than one article in an issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Extension Services are not available from the U. S. Department of Agriculture but are often available from the publishing State Extension Service.

Mimeographed or processed material issued by the State Agricultural Extension Services is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Alaska University (Divisions of Agriculture and Home Economics), Extension Service, College

15029 RHUBARB, how to grow, use and preserve. Alaska. U. Agr., Ext. H. D. Leaflet 138, rev., 8 p. 1945. 275.29 A113B

Arizona University, College of Agriculture, Agricultural Extension Service, Tucson

15030 LINCOLN, R. M. Arizona canning timetable: fruits and tomatoes. Ariz. Agr. Col. Ext. Folder W-41, 2 p. 1945. 275.29 Ar42Ext

15031 VANSANT, W. R., MATLOOK, R. L., and HITCH, D. To you Arizona dairyman this 8-point dairy program means something! Ariz. Agr. Col. Ext. Folder W-42, 8 p. 1945. 275.29 Ar42Ext

California University, College of Agriculture, Agricultural Extension Service, Berkeley

15032 FAIRBANK, J. P., and TAVERNETTI, J. R. Handling feed molasses on the farm. Calif. Agr. Col. Ext. Agr. Engin. Inform. Ser. 11, 7 p., processed. 1944? 275.29 C12Ag

15033 JONES, B. J., and LOVE, R. M. Improving California ranges. Calif. Agr. Col. Ext. C. 129, 48 p. 1945. Ref., p. 47-48. 275.29 C12C

15034 HOW TO pick hops. Calif. Agr. Col. Ext. Emergency Farm Labor Leaflet 15, 4 p., processed. 1945. 275.29 C12Em

15035 WIE MAN hopfen pflücken müss. Calif. Agr. Col. Ext. Emergency Farm Labor Leaflet 15. G. 4 p., processed. 1945. 275.29 C12Em

15036 COMO se pizca el lúpulo. Calif. Agr. Col. Ext. Emergency Farm Labor Leaflet 15. M, 4 p., processed. 1945. 275.29 C12Em

Connecticut University, College of Agriculture, Agricultural Extension Service, Storrs

15037 TEDROW, N. P. Save the soil. Conn. Agr. Col. Ext. B. 370, 13 p. 1945. 275.29 C76B

Hawaii University, Agricultural Extension Service, Honolulu

15038 TRIMBLE, A. P. Food storage. Hawaii. U. Agr. Ext. Home Econ. C. 145, 1st rev., 4 p., processed. 1945. 275.29 H312H

15039 TRIMBLE, A. P. 40 ideas for streamlined kitchen management. Hawaii. U. Agr. Ext. Home Econ. C. 166, 2 p., processed. 1945. 275.29 H312H

15040 ECKBLAD, I. M. Blitz on food waste; (care of fresh foods); [storage of foods]. Hawaii. U. Agr. Ext. Home Econ. C. 167, 5 p., processed. 1945. 275.29 H312H

15041 ECKBLAD, I. M. Oven meals. Hawaii. U. Agr. Ext. Home Econ. C. 168, 6 p., processed. 1945. 275.29 H312H

15042 ECKBLAD, I. M. Tips on top-of-stove meals. Hawaii. U. Agr. Ext. Home Econ. C. 169, 7 p., processed. 1945. 275.29 H312H

15043 TRIMBLE, A. P. Food management; [organization and planning of kitchen work]. Hawaii. U. Agr. Ext. Home Econ. C. 170, 6 p., processed. 1945. 275.29 H312H

15044 ECKBLAD, I. M. Frozen desserts -- made in mechanical refrigerator. Hawaii. U. Agr. Ext. Home Econ. C. 171, 7 p., processed. 1945. 275.29 H312H

15045 ECKBLAD, I. M. Meat stretchers. Hawaii. U. Agr. Ext. Home Econ. C. 172, 6 p., processed. 1945. 275.29 H312H

15046 ECKBLAD, I. M. Meats on the menu. Hawaii. U. Agr. Ext. Home Econ. C. 173, 7 p., processed. 1945. 275.29 H312H

15047 ECKBLAD, I. M. Meat alternates -- that "pinch-hit" for meat. Hawaii. U. Agr. Ext. Home Econ. C. 175, 5 p., processed. 1945. 275.29 H312H

15048 TRIMBLE, A. P. Aprons and a snood for the 4-H Club girl; [sewing]. Hawaii. U. Agr. Ext. Home Econ. C. 177, 2 p., processed. 1945. 275.29 H312H

15049 TRIMBLE, A. P. Just off the press [how to press clothing]. Hawaii. U. Agr. Ext. Home Econ. C. 178, 4 p., processed. 1945. 275.29 H312H

15050 TRIMBLE, A. P., and ECKBLAD, I. M. Hospitality all through the house [at Christmas time]. Hawaii. U. Agr. Ext. Home Econ. C. 179, 4 p., processed. 1945. 275.29 H312H

15051 ECKBLAD, I. M. Preparing Christmas dinner. Hawaii. U. Agr. Ext. Home Econ. C. 180, 7 p., processed. 1945. 275.29 H312H

15052 ECKBLAD, I. M. Holiday goodies. [Christmas cookery]. Hawaii. U. Agr. Ext. Home Econ. C. 181, 8 p., processed. 1945. 275.29 H312H

15053 ECKBLAD, I. M. The homemaker as a hostess, buffet meals. Hawaii. U. Agr. Ext. Home Econ. C. 182, 6 p., processed. 1945. 275.29 H312H

15054 ECKBLAD, I. M. Waste no leftovers. [Suggestions for use of leftover food]. Hawaii. U. Agr. Ext. Home Econ. C. 183, 2 p., processed. 1945. 275.29 H312H

Idaho University, College of Agriculture, Extension Service, Moscow

15055 MOORE, P., LAMPMAN, C. E., and BERESFORD, H. Practices for conserving egg quality. Idaho. Agr. Col. Ext. C. 71, rev., 8 p. 1945. 275.29 Id13C

15056 MARTIN, J. P., HEPWORTH, M., and HABERLY, M. Problems in home food preservation. Idaho. Agr. Col. Ext. C. 87, 12 p. 1945. 275.29 Id13C

Indiana - Purdue University, Agricultural Extension Service, Lafayette

15057 DAIRY marketing information. 13 Nos. Jan.-Mar., Aug.-Dec. 1944, Jan.-May 1945. 276.29 In2D

Kentucky University, College of Agriculture and Home Economics, Extension Service, Lexington

15058 HAAK, P. J., and others. Storing foods in freezer lockers; suggestions for preparing, packing, freezing, thawing, cooking. Ky. Agr. Col. Ext. C. 398, rev., 20 p. 1945. 275.29 K415

J. B. Kelley, W. M. Insko, Jr., A. J. Olney, and E. J. Wilford, joint authors.



15059 ROBERTS, G. Suggestions on erosion control. Ky. Agr. Col. Ext. C. 406, 20 p. 1945. 275.29 K415

Louisiana State University and Agricultural and Mechanical College, Division of Agricultural Extension, University Station, Baton Rouge

15060 LENOIR, E., and BRUMBY, M. Rug-making at home. La. Agr. Col. Ext. C. 133, rev., 35 p. 1944. 275.29 L93C

15061 THE LOUISIANA farmers' almanac. La. Agr. Col. Ext. C. 236, 40 p. 1945. 275.29 L93C

Farm outlook for 1945, p. 1-3.

Handbook of agriculture in Louisiana arranged by months.

15062 FOURNET, E. Wartime suggestions for saving sugar in home canning of fruit. La. Agr. Col. Ext. C. 244, rev., 11 p. 1945. 275.29 L93C

Maine University, College of Agriculture, Agricultural Extension Service, Orono

15063 BRADT, C. G. Are you a good boss? Maine. Agr. Col. Ext. B. 334, 15 p. 1945. 275.29 M281B

Management of labor on the farm.

Reprinted with slight changes from Cornell Extension Bulletin 666.

15064 FOODS for the blood donor. Maine. Agr. Col. Ext. C. 212, 6 p. 1945. 275.29 M281C

Maine. State Nutrition Committee cooperating.

15065 WYMAN, O. L. Growing snap beans for canning. Maine. Agr. Col. Ext. C. 218, 4 p. 1945. 275.29 M281C

Massachusetts State College, Extension Service, Amherst

15066 KLEIN, G. T. Range shelters; range and laying shelters and poultry equipment. Mass. State Col. Ext. Leaflet 75 [rev.], 8 p. 1945. 275.29 M381L

15067 SANCTUARY, W. C., HARRINGTON, W. C., and KLEIN, G. T. Poultry housing. Mass. State Col. Ext. Leaflet 145 [rev.], 19 p. 1945. 275.29 M381L

15068 KLEIN, G. T. Poultry equipment. Mass. State Col. Ext. Leaflet 227 [rev.], 20 p. 1945. 275.29 M381L

15069 ARCHIBALD, J. G. Minerals for dairy cattle. Mass. State Col. Ext. Leaflet 236, 8 p. 1945. 275.29 M381L

Minnesota University, Department of Agriculture, Division of Agricultural Extension, University Farm, St. Paul

15070 BILLINGS, W. A. Timely truths about poultry troubles [parasites and diseases]. Minn. U. Agr. Ext. B. 154, rev., 32 p. 1944. 275.29 M66S

15071 HUTCHINS, A. E. Vegetable gardening at home. Minn. U. Agr. Ext. B. 174, rev., 32 p. 1944. 275.29 M66S

15072 HUNT, E. M. Growing raspberries for home use. Minn. U. Agr. Ext. B. 206, rev., 12 p. 1944. 275.29 M66S

15073 MORRIS, W. E., and GOODWIN, N. J. 4-H beef project. Minn. U. Agr. Ext. 4-H B. 3, rev., 16 p. 1944. 275.29 M662M

15074 4-H BREAD project. Minn. U. Agr. Ext. 4-H B. 8, rev., 16 p. 1944. 275.29 M662M

15075 MORRIS, W. E., and GOODWIN, N. J. 4-H sheep project. Minn. U. Agr. Ext. 4-H B. 11, rev., 8 p. 1944. 275.29 M662M

15076 SCHENCK, M. 4-H canning project. Minn. U. Agr. Ext. 4-H B. 17, rev., 8 p. 1944. 275.29 M662M

15077 PARTEN, H. L. Rat control. Minn. U. Agr. Ext. Folder 31, rev., 6 p. 1944. 275.29 M66Ex

15078 BLAIR, E. L. Home canning, fruits and vegetables. Minn. U. Agr. Ext. Folder 100, rev., 8 p. 1944. 275.29 M66Ex

Mississippi State College, Extension Service, State College

15079 GARDEN and fruit guide. Miss. State Col. Ext. G. F. G. 90, 2-p. 1945. 275.29 M68G

Nebraska University, College of Agriculture, Agricultural Extension Service, Lincoln

15080 WATERING equipment for hogs. Nebr. Agr. Col. Ext. C. 787, 2 p., processed. 1944. 275.29 N272Ex

New Hampshire University, College of Agriculture and the Mechanic Arts, Extension Service, Durham

15081 NEW HAMPSHIRE 4-H victory volunteers. N. H. Agr. Col. Ext. Junior C. 1, 6 p. 1943. 275.29 N452Jci

15082 WADLEIGH, C. B. First steps in 4-H Club organization. N. H. Agr. Col. Ext. Junior C. 2, 4 p. 1944. 275.29 N452Jci

15083 WADLEIGH, C. B. The 4-H business meeting. N. H. Agr. Col. Ext. Junior C. 3, 4 p. 1944. 275.29 N452Jci

15084 WADLEIGH, C. B. Membership and organization standards of 4-H Clubs in New Hampshire. N. H. Agr. Col. Ext. Junior C. 4, 4 p. 1944. 275.29 N452Jci

15085 JOHNSON, L. A. The junior dairyman. N. H. Agr. Col. Ext. Junior C. 30, 20 p. 1944. 275.29 N452Jci

New York State College of Agriculture and Home Economics, Extension Service, Cornell University, Ithaca

15086 KNOWLES, E., and HENRY, G. Safe use and care of a pressure canner. N. Y. Agr. Col. Cornell Ext. B. 523, rev., (War Emergency B. 37), 5 p. 1945. 275.29 N48E

15087 FERNOW, K. H. Weather conditions favorable for potato late blight. N. Y. Agr. Col. (Cornell) Ext. B. 678, 4 p. 1945. 275.29 N48E

15088 POST, K. 4-H home-grounds improvement record. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 69, 4 p. 1945. 275.29 N48Cn

15089 THE GRAPHIC extensioner. No. 1, processed. May 1945. 275.29 N487

North Carolina University, State College of Agriculture and Engineering, Extension Service, State College Station, Raleigh

15090 GRAEBER, R. W. The work of a farm forester. N. C. Agr. Col. Ext. Folder 60, 5 p. 1945. 275.29 N811Ex

15091 HUNTER, W. N., and MCIVER, J. Know your fabrics. N. C. Agr. Col. Ext. Misc. Pam. 92, 8 p. 1945. 275.29 N811M

15092 HUNTER, W. N., and MCIVER, J. You - your appearance. N. C. Agr. Col. Ext. Misc. Pam. 93, 4 p., processed. 1945. 275.29 N811M

15093 HANDBOOK for agricultural workers. 196 p. N. C. Agr. Col. Ext., 1945. 275.2 N81Ha

Oklahoma Agricultural and Mechanical College, Extension Division, Stillwater

15094 GOODMAN, B. How to care for your table silverware. 3 p., processed. Okla. Agr. Col. Ext., 1944? 275.2 Ok4H

Conservation of Household Equipment Series.



15085 GOODMAN, B. Make your own wartime refrigerator. [Directions and list of materials for iceless refrigerator.] 2 p., processed. Okla. Agr. Col. Ext., 1944? 275.2 Ok4M

Conservation of Household Equipment Series.

Oregon State College, Federal Cooperative Extension Service, Corvallis

15096 BREITHAUPT, L. R., and HORRELL, E. Oregon's carlot shipments and unloads of potatoes and truck crops, 1925 - 1943 ... farm market data. Oreg. State Col. Ext. B. 651, 12 p. 1945. 275.29 Or32B

15097 LETTER for 5th and 6th months on care of the infant, from the home demonstration agent. Oreg. State Col. Ext. H. E. 1826, 3 p., processed. 1944. 275.29 Or323H

15098 LETTER for the 7th, 8th, and 9th months on care of the infant, from the home demonstration agent. Oreg. State Col. Ext. H. E. 1827, 5 p., processed. 1944. 275.29 Or323H

15099 LETTERS on prenatal care, from the home demonstration agent. 4 Nos. Oreg. State Col. Ext. H. E. 1829-1832, processed. 1944. 275.29 Or323H

15100 LETTER on child care, for 15 to 18 months, from the home demonstration agent; letter for 18 to 21 months; letter for 21 to 24 months. 3 Nos. Oreg. State Col. Ext. H. E. 1836-1838, processed. 1944. 275.29 Or323H

Puerto Rico University, College of Agriculture, Extension Service, Rio Piedras

15101 CARTA mensual. v. 2, No. 2, 4 p. May 1945. 275.29 P96Ca

Tennessee University, College of Agriculture, Agricultural Extension Service, Knoxville

15102 FARM safety. Tenn. Agr. Col. Ext. Leaflet 80, 4 p., processed. 1945. 275.29 T25L

15103 WALRATH, F. J. Do you want a jalopy farm? Some factors servicemen should consider before buying a farm. Tenn. Agr. Col. Ext. Leaflet 81, 4 p. 1945. 275.29 T25L

15104 KELLER, L. L. Teaching old clothes new tricks [remodeling]. Tenn. Agr. Col. Ext. P. 289, 8 p. 1945. 275.29 T25

15105 ANDERSON, J. L., and CALLAHAN, E. P. Getting a start in farming after the war. Tenn. Agr. Col. Ext. P. 290, 15 p. 1945. 275.29 T25

Vermont University, College of Agriculture, Agricultural Extension Service, Burlington

15106 BROOKS, C. P. Household refrigerators and their care. Vt. Agr. Col. Ext. Brieflet 697, 11 p., processed. 1944. 275.29 V59E

15107 STOLLBERG, L. Saving fats in wartime. Vt. Agr. Col. Ext. Brieflet 698, 9 p., processed. 1945. 275.29 V59E

West Virginia University, College of Agriculture, Agricultural Extension Service, Morgantown

15108 HUMPHREYS, G., and COFER, E. S. Guides to wartime conservation: keeping well in wartime. W. Va. Agr. Col. Ext. Good Living Ser. XI, Lesson No. 5, 6 p. 1944? 275.29 W522G

Wisconsin University, College of Agriculture, Agricultural Extension Service, Madison

15109 BRANN, J. W., and VAUGHAN, R. E. Control potato diseases. Wis. Agr. Col. Ext. C. 333, rev., 16 p. 1945. 275.29 W75C

15110 ALLEN, T. C., VAUGHAN, R. E., and COMBS, O. B. Control garden insects and diseases. Wis. Agr. Col. Ext. C. 343, rev., 8 p. 1945. 275.29 W75C

15111 JACKSON, H. C., and WALLENFELDT, E. 14 steps to good milk. Wis. Agr. Col. Ext. C. 356, 15 p. 1945. 275.29 W75C

15112 LILLY, J. H., and others. Fight the corn borer [Pyrausta nubilalis]; a practical program for Wisconsin farmers. Wis. Agr. Col. Ext. C. 358, 16 p. 1945. 275.29 W75C

H. D. Bruhn, N. P. Neal, E. L. Chambers, and P. W. Smith, joint authors.

Colored illustrations.

15113 WERNER, G. M., and RUFEL, I. W. Feeding the dairy herd. 4 p. Wis. Agr. Col. Ext. Spec. C., 1945. 275.29 W75S

BOOKS AND PAMPHLETS

Includes books and pamphlets on agriculture and closely related subjects, except restricted publications, not included in the foregoing sections, which have been added to the library during the preceding month. Numbered serial publications are listed in the section on Periodical and Serial Literature.

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

15114 AIMS OF INDUSTRY, LTD. Agriculture--prosperous & "uncontrolled," and how to achieve it. 11 p. London, n. d. 281.171 A15

15115 AMERICAN TARIFF LEAGUE. Tariff reductions granted by the United States under the reciprocal trade agreements. 4 p. N. Y., 1944. 285 Am34  
Reductions shown for agricultural products.

15116 BECKER, C. A. Written father and son farm partnership agreements. 12 p., processed. Ithaca, N. Y., Cornell U., Col. of Agr., Dept. of Agr. Econ. and Farm Mangt., n. d. 281 C821

15117 BILMANIS, A. Baltic essays. 267 p. Washington, D. C., Latvian Legation, 1945. Bibliography, p. 222-256. 280.170 B49

Includes agriculture. The appendix gives statistics of land use, agricultural population, size of farms, and production of various products, by countries.

15118 BOWEN, E. R. A charter of economic freedom. 30 p. Chicago, Coop. League of the U. S. A., 1944. 280.2 B67Ch

Consumer cooperation. Includes relation between prices of farm machinery and farm produce.

15119 CARL, L. M., RESELAND, C. A., and HAMPTON, W. B. Iowa farm income by counties. 9 p., processed. Des Moines, Iowa Crop and Livestock Rptg. Serv., 1945? 284 Io92

Iowa Department of Agriculture, Division of Agricultural Statistics and U. S. Bureau of Agricultural Economics cooperating.

15120 CHAMBER OF COMMERCE OF THE UNITED STATES OF AMERICA. AGRICULTURAL DEPT. Variations in farm incomes and their relation to agricultural policies. 27 p. Washington, D. C., 1945. 281.12 C35V

15121 CHINA. Relief and rehabilitation in China; Government of the Republic of China. 37 p. Washington, D. C., 1944. (Doc. No. R & R-1) 280.184 Ch44

UNRRA assistance needed for China; includes agricultural rehabilitation and estimated food requirements.

15122 CONNECTICUT REEMPLOYMENT COMMISSION. Adjustment and reemployment guide and directory (of facilities and program for the training, education, adjustment and reemployment of war veterans and displaced war workers in Connecticut). 80 p. Hartford, 1944. 225 C76

Includes agricultural agencies assisting veterans.



15123 CONSUMERS' LEAGUE OF NEW YORK. The Joeds in New York. 26 p. N. Y., 1945. 283 C75  
Conditions among the migrant farm laborers in New York State.

15124 EASTERBROOK, L. F. Youth and the land. 32 p. London, Pub. for the British Council by Longmans, 1944. (Britain Advances, 21) 10 Y83  
The work of the Young Farmers' Clubs.

15125 ECONOMIC EQUITY, LTD. The A. B. C. of economic equity; the cure for unemployment, slums, poverty & malnutrition; the correct approach to world monetary and economic problems, and to world peace. 21 p. London, 1944? 280.171 Ec7

Chapter IV deals with public ownership of land and the development of agriculture.

15126 ELWELL-SUTTON, L. P. Modern Iran. 234 p. London, Routledge, 1944. 280.185 EL8  
Contains a description of agriculture.

15127 FUNDAÇÃO BRASIL CENTRAL. Fundação Brasil central. 48 p., processed. Rio de Janeiro, 1945? 280.163 F96

Opening up and development of the interior of Brazil, with mention of agricultural settlement.

15128 GREAT BRITAIN. BOARD OF TRADE. Accounts relating to the export trade of the United Kingdom for the years 1942, 1943 & 1944. 60 p. London, H. M. Stationery Off., 1945. 256.03 T67Ac

15129 HAMILTON, C. H. Medical care needs and plans for rural people in North Carolina (reprint); a series of newspaper articles. 13 p., processed. n. p., 1945. 448 H185

15130 HAMMONDS, C., and TABB, W. R. Your farming program. 174 p. Lexington, Ky., Trafton Pub. Co., 1945. 275.1 H185

15131 HOWELL, J. P., GRIFFITHS, J. D., and PHILLIPS, J. R. E. Comparison of costs of winter milk production 1941-2 and 1942-3. 12 p., processed. Aberystwyth, Dept. Agr. Econ., U. Col. of Wales, 1944? 281.344 Un32

15132 MINNESOTA. RESOURCES COMMISSION. Economic analysis of the State of Minnesota; an interpretation based on the report of the J. G. White Engineering Corporation of New York. 65 p. St. Paul, 1945. 280.043 M66

Agriculture, p. 11-18.

15133 MOSHER, A. T., ed. Source book of rural missions; volume I: selected readings. 235 p., processed. N. Y., Agr. Missions, Inc., 1944. 281.2 M85

15134 NATIONAL COMMISSION ON CHILDREN IN WARTIME. Building the future for children and youth. 55 p., processed. Washington, U. S. Dept. of Labor, Children's Bur., 1945. 158.21 B86

15135 PARLIAMENTARY AND SCIENTIFIC COMMITTEE. A scientific policy for British agriculture. 16 p. London, 1944. 281.171 P23

15136 PUERTO RICO. MINIMUM WAGE BOARD. DIVISION OF RESEARCH AND STATISTICS. The sugar cane industry in Puerto Rico. 215 p. San Juan, 1943. 281.365 P962

Includes cost of production, mill profits, living conditions of workers on sugar estates, health of field workers, and workers' cost of living.

15137 REYNOLDS, C. Glory Hill Farm, third year; one hundred acres farmed by an amateur - third year 1942-3. 183 p. London, Lane, 1945. 281.2 R33

Includes a statement of the farm's accounts.

15138 \*ROSIER, C. La France agricole. 511 p. Paris, Editions Alsatia, 1943. Ref., p. 505-507. 281.174 R73

15139 ROSINGER, L. K. China's crisis. 259 p. N. Y., Knopf, 1945. 280.184 R73

Scattered references to the food situation and agricultural conditions.

15140 SAUNDERS, G., and ATKINS, F. Farm valuations for income tax. 24 p. London, Farmers Weekly, 1944? 284.5 Sa82

15141 UNION PACIFIC RAILROAD COMPANY. DEPT. OF TRAFFIC. AGRICULTURAL DEVELOPMENT. Farmseeker's guide. 31 p. Omaha, Nebr., 1945. 31.1 Un3

15142 U. S. CONGRESS. HOUSE. COMMITTEE ON WAYS AND MEANS. 1945 Extension of Reciprocal Trade Agreements Act. Hearings... 79th Cong., 1st sess. on H. R. 2652 superseded by H. R. 3240... v. 1-2 (revised) Apr. 18-21, 23-28, 30, May 1-5, 7-12 and 14, 1945. 2 v. Washington, 1945.

15143 U. S. DEPT. OF THE INTERIOR. Our last land frontiers; how veterans and others can share them. 12 p. Washington, 1945? 156.1 Ou72

15144 ZAFRA, U. A., RUIZ, L. T., and FOLEY, J. H. American-Philippine trade relations. Report of the Technical Committee to the President of the Philippines. 255 p., processed. Washington, D. C., 1944. (TC-1) 280.9 P532

15145 ZAFRA, U. A. Preliminary estimates of Philippine property war damages and losses. Report of the Technical Committee to the President of the Philippines. 65 p., processed. Washington, D. C., 1945. (TC-5) 280.9 P532

Includes damage to agriculture.

#### AGRICULTURAL ENGINEERING

15146 COBB, R. Village story. 54 p. London, Crowther, 194-. 296 C63  
Farm structures.

15147 \*DENCKER, C. H. Landwirtschaftliche stoff- und maschinen-kunde. Ed. 8, 240 p. Berlin, Parey, 1944. 58 D412L

15148 EASTERN STEEL PRODUCTS LIMITED. The Preston book about barns; a picture book of modern barn construction. 62 p. Preston, Ont., 194-? 296 Ea7

15149 EVANS, EDWARD S., TRANSPORTATION RESEARCH. Prefabricated structures, 1940-1944: a list of references. 42 p. Washington, D. C., 1945. 241.4 Ev1  
U. S. Department of Agriculture Library cooperating.

15150 GENERAL ELECTRIC COMPANY. What does hay curing in the mow mean to me? 4 p. Schenectady, N. Y., 1945. 335 G28W

15151 GREAT BRITAIN. MINISTRY OF HEALTH. Housing manual, 1944. 2 v. London, H. M. Stationery Off., 1944. 296.2 G79Ho  
Technical appendices A-B in vol. 1. Technical appendices C-L in vol. 2.

15152 GREAT BRITAIN. MINISTRY OF HEALTH. CENTRAL HOUSING ADVISORY COMMITTEE. Design of dwellings; report of the Design of Dwellings Sub-Committee ... and report of a study group of the Ministry of Town and Country Planning on site planning and layout in relation to housing. 75 p. London, H. M. Stationery Off., 1944. 296.2 G7922D

15153 IMPLEMENT & TRACTOR. The red tractor book. 430 p. Kansas City, Mo., 1945. 58 Im73

15154 \*KAMINSKIĭ, A. E. Eksploatatsiia mashinno-traktornogo parka na vesennem posve i uborku urozhaiia [Utilization of tractor-machine equipment for spring planting and harvesting of crops]. 21 p. Saratov, Saratovskoe Oblastnoe Gosudarstvennoe Izd., 1942. 58 K12

15155 REPUBLIC STEEL CORPORATION. AGRICULTURAL EXTENSION BUREAU. Practical helps for farm and home. 4 v. Chicago, n.d. 30.3 R29

15156 ROSENMAN, D. A million homes a year. 333 p. N.Y., Harcourt, 1945. Ref., p. 315-324. 296.2 R72

15157 U. S. OFFICE OF WAR INFORMATION. Stop accidents, to save manpower, save doctors' and nurses' time, save hospital space, conserve automobiles for essential transportation. 19 p. Washington, 1945. 173.4 W19St

Includes farm accidents.

15158 \*VIARD, R. Constructions rurales et batiments agricoles. Livre II. Les batiments et installations agricoles de la ferme. 459 p. Paris, Librairie de l'Enseignement Technique, 1944. 296 V6S



15159 WATTS, F. E. Farm electrification through better dealers. 17 p. Phila., Farm J., 1944. 335 W34F

AGRICULTURAL PRODUCTS: PROCESSING,  
DISTRIBUTION, AND STATISTICS

15160 AMERICAN MAIZE-PRODUCTS COMPANY. Amioca, a new domestic starch. 15 p. N. Y., 1944. 387.1 Am32

15161 AMERICAN SOCIETY OF BREWING CHEMISTS, CHICAGO. Methods of analysis of the American Society of Brewing Chemists. Ed. 4, rev., various paging. Chicago? 1945. 390.1 Am3  
Analysis of malt and grain products.

15162 BAILEY, A. E. Industrial oil and fat products. 735 p. N. Y., Intersci. Pub., 1945. 307 B15

Includes the properties of fats, their role in the human diet, and their processing and utilization in food and other products.

15163 BEEREND, R. F. Here's how; a handy reference on pork sausage production. 24 p. Cleveland, Ohio, Basic Food Mater., Inc., 1944. 50 339

15164 BRAZIL. DEPARTAMENTO NACIONAL DO CAFE. Brazil coffee in word and picture. 31 p. Rio de Janeiro, n. d. 68.2 B738

15165 BRAZIL. DEPARTAMENTO NACIONAL DO CAFE. The quality coffees of Brazil. 31 p. Rio de Janeiro, n. d. 68.2 B734Q

15166 BRAZIL. INSTITUTO NACIONAL DO MATE. Economia do mate. 151 p. Rio de Janeiro, 1943. 281.377 B732

Chiefly a collection of addresses by C. Gomes de Oliveira, president of the Institute.

15167 BRAZIL. MINISTERIO DA AGRICULTURA. SERVICO DE ESTATISTICA DA PRODUCAO. Aspectos da producao de origem animal 1940-1942 (dados estatisticos); produtos de matadouro - laticinios. 323, 22 p., processed. Rio de Janeiro? 1944. 255.3 Es83As

15168 BRENNEMAN, M. K. Quality in dried vegetables; some important relations of production, storage, and cooking to quality. 21 p. Austin, Tex., Res. Inst., 1944. 389.3 B752

15169 BYRD, N. P., BLAIR, R. E., and PHILLIPS, H. C. Acreage estimates California fruit and nut crops as of 1944. 31 p. Sacramento, Calif. Crop and Livestock Rptg. Serv., 1945. 252.09 C125

U. S. Bureau of Agricultural Economics and California Department of Agriculture cooperating.

Similar title issued as Calif. Dept. Agr. B. 34: 47-75. Apr./June 1945. 2 C12M

15170 CANADA. WARTIME INFORMATION BOARD. War-time controls; questions and answers on the cost of living. 21 p., processed. Ottawa, 1944. 280.13 C168

Includes price control and rationing.

15171 CENTRAL PROVINCES AND BERAR. PROVINCIAL INDUSTRIES COMMITTEE. Report. 150 p. Nagpur, 1945. 280.182 C33

Includes industries based on agricultural products and small-scale and cottage industries.

15172 COMMITTEE FOR ECONOMIC DEVELOPMENT. RESEARCH COMMITTEE. Postwar employment and the removal of wartime controls; a statement on national policy. 31 p. N. Y., 1945. 280.12 C7372P

References to price controls and consumer rationing.

15173 COTTON-TEXTILE INSTITUTE, INC. DIVISION OF TECHNICAL SERVICE. Are you sure you are using the right cotton? 6 p. Clemson, S. C., 1945? 304 C826  
Fiber testing.

15174 DOMINICAN REPUBLIC. COMISION DE DEFENSA DEL CAFE Y DEL CACAO. Primer censo cafetalero nacional 1943. 175 p. Ciudad Trujillo, 1944. 254.8 D7195

15175 FLORIDA. UNIVERSITY. Victory on the food front; agricultural research and extension work conducted by the University of Florida aids State farm families to make record yields of food and fiber for the country's wartime use. 16 p. Gainesville, Fla., 1945. 31.3 F662

15176 \*GROGLIO, P. G. Trattato di enologia; enciclopedia viti-vinicola moderna in cinque volumi. v. 2, 5. Firenze, "Il Progresso Vinicolo ed Oleario," 1941-42. Ref. 390.1 G19

V. 2, Microbiologia ed enzimologia applicata allo studio delle uve, dei mosti e dei vini, 723 p.; v. 5, Analisi chimica, chimico-fisica e merceologica dei mosti, vini, derivati e sottoprodotti, 1095 p.

15177 INNES, SPEIDEN & CO. Locust bean gum, gum arabic, gum karaya, gum tragacanth. 20 p. N. Y., n. d. 309 In6L

15178 INTERNATIONAL COTTON ADVISORY COMMITTEE. SECRETARIAT. The world cotton surplus and export trade. 11 p., processed. Washington, D. C., 1945. 286.382 In8

Preliminary.

15179 \*LENSI, M. La cellulosa; applicazioni industriali e realizzazioni autarchiche. 351 p. Firenze, Cya, 1940. (Biblioteca T. E. M. Collezione Tecnico-Economico-Merceologica, 4) 309 L54

15180 LOPEZ, H. Conocimientos elementales para el productor de leche. 137 p. Valencia, Venezuela, Tipografia "Paris en America," 1944. Ref. 44 L885

15181 MCLAUGHLIN, G. D., and THEIS, E. R. The chemistry of leather manufacture. 800 p. N. Y., Reinhold Pub. Co., 1945. (Amer. Chem. Soc. Monog. Ser.) 303 M22

Includes chapters on The composition and chemical structure of skin, by J. H. Highberger, p. 12-66; Syntans, by K. F. Ruppenthal, p. 682-692; Fatliquoring, oiling and stuffing leather and the materials employed, by R. E. Porter, p. 723-756; and Physical testing methods, by W. E. Emley, p. 757-789.

15182 MIDDLE AMERICA INFORMATION BUREAU. Spices look homeward. 7 p., processed. N. Y., n. d. 68.6 M58

History of spices and those that can be produced in the Western Hemisphere.

15183 MINNESOTA. UNIVERSITY. DEPT. OF AGRICULTURE. Short course for dry milk manufacturers. 1 v. St. Paul, 1945. (Its B. Agr. Short Courses) 44 M663

Contents: Welcome to dry milk short course, by C. H. Bailey; The dry milk situation, by E. F. Koller; Acceptance of dry milk by the armed forces, by R. J. Remaley; A review of work underway on dry whole milk, by S. T. Coulter; Quality milk procurement for Minnesota, by W. W. Thompson; Checking the quality of sweet cream buttermilk, by J. I. Ormond; Presenting the story of quality to the producer, by W. L. Slat-ter; Possibilities of improving nonfat dry milk solids, by J. T. Walsh; Adjusting the acidity of dry milks, by W. B. Combs; Detection of neutralizers in dry milks, by R. W. Kunkel; Detection of neutralizers in liquid skim milk and sweet cream buttermilk, by S. T. Coulter; Some possibilities of whole milk powder in domestic and export trade, by E. M. Barker; Some factors influencing the capacity of milk dryers, by S. Van Deest; Important problems of the dry milk industry, by H. R. Leonard; An operator's view of present milk drying equipment and methods, by J. G. Barnes; Army specifications for dry ice cream mix, by R. J. Remaley; Problems of adequately packaging dry milks, by J. T. Walsh.

15184 NATIONAL ASSOCIATION OF FROZEN FOOD PACKERS. Frozen food pack statistics: 1944. Pts. 1-2, 2 v. Washington, D. C., 1945. 389.9 N2123  
Contents: Pt. 1. Fruit. Pt. 2. Vegetables.

15185 NATIONAL COTTON COUNCIL OF AMERICA. Cotton statistics and related data. 31 p. Memphis, Tenn., 1944. 281.372 N212C



- 15186 NATIONAL COTTON COUNCIL OF AMERICA. Why this barrier? 12 p. Memphis, Tenn., n. d.  
44 N218  
Margarine.
- 15187 NEW YORK BOARD OF TRADE, INC. TEXTILE SECTION. Symposium: grade labeling. 27 p. N. Y., 1944? 280.3 N4827  
Contents: So let's get on with grade labeling, by D. Montgomery, p. 7-9; Voluntary grade labeling, by P. Gade, p. 9-14; Should Government label our goods? by E. H. Gardner, p. 14-17; Is grade labeling in the interest of consumers? by B. D. Anderson, p. 17-23; The case for descriptive labeling, by A. E. Stevens, p. 24-27.  
Includes food products.
- 15188 NEW ZEALAND. MILK COMMISSION. Report on the supply of milk to the four metropolitan areas of Auckland, Wellington, Christchurch, and Dunedin. 132 p. Wellington, 1944. 281.344 N4872  
Various aspects of production and marketing.
- 15189 QUEBEC (PROVINCE). BUREAU OF STATISTICS. Estimation de la valeur brute des productions agricoles, Province de Québec, 1940-1943. 7 p. Québec, P. Q., 1945. 253.8 St2E
- 15190 \*ROCHAIX, A., and TAPERNOUX, A. Le lait et ses dérivés; chimie, bactériologie, hygiène. 412 p. Paris, Vigot, 1942. 44 R582
- 15191 RUBBER MANUFACTURERS ASSOCIATION, INC. A summary of data on synthetic rubber. Rev., 36 p. N. Y., 1944. 305 RS24S
- 15192 SCHLEH, E. J. Noticias históricas sobre el azúcar en la Argentina. 368 p. Buenos Aires, Centro Azucarero Argentino, 1945. 65 Sch33N
- 15193 SEABRA, L. S. V. DE. O problema nacional da celulose; utopias e realidades. 34 p. Alcobaca, Portugal, Direcção Geral dos Serviços Florestais e Aquícolas, 1943. 387.1 P833  
Contains illustrations of various types of fibers.
- 15194 TEA BUREAU, INC. Memorandum on tea. 21 p., processed. N. Y., 1945? 68.1 T224M
- 15195 \*TROTTER, A. La genistra. 274 p. Roma, "Arte della Stampa," 1941. (Ente Nazionale per la Cellulosa e per la Carta. Edizioni Culturali e di Propaganda) 73.5 T75  
Study of brooms for fiber, especially Spartium junceum.
- 15196 TWIN PORTS COOPERATIVE DAIRY ASSOCIATION, SUPERIOR, WIS. History of the Twin Ports Cooperative Dairy Association, Superior, Wisconsin, 1916-1944. 75 p. Superior? Wis., 1944? 280.2449 T92
- 15197 UKERS, W. H. A trip to Brazil. 39 p. Rio de Janeiro, Natl. Coffee Dept. of Brazil, n. d. 125 Uk3
- 15198 UNION PACIFIC RAILROAD COMPANY. DEPT. OF TRAFFIC. AGRICULTURAL DEVELOPMENT. Harvesting and shipping potatoes. Rev., 15 p. Omaha, Nebr., 1945. 74 Un33H
- 15199 UNION PACIFIC RAILROAD COMPANY. DEPT. OF TRAFFIC. AGRICULTURAL DEVELOPMENT. Profitable dairying. 31 p. Omaha, Nebr., 1944. 44 Un323
- 15200 \*U. S. S. R. GLAVNOE UPRAVLENIE AGROTEKHNIKI I MEKHANIZATSII SEL'SKOGO KHOZIAISTVA. Peredovye kolkhozy v bor'be za 8 milliardov pudov zerna. 195 p. Moskva, "Sel'khozgiz," 1940. 33.31 Un3  
Effort of leading collective farms to produce 8 billion pounds of grain.
- 15201 U. S. BUREAU OF FOREIGN AND DOMESTIC COMMERCE. FOODSTUFFS UNIT. Industry report; sugar, molasses and confectionery. 24 p. Washington, 1945. 157.54 In26S  
Report prepared by G. F. Dudik.  
Library of the Dept. of Agriculture has similar report dated November 1944, 15 p.
- 15202 U. S. BUREAU OF THE CENSUS. Cotton production in the United States; crop of 1944. 37 p. Washington, 1944. 157.41 C822
- 15203 U. S. CONGRESS. HOUSE. COMMITTEE ON THE MERCHANT MARINE AND FISHERIES. Regulations on raw shucked oysters. Hearings...79th Cong., 1st sess. pursuant to authority of H. Res. 38...July 16, 1945. 130 p. Washington, 1945.  
On definitions and standards of identity of raw shucked oysters.
- 15204 U. S. OFFICE OF PRICE ADMINISTRATION. OPA reports to Congress. 104 p. Washington, 1945. 173.403 Op12  
Includes price control and rationing of foods and the relation between farmers and the O. P. A.
- 15205 U. S. OFFICE OF PRICE ADMINISTRATION. Presenting facts; where, how and when facts are gathered and used in rationing processed foods. 24 p. Washington, 1945. 173.403 P922
- 15206 U. S. TARIFF COMMISSION. Economic controls and commercial policy in Paraguay. 23 p., processed. Washington, 1945. 173 T17Ecpa  
Trade, rationing, and price control.
- 15207 U. S. TARIFF COMMISSION. Mining and manufacturing industries in Paraguay. 15 p., processed. Washington, 1945. 173 T17Mmpa  
Textile, beverage, food processing, and other industries.
- 15208 U. S. TREASURY DEPT. Charts relating to the Bretton Woods proposals. 18 p. Washington, 1945. 151.1 C38  
Charts show United States production and export of wheat, cotton, tobacco, and lard, 1925/28 and 1931/34, and farm prices and exchange depreciation.
- 15209 U. S. WAR PRODUCTION BOARD. CONTAINERS DIVISION. Re-use of containers. 48 p. Washington n. d. 173.409 C764
- 15210 WASHINGTON WHEAT GROWERS LEAGUE, WALLA WALLA, WASH. The AAA wheat program and proposals to bring parity to wheat growers. 7 p., processed. Walla Walla, Wash., n. d. 281.359 W27

## ANIMAL INDUSTRY

- 15211 BANTAM MAGAZINE. Cochín Bantams; description of the many varieties of Cochín Bantams, with special articles by leading breeders and authorities on mating, culling, breeding, color markings, care, conditioning, exhibiting, etc. 46 p. Franklinville, N. Y., 1945. 47 B22
- 15212 BENBROOK, F. A. List of parasites of domesticated animals in North America. 44 p., processed. Minneapolis, Minn., Burgess Pub. Co., 1945. 436 B433  
Internal and external.
- 15213 BENSLEY, B. A. Practical anatomy of the rabbit; an elementary laboratory text-book in mammalian anatomy. Ed. 7, rev. and ed. by E. H. Craigie, 358 p. Phila., Blakiston, 1945. 444 B44
- 15214 BORTOLETTI, P. Conocimientos generales de medicina veterinaria, relacionados con la ovariotomia del ganado vacuno hembra. 152 p. Guatemala, Secretaría de Agricultura, 1944. 41 B648
- 15215 COOK, G. E. American champions. 63 p. N. Y., Macmillan, 1945. 48 C77  
Illustrative description of breeds of dogs.
- 15216 \*ELLENBERGER, W., and BAUM, H. Handbuch der vergleichenden Anatomie der Haustiere. Ed. 18, ed. by O. Zietzschmann, E. Ackermann, and H. Grau, 1155 p. Berlin, Springer, 1943. Ref. 444 EL5
- 15217 \*ERIKSSON, K. Hereditary forms of sterility in cattle; biological and genetical investigations. I. 155 p. Lund, Ohlssons, 1943. Ref. 41 Er4  
Mainly confined to sexual gland hypoplasia.
- 15218 JUDY, W. Handling the mating. Ed. 5, 14 p. Chicago, Judy, 1945. (Handy Dog Booklet Ser. 8) 48 J92H
- 15219 LLOYD, E. W. Sussex cattle. 106 p. Lewes, Eng., Sussex Express and County Herald Ltd., 1945. 43 W14



15220 \*NEVEU-LEMAIRE, M. Précis de parasitologie vétérinaire. Ed. 2, 469 p. Paris, Vigot, 1942. 486 N412P

Internal and external parasites, and fungi.

15221 \*STAFFE, A. Die akklimatisation der haustiere in den afrikanischen tropen. 243 p. Berlin, Mittler, 1944. Ref. (Kolonialwissenschaftliche Forschungen Ergebnisse und Probleme. v. 4) 40 St13

15222 TABER, G. Especially Spaniels, with photographs by Jill (Eleanor S. Mayer). 180 p. Phila., Macrae-Smith, 1945. 48 T11  
Cocker Spaniels.

15223 ULTRA-LIFE LABORATORIES, INC. Ultra-Life-Eamesway poultry manual. 136 p. East St. Louis, Ill., Eames Inst. of Poultry Technol., 1945. 47 UL8

15224 YOSELOFF, T. Dogs for democracy; the story of America's canine heroes in the Global War, by Thomas Young [pseud.]. 32 p. N. Y., Ackerman, 1944. 48 Y82

#### ENTOMOLOGY

15225 ARNOLD, G. The Sphecidae of Madagascar. 193 p. Cambridge, Eng., Cambridge U. Press, 1944. l. e. 1945. 426 R34

Printed for the Trustees of the National Museum of Southern Rhodesia.

15226 CASTILLO CALERO, A. Nociones prácticas de apicultura. 123 p. Mérida, "Fomento de Yucatán," 1944. 424 C27

15227 DROPKIN, V. H. The ecology of the termite gut. 33 p. Chicago, U. of Chicago, 1944. Ref. Libr. Cong. Thesis.

15228 FULLAWAY, D. T., and KRAUSS, N. L. H. Common insects of Hawaii. 228 p. Honolulu, Tongg, 1945. 422.9 F95

15229 \*GRIVANOV, K. P. Vesennie raboty po bor'be s glavneishimi vreditel'nyimi sel'skokhoziaistvennykh kul'tur [Spring work for the control of the principal pests of agricultural plants]. 15 p. Saratov, Saratovskoe Oblastnoe Gosudarstvennoe Izd., 1942. 423 G88

15230 \*GRIVANOV, K. P. Vrednafa cherepashka i bor'ba s nei [Eurygaster integriceps and its control]. 39 p. Saratov, Saratovskoe Oblastnoe Gosudarstvennoe Izd., 1941. 431 G82

15231 MACAULAY, J. W. A tsetse fly [Glossina morsitans] and trypanosomiasis survey in Bechuanaland 1940-1942. 68 p. Johannesburg, Bechuanaland Protectorate Govt., Vet. Dept., 1943? 428 M12

15232 \*RAUCOURT, M., and BÉGUÉ, H. Étude sur les produits utilisés en France contre le doryphore, Leptinotarsa decemlineata. 115p. Paris, Direction de l'Enseignement et des Recherches, 1942. (Collection de Monographies et Mises au Point Publiées par les Stations et Laboratoires de Recherches Agronomiques) Ref. 423 R19

#### FOOD AND HUMAN NUTRITION

15233 BROWN, A. P. Nutritional status of some Utah population groups. 24 p. Logan, Utah State Agricultural College, Faculty Assoc., 1944. (Annual Faculty Res. Lecture No. 3) 389.1 Utl

15234 BROWN, C. M. The diets of high school students and factors influencing food habits. 10 p. Minneapolis, U. Minn. Press, 1945. (Community Basis for Postwar Planning, No. 4) 280.9 C738

15235 BURROUGHS WELLCOME AND COMPANY. The vitamins. 80 p. N.Y., 1944. 389.1 B94

15236 CEREAL INSTITUTE, INC. America's protein supply, an evaluation of cereal proteins. 4 p. Chicago. 1945. 389.1 C33Am

15237 COMMON COUNCIL FOR AMERICAN UNITY. What's cooking in your neighbor's pot. v.p., processed. N. Y. 1944. (Friendship Through Food Ser.) 389.25 C734

15238 CURTIS, N., and GILBEY, C. Malnutrition. (Quaker work in Austria 1919-24, and Spain 1936-39). 87 p. London, Milford, 1944. 389 C94

15239 GREGORY, E., and WILSON, E. C. G. Good nutrition: principles and menus...with a chapter by J. Malcolm...ed. by M. E. Bell. Ed. 3, 119 p. Wellington, New Zeal., Hutcheson, Bowman & Johnson, 1944. 389.1 G863

15240 HESSE, L. W. What shall I serve: a collection of menus with their recipes for the home kitchen. 160 p. Columbus, Ohio, Heer Print. Co., 1945. 389.25 H462

15241 \*LAVOLLAY, J. I. L'autoxydation des di-phénols en particulier de l'adrénaline. II. Structure et rôle fonctionnel de la vitamine P. 138 p. Paris, Hermann, 1943. (Actualités Scientifiques et Industrielles, 943.) 386.3 L39

15242 NATIONAL RESEARCH COUNCIL. FOOD AND NUTRITION BOARD. COMMITTEE ON THE NUTRITION OF INDUSTRIAL WORKERS. Institutional feeding in industry. 53 p., processed. Washington, D. C., 1944. 389 N21931

15243 OREGON. STATE JOINT COMMITTEE FOR HEALTH AND PHYSICAL FITNESS. The school lunch: a guide for planning and administering the school lunch program in Oregon schools. 28 p. Salem, State Ptg. Dept., 1944. 389 Or3

Prepared by a subcommittee of the Committee on Nutrition for the School Child.

15244 STRAUS, MRS. R. W. Reprint of address ... on the work of the New York State Emergency Food Commission, with emphasis on its human nutrition program. 6 p. N. Y., N. Y. State Emergency Food Comm., 1944. 389 St82

15245 U. S. BUREAU OF THE BUDGET. DIVISION OF ADMINISTRATIVE MANAGEMENT. Coordination of Federal nutrition programs. 40 p., processed. Washington, 1945. 151.281 C78

15246 ZELAYETA, E. Elena's famous Mexican and Spanish recipes. 127 p. San Francisco, 1944. 389.25 Z3

#### FORESTRY

15247 BLACK, S. R. Lumber after the war. How good? How much? How long? 20 p. Washington, D. C., Amer. Forest Prod. Indus., 1945? 99.76 B56

15248 BOULTON, E. H. B. Wood has gone to war; its little-known but vital role. 4 p. London, Timber Devlpmt. Assoc., Ltd., 194-? 99.66 T48

15249 CLEAR, T. Forestry. In Royal Dublin Society. The Natural Resources of Ireland, p. 81-90. Dublin, 1944? 280.171 R81

15250 \*DIETERICH, V. Forstliche betriebswirtschaftslehre, ein lehr- und handbuch. Bd. 3, Erfolgsrechnung - zielsetzung. 310 p. Berlin, Parey, 1941. 99.55 D56

15251 FARM PRESS FOREST PRODUCTS COMMITTEE, ITHACA, N. Y. This battle must be won in farm woodlands. 16 p. Ithaca? N. Y., 1945. 99.61 F22

Appeal for advertisers to publicize the need for wood from farm woodlands for war uses.

15252 \*FOGLI, O. Legnami indigeni ed esotici, nei loro usi e provenienze; guida per i produttori, commercianti, carpentieri, falegnami, ebanisti e per tutti i consumatori di legname. Ed. 3, 214 p. Milano, Hoepli, 1944. (Manuali Hoepli) 99.79 F68

15253 GILMOUR, J. D. Observations on the growth of the next forest crop in the lower Fraser Valley and southern Vancouver Island. 24 p. Vancouver, B. C., H. R. MacMillan Export Co., Ltd., 1945. 99.46 M22

15254 HOWARD, SIR H. Post-war forest policy for India. 49 p. New Delhi, Govt. of India Press, 1944. 99.71 H83

15255 LÓPEZ, F. D., and CUSSAC, C. M. Arboles forestales en el Uruguay y problemas afines. 204 p. Montevideo, J. Mercant, 1943. 99.24 L88



15256 MICHIGAN. STATE PLANNING COMMISSION. FOREST PRODUCTS RESEARCH COMMITTEE. Progress report. 4 p., processed. Lansing, 1945. 280.7 M58F

15257 MONTANA. FOREST LANDS ADVISORY COMMISSION. Report...January 1945. 48 p. Missoula, Mont., 1945. 99.61 M76

A study of forest resources and policies of the State, with recommendations.

15258 MOREHEAD, F. T. The forests of Burma. 67 p. London, Longmans, 1944. (Burma pamphlets, No. 5) 99.67 M81

15259 NATIONAL ROSTER OF SCIENTIFIC AND SPECIALIZED PERSONNEL. Handbook of descriptions of specialized fields in forestry. 14 p., processed. Washington, D. C., 1945. 173.4 W1932HF

15260 SHANKLIN, J. F. Federally owned or managed forest areas requiring protection and State and private owned forest areas requiring protection. 2 p., processed. Washington, U. S. Dept. of the Interior, 1945. 156.1 F313

Statistical tables.

15261 TEJADA Y SAÍNZ, J. DE D. A Spanish-English glossary of Cuban woods. 30 p. Santa María del Rosario, Cuba, Editorial Var-I-Tek, 1945. 99.01 T23

15262 THUNELL, B., BERGVALL, L., and DAHLBERG, E. Trä, dess byggnad och felaktigheter. 103 p. Stockholm, Byggstandardiserings, 1944? 99.31 T42

The structure and defects of wood and their effects on the quality of wood products.

15263 VIRGINIA. ADVISORY LEGISLATIVE COUNCIL. Forest and forest land problems in Virginia. Report of the Virginia Advisory Legislative Council to the Governor and the General Assembly of Virginia. 7 p. Richmond, Div. of Purchase and Ptg., 1944. ([Gen. Assembly, 1942] Senate. Doc. 7) 99.61 V813

#### PLANT SCIENCE

15264 \*BÄRNER, J. Die nutzhölzer der welt. 3 v. Neudamm, Neumann, 1942-1943. 452.8 B26  
Unter mitwirkung von J. F. Müller.  
Description and identification.

15265 CHANDLER, W. H. Trees in two climates. 22 p. Berkeley, U. of Calif. Press, 1945. Ref., p. 21-22. (Calif. U. Res. Faculty Lecture 18). 463.24 C36

Effect of winter climate on an apple tree near Crown Point, N. Y., compared with the effect of California climate on fruit trees.

15266 \*CONIN, W. Verbesserte arbeitsverfahren im raps- und rübsenbau. Ed. 2, 42 p. Berlin, Reichsnährstand, 1941. (Arbeiten des Reichsnährstandes, v. 54) 91.42 C76

15267 CUMMING, A. Hardy chrysanthemums. Rev. ed., 202 p. N. Y., Amer. Gard. Guild, 1945. 96.519 C91

15268 ERICKSON, A. W. McFadden's Hope. Fighting plant breeders win battle for bread. 36 p. Minneapolis, Minn., Field Notes Crop Rptg. Serv., 1945. 59.26 Er4M

Development of rust-resistant variety of wheat.

15269 EVERETT, T. H. A guide to wild flowers, woodland flowers; a companion book to A guide to garden flowers, A guide to field flowers. 60 p. Racine, Wis., Whitman Pub. Co., 1945. 455 Ev2

15270 \*FELDMANN-MAZOYER, G. Recherches sur les céramiacées de la Méditerranée occidentale. 510 p. Alger, Imprimerie Minerva, 1940. 461.4 F33  
Imprint covered by label; Paris, Lechevalier.

15271 FIRESTONE FARM AND GARDEN SERVICE BUREAU. Your war garden for 1945; helpful information. 26 p. Akron? Ohio, Firestone Tire and Rubber Co., 1945. 91.15 F51

15272 FORD MOTOR COMPANY. GARDEN EDUCATIONAL SERVICE. Gardening for security; a permanent home vegetable garden with plans and methods adaptable to a community or school garden plot. 36 p. Dearborn, Mich., 1945. 91.15 F75

15273 FRASER, W. P., and RUSSELL, R. C. A revised, annotated list of the plants of Saskatchewan. 64 p. Saskatoon, Sask., U. of Saskatchewan, 1944. 545.44 F86

15274 FRITSCH, F. E. The structure and reproduction of the Algae. v. 2. Phaeophyceae, Rhodophyceae, Myxophyceae. Cambridge, U. Press, 1945. 461.4 F91

15275 IMPERIAL MYCOLOGICAL INSTITUTE, KEW. Virus names used in the Review of Applied Mycology. 44 p., processed. Kew, Eng., 1944. 464.32 Im7

15276 \*KAZAKEVICH, L. I. Kok-sagyz v Saratovskoi oblasti [Kok-sagyz in the Saratov region]. 31 p. Saratov, Saratovskoe Oblastnoe Gosudarstvennoe Izd., 1942. 78 K18

15277 \*KAZAKEVICH, L. I. Lekarstvennye rasteniia Saratovskoi oblasti, ikh sbor i zagotovka [Medicinal plants of the Saratov region, their harvesting and storing]. 82 p. Saratov, Saratovskoe Oblastnoe Gosudarstvennoe Izd., 1942. 71 K18

15278 \*KLAPP, E. Lehrbuch des acker- und pflanzenbaues. Ed. 2, rev., 352 p. Berlin, Parey, 1944. (Deutscher Landbau; Lehrbuchreihe des Forschungsdienstes (Reichsarbeitsgemeinschaften der Landwirtschaftswissenschaft)) 64 K662

15279 \*KOSTOV, D. Tsitogenetika na roda Nicotiana (Cytogenetics of the genus Nicotiana). 1071 p. Sofia, D'rzhavna Pechatnitsa, 1941/1943. Ref., p. 1037-1071. 463.69 K84

Added text in English.

15280 \*KRASNÍUK, A. A. Vozdelyvanie ozimoĭ rzhiz v Saratovskoi oblasti [Cultivation of winter rye in the Saratov region]. 24 p. Saratov, Saratovskoe Oblastnoe Gosudarstvennoe Izd., 1942. 59.25 K86

15281 \*KRZHILIN, A. S. Kak poluchit' ranniĭ kartofel' i ovoshchi [How to get early potatoes and vegetables]. 28 p. Saratov, Saratovskoe Oblastnoe Gosudarstvennoe Izd., 1942. 91.12 K94

15282 LECLERC, H. Les légumes de France; leur histoire, leurs usages alimentaires, leurs vertus thérapeutiques. Ed. 3, rev., 318 p. Paris, Legrand 194-? 91.2 L495

15283 \*LOISEAU, J. Chercheur de champignons; méthode pratique pour la recherche des champignons sur le terrain. Ed. 2, 144 p. Paris, Vigot, 1943. (Nouvelle Collection d'Étude de la Nature) 462.5 L83

15284 NICARAGUA. MINISTERIO DE AGRICULTURA Y TRABAJO. Charla sobre cítricos. 7 p. Managua, D. N.; Nuevos Horizontes, 1944? 93.33 N51

15285 OSVALD, H. Potatis. 128 p. Stockholm, Kooperativa Förbundet Bokförlag, 1940. 75 Os8  
Includes culture, diseases, history, etc.

15286 OXFORD. UNIVERSITY. DEPT. OF BOTANY. LIBRARY. List of periodicals. 20 p. Oxford, U. Press, 1944. 241.9 Oxp

15287 PEÑA, R. Flora cruceña. 475 p. La Paz, Editorial del Estado, 1944. (Biblioteca Boliviana; ser. 3a, No. 1) 457.4 P37  
Region of Santa Cruz, Bolivia.

15288 RABINOWITCH, E. I. Photosynthesis and related processes. v.1, Chemistry of photosynthesis, chemosynthesis and related processes in vitro and in vivo. 599 p. N. Y., Intersci. Pub., 1945. 463.34 R11

References at end of chapters.

15289 \*RICHTER, J. Botanik I; botanische wanderungen 48 p. Dresden, Steinkopff, 1941. (Die Lehrapotheke, v. 5) 463.3 R51

15290 SCHATZ, R. Gartenstaltung; ein leitfaden für den unterricht an gartenbauschulen und gärtnerlehranstalten sowie zum selbststudium für gartenausführende. 84 p. Berlin, Parey, 1940. (Gärtnerische Berufspraxis, 22) 97 Schl

15291 SUÁREZ F., J. Trebol encarnado. 6 p. Santiago, Chile, Departamento de Genética Fitotécnica, 1945. 60.3 C432



15292 TABOR, J. E., and GREEN, I. J. Preliminary report on grassland development in Newfoundland. 24 p., processed. St. John's, Newfoundland, Dept. of Natural Resources, Agr. Div., 1944. 60.1 N45

15293 TIRELLI, M. Studi sulla vegetazione fisiologica e coltura del gelso in clima tropicale. 156 p. Bologna, Consiglio Nazionale delle Ricerche, Comitato per l'Agricoltura, 1943. Ref., p. 153-154. 93.39 T51

15294 UNION PACIFIC RAILROAD COMPANY. DEPT. OF TRAFFIC. AGRICULTURAL DEVELOPMENT. Employees' victory garden guide. 31 p. Omaha, Nebr., 1944. 91.15 Un33

15295 VERSCHAFFELT, A. New iconography of the camellias containing the figures and the descriptions of the rarest, the newest and the most beautiful varieties of this species, 1848-1860. 318 p. Avery Island, La., McIlhenny, 1945. 452.3 V61  
Translation of his Nouvelle iconographie des camélias, by E. A. McIlhenny.

15296 WYSE-GARDNER, C. Cultivation of melons under cloches. 4 p. Chertsey, Eng., Intensive Gard. Press, 1945? 91.51 W99

15297 YOCUM, L. E. Plant growth. 203 p. Lancaster, Pa., Cattell, 1945. 463 Y7

#### SOILS AND FERTILIZERS

15298 BARNES, J. S. Soil conservation is a war weapon. 2 p., processed. Santa Barbara, Calif., Calif. Conserv. Council, 1944. 56.7 B262

15299 \*CHIZHOV, B. A. Mestnye i mineral'nye udobreniya i ikh primeneniye [Local and mineral fertilizers and their utilization]. 50 p. Saratov, Saratovskoe Oblastnoe Gosudarstvennoe Izd., 1942. 57 C43

15300 KENDALL, R. G. Practical field draining (moisture control). 31 p. Tunbridge Wells, Eng., Clements & Son, 1945? 54 K33

15301 NATIONAL AGRICULTURAL LIMESTONE ASSOCIATION, INC. National Agricultural Limestone Association, Inc...a national organization of liming materials producers united to protect and advance interests of the industry. 30 p. N. Y., 1945? 57.9 N218

15302 U. S. CONGRESS. SENATE. COMMITTEE ON IRRIGATION AND RECLAMATION. Hearings...78th Cong., 2d sess. on S. Res. 304 authorizing an investigation with respect to the present and future need for development of projects for irrigation and hydro-electric power. Held in Phoenix, Florence, Safford, Yuma, and Kingman, Ariz., July 31 and Aug. 1, 2, 3, and 4, 1944. 251 p. Washington, 1945.

15303 U. S. CONGRESS. SENATE. COMMITTEE ON IRRIGATION AND RECLAMATION. New Mexico water resources. Hearings...78th Cong., 2d sess. on S. Res. 304 authorizing an investigation with respect to the present and future need for development of projects for irrigation and hydro-electric power. Held in Albuquerque, N. Mex., Oct. 2 and 3, 1944. 139 p. Washington, 1945.

15304 U. S. TENNESSEE VALLEY AUTHORITY. COMMITTEE ON COOPERATIVES. Valley Committee of Cooperatives and proposed statement of objectives. 2 p., processed. Knoxville? 194? 173.2 T25V

Promotion of cooperatives interested primarily in production and use of fertilizers.

#### MISCELLANEOUS

15305 BAILEY, J. C. Seaman A. Knapp, schoolmaster of American agriculture. 307 p. N. Y., Columbia U. Press, 1945. (Columbia U. Studies in the History of Amer. Agr. No. 10) Ref., p. 281-290. 120 K72B

Founder of farm demonstration work from which developed the cooperative Extension Service of the United States.

15306 BIBLIOTECA BENJAMIN FRANKLIN, MÉXICO, D. F. Lista de las revistas y otras publicaciones en serie que se encuentran en la Biblioteca. 73 p., processed. México, D. F., 1944. 241.9 M57

15307 INTER-AMERICAN CONFERENCE ON AGRICULTURE, 3d, CARACAS, 1945. General report on the implementation of the resolutions of the second Inter-American Conference on Agriculture, submitted to the third Inter-American Conference on Agriculture by the Pan American Union, Caracas, Venezuela, July 24, 1945. Pts. 1-3, 3 v. Washington, D. C., Pan Amer. Union, 1945. 5 In8203Ae

The Library of the Dept. of Agriculture also has these reports in Spanish (5 In8203).

15308 INTER-AMERICAN CONFERENCE ON AGRICULTURE, 3d, CARACAS, 1945. Handbook for the use of the delegates. 6 Nos., processed. Washington, D. C., Pan Amer. Union, 1945. 5 In8203H

V. I, pt. 1: Money and agriculture; International basic agricultural commodities, 208 p.; pt. 2: Oil bearing seeds and vegetable oils; Animal fat and wool, 110 p.; v. II, pt. 1: Foodstuffs and raw materials, 136 p.; pt. 2: Animal industry; Economic entomology; Industrial utilization of agricultural products; and Food and nutrition, 115 p. (includes The dairy industry in the United States, by R. E. Hodgson, M. H. Fohrman, and G. E. Holm, p. 13-34); v. III. Markets and transportation; Agricultural migration in war years; Agricultural statistics, 111 p.; v. V: International organizations dealing with agriculture; Farm cost analysis [with some references to farming in Latin America, by J. D. Black, J. Ahumada, R. Arellano Bonilla, and J. Alcazar, p. 10-53], 53 p. Contains numerous bibliographies on agriculture and agricultural commodities.

Library of the Dept. of Agriculture has also the Spanish edition of these reports (5 In8203Hs).

15309 JORDAN, E. O., and BURROWS, W. Textbook of bacteriology. Ed. 14, rev., 909 p. Phila., Saunders, 1945. 448.2 J76

15310 \*MEYER, E., and ZIMMERMANN, K. Lebenskunde; lehrbuch der biologie für höhere schulen. 2 v. Erfurt, Stenger, 194-? 442 M72

15311 NATIONAL CONSERVATION POLICY CONFERENCE, WASHINGTON, D. C., 1944. Proceedings. 107 p. Washington? 1944? 279.9 N216

Sponsored by American Wildlife Institute, Izaak Walton League of America, National Audubon Society, National Wildlife Federation.

Includes addresses by A. Fortas, C. R. Wickard, I. N. Gabrielson, N. B. Drury, J. Collier, J. n. Leech, L. F. Watts, H. H. Bennett, W. E. Warne, F. W. Johnson, J. D. Wolfsohn, J. W. Mountin, J. J. Kingman, A. Wetmore, K. A. Reid, W. P. Wharton, and H. L. Ickes.

15312 NOBLE, R. C. The nature of the beast; a popular account of animal psychology from the point of view of a naturalist. Based largely on the scientific publications, lectures, and notes of the late G. Kingsley Noble. 224 p. Garden City, N. Y., Doubleday, 1945. 411 N66

Includes insects and spiders.

15313 \*PASQUINI, P., and RANZI, S. Biologia animale. I. Organizzazione e sviluppo. 235 p. Roma, Libreria di Scienze e Lettere, 1940. 442 P26

15314 \*PITON, L. E. Paléontologie du gisement éocène de Menat (Puy-de-Dôme) (flore et faune). 303 p. Clermont-Ferrand, Vallier, 1940. Ref. 402 P68

Imprint covered by label: Paris, Lechevalier. Partial contents: Plantes fossiles de Menat, p. 12-102; Classe des insectes, p. 109-257.

15315 \*PRECHT, H. Das taxis-problem in der zoologie. 128 p. 1942. 411 P91  
From Z. f. Wiss. Zool., v. 156, 1942.

The orientation of organisms, including insects, with regard to light and gravity.



## PERIODICAL AND SERIAL LITERATURE

## PLANT SCIENCE

## GENERAL

15316 ACRELIIUS, F. U. G. Botanical notes: 1944. Kans. Acad. Sci. Trans. 48: 105-106. June 1945. 500 K13T

15317 ARCE, N. Un proyecto razonable para huertos escolares y fincas pequeñas, ilustrado con un plano de distribución. Panama. Min. de Agr. y Com. Rev. de Agr. y Com. 4(46): 7-9. June 1945. 8 R3291

15318 BISBY, G. R. What are mycologists doing about nomenclature? Ann. Appl. Biol. 32: 183-184. May 1945. 442.8 An72

15319 CLARKE, W. B. Standardized plant names--what's to be done? Amer. Nurseryman 82(4): 22-24. Aug. 15, 1945. 80 Am371  
General use by nurserymen urged.

15320 COCKERELL, T. D. A. The Colorado desert of California: its origin and biota. Kans. Acad. Sci. Trans. 48: 1-39. June 1945. 500 K13T

15321 FERNALD, M. L. Injury to herbarium-specimens by extreme heat. Rhodora 47: 258-260. Aug. 1945. 450 B34

15322 FURTADO, A. DA R. Pesquisa da atividade antibacteriana com 180 amostras de Aspergillus miche-11, 1729. Inst. Oswaldo Cruz. Mem. 41: 206-222. Oct. 1944. 448.9 In74

15323 \*GAUSSEN, H. Les gymnospermes actuelles et fossiles. Toulouse. U. Lab. Forest. Trav. t. 2 (Études Dendrol. v. 1, Fasc. I-II), 216 p. Toulouse, 1944. 99.9 T64

15324 HARSH, G. F., and ALLEN, S. E. A study of the fungus contaminants of the air of San Diego and vicinity. J. Allergy 16: 125-135. May 1945. 448.8 J8236

15325 \*KLEINER, P. À propos de la nomenclature botanique. Rev. Hort. Suisse 18: 34-35. Feb. 1945. 80 B3212

15326 LANG, W. J. Pachytheca and some anomalous early plants (F. ototaxites, Nemathothallus, Parka, Foerstia, Orvillea n. g.). Linn. Soc. London. J. Bot. 52: 535-552. July 1945. 451 L64J  
Paleobotany.

15327 \*LOUBIERE, A. De la valeur diagnostique des caractères structuraux dans l'étude comparative des bois vivants et fossiles des dicotylédones. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 489-494. Nov. 1941. 410.9 P213

15328 \*LOUBIERE, A. Remarques sur quelques bois silicifiés de la collection Unger. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 495-496. Nov. 1941. 410.9 P213

15329 \*LOUBIERE, A. Répartition stratigraphique des bois à structure cupressiforme. Paris. Mus. Natl. d'Hist. Nat. (ser. 2) 15: 256-257. Apr./June 1943. 410.9 P213  
Paleobotany.

15330 \*LOUBIERE, A. Sur un bois silicifié de monocotylédone du Tertiaire des Antilles. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 177-179. Feb./May 1940. 410.9 P213

15331 MORSE, S. F. "A good flower: The primrose." II. The golden age. Amer. Primrose Soc. Q. 3: 1-5. (To be cont.) July 1945. 96.575 Am3  
Notes on early books and prints.

15332 \*O., P. Volkskundliches über blumen und kränze. Schweiz. Gart., No. 12, p. 370-371. Dec. 20, 1944. 80 Sch93

15333 \*PAVLOV, K. Znachenie na fenologichniti nabludenie za nasheto zemedijsko stopanstvo [The significance of phenological observations for our agricultural economy]. Spis. Zeml. Izp. Inst. B"lgarifa 13: 57-69. Jan./June 1943. 106.3 R32

15334 RAMSBOTTOM, J. Reasons for name-change and the stability of names. Ann. Appl. Bot. 32: 181-183. May 1945. 442.8 An72

Nomenclature of higher plants and fungi.

15335 RENDLE, B. J. Names of timber trees. Ann. Appl. Biol. 32: 184-185. May 1945. 442.8 An72

15336 SCHROCK, A. E. A preliminary analysis of an unglaciated bog in Pennsylvania. Pittsburgh. U. Grad. School. Abs. Theses [etc.], 1944: 246-249. Feb 10, 1945. 241.8 P68

15337 SCHULTZ, E. F. Notas sobre algunos aspectos agronomicos del Valle de Tafi. Bolsa de Com., Rosario. Rev. 33(798): 19-21. Apr. 15, 1945. 287 R71

15338 \*SELLING, O. On cupressoid root remains of Mesozoic age from the Arctic. Arkiv för Bot., v. 31A, No. 13, 20 p. 1944. Ref. 451 Sv2

15339 SMALL, J. A. Island Beach. Torreya 45: 33-35. June 1945. 450 T63

History of ownership of the island in Ocean County, N. J., and proposition to make it a natural history preserve on account of the vegetation.

15340 \*SOYER, R. Florule du lutétien supérieur de Champigny (Seine). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 291-293. Apr./June 1942. 410.9 P213

Paleobotany.

15341 SYNGE, P. Cedars in North Africa. Trees [Dorchester] 9(1): 25-27. July/Sept. 1945. 99.8 T714

15342 \*TOZZI, R. Manifestazioni agricole della Goscia. Agr. Colon. 35: 26-34. Jan. 1941. 26 Ag82

15343 VAN RENSSSELAER, M. Requisites for a western arboretum. Natl. Shade Tree Conf. Proc. (1944) 20: 225-228. 99.9 N218

## SYSTEMATIC AND GEOGRAPHIC BOTANY

## General

15344 DEGENER, O. Tropical plants the world around. IV. N. Y. Bot. Gard. J. 46: 156-167. July 1945. 451 N48J

15345 FOGG, J. M. Studies on the Pennsylvania flora. (Abs.) Torreya 45: 60-61. June 1945. 450 T63

15346 LORD, C. M. Hunting for primulas with Capt. F. Kingdon Ward. Amer. Primrose Soc. Q. 3: 4-7, 14. (To be cont.) July 1945. 96.575 Am3  
Quoted in part from F. K. Ward.

15347 MOLDENKE, H. N. A contribution to our knowledge of the wild and cultivated flora of Massachusetts - I. Torreya 45: 41-52. June 1945. 450 T63

15348 \*PETROV, M. P. Ocherk rastitel'nosti Severnogo Irana (Précis sur la flore de l'Iran du Nord). Sovet. Bot. 1944, No. 4/5, p. 46-59. 450 So8

15349 \*WARD, F. K. A sketch of the botany and geography of north Burma. III. Bombay. Nat. Hist. Soc. J. 45: 133-148. Apr. 1945. 513 B63

## Spermatophytes

15350 ADDISONIA, v. 22, No. 3, col. pls. 721-728. Apr. 1945. 450 Ad2

Gerardia acuta, Rubus linkianus, Fritillaria pudica, Drosera filiformis, Kalanchoë grandiflora, Gentiana linearis, Habranthus andersonii, Crataegus egglestoni

15351 BEHN, K. Flora de Chile. Las familias euforbiaceas, aextoxicacras y calitriqueneas. Rev. Chilena de Hist. Nat. Pura y Aplicada 46/47: 145-196. 1942/1943, pub. 1944. 410 R325

To supplement Carlos Reiche's "Flora de Chile" that did not include the Euphorbiaceae.



- 15352 \*BOR, N. L. Some beautiful Indian climbers and shrubs. XIX. Malpighiaceae. Bombay. Nat. Hist. Soc. J. 45: 97-105. Apr. 1945. 513 B63
- 15353 \*CAMUS, A. Fagacées asiatiques nouvelles. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 357-360. July/Sept. 1942. 410.9 P213
- 15354 \*CIFERRI, R. Il genere *Olea* e l'origine dell'*Olea europaea*. Olivicoltore 18(8): 235-238. Aug. 1941. 80 OL4
- 15355 \*CIFERRI, R. Saggio di una classificazione sottospecifica dell'*Olea europaea*. Olivicoltore 19(5): 93-97. May 1942. 80 OL4
- 15356 CORY, V. L. A new *Argythamnia* *A. argyrea*, from Texas. Madroño 8: 91-92. July 1945. 450 M26
- 15357 CRONQUIST, A. A new aster *A. yukonensis*, from Yukon. Madroño 8: 97-99. July 1945. 450 M26
- 15358 \*DATTA, R. M. On the occurrence and distribution of *Pothos scandens* Linn., var. *helferianus*, Engl. in Bengal. Cur. Sci. Bangalore, 14: 153. June 1945. 475 Sci23
- 15359 EASTWOOD, A. Tentative key and discussion of the lupines with spurred calyx. Leaflets West. Bot. 4: 186-194. Aug. 13, 1945. 450 L47
- 15360 FERNALD, M. L. Key to *Antennaria* of the "Manual Range." *Rhodora* 47: 221-235, 239-247. July, Aug. 1945. 450 R34
- Contributions from the Gray Herbarium of Harvard University, CLVII.
- 15361 FERNALD, M. L. *Senecio congestus*. *Rhodora* 47: 256-257. (To be cont.) Aug. 1945. 450 R34
- Contributions from the Gray Herbarium of Harvard University CLVII.
- 15362 FERNALD, M. L. Transfers in and animadversions on *Artemisia*. *Rhodora* 47: 247-256. Aug. 1945. 450 R34
- Contributions from the Gray Herbarium of Harvard University CLVII.
- 15363 FOSTER, R. C. Studies in the Iridaceae. III. Gray Herbarium, Harvard U., Contrib. CLV, p. 1-54. 1945. 451 G792
- 15364 \*FANET, R. Sur une nouvelle espèce de *Kalanchoe*: *Le Kalanchoe stearni* (crassulacées). Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 331-334. Oct. 1941. 410.9 P213
- 15365 HARDY, G. A. *Filago arvensis* in North America. *Rhodora* 47: 258. Aug. 1945. 450 R34
- 15366 HENDERSON, M. R. Materials for a revision of the South African species of *Encephalartos*. J. So. African Bot. 11: 5-64. Jan. 1945. 450 J8262
- 15367 HENNY, R. *Rhododendron auriculatum*. *Rhododendron* Ybk. 1945: 47-49. 97.31 R343
- 15368 HERMANN, F. J. A new *Carex* *C. stenoptila*, from Colorado. Leaflets West. Bot. 4: 194-196. Aug. 1945. 450 L47
- 15369 HOWELL, J. T. *Culbertson paintbrush* *Castilleja culbertsonii*, at Frog Lake. Leaflets West. Bot. 4: 196. Aug. 1945. 450 L47
- 15370 \*JOVET, P. À propos de quelques *Collomia* (polémoniacées) subspontanés. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 590-597. Dec. 1941. 410.9 P213
- 15371 \*JOVET, P. Remarques sur le *Cerastium trigynum* Vill. et ses variétés. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 326-330. Oct. 1941. 410.9 P213
- 15372 \*KAPADIA, G. A. Note on some grasses from Junagadh. Bombay. Nat. Hist. Soc. J. 45: 259-262. Apr. 1945. 513 B63
- Systematic list using arrangement and nomenclature in E. Blatter's Bombay grasses.
- 15373 \*MCCANN, C. New species of *Ceropegia* *C. evansii* and *C. farrokhi*, and the synonymy of the Indian species. Bombay. Nat. Hist. Soc. J. 45: 209-211. Apr. 1945. 513 B63
- 15374 MASON, H. L. The genus *Eriastrum* and the influence of Bentham and Gray upon the problem of generic confusion in *Polemoniaceae*. Madroño 8: 65-91. July 1945. 450 M26
- 15375 \*MATTHOU, T. Les buis de la section *Eubuxus*. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 131-133. 1943, pub. Mar. 1944. 450 An75
- 15376 MONACHINO, J. *Jussiaea uruguayensis* in Staten Island, New York. *Rhodora* 47: 237-239. Aug. 1945. 450 R34
- 15377 MONACHINO, J. A revision of *Ambelania*, inclusive of *Neocouma* (Apocynaceae). Lloydia 8: 109-130. July 1945. 442.8 L77
- 15378 PECK, M. E. Some interesting plants of Malheur County, Oregon. Leaflets West. Bot. 4: 177-186. Aug. 1945. 450 L47
- Includes 4 n. spp.: *Eriogonum*; *Astragalus* 2; *Mentzelia*.
- 15379 PORTER, C. L. Two tioid *astragalus* novelties from the Rocky Mountain region. Madroño 8: 99-102. July 1945. 450 M26
- Aracemosus* var. *treleasei*, n. var.; *A. schmollae*, n. sp.
- 15380 \*FULLE, A. Flora of Suriname (Netherlands Guyana). v. 3, pt. 2. Amsterdam Kolon. Inst., Afde. Handelsmuseum No. 11, Meded. 30, 48 p. Amsterdam, 1942. 503 Am82
- Erythroxylaceae*, by V. Westhoff, p. 1-12; *Oenotheraceae*, *Rhizophoraceae*, *Oxalidaceae* (pars), by F. P. Jonker.
- 15381 SAWYER, H. D. Jungle jaunts--II. State of Morelos, Mexico. Amer. Orchid Soc. B. 14: 96-98. Aug. 1, 1945. 80 Am329
- 15382 SCHULTES, R. E. *Plantae Colombianae*, X. I. - De *Euphorbiaceis* notae diversae. Caldasia 3: 247-254. Apr. 30, 1945. 516 C12
- Saurauia choriophylla* n. sp.
- 15383 SCHWEINFURTH, C. A novelty in Peruvian *Trichocentrum* *T. panduratum*. Amer. Orchid Soc. B. 14: 104-105. Aug. 1, 1945. 80 Am329
- 15384 \*SENAY, P. Qu'est-ce que l'*Erythraea tenuiflora*? Soc. Bot. de France. B. 90: 181-187. Oct./Dec. 1943. 451 F84B
- 15385 SMITH, L. B. *Bromeliaceae* notables de Colombia, III. Caldasia 3: 237-246. Apr. 30, 1945. 516 C12
- New spp.: *Aechmea anomala*, *Greigia exserta*, *Pitcairnia bella*, *P. semaphora*, *Tillandsia excavata*, *T. mima*.
- 15386 STEWART, H. C. E. The *Hakea* at Mount Buffalo. Victorian Nat. 62: 27. June 1945. 410 V66
- 15387 SVENSON, H. K. A leafy form of *Hypericum gentianoides*. Torreya 45: 36-37. June 1945. 450 T63
- 15388 VERDOORN, I. C. A new species of *Encephalartos* *E. eugene-maraisii*, from the Waterberg. J. So. African Bot. 11: 1-3. Jan. 1945. 450 J8262

## Bryophytes

- 15389 \*POTIER DE LA VARDE, R. Récoltes bryologiques de M. H. Humbert en Afrique Équatoriale. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 361-368. July/Sept. 1942. 410.9 P213

## Algae

- 15390 DAWSON, E. Y. Notes on Pacific coast marine algae. III. Madroño 8: 93-97. July 1945. 450 M26
- Includes n. sp. *Callocolax globulosis*.
- 15391 \*FRÉMY, P. Une petite collection d'algues des environs de Grenoble. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 335-338. Oct. 1941. 410.9 P213
- 15392 \*LEVVRING, T. Meeresalgen von den Crozet-Inseln und Kerguelen. Arkiv för Bot., v. 31A, No. 8, 31 p. 1944. Ref. 451 Sv2
- Includes n. g. *Pseudolainga*; n. spp. in: *Chaetomorpha*, *Callymenia*, *Plocamium*, *Curdiea*, *Rhodymenia*, *Delesseria*, *Myriogramme*, *Polysiphonia*.



## Fungi (Including Lichens)

## PATHOLOGY

## General

- 15393 CRANDALL, B. S. A new species of *Cephalosporium* [*C. diospyri*] causing persimmon wilt. *Mycologia* 37: 495-498. July/Aug. 1945. Ref. 450 M99
- 15394 HANMER, C. C. A list of fleshy fungi of Fishers Island, N. Y. *Torreya* 45: 38-40. June 1945. 450 T63
- List of Ascomycetae and Basidiomycetae representative of Fishers Island about forty years ago.
- 15395 HARDISON, J. R. A leaf spot of tall fescue caused by a new species of *Cercospora* *C. festucae*. *Mycologia* 37: 492-494. July/Aug. 1945. 450 M99
- 15396 JENKINS, A. E., and BITANCOURT, A. A. Identidade do hospedeiro de "Elsinoë boshmeriae Bitanc. & Jenkins" (Correct host of "Elsinoë boshmeriae Bitanc. & Jenkins"). *Inst. Biol., São Paulo. Arq.* 15: 343-344. Dec. 1944. 442.9 Sa6
- Vernonia polyanthes*.
- 15397 JENKINS, A. E., and BITANCOURT, A. A. Myriangiales selecti exsiccati. *Soc. Bras. de Agron. B.* 7: 153-166. Sept. 1944. 9.2 Sol3
- 15398 KARLING, J. S. Brazilian chytrids. VI. *Rhopalophlyctis* and *Chytrium* species, two new chitinophilic operculate genera. *Amer. J. Bot.* 32: 362-369. July 1945. 450 Am36
- 15399 \*LEPESME, P. Catalogue des laboulbéniales de la collection François Picard. *Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2)* 13: 481-488. Nov. 1941. 410.9 P213
- 15400 \*LEPESME, P. Deux nouveaux *Rhachomyces* *R. urbaini* and *R. proliferans*, de Roumanie (*Laboulbeniaceae*). *Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2)* 13: 598-600. Dec. 1941. 410.9 P213
- 15401 MHATRE, J. R., and MUNDKUR, B. B. The *Synchytrium* of India. *Lloydia* 8: 131-138. June 1945. 442.8 L77
- Includes 6 n. spp.
- 15402 MORSE, E. E. Some western *Discomycetes*, *Gyromitra esculenta*, *Helvella lacunosa*. *Mycologia* 37: 414-424. July/Aug. 1945. 450 M99
- 15403 \*POUCET, A. *Collybia collina* (Fr. ex Scop.) Quélet, est-elle toxique? *Soc. Linn. de Lyon. B. Mens.* 13: 67-69. May 1944. 505 L992B
- 15404 \*REICHENT, I. Studies on mushrooms and other fungi of the forests of Palestine. III. An edible forest truffle [*Delastriopsis oligosperma*], its taxonomy and geography. *Palestine J. Bot., Rehovot Ser.* 4: 193-204. Sept. 1944. 450 P172
- 15405 \*SANTESSON, R. Contributions to the lichen flora of South America. *Arkiv för Bot.* v. 31A, No. 7, 27 p. 1944. 451 Sv2
- Includes n. g., *Peltularia*; 4 n. spp. in: *Rochella*; *Staurothele*; *Peltigera*; *Acarospora*.
- 15406 SILVEIRA, V. D. Notas fitopatológicas e micológicas IX. *Soc. Bras. de Agron. B.* 7: 183-190. Sept. 1944. 9.2 Sol3
- 15407 SINGER, R. New and interesting species of Basidiomycetes. *Mycologia* 37: 425-439. July/Aug. 1945. 450 M99
- Includes n. spp. in: *Clavaria*; *Lactarius*; *Russula*; *Tricholoma*; *Marasmius*, *Oudemansiella*.
- 15408 SINGER, R. New genera of fungi. II. *Lloydia* 8: 139-144. June 1945. 442.8 L77
- Scytinogon*, *Gloeocantharellus*, *Diacanthodes*, *Rajapoda*, *Podabrella*.
- 15409 SMITH, A. H. *Volvaria bombycina*. *Mycologia* 37: 440-443. July/Aug. 1945. 450 M99
- 15410 THOM, C. Mycology presents penicillin. *Mycologia* 37: 460-475. July/Aug. 1945. 450 M99
- 15411 WHETZEL, H. H., and WOLF, F. A. The cup fungus, *Ciboria carunculoides*, pathogenic on mulberry fruits. *Mycologia* 37: 476-491. July/Aug. 1945. 450 M99
- 15412 ARMSTRONG, N. Emergency treatment for trees injured by ice, wind, and lightning. *Natl. Shade Tree Conf. Proc. (1944)* 20: 32-36. 99.9 N218
- 15413 ATKINS, I. M. Cereal diseases in Texas. *Plant Dis. Rptr.* 29: 530-531, processed. June 15, 1945. 1.9 P69P
- 15414 AZEVEDO, N. DE S. A defesa da produção vegetal. *Observador Econ. e Financ.* 10(110): 65-68. Mar. 1945. 280.8 Ob72
- 15415 BARRATT, R. W. Intraseasonal advance of disease to evaluate fungicides or genetical differences. (Abs.) *Phytopathology* 35: 654. Aug. 1945. 464.8 P56
- 15416 BLAKE, M. A. Forms of weather injury to tree fruits in 1945. *N. Y. State Hort. Soc. Hort. News* 26: 1729-1730. July 1945. 81 N46
- 15417 BLAKE, M. A., and DAVIDSON, O. W. Some reasons why peach leaves may be yellow-green. *N. J. State Hort. Soc. Hort. News* 26: 1740. July 1945. 81 N46
- 15418 \*BRANAS, J. Le double défoncement. *Prog. Agr. et Vitic., Éd. du Midi* 62: 25-27. Feb. 4/11, 1945. 14 P94
- Double plowing as method to combat court-noué of grapes.
- 15419 BRETZ, T. P. Diseases of small grains in Missouri. *Plant Dis. Rptr.* 29: 492-493, 524-525, processed. June 1, 15, 1945. 1.9 P69P
- 15420 BROWN, W. Plant pathology: teaching and research. *Ann. Appl. Biol.* 32: 89-96. May 1945. 442.8 An72
- 15421 CASSELL, R. C. Diseases and injuries of greenhouse-grown vegetable plants in New York. *Plant Dis. Rptr.* 29: 520-522, processed. June 15, 1945. 1.9 P69P
- 15422 CESAR, H. P. Árvores frutíferas. *Rev. Rural Bras.* 25(296): 57. Apr. 1945. 9.2 B733
- Advises growing citrus rootstocks in orchard form and grafting when 12-18 months old, in order to combat the tristeza disease.
- 15423 CESAR, H. P. Entre a cruz e a caldeirinha. *Rev. Rural Bras.* 25(297): 28. May 1945. 9.2 B733
- Sour orange rootstock affected by tristeza but not gummosis, and the "Caipira" orange rootstock just the reverse.
- 15424 \*DATTA, R. L. Studies in the disease of *Mangifera indica* Linn. [necrosis]; a continuous method of administering gas in minute doses. *Indian Chem. Soc. J., Indus. & News Ed.* 7: 153-154. 1944. 385 In27A
- 15425 DISEASES of lettuce. *Agr. Gaz. N. S. Wales* 56: 251-254, 272. June 1, 1945. 23 N472
- 15426 DU PLESSIS, S. J. Disinfection of cereal seed. *Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser.* 124, 2 p. Pretoria, 1945. 24 So82Pa
- 15427 FEDERICO, T. Contra las heladas del viñedo. *Vinos, Viñas y Frutas* 40: 439. June 1945. 9 Ag89
- 15428 FRANCO, C. M. Observações sobre o "quick decline" dos citruses na California. *Biológico* 11: 135-137. May 1945. 442.8 B529
- 15429 GODFREY, G. H. A gummosis of citrus associated with wood necrosis. *Science* 102: 130. Aug. 3, 1945. 470 Sci2
- 15430 H., J. M. Conference on "greening" disease of citrus. *Citrus Grower*, No. 120, p. 3-7. Jan. 31, 1944. 80 C495
- Cause undetermined.
- 15431 HORSFALL, J. G., and BARRATT, R. W. An improved grading system for measuring plant diseases. (Abs.) *Phytopathology* 35: 655. Aug. 1945. 464.8 P56



- 15432 HOUSTON, B. R. Two important flax diseases [Fusarium lini and curly top virus], in California in 1945. Plant Dis. Rptr. 29: 570-571, processed. July 1, 1945. 1.9 P69P
- 15433 HOYMAN, W. G. Cereal diseases observed in southern Arizona during 1945. Plant Dis. Rptr. 29: 531-533, processed. June 15, 1945. 1.9 P69P
- 15434 HOYMAN, W. G. Diseases of potatoes in southern Arizona during 1945. Plant Dis. Rptr. 29: 550-551, processed. July 1, 1945. 1.9 P69P
- 15435 LARSH, H. W. Prevalence and destructiveness of cereal diseases in Arkansas during 1945. Plant Dis. Rptr. 29: 487-491, processed. June 1, 1945. 1.9 P69P
- 15436 LEACH, C. W. Quick healing of tree wounds with lanolin. Mo. State Hort. Soc. Hort. News 5(8): 4. Aug. 1945. 81 M692H
- 15437 M., J. Notwendigkeit und bedeutung der schädlingbekämpfung. Schweiz. Gart., No. 9, p. 271-272. Sept. 20, 1944. 80 Sch93
- 15438 MARTINEZ ZAPATA, M. Lo que cabe hacer en caso de helada. Agricultura [Madrid] 14: 239-240. May 1945. 15 Ag84
- Frost injury to grapes.
- 15439 MAY, C. A research program for shade tree diseases. Natl. Shade Tree Conf. Proc. (1944) 20: 73-84. 99.9 N218
- 15440 MILLER, P. W. A disease control program that really works. Amer. Rose Mag. 6: 217-218. July/Aug. 1945. 80 Am327
- 15441 MILLS, E. M. Moles are a menace. Home Gard. 6(2): 46-48. Aug. 1945. 80 H756
- 15442 MINZ, G. Diaphanoscope for the examination of cultures in Petri dishes. Palestine J. Bot., Rehovot Ser. 4: 207-208. Sept. 1944. 450 P172
- 15443 MIX, A. J. Diseases of lettuce and other vegetables observed in northern New Jersey. Plant Dis. Rptr. 29: 556-557, processed. July 1, 1945. 1.9 P69P
- 15444 MORALES, F. G. Tratamiento para controlar las enfermedades e insectos del tomate. Vida Rural 6(70): 36. May 1945. 9.4 V66
- 15445 ORLANDO, A., and SILBERSCHMIDT, K. O vetor da "clorose infecciosa" das Malvaceas. Bio-lógico 11: 138-139. May 1945. 442.8 B529
- English summary.
- Infectious chlorosis transmitted to Sida rhombifolia by species of Aleyrodidae.
- 15446 PADY, S. M. Diseases observed on cereals in Kansas. Plant Dis. Rptr. 29: 527-530, processed. June 15, 1945. 1.9 P69P
- 15447 PALTÍ, J., and MOELLER, S. Overhead application of fungicidal sprays (preliminary experiments). Palestine J. Bot., Rehovot Ser. 4: 184-192. Sept. 1944. 450 P172
- 15448 PARDO NAVARRO, L. Observaciones sobre el caldo bordelés. Agr. Trop. 1(4): 43-44. May 1945. 26 Ag8
- 15449 PEYER, E. Ein praktischer strohfrostschirm. Schweiz. Z. f. Obst- u. Weinbau 54: 280-281. Aug. 4, 1945. 80 Sch9
- 15450 PRESLEY, J. J. Prevention of [plant] disease best for control. Miss. Farm Res. [Miss. Sta.] 8(7): 1, 7-8. July 1945. 100 M69M1
- 15451 REICHERT, I., PALTÍ, J., and MINZ, G. Field trials for the control of tomato leaf diseases. Palestine J. Bot., Rehovot Ser. 4: 115-141. Sept. 1944. 450 P172
- 15452 REICHERT, I. On the disease resistance of wild emmer. Palestine J. Bot., Rehovot Ser. 4: 177-183. Sept. 1944. 450 P172
- Triticum diococcoides.
- 15453 ROSEN, H. R. An analysis of variety lists for disease resistance and other qualities. Amer. Rose Mag. 6: 223-224. July/Aug. 1945. 80 Am327
- 15454 SCHMIDT, H. W. Die fledermaus im garten. Schweiz. Gart., No. 9, p. 277-278. Sept. 20, 1944. 80 Sch93
- 15455 SIBILLIA, C. Le malattie del crisantemo e della dalia. R. Soc. Toscana d'Ortic. Riv. 65 (spec. No.): 51-52. Oct. 1940. 86 R22
- 15456 SLAGG, C. M. Cereal diseases in Nebraska. Plant Dis. Rptr. 29: 526-527, processed. July 15, 1945. 1.9 P69P
- 15457 SMOYER, K. M. Copper injury to citrus in control of brown rot. Calif. Citrog. 30: 311. Aug. 1945. 80 Cl25
- 15458 SPROSTON, T., JR., and BOYD, O. C. Onion seed treatments. (Abs.) Phytopathology 35: 656-657. Aug. 1945. 464.8 P56
- 15459 SUMMERS, E. M., and ABBOTT, E. V. Disease testing and initial seedling selection work at the Houma Station during 1944. Sugar B. 23: 196. Aug. 14, 1945. 65.9 Am32
- 15460 TERVET, I. W. The microflora of wheat and barley seed grown in Minnesota and the Dakotas in 1944. Plant Dis. Rptr. 29: 474-487, processed. June 1, 1945. 1.9 P69P
- 15461 TIDD, J. S. Conifer windbreak and nursery diseases in Illinois. Plant Dis. Rptr. 29: 499-502, processed. June 1, 1945. 1.9 P69P
- 15462 TIDD, J. S. Pea root rot and other diseases in Indiana. Plant Dis. Rptr. 29: 555-556, processed. July 1, 1945. 1.9 P69P
- 15463 WHETZEL, H. H. History of industrial fellowships in the Department of Plant Pathology at Cornell University. Agr. Hist. 19: 99-104. Apr. 1945. 30.98 Ag8
- 15464 WISER, D. R. Your underground enemy [go-phers]. Calif. Citrog. 30: 319. Aug. 1945. 80 Cl25
- 15465 WOGLUM, R. G. Damage to citrus from copper sprays. Calif. Cult. 92: 438. Aug. 18, 1945. 6 Cl2
- 15466 YOUNG, H. C. Fungicides for the post war period. Natl. Shade Tree Conf. Proc. (1944) 20: 90-96. 99.9 N218
- Discussion, p. 96-97.

#### Diseases Caused by Fungi

- 15467 ALAMO IBARRA, R. "La mancha de hierro" [Omphalia flavida] del café. Café de Nicaragua 1(5): 29-33. Mar. 1945. 68.28 Cl14
- From Venezuela, Ministerio de Salubridad y Agricultura y Crías, Boletín.
- 15468 ANGELL, H. R. Browning [Polyspora lini] of flax and excess soil moisture. Austral. Council Sci. and Indus. Res. J. 18: 150-152. May 1945. 514 Au72J
- 15469 BRETZ, T. W. Epiphytotic of potato late blight in Missouri. Plant Dis. Rptr. 29: 549, processed. July 1, 1945. 1.9 P69P
- 15470 C., S. G. Are our elms threatened by dieback? Ontario Milk Prod. 21: 61. Aug. 1945. 44.8 On8
- 15471 CAMPBELL, W. A., and SLEETH, B. A root rot of guayule caused by Pythium ultimum. Phytopathology 35: 636-639. Aug. 1945. 464.8 P56
- 15472 CARTER, J. C. Anthracnose [Gnomonia veneta] of sycamore and oak in Illinois. Plant Dis. Rptr. 29: 535, processed. June 15, 1945. 1.9 P69P
- 15473 CASSELL, R. C. Pea root rot in New York. Plant Dis. Rptr. 29: 552-555, processed. July 1, 1945. 1.9 P69P
- Primarily caused by Aphanomyces and Fusarium martii var. pisi.
- 15474 CHORIN, M. Leaf and stem spot of Egyptian clover. Palestine J. Bot., Rehovot Ser. 4: 175-178. Sept. 1944. 450 P172
- Ascochyta trifolii on Trifolium alexandrinum.



- 15475 CRANDALL, B. S. Nursery root and collar rot of cinchona and root rot of Canavalia caused by *Sclerotium rolfsii*. Plant Dis. Rptr. 29: 536-537, processed. June 15, 1945. 1.9 P69P
- 15476 CRANDALL, B. S. Three *Phytophthora* [*P. cinnamomi*, *P. palmivora*, *P. cactorum*] diseases observed on avocado, cacao and tomato, in the region of Tingo Maria, Peru. Plant Dis. Rptr. 29: 536, processed. June 15, 1945. 1.9 P69P
- 15477 DAINES, R. H. Controlling soft rot [*Rhizopus*] and surface rot [*Fusarium*] of sweet potatoes in storage. N. J. State Hort. Soc. Hort. News 26: 1732-1734. July 1945. 81 N46
- 15478 DORAN, W. L., and SPROSTON, T., JR. Control of onion smut [*Urocystis cepulae*] by fungicides applied to the soil. (Abs.) Phytopathology 35: 654. Aug. 1945. 464.8 P56
- 15479 \*DOUCHEZ, Y. Sur les galles des racines de pomme de terre provoquées par le *Spongospora subterranea* (Wallr.) T. Johnson. Inst. Pasteur [Paris], Ann. 68: 351-353. Apr./June 1942. 448.3 An75
- 15480 EIRE. DEPT. OF AGRICULTURE. Some fungous diseases of bush fruits. Eire. Dept. Agr. Leaflet 76, 10 p. Dublin, 1944. 10.5 Ir42
- 15481 \*ELAZARI-VOLCANI, Z. Observations on *Sclerotinia sclerotiorum* in Palestine. Palestine J. Bot., Rehovot Ser. 4: 206-207. Sept. 1944. 450 P172
- 15482 ENGLISH, H. Fungi isolated from moldy sweet cherries in the Pacific Northwest. Plant Dis. Rptr. 29: 559-566, processed. July 1, 1945. 1.9 P69P
- 15483 FOISTER, C. E., WILSON, A. R., and BOYD, A. E. W. Potato dry rot [*Fusarium caeruleum*] and gangrene [*Phoma foveata*] as soil-borne diseases. Nature [London], 155: 793-794. June 30, 1945. 472 N21
- 15484 G., F. A. Summer troubles of fruit trees. Pop. Gard. 47: 146. July 7, 1945. 80 G1622
- 15485 \*G., P. La viticulture et la défense contre le mildiou. Rev. des Agr. de France 74: 96. Apr. 1942. 14 R325
- 15486 HANSING, E. D., and MELCHERS, L. E. Further studies on the occurrence and distribution of physiologic races of *Tilletia foetida* in Kansas. Kans. Acad. Sci. Trans. 48: 71-78. June 1945. 500 K13T
- 15487 HOUSTON, B. R., and STANFORD, E. H. Tests on flax varieties and hybrids for resistance to anthracnose. Plant Dis. Rptr. 29: 572-573, processed. July 1, 1945. 1.9 P69P
- 15488 HOWARD, F. L., and ANDERSEN, E. M. Susceptibility of Logan and Florida Belle beans to *Fusarium yellows*. (Abs.) Phytopathology 35: 655. Aug. 1945. 464.8 P56
- 15489 HOYMAN, W. G. *Pythium aphanidermatum* on Arizona flax in the Salt River Valley. Plant Dis. Rptr. 29: 569-570, processed. July 1, 1945. 1.9 P69P
- 15490 JOHANN, H., and DICKSON, A. D. A soluble substance in cornstalks that retards growth of *Diplodia zeae* in culture. J. Agr. Res. 71: 89-110. Aug. 1, 1945. 1 Ag84J
- 15491 KEMP, H. K., and BEARE, J. A. Black spot of apples [*Venturia inaequalis*]. Fruit World & Market Grower 46: 9-13. June 5, 1945. 80 F948
- 15492 \*KHRISTOV, A. Gubi prichinavashchi petnosvaneto na makovitite kutiiki i pleseniasvaneto na tikhnitite semena (Fungi causing spots on the ball and molding the seed of opium poppy). Spis. Zeml. Izp. Inst. B"lgariia 13: 13-19. Jan./June 1943. Ref. 106.3 R32  
English summary.
- 15493 LARGE, E. C. A century of potato plate, blight. Farmer & Stock-Breeder 59: 1128. July 17, 1945. 10 F228
- 15494 \*LARUE, P. Pour économiser le cuivre en viticulture. Rev. des Agr. de France 74: 120-121. May 1942. 14 R325
- 15495 LEUKEL, R. W., and LIVINGSTON, J. E. Smut control in sorghum and effect of dust fungicides and storage on emergence. Phytopathology 35: 645-653. Aug. 1945. 464.8 P56
- 15496 \*LISITSYNA, M. I. Klevernyi rak [*Sclerotinia trifoliorum*], Moskov. Ordena Lenina Sel'skokhoz. Akad. im. K. A. Timirfazeva. Trud. No. 24, 31 p. Moskva, 1944. 106 M852T  
English summary.
- 15497 \*LITTAUER, F. *Sclerotium bataticola* (Taub.) Butler on potatoes in Palestine. Palestine J. Bot., Rehovot Ser. 4: 142-147. Sept. 1944. 450 P172
- 15498 MCKENZIE, M. A. Investigation of the Dutch elm disease in Massachusetts. (Abs.) Phytopathology 35: 656. Aug. 1945. 464.8 P56
- 15499 MARCHIONATTO, J. B. Nota sobre la "Musc-cardina verde" (*Metarrhizium anisopliae* [Metch.] Sor). Rev. Chilena de Hist. Nat. Pura y Aplicada 46/47: 12-14. 1942/1943, pub. 1944. 410 R325
- 15500 MELCHERS, L. E. Late blight of potato epidemic in Kansas. Plant Dis. Rptr. 29: 513, processed. June 15, 1945. 1.9 P69P
- 15501 \*MINZ, G. The occurrence of *Ustilago nigra* on barley in Palestine. Palestine J. Bot., Rehovot Ser. 4: 205-206. Sept. 1944. 450 P172
- 15502 \*MINZ, G., and BEN-MEIR, Y. Pathogenicity of *Diplodia* from various hosts to citrus fruits. Palestine J. Bot., Rehovot Ser. 4: 162-165. Sept. 1944. 450 P172
- 15503 NEATBY, K. W. Cereal smuts, etc. Seed-time and Harvest, No. 125, 1 p. Winnipeg, 1945. 7 Se3
- 15504 \*PALTI, J., and MOELLER, S. Trials for the control of powdery mildew on potatoes. Palestine J. Bot., Rehovot Ser. 4: 148-156. Sept. 1944. 450 P172
- 15505 \*PERLBERGER, J. The occurrence of apple and pear scab in Palestine in relation to weather conditions. Palestine J. Bot., Rehovot Ser. 4: 157-161. Sept. 1944. 450 P172
- 15506 POEHLMAN, J. M. A simple method of inoculating barley with loose smut. Phytopathology 35: 640-644. Aug. 1945. 464.8 P56
- 15507 POWELL, D. The ground spray for [apple] scab control. Ill. State Hort. Soc. News Let. 5. p. 1-2. Aug. 1945. 81 I16N
- 15508 RADER, W. E. *Anasopora acerina* found causing decay of stored carrots in Wayne County, New York. Plant Dis. Rptr. 29: 522, processed. June 15, 1945. 1.9 P69P
- 15509 RAPER, K. B., and ALEXANDER, D. F. Preservation of molds by the lyophil process. Mycologia 37: 499-525. July/Aug. 1945. 450 M99
- 15510 \*REICHERT, I., PALTI, J., and MINZ, G. Field trials for the control of downy and powdery mildew of cucumbers. I. On the efficacy of various copper compounds. Palestine J. Bot., Rehovot Ser. 4: 96-116. Sept. 1944. 450 P172
- 15511 \*REICHERT, I., MINZ, G., and PALTI, J. Trials for the control of covered smut [*Ustilago hordei*] of barley by seed dressings. Palestine J. Bot., Rehovot Ser. 4: 171-174. Sept. 1944. 450 P172
- 15512 \*REICHERT, I., HOCHBERG, N., and PALTI, J. Trials for the control of downy mildew on vines carried out in 1943/44. (In Hebrew.) Hassadeh 25: 334-336. June 1945. 26 H27
- 15513 RICHARDS, M. C., YEAGER, A. F., and JONES, R. C. Changes in the skin of the Blue Hubbard squash during storage and its relation to spoilage of the squash fruits in storage. (Abs.) Phytopathology 35: 656. Aug. 1945. 464.8 P56  
Fungus diseases.



- 15514 RICHARDS, M. C. The control of *Alternaria* blight on N. H. Victor tomatoes by the application of fungicides. (Abs.) *Phytopathology* 35: 656. Aug. 1945. 464.8 P56
- 15515 RIKER, A. J. Oak wilt [*Chalara quercina*]. *Natl. Shade Tree Conf. Proc.* (1944) 20: 98-102. 99.9 N218  
Discussion, p. 102-104.
- 15516 \*S., W. *Juniperus*, birnbaum-gitterrost und dessen bekämpfung. *Schweiz. Gart.*, No. 2, p. 49-50. Feb. 1945. 80 Sch93
- 15517 SAMUEL, G., and GARRETT, S. D. The infected root-hair count for estimating the activity of *Plasmodiophora brassicae* Woron. in the soil. *Ann. Appl. Biol.* 32: 96-101. May 1945. Ref. 442.8 An72
- 15518 SANFORD, G. B. Common scab of potato in dry and wet soils. *Sci. Agr.* 25: 533-536. May 1945. 7 Sci2
- 15519 SCHNEIDER, H., BODINE, E. W., and THOMAS, H. E. *Armillaria* root rot in the Santa Clara Valley of California. *Plant Dis. Rptr.* 29: 495-496, processed. June 1, 1945. 1.9 P69P  
A. mellea on stone fruits.
- 15520 SCHNEIDER, H. Fire blight on pears in northern and central California. *Plant Dis. Rptr.* 29: 566-567, processed. July 1, 1945. 1.9 P69P
- 15521 \*SERENI, D. *Sclerotinia minor* on lettuce and beans. *Palestine J. Bot.* Rehovot Ser. 4: 77-95. Sept. 1944. 450 P172
- 15522 SHOOBRIDGE, E. Diseases of stone fruits; die-back of apricots, brown rot of plums. *Tasmanian Fruitgrower & Farmer* 30: 14. June 20, 1945. 23 T185
- 15523 SOLÍS FIGUEROA, A. El Panama de los plátanos. *B. de Inform. Agr. del Gobierno Prov. de Las Villas* 17(128): 29, 35. Apr./June 1945. 8 Sa53
- 15524 STEVENSON, F. J., and others. Breeding for resistance to late blight in the potato. *Amer. Potato J.* 22: 203-223. July 1945. 75.8 P842  
E. S. Schultz, R. V. Akeley, and L. C. Cash, joint authors.
- 15525 THOMAS, L. A. Apple measles. *Tasmanian Fruitgrower & Farmer* 30: 12-13. June 20, 1945. 23 T185
- 15526 TYNER, L. E. *Fusarium sambucinum* Fkl. 1. 6 Wr. as a pathogen of some species of the Cucurbitaceae. *Sci. Agr.* 25: 537-541. May 1945. Ref. 7 Sci2
- 15527 WALKER, A. G. Rhizomatous grass weeds and *Ophiobolus graminis* Sacc. *Ann. Appl. Biol.* 32: 177-178. May 1945. 442.8 An72
- 15528 WALKER, E. A., and MCINROY, E. W. Tobacco anthracnose, a plant bed and field disease. *Phytopathology* 35: 598-601. Aug. 1945. 464.8 P56  
Organisms from Maryland tobacco anthracnose are being designated as *Colletotrichum* sp. and *Gloeosporium* sp.
- 15529 WHITE, N. H. Fungal soft rot [*Phytophthora megasperma*] of carrots. *Tasmanian J. Agr.* 16: 59-60. May 1, 1945. 23 T182T
- 15530 WHITE, N. H. The relation of *Polyspora lini* Lafferty and *Pullularia pullulans* (de Bary) Berk. to flax browning. *Austral. Council Sci. and Indus. Res. J.* 18: 141-149. May 1945. 514 Au72J
- 15531 ZENTMYER, G. A., and WALLACE, P. F. New research on the Dutch elm disease. *Natl. Shade Tree Conf. Proc.* (1944) 20: 115-119. 99.9 N218  
Discussion, p. 119-122.
- Diseases Caused by Bacteria
- 15532 BRAUN, A. J. Bacterial ringrot in potato table stock to be used for seed in Otsego County, Michigan. *Plant Dis. Rptr.* 29: 514-515, processed. June 15, 1945. 1.9 P69P
- 15533 CARTER, J. C. Wetwood of elm caused by a bacterium closely related to *Erwinia salicis*. *Natl. Shade Tree Conf. Proc.* (1944) 20: 175-176. 99.9 N218  
Discussion, p. 177-180.
- 15534 DRUMMOND-GONÇALVES, R., and AMARAL, J. F. DO. *Murcha bacteriana* [*Phytophthora solanacearum*] da batatinha e de outras Solanáceas. *Biológico* 11: 139-140. May 1945. 442.8 B529
- 15535 ERIKSON, D., and MONTGOMERY, H. B. S. Certain aspects of resistance of plum trees to bacterial canker. Pt. II-III. *Ann. Appl. Biol.* 32: 112-123. May 1945. Ref. 442.8 An72  
Contents: Pt. II. On the nature of the bacterial invasion of *Prunus* sp. by *Pseudomonas mors-prunorum* Wormald, by D. Erikson; Pt. III. The action of cell-free filtrates of *Pseudomonas mors-prunorum* Wormald and related phyto-pathogenic bacteria on plum trees, by D. Erikson and H. B. S. Montgomery.
- 15536 HONEY, E. E. Bacterial ringrot and other diseases in potato seed stocks in Wisconsin. *Plant Dis. Rptr.* 29: 515-520, processed. June 15, 1945. 1.9 P69P
- 15537 NIELSEN, L. W., and TODD, F. A. Preliminary evaluation of some soil disinfectants for controlling southern bacterial wilt [*Pseudomonas solanacearum*] of potatoes. *Amer. Potato J.* 22: 197-202. July 1945. 75.8 P842
- 15538 ORIAN, G. Bud rot of the royal palm in Mauritius caused by *Bacterium vasculorum* (Cobb) Greig Smith. *Rev. Agr. de l'Île Maurice* 24: 85-86. Mar./Apr. 1945. 24 M44
- 15539 PIRONE, P. P. Prevention is part of the cure for fire blight [*Erwinia amylovora*], an important tree and shrub disease that strikes fast and calls for strong measures. *Home Gard.* 6(2): 66-68. Aug. 1945. 80 H756
- 15540 SMITH, C. O., and KLOTZ, L. J. A more virulent black pit organism [*Phytophthora syringae*] on citrus. *Calif. Citrog.* 30: 303. Aug. 1945. 80 G125
- Viruses and Virus Diseases
- 15541 ALTSTATT, G. E. A new corn disease in the Rio Grande Valley. *Plant Dis. Rptr.* 29: 533-534, processed. June 15, 1945. 1.9 P69P  
Possibly a virus disease.
- 15542 BALD, J. G. The effect of rugose mosaic on the yield of potatoes. *Phytopathology* 35: 585-590. Aug. 1945. 464.8 P56
- 15543 BALD, J. G., and NORRIS, D. O. Virus C from an old Australian variety of potato. *Phytopathology* 35: 591-597. Aug. 1945. 464.8 P56
- 15544 BALL, M. Potato stocks 5 years virus free. *Farmer & Stock-Breeder* 59: 1118. July 17, 1945. 10 P228
- 15545 BEAUMONT, A., and STANILAND, L. N. On the spread of crinkle in Royal Sovereign strawberries in south-west England. *Ann. Appl. Biol.* 32: 123-127. May 1945. 442.8 An72
- 15546 BLACK, L. M. A virus tumor disease of plants. *Amer. J. Bot.* 32: 408-415. July 1945. 450 Am36  
Tumors produced by the virus *Aureogenus magnivenus*.
- 15547 CASAS CAMPILLO, C. Importancia de los virus bacterianos (bacteriofagos) en la agricultura. *Mex. Ofic. Fitosanit. Fitófilo* 4: 3-21. Jan./Feb. 1945. 421 F55
- 15548 EIRE. DEPT. OF AGRICULTURE. Leaf roll and mosaic diseases of the potato. *Eire. Dept. Agr. Leaflet* 29, 14 p. Dublin, 1944. 10.5 Ir42
- 15549 HOARD, B. New hospital for little trees. *Better Fruit* 40(2): 7. Aug. 1945. 80 B46  
Virus disease control station to be established near Wenatchee, Wash.



15550 IMPERIAL MYCOLOGICAL INSTITUTE, KEW.  
Virus names used in the Review of Applied Mycology.  
Imp. Mycol. Inst. Mimeog. P. 1, 44 p. Kew, 1944.  
451 Im73

15551 \*KHRISTOV, A. Osvietlavanе na virusitiе i virusnitiе tiela (The coloration of the virus and the virus bodies). Spis. Zeml. Izp. Inst. B'lgariia 11(3): 43-50. July/Sept. 1941. 106.3 R32  
English summary.

15552 KRAMER, M. Estudos sôbre uma grave doença de virus, responsável pelo depercimento de nossas culturas de alface. Biológico 11: 121-134. May 1945. 442.8 B529

English summary.  
Mosaic of lettuce probably caused by Lactuca virus 1 Jagger.

15553 LAWRENCE, W. J. C. Does composting destroy virus? John Innes B. 1, p. 7-8. n. d. 84 J61J

Experiments with tomatoes in pots and in the open ground.

15554 SCHNEIDER, H. Anatomy of buckskin-diseased peach and cherry. Phytopathology 35: 610-635. Aug. 1945. Ref. 464.8 P56

15555 SEVERIN, H. E. P., and HOUSTON, B. R. Curly-top and California-aster-yellows diseases of flax. Phytopathology 35: 602-606. Aug. 1945. 464.8 P56

15556 VAN DER PLANK, J. E., and WASSERMAN, J. W. Mass production of virus-free potatoes. Nature [London], 155: 794-795. June 30, 1945. 472 N21

15557 ZELLER, S. M., and MILBRATH, J. A. Transmission of peach wart to sweet cherry. Phytopathology 35: 607-609. Aug. 1945. 464.8 P56  
Peach wart virus transmitted by budding.

15558 ZUNDEL, G. L. "Brown berry" or mild streak on raspberry in Pennsylvania. Plant Dis. Rptr. 29: 567-568, processed. July 1, 1945. 1.9 P69P

#### Diseases Caused by Nematodes

15559 STANILAND, L. N. The occurrence of Anguillulina dipsaci (Kühn.) on weed hosts, including new host records in fields of oats affected by 'tulip-root.' Ann. Appl. Biol. 32: 171-173. May 1945. 442.8 An72

15560 STOFBERG, F. J., and LE ROUX, J. C. Citrus nematode investigations. Citrus Grower, No. 112, p. 9. May 27, 1943. 80 C495

#### ECOLOGY

15561 BECKETT, E. Plant life of the Churchill district on the west coast of Hudson Bay. Canad. Geog. J. 31: 96-104. Aug. 1945. 470 C162

15562 DUNKLE, M. B. An investigation of the plant ecology of the Channel Islands of California, with special reference to Santa Barbara Island. U. South. Calif. Abs. Diss. 1944: 21-24. 241.8 Un32

15563 GRAHAM, S. A. Ecological classification of cover types. J. Wildlife Mgmt. 9: 182-190. July 1945. 410 J827

15564 HOUGH, A. F. Frost pocket and other microclimates in forests of the northern Allegheny Plateau. Ecology 26: 235-250. July 1945. 410 Ec7

15565 MILLER, E. H., JR. The effect of altitude and slope exposure on environmental conditions and the growth of chaparral species in the San Gabriel Mountains of southern California. U. South. Calif. Abs. Diss. 1944: 25-27. 241.8 Un32

15566 \*POTTIER-ALAPETITE, G. Recherches phytosociologiques et historiques sur la végétation du Jura central et sur les origines de la flore jurassienne. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 136-137. 1943, pub. 1944. 450 An75

15567 RAWITSCHER, J. K. Problemas de fitoecologia com considerações especiais sobre o Brasil meridional. São Paulo. U. Facul. de Fil., Ciên. e Let. Bot., No. 4, p. 9-153. (Cont.) 1944. 451 Sa63  
English summary.

15568 SVENSON, H. K. Ecology of the New York area. (Abs.) Torreya 45: 64. June 1945. 450 T63

#### MORPHOLOGY, ANATOMY, AND CYTOLOGY

15569 \*ANTONOV, A. K. V'rkhу morfologichnотo opisanіe na sortovetiе tv'rди pshenitiі--selektіsionanti na Chirpanskata opitna stantsiа (Morphologische beschreibung einiger hartweizensorten, die in der landwirtschaftlichen versuchsstation in Tschirpan durch selektion gewonnen wurden). Spis. Zeml. Izp. Inst. B'lgariia 11(1): 93-96. 1941. Ref. 106.3 R3E  
German summary.

15570 \*BLARINGHEM, L. Xénie et fascies florales du toarnescl (Helianthus annuus L.). Ann. des Sci. Nat. Bot. (ser. 11) 4: 103-118. 1943, pub. Mar. 1944. 450 An75

15571 BUCHHOLZ, J. T. Embryological aspects of hybrid vigor in pines. Science 102: 135-142. Aug. 10, 1945. 470 Sci2

15572 BURKHOLDER, P. R., and SINNOTT, E. W. Morphogenesis of fungus colonies in submerged shaken cultures. Amer. J. Bot. 32: 424-431. July 1945. Ref. 450 Am36

15573 \*COUDRY, G. Réactions morphologiques après section du rhizome de Ranunculus repens L. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 121-122. 1943, pub. Mar. 1944. 450 An75

15574 \*CRETE, P. Recherches histologiques et physiologiques sur l'embryologie des labiatiflores. Contribution à l'étude des formations haustoriales. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 122-123. 1943, pub. Mar. 1944. 450 An75

15575 \*DECOUX, L., and ERNOULD, L. L'anatomie du pivot de la betterave sucrière. Inst. Belge pour l'Amélior. de la Betterave P. 12: 257-319. July/Aug. 1944. 66.9 In7

15576 DERMEN, H. The mechanism of colchicine-induced cytohistological changes in cranberry. Amer. J. Bot. 32: 387-394. July 1945. 450 Am36

15577 ELLISON, B. R. Flagellar studies on zoospores of some members of the Mycetozoa, Plasmodiophorales, and Chytridiales. Mycologia 37: 444-459. July/Aug. 1945. 450 M99

15578 EMSWELLER, S. L., and JONES, H. A. Further studies on the chiasmata of the Allium cepa x A. fistulosum hybrid and its derivatives. Amer. J. Bot. 32: 370-379. July 1945. Ref. 450 Am36

15579 \*FARDY, A. Étude cytologique et génétique du croisement interspécifique Nicotiana tabacum L. (var. purpurea) x N. sylvestris Speg. et Comes et de sa descendance. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 125-126. 1943, pub. Mar. 1944. 450 An75

15580 \*FARDY, A. Étude de la mitose et dénombrement chromosomique chez Atropa baetica Willk. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 132-136. Feb./May 1940. Ref. 410.9 P213

15581 \*FOURCROY, M. Perturbations anatomiques intéressant le faisceau vasculaire de la racine au voisinage des racelles. Ann. des Sci. Nat. Bot. (ser. 11) 3: 177-198. 1942. Ref. 450 An75

15582 GARCIA ROMERO, A. Defensas de los vegetales. La cera, materias vegetales y vellocidades. Panama. Min. de Agr. y Com. Rev. de Agr. y Com. 4 (46): 10-12. June 1945. 8 R3291

15583 \*GRIEBEL, C. Zur mikroskopie der paprikafrucht. Z. f. Untersuch. der Lebensmtl. 85: 515-517. June 1943. 384 Z39

15584 HANSON, A. M. A morphological, developmental, and cytological study of four saprophytic chytrids. I. Catenomyces persicinus Hanson. Amer. J. Bot. 32: 431-438. July 1945. Ref. 450 Am36



## GENETICS

- 15585 \*HOLUBINSKY, I. M. Meiotic abnormalities in hops induced by atmospheric electricity. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 247-249. Feb. 28, 1945. 511 P444
- 15586 \*JOVET-AST, S. Recherches sur les anona-cées d'Indochine. Anatomie foliaire; répartition géographique. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 128-129. 1943, pub. Mar. 1944. 450 An75
- 15587 \*KOSTOV, D., GORBACHEVA, A., and DIMITROV, P. Izmenenie na golimnata na kletkite pri avto-1 alopoliploidniti tiftitni (Die vergrößerung der zellen in auto- und allopolyploiden tabakpflanzen). Spis. Zeml. Izp. Inst. B'lgariia 13: 3-12. Jan./June 1943. Ref. 106.3 R32  
German summary.
- 15588 \*KOSTOV, D. Poliploidia i rastitelno proizvodstvo (Polyploidie und pflanzliche erzeugung). Spis. Zeml. Izp. Inst. B'lgariia 13: 71-93. Jan./June 1943. Ref. 106.3 R32  
German summary.
- Also German version reprinted from Z. f. Pflanzen-zucht. 25: 284-304. 1943. 450 Z36
- 15589 \*MAHESHWARI, P. The place of angiosperm embryology in research and teaching. Indian Bot. Soc. J. 24: 25-41. Feb. 1945. 450 J821
- 15590 \*MARCUCCI, G. B. La trasformazione delle gemme a frutto in gemme a legno nell'olivo. Olivicultore 17(4): 3-8. Apr. 1940. 80 OL4
- 15591 \*MAZZOLANI, G. Sulla drupa dell'olivo (Olea europaea L.). Olivicultore 19(2): 41-50. Feb. 1942. 80 OL4
- 15592 \*MAZZOLANI, G. I tricoli squamiformi dell'olivo (Olea europaea L.). Olivicultore 18(3): 79-87. Mar. 1941. 80 OL4
- 15593 \*NAGEL, M. Anatomical study of the button of Shamouti oranges in relation to stem-end rot chiefly caused by *Diplodia natalensis*. Palestine J. Bot., Rehovot Ser. 4: 166-170. Sept. 1944. Ref. 450 P172
- 15594 \*OZENIM, P. Recherches sur l'anatomie du pistil dans le genre *Magnolia*. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 135-136. 1943, pub. Mar. 1944. 450 An75
- 15595 \*PANTULU, J. B. Studies in the Caesalpi-niaceae. I. A contribution to the embryology of the genus *Cassia*. Indian Bot. Soc. J. 24: 10-23. Feb. 1945. 450 J821
- 15596 \*RAGHAVAN, T. S., and KRISHNAMURTHY, K. V. Chromosome number of *Sesamum laciniatum*, Klein. Cur. Sci. [Bangalore] 14: 152-153. June 1945. 475 Sci23
- 15597 \*RAIZADA, M. B. Fasciated inflorescence of *Sophora secundiflora* DC. Bombay. Nat. Hist. Soc. J. 45: 258-259. Apr. 1945. 513 B63
- 15598 \*RAO, Y. S. Chromosomes of *Erythrina indica* Lamk. Indian Bot. Soc. J. 24: 42-44. Feb. 1945. 450 J821
- 15599 STERLING, C. Growth and vascular develop-ment in the shoot apex of *Sequoia sempervirens* (Lamb.) Engl. II. Vascular development in relation to phyl-lotaxis. Amer. J. Bot. 32: 380-386. July 1945. Ref. 450 Am36
- 15600 \*SUBRAHMANYAN, R. On the formation of aurospores in *Bacteriastrium*. Cur. Sci. [Bangalore] 14: 154-155. June 1945. 475 Sci23
- 15601 \*SWAMY, B. G. L. The embryo-sac of *Heck-eria subpeltata* Kunth. Indian Bot. Soc. J. 24: 1-3. Feb. 1945. 450 J821
- 15602 WARDLAW, C. W. An experimental treatment of the apical meristem in ferns. Nature [London] 156: 39-41. July 14, 1945. 472 N21  
Experiments with *Dryopteris aristata*.
- 15603 WHEELER, H. M. A contribution to the cytology of the Australian-South Pacific species of *Nicotiana*. Natl. Acad. Sci. Proc. 31: 177-185. July 1945. 500 N21P
- 15604 BEVER, W. M. Hybridization and genetics in *Ustilago hordei* and *U. nigra*. J. Agr. Res. 71: 41-59. July 15, 1945. 1 Ag84J
- 15605 COOPER, D. C., and BRINK, R. A. Seed collapse following matings between diploid and tetra-ploid races of *Lycopersicon pimpinellifolium*. Genetics 30: 376-401. July 1945. 442.8 G28
- 15606 \*DASKALOV, K. Rezultati pri podobrenie na domatitie chrez kr"stovane s divata forma *Sol. race-migerum* (Ergebnisse aus kreuzungen: *Sol[anum] racem-igerum* x *Sarja* und *Plovdiver*). Spis. Zeml. Izp. Inst. B'lgariia 13: 133-142. July/Dec. 1943. 106.3 R32  
German summary.
- 15607 GERSTEL, D. U. Inheritance in *Nicotiana tabacum*. XX. The addition of *Nicotiana glutinosa*, chromosomes to tobacco. J. Hered. 36: 197-206. July 1945. 442.8 Am3
- 15608 \*KELLER, B. Genetika na novoŭ osnove (Ge-netics on new principles). Vsesoŭzn. Akad. Sel'sko-khoz. Nauk im. V. I. Lenina Dok. 9(10): 1-10. 1944. 20 Ak1  
New interpretation of plant heredity.
- 15609 \*KNIAZKOV, P. D. Prouchvane na nŕekoi v"prosi v vr"zka s podobrenieto na fiŕa—*Vicia sativa* L. (Manche fragen im zusammenhang mit der zŕchtung der wicke—*Vicia sativa* L.). Spis. Zeml. Izp. Inst. B'lgariia 12: 147-170. July/Dec. 1942. 106.3 R32  
Germany summary.
- 15610 POWERS, L. Fertilization without reduc-tion in guayule (*Parthenium argentatum* Gray) and a hypothesis as to the evolution of apomixis and poly-ploidy. Genetics 30: 323-346. July 1945. 442.8 G28
- 15611 RICK, C. M. A survey of cytogenetic causes of unfruitfulness in the tomato. Genetics 30: 347-362. July 1945. 442.8 G28
- 15612 ROLLINS, R. C. Interspecific hybridiza-tion in *Parthenium*. I. Crosses between guayule (*P. argentatum*) and mariola (*P. incanum*). Amer. J. Bot. 32: 395-404. July 1945. 450 Am36
- 15613 SCHLEHUBER, A. M. Inheritance of stem characters in certain sorghum varieties and their hy-brids. J. Hered. 36: 219-222. July 1945. 442.8 Am3
- 15614 SENN, F. H. Plant breeding helps farmers. Science of plant improvement gives better crops. Fla. Grower 53(8): 8-9. Aug. 1945. 80 F6622
- 15615 TITKOV, A. Victory over nature—a visit to Nikolai Tsitain. Agr. Com. Amer.-Soviet Friend-ship. Release 18, 2 p., processed. May 15, 1945. 20 Ag89  
Plant breeding.
- 15616 TSITSIN, N. Breeding new sorts of cereal crops in Soviet Union. Agr. Com. Amer.-Soviet Friendship. Release 1, p. 1-6, processed. Dec. 15, 1944. 20 Ag89
- 15617 \*VETSECHAIN, F. VON. Kakvo moget da dadat na selektsifata novitie izsledvanifa v oblas'ta na genetikata (Was ist aus der neueren vererbungs-forschung für die pflanzenzüchtung zu verwerten)? Spis. Zeml. Izp. Inst. B'lgariia 11(3): 3-15. July/Sept. 1941. 106.3 R32
- 15618 WARREN, H. E. Studies on localization of the male determining gene in *Melandrium*. (Abs.) Torrey 45: 57. June 1945. 450 T63

## PHYSIOLOGY

- 15619 ALVARENGA, L. Plantas parasitas, semi-parasitas y epifitas. Café de El Salvador 14: 411-414. Mar. 1944. 68.28 G112  
Loranthaceae.
- 15620 AVERY, G. S., JR. Hormonal aspects of plant life. (Abs.) Torrey 45: 62. June 1945. 450 T63



- 15621 \*BAZAVLUK, V. Vliianie usloviy khraneniia na zazhivlenie rany u verkhushkek klubnei kartofelia (The effect of storage conditions on wound healing in potato tips). Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9(11/12): 30-38. 1944. 20 Ak1
- 15622 \*BAZIN, S. Contribution à l'étude de l'action des substances toxiques de la cellule végétale (*Elodea canadensis*). (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 3: 201-202. 1942. 450 An75
- 15623 \*BERTRAND, D. Recherches sur le vanadium chez les végétaux. Inst. Pasteur [Paris]. Ann. 68: 58-68. Jan. 1942. 448.3 An75
- 15624 \*BERTRAND, D. Le vanadium comme élément oligosynergique pour l'*Aspergillus niger*. Inst. Pasteur [Paris]. Ann. 68: 226-244. Mar. 1942. 448.3 An75
- 15625 \*BIEBER, A. Ueberlistetes wachstum. Schweiz. Gart., No. 12, p. 372-373. Dec. 20, 1944. 80 Sch93
- 15626 BISBY, G. R. Longevity of *Schizophyllum commune*. Nature [London], 155: 732-733. June 16, 1945. 472 N21
- 15627 BLAKE, M. A. Seasonal changes in fruit size of growing peaches. N. J. State Hort. Soc. Hort. News 26: 1742. July 1945. 81 N46
- 15628 BLAKE, M. A. Some effects of a low temperature on the growth of peach trees. N. J. State Hort. Soc. Hort. News 26: 1739. July 1945. 81 N46
- 15629 BLAKE, M. A. Some factors which may cause Delicious apples to drop after forming. N. J. State Hort. Soc. Hort. News 26: 1738, 1740. July 1945. 81 N46
- 15630 \*BOUVRAIN, G. Au sujet de quelques acquisitions nouvelles sur l'ontogénie des dicotylédones. Ann. des. Sci. Nat. Bot. (ser. 11) 3: 1-73. 1942. Ref. 450 An75
- 15631 \*BRESCHKOV, T. Prinos k "m v"prosa za plodovitost' ta na avtotetraploidniti i allotetraploidniti rasteniia (Beitrag zur fruchtbarkeit der autotetraploiden und allotetraploiden pflanzen). Spis. Zeml. Isp. Inst. B"lgariia 12: 91-98. July/Dec. 1942. 106.3 R32  
German summary.
- 15632 \*BUCHY, A. Recherches quantitatives sur la coloration vitale des cellules de levure. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 119-120. 1943, pub. Mar. 1944. 450 An75
- 15633 BURR, H. S. Diurnal potentials in the maple tree. Yale J. Biol. and Med. 17: 727-734. July 1945. 448.8 Y1
- 15634 CHAPMAN, H. D. Mineral nutrition of plants. Ann. Rev. Biochem. 14: 709-732. 1945. 381 An7
- 15635 COSENTINO, J. A. Algunas relaciones de las plantas con la atmósfera. Aberdeen Angus, No. 27, p. 65-67. Winter 1945. 43.8 Ab33
- 15636 CULPEPPER, C. W., and CALDWELL, J. S. The development of different parts of the lima bean pod in relation to tests for stage of development and eating quality of its seeds. Fruit Prod. J. and Amer. Food Mfr. 24: 331-336, 347. (To be cont.) July 1945. 389.8 F94
- 15637 \*CURE, P. Evaporation et transpiration. Action des alternances de sécheresse et d'humidité sur la structure des plantes. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 124-125. 1943, pub. Mar. 1944. 450 An75
- 15638 DEAN, L. A., and RUBINS, E. J. Absorption by plants of phosphorus from a clay-water system: methods and ensuing observations. Soil Sci. 59: 437-448. June 1945. 56.8 So3
- 15639 FAULKNER, R. P. Osmosis and the sap stream. Gard. Chron. 118: 43. July 28, 1945. 80 G162
- 15640 \*FELDMAN, J., and FELDMAN, G. Recherches sur les bonnemaisonnacées et leur alternance de générations. Ann. des Sci. Nat. Bot. (ser. 11) 3: 75-175. 1942. Ref. 450 An75
- 15641 FERRI, M. G. Transpiração de plantas permanentes dos "Cerrados." São Paulo. U. Facul. de Fil., Ciên. e Let. Bot., No. 4, p. 155-224. 1944. 451 Sa63  
English summary.
- 15642 FISHER, E. E. Manna-formation in *Myoporum platycarpum* R. Br. Austral. Council Sci. and Indus. Res. J. 18: 159-164. May 1945. 514 Au72J
- 15643 FLAMMAN, SISTER M. M. The origin and distribution of the endodermis in *Iris versicolor*. Pittsburgh. U. Grad. School. Abs. Theses [etc.], 1944: 120-124. Feb. 10, 1945. 241.8 P68
- 15644 HAAS, A. R. C. Influence of the rootstock on the calcium, magnesium and potassium content in scion leaves of citrus. (Sum.) Calif. Citrog. 30: 304. Aug. 1945. 80 C125
- 15645 HILDEBRANDT, A. C., RIKER, A. J., and DUGGAR, B. M. Growth in vitro of excised tobacco and sun-flower tissue with different temperatures, hydrogen-ion concentrations and amounts of sugar. Amer. J. Bot. 32: 357-361. July 1945. 450 An36
- 15646 HINSDALE, E. Plant nutrition. New Agr. 27(11): 7. Aug. 1945. 66.8 Su32
- 15647 HODSON, A. C. Your money may be on the ground—a study of fruit drops. Minn. Hort. 73: 102-103. Aug. 1945. 81 M66  
Comparison of damage caused by insects and diseases.
- 15648 HOWARD, A. L. Does the moon affect trees? Country Life [London], 97: 1123. June 29, 1945. 80 C83
- 15649 JOHNSON, E. Effect of hormone weed killers on citrus trees. Calif. Citrog. 30: 305. Aug. 1945. 80 C125
- 15650 JONES, R. C. Factors influencing the development of resistant sporangia on *Allomyces arbusculus*. (Abs.) Phytopathology 35: 655. Aug. 1945. 464.8 P56
- 15651 \*KOSTUCHENKO, I., and BELOZEROVA, N. Vskhozhest' semian i produktivnost' rastenii (The germinating power of seeds and its relation to the productivity of plants). Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9(10): 11-23. 1944. 20 Ak1
- 15652 \*KOSTOV, D., and TSIKOV, D. V"rkhu vzaimnoto deistvie na prisadnitie komponenti—koren i st"blo, u tsvekloto (Über die gegenseitige Wirkung der pflanzkomponenten—wurzel und stengel—bei rüben). Spis. Zeml. Isp. Inst. B"lgariia 11(3): 55-57. July/Sept. 1941. 106.3 R32  
German summary.
- 15653 \*KOVERGA, A. Iarovizatsiia turnepa dlia tselei semenovodstva (Jarovization of turnip for seed production). Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9(11/12): 42-48. 1944. 20 Ak1
- 15654 \*KURSAKOV, A. Znachenie oksidativnykh protsessov v zazhivlenii srezov u kartofelia (The role of oxidative processes for the healing of cut potato tubers). Biokhimiia 8: 108-117. 1943. 385 B523  
English summary.
- 15655 \*LABOREY, F. Études expérimentales sur les courbes de poids d'*Aspergillus niger* V. T. G. H. en fonction de la composition du milieu nutritif. Étude particulière du coefficient d'action du magnésium. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 130. 1943, pub. Mar. 1944. 450 An75
- 15656 \*LAL, K. B., and HUSAIN, M. A. Hairiness of cotton leaves and anti-jassid resistance. Cur. Sci. [Bangalore], 14: 153-154. June 1945. 475 Sc123
- 15657 LEBARRON, R. K. Adjustment of black spruce root systems to increasing depth of peat. Ecology 26: 309-311. July 1945. 410 Ec7
- 15658 \*LUNDEGARDH, H. On the exudation of nucleotides and flavanone from living roots. Arkiv för Bot., v. 31A, No. 10, 27 p. 1944. 451 Sv2
- 15659 \*MADUEÑO BOX, M. Las hormonas vegetales sustancias de crecimiento. II. Agricultura [Madrid] 14: 243-246. May 1945. Ref. 15 Ag84



- 15660 \*MAGROU, J. Facteurs biologiques et physico-chimiques de la tubérisation chez la pomme de terre (*Solanum tuberosum* L.). Ann. des Sci. Nat. Bot. (ser. 11) 4: 97-102. 1943, pub. Mar. 1944. 450 An75
- 15661 \*MARCUCCHI, G. B. Il primo contributo sulla differenziazione delle gemme a frutto nell'olivo. Olivicoltura 17(7): 22-23. July 1940. 80 OL4
- 15662 \*MASHTAKOV, S. M. Chemical changes occurring in roots of koksaghyz during summer pause. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 296-298. Mar. 10, 1945. 511 P444
- Summer rest period occurs mostly in the second year of growth.
- 15663 \*MINTZ, G. "Yellow berry" disease of wheat grains. (In Hebrew.) Hassadeh 25: 336-338. June 1945. 26 H27
- 15664 \*MORETTINI, A. L'anticipazione della fioritura del crisanthemide mediante l'oscuramento. R. Soc. Toscana d'ortic. Riv. 65(spec. No.): 24-27. Oct. 1940. 86 R22
- 15665 \*MORETTINI, A. La cascola dei fiori e dei frutti nell'olivo. Olivicoltura 17(5): 8-13. May 1940. 80 OL4
- Preharvest drop.
- 15666 \*MORETTINI, A., and BENEDETTI, A. Ricerche sulla autosterilità ed autofertilità delle varietà di olivo coltivate nella provincia di Roma. Olivicoltura 19(10): 163-169. Oct. 1942. 80 OL4
- 15667 \*MORETTINI, A., and VALLEGGI, M. Ricerche sull'autofertilità e sull'autosterilità nelle varietà di olivi del Pesciatino. Olivicoltura 17(3): 12-17. Mar. 1940. 80 OL4
- 15668 \*MORETTINI, A. Ricerche sull'autosterilità ed autofertilità delle varietà di olivo. Olivicoltura 20(4): 47-49. Apr. 1943. 80 OL4
- 15669 \*MORETTINI, A. Sulla sterilità dell'olivo. Olivicoltura 17(3): 18-19. Mar. 1940. 80 OL4
- 15670 \*NAMBIAR, K. K. A novel method of improving the germination of Prosopis juliflora seeds. Madras Agr. J. 32: 203-206. Aug./Oct. 1944. 22 M262
- 15671 \*NIHOUS, M. Recherches physiologiques sur la maturation, le repos et la germination des graines et semences, des tubercles, des rhizomes et des bulbes. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 133-135. 1943, pub. Mar. 1944. 450 An75
- 15672 \*NOVIKOV, V. A. Stimulation of the resting seeds of *Polygonum bucharicum*. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 204-206. Feb. 20, 1945. 511 P444
- 15673 NUTMAN, P. S. A factor in clover nodule formation associated with the volume of the medium occupied by the roots. Nature [London] 156: 20. July 7, 1945. 472 N21
- 15674 \*ORTENZI, G. F. Sulla sterilità dell'olivo. Olivicoltura 17(2): 7-17. Feb. 1940. 80 OL4
- 15675 PARKER, M. W., and others. Action spectrum for the photoperiodic control of floral initiation in Biloxi soybean. Science 102: 152-155. Aug. 10, 1945. 470 Sci2
- S. B. Hendricks, H. A. Borthwick, and N. J. Scully, joint authors.
- 15676 \*PONNAIYA, B. W. X. A study on the maturity of grain in sorghum. Madras Agr. J. 32: 185-196. Aug./Oct. 1944. 22 M262
- 15677 \*PRAT, H. Remarques sur le gradient de résistance à la chaleur manifesté par les germes de pomme de terre. Soc. de Biol. [Paris] Compt. Rend. 138: 513-514. July 1944. 442.9 P21
- 15678 PRATT, R., ONETO, J. F., and PRATT, J. Studies on *Chlorella vulgaris*. X. Influence on the age of the culture on the accumulation of chlorellin. Amer. J. Bot. 32: 405-408. July 1945. 450 Am36
- 15679 \*PROKOSHEV, S. M. O ranevykh reaktsiyakh klubnei kartofeliya (Wound reactions of potato tubers). Biokhimiya 8: 124-132. 1943. 385 B523
- English summary.
- 15680 RABIDEAU, G. S., and BURR, G. O. The use of the C13 isotope as a tracer for transport studies in plants. Amer. J. Bot. 32: 349-356. July 1945. Ref. 450 Am36
- 15681 \*RICHTER, A. A., SUKHORUKOV, K. T., and OSTAPENKO, L. A. CO<sub>2</sub> assimilation in growing organs. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 299-300. Mar. 10, 1945. 511 P444
- Photosynthesis in *Helianthus annuus*.
- 15682 SAID, H., and SHOUSHAN, A. A. Root-formation on cuttings of plants which normally do not root. Nature [London] 155: 791. June 30, 1945. 472 N21
- Applications of B-indole acetic acid.
- 15683 \*SARUP, S. Growth of the shoot in *Asparagus racemosus* Willd. Cur. Sci. [Bangalore] 14: 150-151. June 1945. 475 Sci23
- 15684 \*SHAIN, S. O vozmozhnosti vyvedeniya novykh sortov zemlianoi grushi vegetativnym sposobom (A vegetative method of producing new varieties of Jerusalem artichokes). Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9(11/12): 39-41. 1944. 20 Ak1
- 15685 \*SHMUK, A. A. Biokhimeskie izmeneniya privykh rastenii i transplantatsiya rastenii, kak metod dlia postanovki i resheniya fiziologicheskikh i biokhimeskikh voprosov (Biochemical changes in grafted plants and plant transplantation as a method to pose and solve physiological and biochemical problems). Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 10(1/2): 3-13. 1945. 20 Ak1
- 15686 SINNOTT, E. W. The relation of growth to size in cucurbit fruits. Amer. J. Bot. 32: 439-446. July 1945. 450 Am36
- 15687 SNOW, D., and WATTS, P. S. The effect of sulphanilamide and other bacteriostatic drugs on the growth of moulds. Ann. Appl. Biol. 32: 102-112. May 1945. Ref. 442.8 An72
- 15688 SOUTHWICK, L. Preharvest drop control. New England Homestead 118(14): 6. July 28, 1945. 6 N442
- Use of hormone sprays and dusts on McIntosh apples.
- 15689 \*TETIUREV, V. O sostoianii pokoiu u semian tykvy (On dormancy in squash (*Cucurbita pepo*)). Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9(11/12): 12-14. 1944. 20 Ak1
- 15690 \*TUSHNIAKOVA, M. O privivkakh alkaloidnykh rastenii (Grafting of alkaloid plants). Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9(10): 24-31. 1944. 20 Ak1
- 15691 WANDER, I. W. The optimum level of nitrogen in apple trees as indicated by leaf analysis. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 116-117, processed. 57.9 N217
- 15692 \*WANNER, H. The zonal graduation of respiratory intensity in the root. Arkiv för Bot., v. 31A, No. 9, 9 p. 1944. 451 Sv2
- 15693 \*WINDT, P. L'hétéro-auxine et la croissance des ébauches de bourgeons et de racines chez le *Calystegia sepium* R. Brown. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 139. 1943, pub. Mar. 1944. 450 An75

## BIOCHEMISTRY

- 15694 \*BELVAL, H., and LEMOYNE, S. Hélianthe et topinambour. Assoc. des Chim. B. 61: 81-87. Mar./Apr. 1944. 383 As7
- English summary.
- Helianthus macrophyllus* and *H. tuberosus*.
- 15695 \*BERTRAND, G. Recherches sur la répartition du bore dans les espèces végétales. Ann. Agron. [Paris] (n. s.) 11: 1-6. Jan./June 1941. 14 An75A
- 15696 \*BERTRAND, G. Recherches sur la teneur en bore des graines. Ann. Agron. [Paris] (n. s.) 12: 189-192. Apr./June 1942. 14 An75A



- 15697 \*BERTRAND, G. Sur la présence actuelle-ment contestée du magnésium dans les grains de pollen. Ann. Agron. [Paris, (n. s.) 10: 339-348. July/Sept. 1940. 14 An75A
- 15698 \*BERTRAND, G., and SILBERSTEIN, L. Sur la répartition du bore dans les organes du tabac des paysans. Ann. Agron. [Paris, (n. s.) 10: 211-214. Apr./June 1940. 14 An75A
- 15699 BRAUNS, F. E. A new polysaccharide from black spruce (*Picea mariana*). Science 102: 155. Aug. 10, 1945. 470 Sci2
- 15700 \*CHAKRAVARTY, K. K. On the alkaloid isolated from the matured bark of *Aegle marmelos*, Correa. Indian Chem. Soc. J. 21: 401-403. Dec. 1944. 385 In27
- 15701 \*CHOLLET, M. M. Les fructosanes chez les campanulacées. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 120-121. 1943, pub. 1944. 450 An75
- 15702 COOK, A. H., and LACEY, M. S. Kojic acid and the antibiotic action of species of *Aspergillus*. Nature [London] 155: 790-791. June 30, 1945. 472 N21
- 15703 COUCH, J. F., and NAGHSKI, J. Isolation of rutin from *Hydrangea paniculata*, var. *grandiflora* Sieb. Amer. Chem. Soc. J. 67: 1419. Aug. 1945. 381 Am33J
- 15704 CULPEPPER, C. W., and MOON, H. H. Differences in the composition of the fruits of *Cucurbita* varieties at different ages in relation to culinary use. J. Agr. Res. 71: 111-136. Aug. 1945. 1 Ag84J
- 15705 DAWSON, R. F. An experimental analysis of alkaloid production in *Nicotiana*: The origin of nicotine. Amer. J. Bot. 32: 416-423. July 1945. 450 Am36
- Alkaloid accumulation patterns in graft combinations of *N. tabacum*, *N. glauca*, *N. glutinosa* and tomato, and *N. tabacum* x *N. glauca*.
- 15706 \*EULER, H. V., and others. Coenzyme, enzyme, wuchsstoffe und reizstoffe in pflanzenorganen. I. Arkiv för Kemi, Min. och Geol., v. 19A, No. 4, 15 p. 1945, pub. Oct. 10, 1944. 385 Sv2
- L. Ahlström, B. Högberg, and I. Pettersson, joint authors.
- Study of pollen in aspen, willow, and birch.
- 15707 \*FRANQUET, R. Composition glucidique des fruits d'*Actinidia chinensis* Flanchon. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 360-361. Oct. 1941. 410.9 P213
- 15708 GUNTHER, F. A., and TURRELL, F. M. The location and state of rotenone in the root of *Derris elliptica*. J. Agr. Res. 71: 61-79. July 15, 1945. 1 Ag84J
- 15709 \*KOSTOV, D., and NIKOLOV, G. Izmieneniia v khimicheskaia s"stav na n"skoi t"t"t"ni valedstvie udovlavane na khromozomit"e (Veränderungen in der chemischen Zusammensetzung mancher tabakpflanzen infolge chromosomen verdoppelung). Spis. Zeml. Izp. Inst. B"lgariia 11(1): 93-96. 1941. Ref. 106.3 R32
- German summary.
- 15710 \*LEMOYNE, S. Membranes celluloseuses à hautes teneur uronique. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 4: 130. 1943, pub. Mar. 1944. 450 An75
- Study of the pith of sunflower.
- 15711 \*MAUME, L. Études biochimiques sur vignes dans les sables du cordon littoral Méditerranéen. Ann. Agron. [Paris, (n. s.) 12: 543-564. Oct./Dec. 1942. 14 An75A
- 15712 \*MILEV, D. P. B"felata maslodaina rosa (*Rosa Damascene oleifera* var. *alba*) kato iztochnik na vitamin C (Die weisse Ölrose (*Rosa damascena oleifera* var. *alba*) als vitamin-C-quelle). Spis. Zeml. Izp. Inst. B"lgariia 13: 101-124. July/Dec. 1943. 106.3 R32
- German summary.
- 15713 MILLER, L. P. Induced formation of glycosides in plants. (Abs.) Torreya 45: 58. June 1945. 450 T63
- 15714 MURRAY, C. W., and WALTER, E. D. Isolation of betaine from guayule. Amer. Chem. Soc. J. 67: 1422. Aug. 1945. 381 Am33J
- 15715 \*NOUËL DE KERANGUE, S. Les pigments chlorophylliens des muscinées. (Note préliminaire.) Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 14: 294-296. Apr./June 1942. 410.9 P213
- 15716 \*FLOUVIER, V. Contribution à l'étude biochimique de quelques rosacées. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11) 3: 204-207. 1942. 450 An75
- 15717 \*POBEGUIN, T. Les oxalates de calcium chez quelques angiospermes. Ann. des Sci. Nat. Bot. (ser. 11) 4: 1-2. 1943, pub. Mar. 1944. 450 An75
- 15718 \*POPOV, P. Vitamin "C" v b"lgarskite piperi v moment na pazarna i p"lna zrieliost' i amplitudata na varirane pri razlichnite formi v predielite na sbornia vid *Capsicum annuum* L. (Vitamin C (ascorbinsäure) bei den bulgarischen paprikasorten im moment der markt- und vollreife und das variieren der amplitude bei den einzelnen formen im rahmen der gemeinsamen art *Capsicum annuum* L.). Spis. Zeml. Isp. Inst. B"lgariia 13: 38-50. Jan./June 1943. Ref. 106.3 R32
- German summary.
- 15719 \*RAI CHAUDHURY, A. K. Phosphorylases from potato tubers. Sci. and Cult. 10: 558-559. June 1945. 475 Sci24
- 15720 ROBINSON, W. O. Green color of plant ash due to manganese, not to cobalt. Science 102: 158. Aug. 10, 1945. 470 Sci2
- 15721 SCHATZ, A., and WAKSMAN, S. A. Strain specificity and production of antibiotic substances. IV. Variation among actinomycetes, with special reference to *Actinomyces griseus*. Natl. Acad. Sci. Proc. 31: 129-137. May 15, 1945. 500 N21P
- 15722 \*SCHMORL, K. Botanische und physikalisch-chemische betrachtungen über die gerstenschele. Z. f. Untersuch. der Lebensmitl. 85: 517-522. June 1943. 384 Z39
- 15723 SEIFRIZ, W. Studies of *Hevea*, *Castilloa*, and *Cryptostegia* latices. I. Surface composition of latex particles electrophoretically determined. India Rubber World 112: 587-589, 593. Aug. 1945. 305.8 In2
- 15724 \*SIDDIQUI, S., MISRA, S. C., and SHARMA, V. N. Chemical examination of *Holarrhena febrifuga* Klotzsch. I. J. Sci. and Indus. Res. 3: 555-558. June 1945. 475 J82
- 15725 SOMERS, G. F., COOLIDGE, M. H., and HAMNER, K. C. The distribution of thiamine and riboflavin in wheat grains. Cereal Chem. 22: 333-340. July 1945. 59.8 G33
- 15726 \*SOSA-BOURDOUIL, C. Remarques sur la teneur en vitamine C de quelques plantes. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 13: 503-507. Nov. 1941. 410.9 P213
- 15727 \*SOSA-BOURDOUIL, C. Sur les substances azotées des ovules et des sacs polliniques de quelques fleurs. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 12: 137-138. Feb./May 1940. 410.9 P213
- 15728 \*STOIANOV, T. P. Opredefeliane na kumarina v selektsionirani sortove pri opiti za obezkumarin-vane na furazhni rasteniia (Das kummarin und seine bestimmung in zuchtsorten bei versuchen zur entbit-terung von futterpflanzen). Spis. Zeml. Izp. Inst. B"lgariia 13: 51-55. Jan./June 1943. 106.3 R32
- German summary.
- 15729 \*THEORELL, H., BERGSTROM, S., and ÅKESON, Å. On the lipoxidase enzymes in soybean. Arkiv för Kemi, Min. Och Geol., v. 19A, No. 6, 9 p. 1945, pub. Oct. 9, 1944. 385 Sv2
- 15730 WAKSMAN, S. A., and others. Strain specificity and production of antibiotic substances. V-VI. Natl. Acad. Sci. Proc. 31: 157-164, 208-214. June 15, July 15, 1945. 500 N21P
- V. Strain resistance of bacteria to antibiotic substances, especially to streptomycin, by S. A. Waks-



man, H. C. Reilly, and A. Schatz. VI. Strain variation and production of streptothricin by *Actinomyces lavendulae*, by S. A. Wakeman and A. Schatz.

15731 WATKINS, W. E., and KNOX, J. H. The monthly protein and phosphorus contents of two important range grasses of southern New Mexico. *Amer. Soc. Anim. Prod. J. Anim. Sci.* 4: 297-305. Aug. 1945. 49 J82

*Bouteloua eriopoda* and *Sporobolus flexuosus*.

15732 WEIZMANN, C., and HELLINGER, E. Studies on certain butyric acid producing organisms [*Clostridium* spp.] isolated from hemp and similar vegetable fibres. *Palestine J. Bot., Rehovot Ser.* 4: 51-76. Sept. 1944. 450 P172

15733 WINOGRADSKY, H. Contribution à l'étude de la libération chronique de l'ammoniac par les nodules radiculaire des légumineuses. *Inst. Pasteur, Paris, Ann.* 68: 253-254. Mar. 1942. 448.3 An75

15734 WOOD, J. G. Nitrogenous constituents of plants. *Ann. Rev. Biochem.* 14: 665-684. 1945. 381 An7

#### SILVICULTURE

15735 BORCHERS. Erfahrungen über die begründung von mischbeständen im lande Braunschweig. *Allg. Forst u. Jagd Ztg.* 116: 85-94. Apr. 1940. 99.8 AL3

15736 CHAPMAN, H. H. The effect of overhead shade on the survival of loblolly pine seedlings. *Ecology* 26: 274-282. July 1945. 410 Ec7

15737 CONTRERAS BARBAS, L. Plantaciones de pinos insignis. *Unión Agr. del Sur* 3(17): 27-28. May 1945. 9.3 Un3

15738 GAUNE, A. Reconstrucción en los bosques. *Suelo Argentino* 4: 458-459, 471. July 1945. 9 Su2

Reforestation in Great Britain.

15739 HARRINGTON, C. L. Objectives of the State forest nursery program. *Wis. Conserv. B.* 10(7/8): 18-20. July/Aug. 1945. 279.8 W752

15740 KÜNZL, Z. Zur rechten behandlung der rotbuchenhochwäldungen. *Allg. Forst u. Jagd Ztg.* 116: 246-252. Oct. 1940. 99.8 AL3

15741 LETELLIER, E. Algunas observaciones e ensayos en plantaciones de pinos efectuados en la Estación Genética de Cauquenes [Chile]. *Unión Agr. del Sur* 3(17): 33-34. May 1945. 9.3 Un3

15742 McNAB, J. Practical experiences of a Scottish forester. *Field* 185: 622. June 23, 1945. 10 F45

Deals chiefly with reforestation.

15743 MINUCCI DEL ROSSO, S. Aspetto culturale dei boschi misti nelle foreste demaniali di Idria. *Riv. Forest. Ital.* 3(6): 31-42. June 1941. 99.8 R522

15744 MIROV, N. T., and CUMMING, W. C. Propagation of cork oak by grafting. *J. Forestry* 43: 589-591. Aug. 1945. 99.8 F768

15745 PAVARI, A. Sulle relazioni tra la chioma degli alberi e l'accrescimento legnoso. *Riv. Forest. Ital.* 3(6): 5-13. June 1941. Ref. 99.8 R522

15746 RAMÍREZ A., R. Plantaciones forestales en la Provincia de Concepción [Chile]. *Unión Agr. del Sur* 3(17): 11. May 1945. 9.3 Un3

15747 TRUE, R. P., and DORMAN, K. W. Effects of chemical stimulation on the health and vigor of treated pines (part II). *Naval Stores Rev.* 55(21): 8, 10, 12, 16; (22): 10, 12. Aug. 25-Sept 1, 1945. 99.81 N22

15748 ZENTGRAF, E. Kiefernaturverjüngung im hessischen forstamt Isenburg. *Allg. Forst u. Jagd Ztg.* 116: 57-71, 102-109. Mar., Apr. 1940. 99.8 AL3

15749 ZIMMER, O. Die krone der Eberstädter kiefer. Ein beitrag zur beurteilung von kiefernkronen. *Allg. Forst u. Jagd Ztg.* 116: 43-50. Feb. 1940. 99.8 AL3

Study of the crown as indication of the general condition of the tree.

#### FIELD CROPS

Includes articles on general agronomy and on crop varieties, breeding, cultural practices, and yield.

##### General

15750 \*AYYANGAR, G. N. R., and AYYAR, M. A. S. Mixed cropping--a review. *Madras Agr. J.* 30: 3-14. Jan. 1942. Ref. 22 M262

15751 \*CRÉPIN, C. Rapport sommaire sur les travaux poursuivis en 1941 par les stations d'amélioration des plantes. *Ann. Agron. [Paris] (n. s.)* 12: 633-669. Oct./Dec. 1942. 14 An75A

Chiefly selection and breeding of field crops.

15752 \*DOBERT. Welche früchte bauen wir zweckmässig nach raps an? *Mitt. f. die Landw.* 59: 590-591. July 1, 1944. 18 D48M

15753 EKSTEEN, L. L. Effect of teff and cowpeas on the following maize crop. *Farming in So. Africa* 20: 377-380, 383. June 1945. Ref. 24 So842

15754 GROSS, D. L., LAWRIE, M. N., and JANIKE, E. W. Better practices--greater production [of grain and forage crops]. *East. Milk Prod.* 21(13): 5, 10. July 1, 1945. 280.28 Sh3

15755 NIXON, W. M. Let vetch follow corn in the rotation. *Prog. Farmer, Tex. Ed.* 60(9): 14, 50. Sept. 1945. 6 T311

15756 PIERRE, W. H., and BROWNING, G. M. Let's examine crop rotations; they make big differences in the crop yields. *Farm Sci. Rptr.* 6(3): 3-6. July 1945. 275.28 F22

15757 \*RAO, K. V. S. Improved agricultural practices introduced in Hindupur Taluk. *Madras Agr. J.* 31: 81-82. Mar. 1943. 22 M262

15758 \*SANKARAM, A. Crop production in Kovvur Taluk (W. Godavari). *Madras Agr. J.* 30: 375-378. Nov. 1942. 22 M262

15759 \*TOZZI, R. La coltura erbacea nella zona di Bacà. *Agr. Colon.* 37: 155-159. June 1943. 26 Ag82

##### Cereals

15760 ALAZRAQUI, J. M. Desinfección de la semilla; una práctica importante en la siembra de nuestros granos. *Campo [Buenos Aires]* 29(342): 23. Apr. 1945. 9 C15

15761 ALVAREZ, J. C. El cultivo de la cebada cervecera. *Suelo Argentino* 4: 464. July 1945. 9 Su2

15762 ASTORGA BARRIGA, E. Mejoramiento del trigo canadiense. *Paraguay. Min. de Agr. Rev.*, No. 8, p. 8-10. Apr. 1945. 9.7 Ag8Re

15763 BRAGADIN, E. A. Características agrícolas de las variedades de arroz cultivadas en la República Argentina. *Campo [Buenos Aires]* 29(342): 24-25, 57. Apr. 1945. 9 C15

15764 \*BRÉTIGNIÈRE, L. Les blés à semer. *Rev. des Agr. de France* 73: 255-257; 74: 179-180. Sept. 1941, Oct. 1942. 14 R325

15765 \*BRÉTIGNIÈRE, L. Variétés d'avoines. *Rev. des Agr. de France* 74: 43-45. Feb. 1942. 14 R325

15766 \*CHANG, W. H., and LI, F. Report on the research of wheat of various kinds. *Hsin Nung Lin (Mod. Agr. and Forestry)* 3(1): 9-27. Sept. 1944. 22.5 H85

In Chinese.

15767 \*CRÉPIN, C. Le blé au cours de la campagne 1941-1942. *Rev. des Agr. de France* 75: 117-119. Aug. 1943. 14 R325

15768 DEPETRIS, V. R. New plants--new wealth. *Mich. Hort. Soc. Hort. News* 11: 94. Aug. 1945. 80 H7815

Effect on wheat of plant introduction and breeding.

15769 EIRE. DEPT. OF AGRICULTURE. The growing of oats. *Eire. Dept. Agr. Leaflet* 40, 8 p. Dublin, 1944. 10.5 Ir42

15770 EIRE. DEPT. OF AGRICULTURE. Wheat growing. *Eire. Dept. Agr. Leaflet* 61, 8 p. Dublin, 1944. 10.5 Ir42



- 15771 FROLIK, E. F. Next year's wheat; soil, seed, and tillage govern yields. *Nebr. Farmer* 87 (15): 5. Aug. 4, 1945. 6 M27
- 15772 GARRISON, C. S., and SNELL, R. S. You can't go wrong with Wong [barley]. *N. J. Farm and Gard.* 16(8): 14-15. Aug. 1945. 6 G162
- 15773 GIGENA, F. Resultados de la técnica agrícola experimental en el cultivo de arroz. *Uruguay. U. Facul. de Agron. Rev.*, No. 38, p. 125-194. Nov. 1944. 102.5 M76R
- 15774 HARRINGTON, J. B. A new importance in straw strength of grains. *Saskatchewan Farmer* 36 (15): 6. Aug. 1, 1945. 7 Sa74
- Tests of straw strength in relation to harvesting.
- 15775 HIGGINS, F. H. California rice as county advisors see it. *Rice J.* 48(8): 12-13, 16-17. Aug. 1945. 59.8 R36
- 15776 HURST, F. J. B. L. Moss, cotton farmer, makes good use of oats. *Prog. Farmer, Miss.-Ark.-La. Ed.* 60(8): 8. Aug. 1945. 6 So81
- 15777 \*FARMIZIN, D. Posev ozimyk po sterne v Kustanaiskoj oblasti (Sowing winter cereals in stubble in the Kustanai region). *Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok.* 9(11/12): 26-29. 1944. 20 Akl
- 15778 \*IYENGAR, C. R. S. Rice culture in the Madras Presidency; its varieties in relation to its varied seasons. *Madras Agr. J.* 32: 229-244. Nov./Dec. 1944. 22 M262
- 15779 \*IYER, T. V. A. A short note on dry-land paddy in Udayarpalayam. *Madras Agr. J.* 29: 359-360. Sept. 1941. 22 M262
- 15780 JONES, J. W. Cooperative rice investigations. *Rice J.* 48(7): 6, 8, 10, 26. July 1945. 59.8 R36
- U. S. Department of Agriculture and Agricultural Experiment Stations in Arkansas, California, Louisiana, Missouri, and Texas cooperating.
- 15781 \*KIRIAKOV, K. P. Izbor "t na sorta v vr"zka s klimatichniti usloviia (Die Auswahl der sorte in abhängigkeit von den klimatischen bedingungen). *Spis. Zeml. Isp. Inst. B"lgariia* 13: 143-153. July/Dec. 1943. 106.3 R32
- German summary.
- Sampling tests with wheat.
- 15782 MCNEELY, M. Texas Experiment Station covers wide range. *Rice J.* 48(8): 3-4. Aug. 1945. 59.8 R36
- Experiments on rice at the Texas Agricultural Experiment Station at Beaumont.
- 15783 \*MAUPAS, A. La culture du maïs-grain en Allemagne et ses enseignements. *Rev. des Agr. de France* 76: 90-91. June/July 1944. 14 R325
- 15784 \*MAZZONI, G. Prima impostazione del problema dei frumenti nelle terre alte dell'Africa Orientale Italiana. *Agr. Colon.* 35: 136-143. Apr. 1941. 26 Ag82
- 15785 MIRANDA, H. S. Culturas accessorias na fazenda de café. III. Arroz, alimento básico tropical. *São Paulo. Supt. dos Serv. do Café. B.* 20: 268-274. Mar. 1945. 68.29 Sa63
- 15786 \*NAIDU, A. G. A note on concentrated seed beds and double transplanting of paddy in the Nellore District. *Madras Agr. J.* 29: 400-402. Oct. 1941. 22 M262
- 15787 \*NAIDU, R. V., and NARASIMHAMURTY, B. L. A note on the cultivation of ragi [millet] in the Vizagapatam District. *Madras Agr. J.* 33: 3-7. Jan./Feb. 1945. 22 M263
- 15788 OBREGON, G. Al sembrar trigo, siembre semillas puras. *Agr. Trop.* 1(3): 20-21. Apr. 1945. 26 Ag8
- 15789 PAINE, K. E. What we mean by better corn. *East. States Coop.* 21(7): 12-13. July 1945. 280.28 Ea7
- 15790 ROGERS, T. H. More oats and wheat. *This Month in Rural Ala.*, Aug. 1945, p. 5. 6 T34
- 15791 ROSEN, E. R. Traveler—a new, winter hardy oat. *Grain & Feed J. Consolidated* 95: 111. Aug. 8, 1945. 298.8 G762
- 15792 \*SANKARAM, A. A note on the cultivation of maize for cobs. *Madras Agr. J.* 31: 226-228. Aug. 1943. 22 M262
- 15793 SERVISS, G. H. New grain varieties on the way. *Amer. Agr.* 142: 337. Aug. 18, 1945. 6 Am3
- 15794 SERVISS, G. H., and BUSSELL, F. P. Winter wheat, barley and rye. *Your Farm* 3(10): 1-4. Aug. 1945. 6 Y8
- 15795 SHAVER, J. H. New horizons for hybrid corn [in the Northwest]. *Grain & Feed Rev.* 34(12): 12, 48-49. Aug. 1945. 280.28 C78
- 15796 SHELLENBERGER, J. A. Wheat growing down south; a comparison of Argentine and Kansas production. *Kans. Farmer* 82(16): 5. Aug. 18, 1945. 6 K13
- 15797 SMITH, B. Wheat harvest down under; Australia has evolved new strains of wheat and new machinery with which to garner it. *Family Herald and Weekly Star* 76(31): 7. Aug. 1, 1945. 7 F21
- 15798 \*SOMAYAJULU, P. The cultivation of dry paddy in the Salur Taluk, Vizagapatam District. *Madras Agr. J.* 30: 79-81. Mar. 1942. 22 M262
- 15799 SOTO, E. R. Una nueva variedad de trigo: el "Bahense F. C. Sud." *Chacra* 15(177): 35. July 1945. 9 C34
- 15800 STOA, T. E. A brief history of wheat variety changes on farms in North Dakota. *N. Dak. Agr. Expt. Sta. Bimo. B.* 7(6): 21-26. July/Aug. 1945. 100 N813B
- 15801 TILT, J. The effect on yield of variations in the rate of seeding of oats. *Tasmanian J. Agr.* 16: 57-58. May 1, 1945. 23 T182T
- 15802 VIEGAS, G. P. Culturas acessórias na fazenda de café. II. O milho. *São Paulo. Supt. dos Serv. do Café. B.* 20: 148-156. Feb. 1945. 68.29 Sa63
- 15803 VIGIL, C. C. El cultivo del maíz. *Chacra* 15(177): 8. July 1945. 9 C34
- 15804 VIGIL, C. C. El trigo de España. *Chacra* 15(175): 86. May 1945. 9 C34
- Historical notes on corn, called Spanish wheat.
- 15805 \*YANG, C. F., and LIU, M. C. Report on wheat breeding of past two years. *Hsin Nung Lin (Mod. Agr. and Forestry)* 3(1): 1-2. Sept. 1944. 22.5 HB5
- In Chinese.

#### Fiber Crops

- 15806 EMPIRE COTTON GROWING CORPORATION. Progress reports from experiment stations, season 1943-1944; programmes of experiments, season 1944-1945. 176 p. London, 1945. 72.9 G79Rs
- 15807 GADEA P., H. El cultivo del lino en la sierra. *Vida Agr.* 22: 349, 351, 353-354. Apr. 1945. 9.8 V66
- Reprint of privately published paper.
- 15808 HANSEN, H. V. Flax production in southern Tasmania. *Tasmanian J. Agr.* 16: 43-45. May 1, 1945. 23 T182T
- 15809 O'KELLY, J. F. Ramie; possible new State crop for bast fiber. *Miss. Farm Res. [Miss. Sta.]* 8(7): 8. July 1945. 100 M69M1

#### Forage Crops and Grasses

- 15810 ANTONIN, R. How to keep an alfalfa stand. *Successful Farming* 43(9): 35. Sept. 1945. 6 Su12
- 15811 ARAMBARRI, D. La producción de semilla de alfalfa. *Res* 13: 17595-17597. June 20, 1945. 286.85 R31
- 15812 ARBOUR, M. B. Three acres—two cows, but it must be improved pasture. *Prog. Farmer, Miss.-Ark.-La. Ed.* 60(8): 15. Aug. 1945. 6 So81
- 15813 BARTELS, L. C. Maffra lucerne and irrigated pasture competitions, 1944-45. *Victoria. Dept. Agr. J.* 43: 241-244, 246. June 1945. 23 V66J
- 15814 BATHE, D. R. They'll have to decide soon. *Farmers Weekly [London]* 23(3): 29, 31. July 20, 1945. 10 F2226
- Management of weedy pastures by dairy farmers.



- 15815 BATHÉ, D. R. Vote of confidence [in ley farming] seconded with an amendment. *Farmers Weekly* [London] 23(5): 28. Aug. 3, 1945. 10 F2226
- 15816 BATS, E. R. Return of the tall grass. *Westerner* 8(7): 16-18. Aug. 1945. 49 W522
- Crested wheatgrass for pasture and erosion prevention in Colorado.
- 15817 BITTERA VON HIDEGHÉT, V. N. Die grünländwirtschaft. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 60-64. 1942. 18 G31A
- 15818 BLAIR, E. C. How to succeed with pastures. *Prog. Farmer, Car.-Va. Ed.* 60(9): 13. Sept. 1945. 6 P945
- 15819 BOHÓRQUEZ, R. El pasto de Sudán. *Agri-cultura* [Madrid] 14: 223-226. May 1945. 15 Ag84
- 15820 BRACKEN, L. O. Their winter feed is winter grown. *Prog. Farmer, Ga.-Ala.-Fla. Ed.* 60(7): 12. July 1945. 6 P945g
- Winter grazing of livestock in Shelby Co., Ala.
- 15821 BUIE, T. S. Blue lupine scores again. *South. Seedsman* 8(8): 13, 31-32. Aug. 1945. 61.8 So8
- 15822 CAICEDO, L. A. Pastos para ganadería de tierra caliente. *Vida Rural* 6(70): 10. May 1945. 9.4 V66
- 15823 CARSON, W. D. Vote of confidence [in ley farming]. *Farmers Weekly* [London] 23(3): 31. July 20, 1945. 10 F2226
- 15824 CHAFFIN, W. D. Love grass clicks in Oklahoma. *Farmer-Stockman* 58: 269. Aug. 1945. 6 Ok45
- 15825 COSTELLO, D. F. Know your range grasses and plants; common dandelion (*Taraxacum officinale*). *Westerner* 8(7): 24, 26-27. Aug. 1945. 49 W522
- 15826 DANNEMANN, R. Der anbau von markstammkohl als nachfrucht. *Mitt. f. die Landw.* 59: 591-592. July 1, 1944. 18 D48M
- Field cabbage as forage plant in crop rotation.
- 15827 DUTCHER, R. This is the year for winter pasture. *Farmer-Stockman* 58: 280. Aug. 1945. 6 Ok45
- 15828 ELLIOTT, J. A. Alfalfa's tops on bossy's menu; suggestions from Tennessee on getting started with this crop. *Kraftsman, Prod. Ed.* 3(4): 6, 18. July/Aug. 1945. 44.8 K85
- 15829 ESTRADA, M. Cebada forrajera. *Rev. Mens. B. A. P.* 38(330): 57, 59-62. May 1945. 9 R326
- 15830 FERGUS, E. N. Pastures for the upper South. *South. Agr.* 75(8): 12. Aug. 1945. 6 So83
- 15831 GOENAGA, J. I. Pasto romano (*Phalaris minor*). *Suelo Argentino* 4: 456. July 1945. 9 Su2
- 15832 GONZALEZ, A. DE J. Gramineas forrajeras: maíz y millo. *Vinos, Viñas y Frutas* 40: 427-428. June 1945. 9 Ag89
- 15833 HALLE, J. Die futtergrundlage im östlichen betrieb. *Mitt. f. die Landw.* 59: 587-590. July 1, 1944. 18 D48M
- Forage plants in Germany.
- 15834 HOLMES, G. A. New methods for hill country [pastures]. *Scot. Farmer* 53: 810. July 21, 1945. 10 Sco8
- 15835 HUTCHESON, T. B. For pasture success in Virginia. *Prog. Farmer, Car.-Va. Ed.* 60(9): 14, 57. Sept. 1945. 6 P945
- 15836 IYER, M. A. B. Maintenance of purity of cumbu [pearl millet; strains under large scale seed multiplications. *Madras Agr. J.* 30: 343-345. Oct. 1942. 22 M262
- 15837 KENNEY, R. Winter grazing [of small grains] is universal in Kentucky. *Kraftsman, Prod. Ed.* 3(4): 5. July/Aug. 1945. 44.8 K85
- 15838 KERR, L. J. Pasture--it's your best paying crop. *South. Stockman* 5(8): 22, 71. Aug. 1945. 49 So83
- 15839 LIMBERT, L. Development of pastures on broombush country. *So. Austral. Dept. Agr. J.* 48: 435-436. May 1945. 23 So84
- 15840 MCCAMUS, R. Green pastures every day win championship. *Kraftsman, Prod. Ed.* 3(3): 8. May/June 1945. 44.8 K85
- 15841 MCSHANE, R. W. Indiana farmers study Purdue pasture trials. *Kraftsman, Prod. Ed.* 3(4): 16. July/Aug. 1945. 44.8 K85
- 15842 MAZA, D. C. DE LA. Cultivo de la alfalfa en Magallanes. *Unión Agr. del Sur* 3(17): 30-31. May 1945. 9.3 Un3
- 15843 MOTLEY, W. A. Luscious alfalfa, greens in drought. *Poultry Farmer* [London] 113(2924): 3. July 6, 1945. 47.8 F312
- 15844 ORCHARD, M. Grass "laboratories" off to a good start; pasture experiments are conducted by Future Farmers in Navasota School. *East Tex.* 19(11): 6. Aug. 1945. 6 Ea73
- 15845 PASTURE value may be increased by new grass combinations. *Mo. Ruralist* 86(14): 1, 12-13. July 28, 1945. 6 R8891
- 15846 RAYMOND, L. C. Planning for better pastures in eastern Canada. *Farmer's Advocate and Home Mag.* 80: 613-614. Aug. 23, 1945. 7 F22
- 15847 REISS, A. Fodder farming in June (seasonal instructions). (In Hebrew.) *Hassadeh* 25: 305-306. June 1945. 26 H27
- 15848 RICHARDSON, T. C. An immigrant [sorghum] makes good. *Farmer-Stockman* 58: 253, 270. (To be cont.) Aug. 1945. 6 Ok45
- 15849 RICKARD, J. A. Rhodes grass. *Your Farm* 3(11): 54-58. Sept. 1945. 6 Y8
- 15850 ROGERS, T. H., and SHULTZ, E. F., JR. Early planting best legume insurance. *This Month in Rural Ala., Aug. 1945, p. 5.* 6 T34
- 15851 ROUMIGUIERE, F. Métodos más prácticos para el cultivo de la alfalfa. *Hereford* 11: 194-196. May/June 1945. 43.8 H42
- 15852 SANDBERG, E. H. Grass conservation will help to save the ranges which make Montana cattle good. *Mont. Farmer* 32(23): 1, 17. Aug. 1, 1945. 6 M764
- Effect of grazing on vegetation.
- 15853 SARVIS, J. T. Try some crested wheat grass this fall. *Dakota Farmer* 65(16): 1, 6. Aug. 18, 1945. 6 D14
- 15854 SEVERSON, H. Bur clover comes into its own. *Seed World* 58(3): 18, 20. Aug. 3, 1945. 61.8 Se52
- 15855 SHULTZ, E. F., JR. Best legumes to grow in Alabama. *This Month in Rural Ala., Aug. 1945, p. 4.* 6 T34
- 15856 SOBRERO, L. R. La provisión de pasto para los animales de trabajo; un sistema económico para destruir el sorgo de Alepo. *Pampa Argentina* 19(214): 14. June 1945. 9 P19
- 15857 SYKES, G. Better poultry farming depends on grass; new light on grass mixtures. *Poultry Farmer* [London] 113(2928): 3; (2929): 3. Aug. 3, 1945. 47.8 F312
- 15858 TOMMASI, G. La colture superintensive. *Ital. Agr.* 68: 161-164. Mar. 1941. 16 It1
- Directions for intensive culture of forage crops.
- 15859 VANDERFORD, C. S. Kudzu and cash. *Prog. Farmer, Miss.-Ark.-La. Ed.* 60(8): 15. Aug. 1945. 6 So81
- 15860 WILSIE, C. P. Better alfalfa coming; varieties which are resistant to wilt show much promise. *Farm Sci. Rptr.* 6(3): 14-16. July 1945. 275.28 F22
- 15861 YOUNG, V. A. More bur clover for better annual ranges. *West. Livestock J.* 23(49): 22-23. Aug. 1945. 6 F2278

#### Oil Crops

- 15862 CHOUARD, P. Un plan d'action sur le problème du soja en France pour 1941. *Rev. des Agr. de France* 73: 14-18. Jan. 1941. 14 B325
- 15863 KAZASKI, KH. Prouchvane v'rkhui biodynamikata na soiata (Beitrag zur erforschung der biodynamik der sojabohne). *Spis. Zeml. Izp. Inst. B'l-garija* 11(3): 17-42. July/Sept. 1941. 106.3 R32



- 15864 MORÓN, M. Un factor fundamental para aumentar el rendimiento en aceite en el cultivo del girasol. Campo [Buenos Aires] 29(342): 43. Apr. 1945. 9 C15
- 15865 MUELLO, A. C. Cultivo del maní en la República Argentina. Pampa Argentina 19(214): 6-7. June 1945. 9 P19
- 15866 OSORIO, L. H. El cultivo del maní. Vida Rural 6(71): 12. June 1945. 9.4 V66
- 15867 OSORIO, L. H. Soya (Soya hispida, Glicine hispida, Glicine soya). Vida Rural 6(71): 14-15. June 1945. 9.4 V66
- 15868 QUIROS, M. A. El girasol; importancia de su cultivo en Costa Rica. Costa Rica. Dept. Nac. de Agr. B. Téc. 50, 23 p. San Pedro de Montes de Oca, 1945. 102 C822

#### Sugar Crops

- 15869 \*CHENG TU, CHINA. SZECHWAN INSTITUTE OF AGRICULTURAL IMPROVEMENT. SUGAR CANE EXPERIMENT STATION. Report, 1939. 46 p. Chengtu, 1940. 65.9 C42
- In Chinese.
- 15870 \*DECOUX, L., VANDERWAEREN, J., and SIMON, M. La betterave en culture associée. II. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 369-380. July/Aug. 1944. 66.9 In7
- 15871 \*DECOUX, L., VANDERWAEREN, J., and SIMON, M. La betterave en deuxième culture. II. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 381-385. July/Aug. 1944. 66.9 In7
- 15872 \*DECOUX, L., VANDERWAEREN, J., and SIMON, M. Le forçage de la betterave. II. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 349-367. July/Aug. 1944. 66.9 In7
- English summary.
- 15873 \*DECOUX, L. Quelques réflexions au sujet de la précocité des semailles de la betterave sucrière en 1943. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 321-348. July/Aug. 1944. 66.9 In7
- English summary.
- 15874 L., H. M. Sugar cane varieties in the British West Indies: tenth annual report, British West Indies Central Sugar Cane Breeding Station, Barbados, 1943. Internatl. Sugar J. 47: 179-180. July 1945. 65.8 In8
- 15875 \*LAKSHMIKANTHAM, M. Trial of sugarcane varieties under swamp conditions in South India--(a review.) Madras Agr. J. 33: 42-48. Mar./Apr. 1945. 22 M262
- 15876 \*MARTENS, P., DECOUX, L., and ERNOULD, L. Obtention, par la poléicine, de betteraves sucrières triploïdes et tetraploïdes. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 251-256. July/Aug. 1944. 66.9 In7
- 15877 POEY, F. La caña POJ 2878 y sus inconvenientes en la parte de fabricación. Vida Rural 6(70): 39. May 1945. 9.4 V66

#### Tobacco

- 15878 \*AKKOYUNLU, Z. Tömbeki üzerindeki çalışmalar (Activities made on Tombak). Turkey. Inhisarlar Tütün Inst. Raporları 3: 113-136. 1944. 69.8 T842
- English summary.
- Tombak, a variety of tobacco smoked with a water pipe.
- 15879 \*BAILOV, D. Tütünovifat Opiten Institut v gr. Drama. Tobacco Research Institute in the city of Drama. Spis. Zeml. Izp. Inst. B'lgarija 11(3): 71-74. July/Sept. 1941. 106.3 R32
- 15880 JEWETT, S. L. The producing of tobacco from seed to cigarette faces many difficulties. Beaconville Advertiser 106(30): 4, 81. July 27, 1945. 281.28 B64
- 15881 JOGLAR-RODRÍGUEZ, F. Semilleros permanentes de tabaco. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 149-151. May/Dec. 1944. 8 R325

- 15882 \*POPOV, M. D. Metodi za kachestvena pretsenka na tiutuna ot polskitie opiti, Methods of determining the quality of tobacco from Polish experiments. Spis. Zeml. Izp. Inst. B'lgarija 13: 161-173. July/Dec. 1943. Ref. 106.3 R32
- 15883 PUERTO RICO TOBACCO INSTITUTE. Annual report, 1941/42, 1942/43. 65 p. San Juan, 1945. 69.9 P96
- 15884 STRYDOM, H. L. Production of Turkish tobacco in the Western Cape Province. Union So. Africa. Dept. Agr. and Forestry B. 244, 28 p. Pretoria, 1944. 24 So84P
- 15885 \*YÜRK, S., and ÖZBAŞ, H. Püroluk tütün üzerindeki çalışmalar (Über die anbauversuche der zigarrentabaken und die bekommenen ergebnisse). Turkey. Inhisarlar Tütün Inst. Raporları 3: 137-146. 1944. 69.3 T842
- German summary.

#### HORTICULTURAL CROPS

Includes articles on general horticulture, and on varieties, breeding, cultural practices, and yield.

#### General

- 15886 ARNETT, R. Plant breeding. Mich. Hort. Soc. Hort. News 11: 94. Aug. 1945. 80 H7815
- 15887 BODDY, F. A. The progress of horticulture. Gard. Chron. 118: 31. July 21, 1945. 80 G162
- 15888 \*BREVIGLIERI, N. Aspetti dell'ortofloro-frutticoltura toscana. R. Soc. Toscana d'ortic. Riv. 65(spec. No.): 37-45. Oct. 1940. 86 R22
- 15889 FORTIN, G. N. L'horticulture à la Ferme Expérimentale de Normandin. Terre de Chez Nous 17 (42, 1. e. 43): 13. Aug. 1, 1945. 7 T27
- 15890 MR., A. L'horticulture et les stations de recherches horticoles. Petit Casablancais 30(1223): 4, 3. July 28, 1945. 280.8 P44
- 15891 SALDIAS, M. O. La huerta y la quinta, complementos de la chacra. Chacra 15(175): 20-21. May 1945. 9 C34
- Fruit and vegetable culture on the farm in Brazil.
- 15892 SHEWELL-COOPER, W. E. Gardening over seventy years ago. Field 185: 577. June 9, 1945. 10 F45
- 15893 SHEWELL-COOPER, W. E. Yellow or red fruits? Field 185: 626. June 23, 1945. 10 F45
- Tomatoes, raspberries, and currants.
- 15894 SOTO, E. R. San Pedro: vivero de la República. Chacra 15(175): 24-25. May 1945. 9 C34
- 15895 STYER, J. F. Unified horticulture is goal being sought. South. Florist and Nurseryman 58(19): 24-25. Aug. 3, 1945. 80 So86
- Plans for a permanent horticultural organization.
- 15896 \*TOCCHINI, F. Il R. Istituto Tecnico Agrario di Firenze specializzato in ortofloro-frutticoltura. R. Soc. Toscana d'ortic. Riv. 65(spec. No.): 46-50. Oct. 1940. 86 R22
- 15897 W., D. S. How layering is done. Pop. Gard. 47: 181. Aug. 4, 1945. 80 G1622
- 15898 WILLIAMS, F. S. Plant patent law not desirable. Canad. Florist 40: 258-259. Aug. 5, 1945. 80 C163

#### Fruits--General

- 15899 \*ALMEIDA, C. R. M. DE. A propagação das fruteiras. Portugal. Junta Nac. das Frutas. B. 4(2): 12-17; (3): 12-15. Feb., Mar. 1944. 286.3939 P83
- 15900 BARBINI, M. E. Frutticultura; tratamentos invernais. Cons. Agr., v. 5, No. 48, 4 p. July 1945. 9 C76
- 15901 \*BLONDIN, A. Esquisse rapide de l'arboriculture fruitière en Guadeloupe. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 2: 45-47. Mar. 1945. 8 R327
- 15902 DEMARÍA MASSEY, D. De árboles sanos, fruta sana. Vinos, Viñas y Frutas 40: 437-438. June 1945. 9 Ag89



- 15903 \*LIBES, R. Vignes ou pommiers américains? Prog. Agr. et Vitic., Ed. du Midi 62: 11-13. Jan. 7/28, 1945. 14 P94
- 15904 \*NATIVIDADE, J. V. O rejuvenescimento das velhas fruteiras. Portugal. Junta Nac. das Frutas. B. 4(2): 3-11; (3): 3-11. (To be cont.) Feb., Mar. 1944. 286.3939 P83
- 15905 NELSON, R. C. Poda de árboles frutales. Poda de formación. Cons. Agr., v. 5, No. 47, 16 p. June 1945. 9 C76
- 15906 SHEWELL-COOPER, W. E. Heterodox summer pruning of fruit trees and bushes. Field 186: 68. July 21, 1945. 10 F45

#### Fruits--Citrus and Subtropical

- 15907 \*ALI, A. M. Nagari oranges--their past and present. Madras Agr. J. 29: 347-350. Sept. 1941. 22 M262
- 15908 ARNOLD, O. Candy on trees [Khalasa date in Arizona]. Amer. Forests 51: 384-385, 414, 416. Aug. 1945. 99.8 F762
- 15909 \*AZZI, G. Ricerche ecologiche sull'olivo. Olivicoltore 18(4): 107-109. Apr. 1941. 80 OL4
- 15910 \*BENEDETTI, A. La ricostituzione degli oliveti. Olivicoltore 18(7): 211-218. July 1941. 80 OL4
- 15911 \*BOIS, E. J. Le figuier (Ficus carica, Linn.). Rev. Hort. Suisse 18: 28-31. Feb. 1945. 80 R3212
- 15912 \*BUZI, C. C. Principali pratiche colturali per incrementare la produttività degli oliveti. Olivicoltore 19(1): 15-22. Jan. 1942. 80 OL4
- 15913 CADILLA DE MARTÍNEZ, M. El cultivo histórico de las citrosas en Puerto Rico. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 157-165. May/Dec. 1944. 8 R325
- 15914 \*CAPEI, L. Un nuovo sistema di innesto per l'olivo ed i fruttiferi. Olivicoltore 18(12): 367-372. Dec. 1941. 80 OL4
- 15915 CARVAJALINO JACOME, L. J. El cultivo de la piña. Vida Rural 6(71): 22-23. June 1945. 9.4 V66
- 15916 \*CIFERRI, R. Ancora sulla classificazione delle razze di olivo in coltura. Olivicoltore 19(7): 121-123. July 1942. 80 OL4
- La risposta del Prof. Valleggi: p. 123-126; ... e quella del Prof. Zito: p. 126-127.
- 15917 \*CIFERRI, R., MARINUCCI, M., and MORETTINI, A. Dati preliminari per una sistematica delle razze di olivo in coltura. Olivicoltore 19(1): 3-7. Jan. 1942. 80 OL4
- 15918 \*CIFERRI, R., and BREVIOLIERI, M. Introduzione ad una classificazione morfo-ecologica dell'olivo coltivato in Italia. Olivicoltore 19(1): 8-14. Jan. 1942. 80 OL4
- 15919 \*COLLA, S. Applicazione delle sostanze di crescita all'olivicultura. Olivicoltore 17(5): 3-7. May 1940. 80 OL4
- 15920 CONDIT, I. J., and FLANDERS, S. E. "Gall-flower" of the fig, a misnomer. Science 102: 128-130. Aug. 3, 1945. 470 Sci2
- 15921 CORPORACIÓN NACIONAL DE OLIVICULTORES. Instrucciones para la plantación de olivos. Vinos, Viñas y Frutas 40: 374-376. Apr. 1945. 9 Ag89
- 15922 \*CRISPO, C. F. La coltivazione dell'olivo presso gli antichi. Olivicoltore 17(3): 5-11. Mar. 1940. 80 OL4
- 15923 \*CROCE, E. T. I veliti dell'olivo: l'olivo di Monte Leano. Olivicoltore 18(3): 88-96. Mar. 1941. 80 OL4
- 15924 DAVILA, D. S., and MUELLO, A. C. El ananá. Suelo Argentino 4: 452-453. July 1945. 9 Su2
- 15925 \*DOJMI DI DELUPIS, S. Ricerche biostatistiche sulla variabilità dei caratteri nell'olivo coltivato. Olivicoltore 19(8): 135-142. Aug. 1942. 80 OL4
- 15926 \*DOJMI DI DELUPIS, S. Sull'impiego delle sostanze rizogene nella propagazione agamica dell'olivo. Olivicoltore 18(10): 308-310. Oct. 1941. 80 OL4
- 15927 \*DURANTE, S. I veliti dell'olivo: l'olivo della azienda "Trappeto del Re." Olivicoltore 18(5): 150-159. May 1941. 80 OL4
- 15928 EBELING, W. Citrus in South America. Citrus Leaves 25(8): 8-9, 29-30. Aug. 1945. 80 C492
- 15929 \*FRANCIOSA, L. L'olivicultura nelle isole greche occupate. Olivicoltore 18(6): 180-186. June 1941. 80 OL4
- 15930 \*FREGOLA, C., ROVENTINI, A., and ZITO, F. La rigenerazione dell'olivicultura italiana. Olivicoltore 18(7): 203-210. July 1941. 80 OL4
- 15931 \*GOIDANICH, G., and MARCUCCI, G. B. Oliveti resistenti al freddo. Olivicoltore 18(1): 3-5. Jan. 1941. 80 OL4
- 15932 \*GUERCIO, G. L'olivo nel suo ambiente siciliano. Olivicoltore 19(6): 107-115. June 1942. 80 OL4
- 15933 JARAMILLO, R. La chimimoya. Vinos, Viñas y Frutas 40: 366-369. Apr. 1945. 9 Ag89
- 15934 \*MAZZOLANI, G. La patria dell'olivo. Olivicoltore 18(5): 141-149. May 1941. 80 OL4
- Fitogeografia, morfologia e genetica nello studio sistematico delle varietà di olivo (Olea europaea L.).
- 15935 MELLO, A. T. DE. O mamão. Campo [Rio de Janeiro], May 1945, p. 57-58. 9.2 C15
- 15936 \*MORETTINI, A. La radicazione delle talee di olivo e l'impiego delle sostanze rizogene. Olivicoltore 18(6): 171-179. June 1941. 80 OL4
- 15937 \*OMODEO, C. Il clima dell'olivo nella regione dei laghi alpini. Olivicoltore 18(2): 47-54. Feb. 1941. 80 OL4
- 15938 \*OFFENHEIMER, H. Summaries about tropical and subtropical fruit trees in 1942/43 and 1943/44. (In Hebrew.) Hassadeh 25: 322-324. (Concl.) June 1945. 26 H27
- 15939 PRIEGO, J. M. Multiplicación del olivo. Vinos, Viñas y Frutas 40: 404-408, 431-436. May, June 1945. 9 Ag89
- 15940 \*RAO, M. Culture of oranges at Kodur. Madras Agr. J. 29: 429-434. Nov. 1941. 22 M262
- 15941 REBOUR, H. La production des citrons d'été et les gelées. Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 99. May 1945. 80 F9482
- 15942 REGO, A. DA S. Mutação na variedade de abacateiro "João Balbalho." Pernambuco (State). Sec. de Agr., Indus. e Com. B. 11(3/4): 42-44. July/Dec. 1944. 9.2 P423
- 15943 ROUNDS, M. B. Planting distances for avocado trees. Calif. Citrog. 30: 322-323. Aug. 1945. 80 C125
- 15944 SCHULTZ, E. F. La poda de los cítricos. Bolsa de Com., Rosario. Rev. 33(799): 7-10, 12-14. Apr. 30, 1945. 287 R71
- 15945 SCHWENNESEN, A. W. Visit to citrus areas; variations in districts; navel and Valencia yields. Citrus News 21: 73, 78. May 31, 1945. 80 C494
- 15946 SIMMONS, C. Newman Fuerte avocado. Pacific Rural Press, South. Ed. 150: 66. Aug. 4, 1945. 6 P112A
- 15947 SMITH, R. J. Should large lemon trees be lowered in height? Citrus Leaves 25(8): 22. Aug. 1945. 80 C492
- 15948 U. S. PATENT OFFICE. Plant patent No. 625. Nicholson, D. J. Seedless navel orange tree. Patented Apr. 25, 1944. 156.6 P69
- 15949 \*VALLEGGI, M. Osservazioni su "Uno schema di classificazione morfo-ecologica dell'olivo." Olivicoltore 19(3): 72-73. Mar. 1942. 80 OL4
- 15950 \*VOLLONO, A. Influenza dei fattori meteorologici sul rendimento dell'olivo in provincia di Napoli. Olivicoltore 18(9): 277-284. Sept. 1941. 80 OL4
- 15951 \*ZITO, F. La classificazione delle razze di olivo coltivate. Olivicoltore 19(4): 79-80. Apr. 1942. 80 OL4
- 15952 \*ZITO, F. La rigenerazione dell'olivicultura italiana. Olivicoltore 18(3): 71-78. Mar. 1941. 80 OL4



Fruits--Deciduous

- 15953 \*AUBERT, P. Étude de nouvelles variétés de pommes. Rev. Hort. Suisse 18: 2-9. Jan. 1945. 80 R3212
- 15954 BEACH, F. H. Ohio peaches get spotlight at fruit growers' annual orchard day. Ohio Farmer 196(4): 8. Aug. 18, 1945. 6 Oh3
- 15955 BEACH, F. H. Pruning and fertilizing fruit trees. Natl. Shade Tree Conf. Proc. (1944) 20: 123-130. 99.9 N218
- 15956 \*BERGER, F. Um den oeschbergschnitt. Schweiz. Gart., No. 9, p. 265-269. Sept. 20, 1944. 80 Sch93
- Oeschberg system of pruning fruit trees.
- 15957 BEY-ROZET, L., and MORET. Propos de pomologie. Terre Maroc. 15(187): 15-19. June 1945. 24 T44
- 15958 BLAKE, M. A. A Russian nectarine proves promising for breeding. N. J. State Hort. Soc. Hort. News 26: 1737. July 1945. 81 N46
- 15959 \*BROT, R. Peut-on utiliser les parois exposées au nord? Rev. Hort. Suisse 18: 9-11. Jan. 1945. 80 R3212
- Espalier culture of cherries.
- 15960 CLARK, J. H. Has the beach plum a future? Home Gard. 6(2): 10-12. Aug. 1945. 80 H756
- 15961 CRANE, M. B. What are the best plums to grow? John Innes B. 1, p. 44-50. n. d. 84 J61J
- 15962 CRANE, M. B. What is wrong with "Lord Lambourne" [apple]? John Innes B. 1, p. 51-53. n. d. 84 J61J
- 15963 CROCE, F. M. Poda del manzano. Chacra 15(177): 28-29, 73. July 1945. 9 C34
- 15964 H., F. S. Early fruits. Pop. Gard. 47: 178. Aug. 4, 1945. 80 G1622
- 15965 HOFLANDER, H. Four [pear] trees of century old orchard still stand on farm near Boonville [Mo.]. Boonville Advertiser 106(30): 66. July 27, 1945. 281.28 B64
- 15966 HOLBECHE, J. A. The care of newly-planted deciduous [fruit] trees. Agr. Gaz. N. S. Wales 56: 245-248. June 1, 1945. 23 N472
- 15967 \*K., F. Flauderei über wandspalierzucht. Schweiz. Gart., No. 9, p. 270-271. Sept. 20, 1944. 80 Sch93
- 15968 KLEIN, J. New apple for coastal area. Calif. Cult. 92: 433-453. Aug. 18, 1945. 6 C12
- Beverly Hills, an Early McIntosh X Melba seedling.
- 15969 \*LENFANT, J. La toilette hivernale des arbres fruitiers; fruits à pépins. Prog. Agr. et Vitic. Éd. du Midi 62: 9-11. Jan. 7/28, 1945. 14 P94
- 15970 LEWIS, F. H., and GROVES, A. B. Spraying sour cherries for disease affects size and quality of fruit. Sci. Farmer [Pa. Sta.], June 1945, p. 6-7. 100 F381
- 15971 \*LUGEON, A. R. Golden Delicious et Belle Fleur jaune. Rev. Hort. Suisse 18: 15-17. Jan. 1945. 80 R3212
- 15972 M., B. L. Fruits from the garden wall. Pop. Gard. 47: 162. July 21, 1945. 80 G1622
- 15973 MARIN, L. Breves apuntes sobre el cultivo del durazno. Agr. y Ganad. 20(8): 15-19. June 30, 1945. 8 Ag834
- 15974 \*MEIER. Fehler bei wandspalieren. Schweiz. Gart., No. 12, p. 363-365. Dec. 20, 1944. 80 Sch93
- Espalier culture for deciduous fruit.
- 15975 \*S., P. Entfernt die fruchtmumien im laublosen Zustand der Obstbäume! Schweiz. Gart., No. 1, p. 20. Jan. 10, 1945. 80 Sch93
- 15976 TERRY, H. B. Early planting of deciduous fruit trees. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 135, 2 p. Pretoria, 1945. 24 So82Pa
- 15977 TOMALIN, T. E. The first tree fruits. Pop. Gard. 47: 186. Aug. 11, 1945. 80 G1622
- 15978 WRIGHT, P. H. Hardy prairie apples. Canad. Hort. and Home Mag., Growers' Ed. 68: 159-160. July/Aug. 1945. 80 C16

Fruits--Small

- 15979 ARANGO, P. A. El cultivo de la vid en Colombia. Vida Rural 6(70): 13; (71): 28. May, June 1945. 9.4 V66
- 15980 BROWN, A. G. The big-gooseberry growers. Countryman 31: 197-199. Summer 1945. 281.28 C832
- 15981 BRIJMAN, M. El problema del aumento de la producción en Cuyo. Conviene transformar la viña baja en viñedo de espaldera alta. Rev. Mens. B. A. P. 38 (330): 18-23. May 1945. 9 R326
- 15982 \*FREI, E. Der rebschutzdienst auf genossenschaftlicher basis. Schweiz. Z. f. Obst- u. Weinbau 54: 281. Aug. 4, 1945. 80 Sch9
- 15983 HUNT, E. M. Strawberry plantings need summer care. Minn. Hort. 73: 109. Aug. 1945. 81 M66
- 15984 M., E. Try soft shoot cuttings of black currants. Pop. Gard. 47: 162. July 21, 1945. 80 G1622
- 15985 MURRILL, W. A. A white blackberry. J. Hered. 36: 217-218. July 1945. 442.8 Am3
- 15986 PRICE, J. C. C. Patrick County blackberries and blueberries. Va. Fruit 33(6): 13-14. June 1945. 81 V81B
- 15987 \*S. Das pflanzen des rebspaliers. Schweiz. Gart., No. 12, p. 360-363. Dec. 20, 1944. 80 Sch93
- 15988 \*S., P. Merksätze zur erdbeerpflanzung. Schweiz. Gart., No. 9, p. 273. Sept. 20, 1944. 80 Sch93
- 15989 STRIKE, M. Hardy raspberries do well. Family Herald and Weekly Star 76(29): 6. July 18, 1945. 7 F21
- 15990 STUCKEY, H. P. Raising strawberries. South. Agr. 75(9): 18. Sept. 1945. 6 So83
- 15991 TOMALIN, T. E. Your new strawberry bed. Pop. Gard. 47: 146. July 7, 1945. 80 G1622
- 15992 WEIR, T. S. Raspberries and other brambles. Minn. Hort. 73: 107-108. Aug. 1945. 81 M66

Nuts

- 15993 DEVOTO, F. E. Producción de híbridos de nogales resistentes a las enfermedades. Chacra 15 (175): 30-31. May 1945. 9 C34
- 15994 HAMILTON, G. H. Nuts are nutritious and worth growing. Canad. Hort. and Home Mag., Growers' Ed. 68: 163-164. July/Aug. 1945. 80 C16
- 15995 REED, C. A. The beginning of pecan growing as an orchard industry. Natl. Hort. Mag. 24: 213-215. July 1945. 80 N216
- 15996 \*ZITO, F. La coltivazione del noce. Ital. Agr. 20: 691-697. Oct. 1941. 16 It1

Ornamental Plants

- 15997 ARNOLD, R. E. Aerides lawrenceae. Orchid Rev. 53: 95-96. July/Aug. 1945. 80 Or15
- 15998 ARNOLD, R. E. Cattleya velutina. Orchid Rev. 53: 88-89. July/Aug. 1945. 80 Or15
- 15999 ARNOLD, R. E. Dendrobium densiflorum. Orchid Rev. 53: 100-101. July/Aug. 1945. 80 Or15
- 16000 AVENDAÑO F., A. Poda del rosál. Vinos, Viñas y Frutas 40: 411-412. May 1945. 9 Ag89
- 16001 B., E. Good town garden roses. Pop. Gard. 47: 190. Aug. 11, 1945. 80 G1622
- 16002 B., J. J. Gardening in troughs. Gard. Illus. 64: 634. Aug. 1945. 80 G169
- Method of growing alpine plants.
- 16003 B., R. What should I look for in choosing good iris? Home Gard. 6(2): 20-23. Aug. 1945. 80 H756
- An interview with F. W. Cassebeer:
- 16004 BACHER, J. G. The planting of rhododendrons. Rhododendron Ybk. 1945: 66-74. 97.31 R343
- 16005 BACHER, J. G. Rhododendrons for the rocky. Rhododendron Ybk. 1945: 50-57. 97.31 R343
- 16006 BALLARD, W. R. The black haw [Viburnum prunifolium]. Natl. Hort. Mag. 24: 242-244. July 1945. 80 N216



- 16007 \*BARRERA RIBER, R. Importancia de la jardinería en la vida de los pueblos. Agricultura [Madrid] 14: 231-235. (To be cont.) May 1945. 15 Ag84
- 16008 BAUER, R. August wild flowers, other than yellow. Back to Eden 12(1): 2. Aug. 1945. 80 B12
- 16009 BAXTER, S. N. City ordinance and specifications regulating planting and maintenance. Natl. Shade Tree Conf. Proc. (1944) 20: 138-146. 99.9 N218
- 16010 BAZÁN, L. Belleza y distinción para el jardín. Chacra 15(175): 42-43, 48. May 1945. 9 C34
- 16011 BENNERS, MRS. W. H. Texas [narcissus]. Natl. Hort. Mag. 24: 237-238. July 1945. 80 N216
- 16012 BIDDLE, D., and BLOM, D. Dahlias--daring or dainty [flower arrangement]. Flower Grower 32: 393. Aug. 1945. 80 M72
- 16013 BOOTH, H. A. The decay of the thorn hedge. Land Agents Soc. J. 44: 119-121. July 1945. 282.9 L22
- 16014 BRIDGE, A. L. Dual purpose shrubs on new roads. Country Life [London] 97: 1033. June 15, 1945. 80 C83
- Planting strip between dual roadways.
- 16015 BROWN, J. J. Wildlings among the iris. Gard. Illus. 64: 632-633. Aug. 1945. 80 G169
- 16016 BROWN, P. S. The how of landscape planting and design. Northwest Gard. 13(6): 6-7. Aug. 1945. 80 N813
- 16017 BRYDON, P. H. Rhododendrons and their cultural requirements. Rhododendron Ybk. 1945: 80-87. 97.31 R343
- 16018 BRYDON, P. H. Rhododendrons from seed. Rhododendron Ybk. 1945: 58-65. 97.51 R343.
- 16019 BULBS between two worlds. Old and new friends from Europe are on their way. House and Gard. [Greenwich] 88: 110, 166, 167. Sept. 1945. 80 H81
- 16020 \*CALVINO, E. M. Decalogo della coltivazione della dahlia. R. Soc. Toscana d'Ortic. Riv. 65(spec. No.): 28. Oct. 1940. 86 R22
- 16021 CHADWICK, L. C. Rosa setigera. Amer. Nurseryman 82(3): 30. Aug. 1, 1945. 80 Am371
- 16022 CHADWICK, L. C. Viburnum dentatum. Amer. Nurseryman 82(4): 26-27. Aug. 15, 1945. 80 Am371
- 16023 CLAAR, E. A. Why I grow daylilies. Flower Grower 32: 391. Aug. 1945. 80 M72
- 16024 CLARK, A. M. B x scharffiana, Regel. Begonian 12: 150, 156. Aug. 1945. 96.511 B39
- 16025 CLARK, D. Two oldfashioned flowers [Cheiranthus and Reseda]. Organic Gard. 7(4): 15-17. Sept. 1945. 56.8 Or3
- 16026 COBLENTZ, J. Prize chrysanthemums in Oregon. East. States Chrysanthemum Soc. B. 1(1): 6. First quart. 1945. 96.519 Ea7
- 16027 COOMBS, S. V. Oplonanax (Echinopanax) horridum. Devil's Club. Natl. Hort. Mag. 24: 244-247. July 1945. 80 N216
- 16028 COOPER, E. Lycaste tricolor. Orchid Rev. 53: 87-88. July/Aug. 1945. 80 Or15
- 16029 COOPER, E. Maxillaria macrura. Orchid Rev. 53: 102. July/Aug. 1945. 80 Or15
- 16030 CROWK, L. M. Sharpshooting with lobelias. Home Gard. 6(2): 49. Aug. 1945. 80 H756
- 16031 CUMMING, A. Chrysanthemums down the home stretch. Home Gard. 6(2): 38-40. Aug. 1945. 80 H756-
- 16032 DARLING, J. You don't have to leave home for autumn color. House Beautiful 87(9): 68-69. Sept. 1945. 296.8 H81
- Lists of ornamental plants for fall garden effects.
- 16033 DOWNER, H. E. Plant for permanence--the Japanese yew. Flower Grower 32: 395. Aug. 1945. 80 M72
- 16034 DOWNING, F. The shrimp-plant [Beloperone] Back to Eden 12(1): 3. Aug. 1945. 80 B12
- 16035 DRUMMOND, W. C. Propagation of Begonia semperflorens and other begonias from seed. Begonian 12: 147, 156. Aug. 1945. 96.511 B39
- 16036 DUNCOMB, MRS. R. J. Verbascum. Back to Eden 12(1): 5. Aug. 1945. 80 B12
- 16037 EWING, G. Now's the time to plant a spring garden path. House Beautiful 87(9): 74-75, 148. Sept. 1945. 296.8 H81
- Lists spring flowers suitable for path borders.
- 16038 FIGUEIREDO, R. DE. Para obtermos craveiros "standard" não precisamos fazer hibridações. Chacaras e Quintais 71: 465-467. Apr. 15, 1945. 9.2 C34
- 16039 FORBERG, M. J. Amaryllis for winter blooming. Gard. Gossip 20(8): 9. Aug. 1945. 80 G1625
- 16040 FOSTER, H. L. Seed sowing media [sphagnum]. Amer. Rock Gard. Soc. B. 3: 61. July/Aug. 1945. 81 Am342
- 16041 FOX, H. M. Low shrubs for a dry sunny exposure. Amer. Rock Gard. Soc. B. 3: 51-53. July/Aug. 1945. 81 Am342
- 16042 FRESE, P. F. What your garden needs right now is a versatile flower [chrysanthemum]. House Beautiful 87(9): 64-65. Sept. 1945. 296.8 H81
- 16043 \*FUCHS, H. Chez les plantes vivaces. Rev. Hort. Suisse 18: 31-34. Feb. 1945. 80 R3212
- 16044 G., M. R. Best roses for poor soil; try the hybrid Polyanthas. Pop. Gard. 47: 158. July 14, 1945. 80 G1622
- 16045 GARDINER, G. F. In your flower garden; best time to layer border carnations. Pop. Gard. 47: 166. July 21, 1945. 80 G1622
- 16046 GIRIDLIAN, J. M. Bromeliads in hanging baskets and on tree trunks. Begonian 12: 152-153, 154. Aug. 1945. 96.511 B39
- 16047 GOMES E SOUSA, A. DE F. Jardins de Moçambique; jardins da ilha de Moçambique. Moçambique 11(41): 5-45. Mar. 13, 1945. 110 M71
- 16048 GREEN, E. E. From the Midwest Horticultural Society. Natl. Hort. Mag. 24: 249-250. July 1945. 80 N216
- Fagus sylvatica pendula; Prunus cerasifera pissardi; Deutzia scabra plena; Taxodium distichum.
- 16049 \*GREENE, G. Les passiflores [Passiflora coerulea] ou Fleurs de la Passion. Rev. Hort. Suisse 18: 36-37. Feb. 1945. 80 R3212
- 16050 GRISWOLD, R. E. The planting of trees as war memorials. Natl. Shade Tree Conf. Proc. (1944) 20: 63-73. 99.9 N218
- 16051 \*GURRIERI, V. Decalogo della coltivazione del crisantemo. R. Soc. Toscana d'Ortic. Riv. 65 (spec. No.): 29. Oct. 1940. 86 R22
- 16052 HAGERMAN, L. W. Lilacs and their culture. Part III. Parks & Recreation 28: 208-211. Aug. 1945. 99.8 P23
- 16053 HAISLIP, M. P. How to live with buddleias and like them. Home Gard. 6(2): 36-37. Aug. 1945. 80 H756
- 16054 HARDGROVE, D. T. Rhododendrons on Long Island. Rhododendron Ybk. 1945: 30-40. 97.31 R343
- 16055 HARTWELL, G. Rex begonia goes viviparous. Begonian 12: 149. Aug. 1945. 96.511 B39
- 16056 HASTINGS, W. R. All-America Rose Selections. Amer. Nurseryman 82(3): 9. Aug. 1, 1945. 80 Am371
- 16057 HELLINGS, M. L. Treatment of Shasta daisies. Horticulture 23: 358. Aug. 1945. 80 H787
- 16058 \*HEROLD, R. Cytisus kewensis. Schweiz. Gart., No. 9, p. 263-264. Sept. 20, 1944. 80 Sch93
- 16059 \*HEROLD, R. Gillenia trifoliata. Schweiz. Gart., No. 12, p. 354-355. Dec. 20, 1944. 80 Sch93
- 16060 HILL, E. Unusual peonies in Oklahoma. Amer. Peony Soc. B. 98, p. 28-29. June 1945. 81 Am38B
- 16061 HOFFMAN, MRS. C. Decorative arrangements for the home in war time. Hort. Soc. N. Y., Monthly B. 16(7/9): 5-7. July/Sept. 1945. 81 N482M



- 16062 \*HOLLAND, A. Der weihnachtsstern (*Poinsettia pulcherrima*). Schweiz. Gart., No. 12, p. 35. 360. Dec. 20, 1944. 80 Sch93
- 16063 HOLLEY, W. D., and MACFARLANE, J. Summary of carnation variety trials--1942-45; New Hampshire Experiment Station, Durham, N. H. Florists Exch. 105(9): 19. Sept. 1, 1945. 80 F666
- 16064 HOUSER, H. A. Successful Easter lily bulb production in North Carolina trial. Florists' Rev. 96(2490): 21-23. Aug. 16, 1945. 80 W41
- 16065 HOWLAND, J. E. Cornell research work [with ornamental plants, inspected by growers. Florists' Rev. 96(2488): 20-21. Aug. 2, 1945. 80 W41 Meeting of N. Y. State Flower Growers, Inc.
- 16066 HUNTINGTON, G. T. There's always room for occasional roses. Home Gard. 6(2): 31-32. Aug. 1945. 80 H756
- 16067 HUSS, MRS. F. Gloxinias. Back to Eden 12(1): 3. Aug. 1945. 80 B12
- 16068 HUTTON, S. B. English chrysanthemums in America. East. States Chrysanthemum Soc. B. 1(1): 10-11. First quart. 1945. 96.519 Ea7
- 16069 JAEGER, MRS. A. Hemerocallis for the summer garden. Wis. Hort. 35: 270. July/Aug. 1945. 80 W752
- 16070 JONES, R. W. Orchid show time in Caracas. Amer. Orchid Soc. B. 14: 79-92. Aug. 1, 1945. 80 Am329
- 16071 \*KELLER. Begonien [Begonia semperflorens keine schattenpflanzen? Schweiz. Gart., No. 12, p. 356-357. Dec. 20, 1944. 80 Sch93
- 16072 \*KLEINER, P. Was sind alpenpflanzen? Schweiz. Gart., No. 12, p. 352-354. Dec. 20, 1944. 80 Sch93
- Eryngium alpinum and Androsace vandellii.
- 16073 L., D. G. Little bulbs that give great pleasure. Pop. Gard. 47: 181. Aug. 4, 1945. 80 G1622
- 16074 LANE, M. D. Late summer is the ideal time for sowing down a lawn. Pop. Gard. 47: 189. Aug. 11, 1945. 80 G1622
- 16075 \*LEDER, W. Gartenfreuden und gartennutzen. Schweiz. Gart., No. 12, p. 349-352. Dec. 20, 1944. 80 Sch93
- 16076 LEMMON, R. S. Butterflyweed--to set the summer garden aflame. Home Gard. 6(2): 34-35. Aug. 1945. 80 H756
- 16077 LEONIAN, L. H. Rambling along the Delphinium path. Natl. Hort. Mag. 24: 167-170. July 1945. 80 N216
- 16078 LEVY, F. Sketchbook, Primula aurantiaca. Amer. Primrose Soc. Q. 3: 15-16. July 1945. 96.575 Am3
- 16079 LEVY, F. Understanding the Asiatics. Amer. Primrose Soc. Q. 3: 8-11. July 1945. 96.575 Am3
- 16080 LEWIS, M. S. A mountain laurel [Kalmia latifolia] hedge. Horticulture 23: 366. Aug. 1945. 80 H787
- 16081 LONG, P. M. Peonies in an Alabama garden in 1945. Amer. Peony Soc. B. 98: p. 3-6. June 1945. 81 Am388
- 16082 LYMAN, MRS. W. P. Daylilies in the West. Horticulture 23: 357. Aug. 1945. 80 H787
- 16083 M., C. L. The summer brooms [Cytisus] flower very freely. Pop. Gard. 47: 173. July 28, 1945. 80 G1622
- 16084 M., S. H. Colour schemes with favourite hardy flowers. Pop. Gard. 47: 165. July 21, 1945. 80 G1622
- 16085 MCFARLAND, J. H. When is a rose "new"? Amer. Rose Mag. 6: 236. July/Aug. 1945. 80 Am327A
- 16086 MCILVAINE, F. E. More about colchicums and magnolias. Natl. Hort. Mag. 24: 247. July 1945. 80 N216
- 16087 MCKENNA, P. J. Remake or recondition. House and Gard. [Greenwich] 88: 112-113, 138, 140, 144. Sept. 1945. 80 H81
- Complex lawn problems simplified.
- 16088 MACNEIL, A. Only good gardeners deserve Madonna lilies. Home Gard. 6(2): 6-9. Aug. 1945. 80 H756
- 16089 MAGERS, MRS. Silene armeria. Back to Eden 12(1): 2. Aug. 1945. 80 B12
- 16090 MAGERS, A. A choice little cactus [Mammillaria sp. for the rock garden]. Natl. Hort. Mag. 24: 220. July 1945. 80 N216
- 16091 MAGERS, MRS. H. P. A rock garden Tradescantia. Amer. Rock Gard. Soc. B. 3: 54. July/Aug. 1945. 81 Am342
- 16092 MARRIAGE, K. Mountaineers [high altitude flowers] for earthbound rock gardens. Home Gard. 6(2): 91-96, 98-100. Aug. 1945. 80 H756
- 16093 MARRIAGE, K. Some like it cold. Natl. Hort. Mag. 24: 216-220. July 1945. 80 N216
- Rock garden plants.
- 16094 MEYER, J. R. The use of tomato juice in the preparation of a medium for the germination of orchid seeds. Amer. Orchid. Soc. B. 14: 99-101. Aug. 1, 1945. 80 Am329
- 16095 MORÁN SILVA, A. El árbol de Correto. Café de El Salvador 14: 428-429. Mar. 1944. 68.28 C112
- Samanea saman as a shade tree.
- 16096 MORGAN, T. Christmas rose in Oregon. Horticulture 23: 350. Aug. 1945. 80 H787
- Helleborus niger and other species.
- 16097 MORRISON, B. Y. Narcissus, Truth. Natl. Hort. Mag. 24: 240-241. July 1945. 80 N216
- 16098 MOSNAT, H. R. Sedgwick daisy in Iowa. Horticulture 23: 351. Aug. 1945. 80 H787
- 16099 MYERS, J. H. Succeeding with carnations in the little greenhouse. Flower Grower 32: 397-398. Aug. 1945. 80 M72
- 16100 NELSON, C. E. Various ways of pruning, shearing and training trees and shrubs. Arborist's News 10: 57-59. Aug. 1945. 99.8 Ar14
- 16101 NOBLE, E. A "monster" [Monstera deliciosa] in the garden. Home Gard. for South 5: 87. May 1945. 80 H755
- 16102 NOBLE, M. Growing orchids in small houses. VII. Amer. Orchid Soc. B. 14: 102-103. Aug. 1, 1945. 80 Am329
- 16103 NORTON, J. B. S. Hemerocallis through the year. Natl. Hort. Mag. 24: 197-199. July 1945. 80 N216
- 16104 OLMSTED, F. L. Parks as war memorials. Landscape Architecture 35: 104-107. Apr. 1945. 80 L23
- 16105 OSTBO, E. Rhododendrons in the woodland garden. Rhododendron Ybk. 1945: 75-79. 97.31 R343
- 16106 PALMA, D. Es necesaria la creación de arboretos nacionales y regionales. Chacra 15(175): 26-27, 73. May 1943. 9 C34
- 16107 PARKER, J. New fertiliser improves plants. Trees [Santa Monica] 6(3): 5. Aug. 1945. 99.8 W52
- Likwid-Gro, a growth substance for spraying.
- 16108 \*PARPAGLIOLO, M. T. Aspetti del giardino moderno. R. Soc. Toscana d'ortic. Riv. 65(spec. No.): 20-23. Oct. 1940. 86 R22
- 16109 POWELL, E. C. Maryland [narcissus]. Natl. Hort. Mag. 24: 238-240. July 1945. 80 N216
- 16110 PREE, H. L. Begin planting now for next year's hardy flowers. Saskatchewan Farmer 36(15): 3. Aug. 1, 1945. 7 Sa74
- 16111 PROCTOR, K. W. Utilities and trees can harmonize. Trees [Santa Monica] 6(3): 8-9. Aug. 1945. 99.8 W52
- 16112 \*R. Zwei wertvolle spätsommerblüher, Buddleia davidii French. und Hibiscus syriacus L. Schweiz. Gart., No. 9, p. 263. Sept. 20, 1944. 80 Sch93
- 16113 REED, G. M. Origin and development of flowering cherries. (Abs.) Torreya 45: 64. June 1945. 450 T83



- 16114 REFORD, MRS. R. W. Gentian walk in a Canadian garden. N. Y. Bot. Gard. J. 46: 153-157. July 1945. 451 N48J
- 16115 REISS, V. H. What perennials can we plant in the fall? Mich. Hort. Soc. Hort. News 11: 95. Aug. 1945. 80 H7815
- 16116 RICHARDSON, R. Fall bulb planting for spring bloom. Minn. Hort. 73: 101, 107. Aug. 1945. 81 M66
- 16117 ROBERT, E. F. Summer care of the garden. Home Gard. for South 5: 84-85, 97. May 1945. 80 H755
- 16118 \*ROBBIA, M. B. V. DELLA. I fiori in ogni casa ed in ogni villaggio d'Italia. R. Soc. Toscana d'Ortic. Riv. 65 (spec. No.): 17-19. Oct. 1940. 86 R22
- 16119 ROBERSON, F. K. Summer care of rock gardens. Northwest Gard. 13(6): 2. Aug. 1945. 80 N813
- 16120 ROBERTS, A. D. Dicksonia antarctica a lovely tree fern for So. Calif. Begonian 12: 155. Aug. 1945. 96.511 B39
- 16121 ROBERTS, MRS. J. W. Growing large-flowered mums in the garden. East. States Chrysanthemum Soc. B. 1(1): 8-9. First quart. 1945. 96.519 Ea7
- 16122 ROBINSON, R. R. and SPRAGUE, V. G. The effects of nitrogen fertilization, irrigation, and clipping treatments on the yield and botanical composition of a Kentucky bluegrass-white clover sod. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 50, processed. 57.9 N217
- 16123 ROCKWELL, F. F. The best lawns are born in August. Home Gard. 6(2): 13, 16-19. Aug. 1945. 80 H756
- 16124 ROSS, MRS. F. L. Consider the climbing hybrid teas. Flower Grower 32: 396, 398. Aug. 1945. 80 M72
- Varieties of climbing tea roses.
- 16125 ROWNTREE, L. An alpine columbine [Aquilegia pubescens]. Natl. Hort. Mag. 24: 216. July 1945. 80 N216
- 16126 ROWNTREE, L. California's passion flower [Passiflora]. Horticulture 23: 357. Aug. 1945. 80 H787
- 16127 S., D. M. Belladonna delphiniums. Pop. Gard. 47: 150. July 7, 1945. 80 G1622
- 16128 \*S., L. Das pflanzenleben im herbst und winter. Schweiz. Gart., No. 12, p. 371-372. Dec. 20, 1944. 80 Sch93
- 16129 \*S., P. Die im frühjahr ausgepflanzten zimmerpflanzen im september in töpfe pflanzen. Schweiz. Gart., No. 9, p. 265. Sept. 1944. 80 Sch93
- 16130 \*SCHADELLI, W. Die alstroemerie [Alstroemeria aurantiaca splendens], eine wenig bekannte schönheit. Schweiz. Gart., No. 12, p. 355-356. Dec. 20, 1944. 80 Sch93
- 16131 \*SCHMIDT, E. Dahlien und gladiolen nicht feucht ins winterlager bringen. Schweiz. Gart., No. 9, p. 257. Sept. 20, 1944. 80 Sch93
- 16132 \*SCHMIDT, E. Im hausgarten mehr astilben (spiraeen) pflanzen. Schweiz. Gart., No. 9, p. 261-263. Sept. 20, 1944. 80 Sch93
- 16133 \*SCHMIDT, E. Von schönen topfprimeln für den fensterschmuck. Schweiz. Gart., No. 12, p. 357-359. Dec. 20, 1944. 80 Sch93
- 16134 \*SCHMIDT, E. Winterling, schneeglöckchen und krokus, welche den frühling künden, werden jetzt gepflanzt. Schweiz. Gart., No. 9, p. 255-257. Sept. 20, 1944. 80 Sch93
- Eranthis hiemalis, Leucojum vernalis, Crocus.
- 16135 SCOTT, E. L. The test plot—a valuable project for 1945. East. States Chrysanthemum Soc. B. 1(1): 7. First quart. 1945. 96.519 Ea7
- 16136 SCOTT, E. L. What is a good garden chrysanthemum? East. States Chrysanthemum Soc. B. 1(1): 3-4. First quart. 1944. 96.519 Ea7
- 16137 SCULLY, R. M. Sunlight—a limiting factor [in orchid culture]. Amer. Orchid Soc. B. 14: 93-94. Aug. 1, 1945. 80 Am329
- 16138 SEEVERS, H. V. Rhododendrons in Kansas. Natl. Hort. Mag. 24: 223-224. July 1945. 80 N216
- 16139 SEEVERS, H. V. Rhododendrons in midwestern U. S. Rhododendron Ybk. 1945: 41-46. 97.31 R343
- 16140 SHULL, J. M. Gardening with daylilies. Natl. Hort. Mag. 24: 200-204. July 1945. 80 N216
- 16141 SLATE, G. L. Each scale and bulblet means another lily. Home Gard. 6(2): 77-80. Aug. 1945. 80 H756
- 16142 SPICER, O. W. Unusual activities of the arboriculturist during wartime. Natl. Shade Tree Conf. Proc. (1944) 20: 40-46. 99.9 N218
- 16143 STEFFEK, E. F. Cold-proof roses. Amer. Rose Mag. 6: 220-221. July/Aug. 1945. 80 Am327A
- 16144 STIRLING, W. Aerangis rhodosticta and Angraecopsis gracillima. Orchid Rev. 53: 83-84. July/Aug. 1945. 80 Or15
- 16145 STOKEL, H. F. Tree peonies from seed. Amer. Peony Soc. B. 98, p. 8-9. June 1945. 81 Am388
- 16146 \*SUNDARARAMAN, S. Rose growing. Madras Agr. J. 29: 425-429. Nov. 1941. 22 M262
- 16147 SWIM, H. C. Roses in the making. Amer. Rose Mag. 6: 235-236. July/Aug. 1945. 80 Am327A
- 16148 TANNER, D. C. Tuberous begonias from seed. Begonian 12: 148. Aug. 1945. 96.511 B39
- 16149 TAYLOR, K. S. Winter gardening at Cushing General Hospital, Framingham, Mass., j. Natl. Hort. Mag. 24: 210-212. July 1945. 80 N216
- Sun-heated pit gardening for Army and Nav. patients.
- 16150 TIEMANN, O. R. How to grow your own pansies. Flower Grower 32: 406-407. Aug. 1945. 80 M72
- 16151 TOMALIN, T. E. Chrysanthemums for the greenhouse in autumn. Pop. Gard. 47: 149. July 7, 1945. 80 G1622
- 16152 TOMALIN, T. E. Layer the border carnations for planting in early autumn. Pop. Gard. 47: 182. Aug. 4, 1945. 80 G1622
- 16153 TOMALIN, T. E. Make roses bloom again. Pop. Gard. 47: 157. July 14, 1945. 80 G1622
- 16154 \*TRENKNER, Le Lilium angela, une nouveauté suisse. Rev. Hort. Suisse 18: 11-12. Jan. 1945. 80 R3212
- 16155 U. S. PATENT OFFICE. Plant patents. 7 Nos. 1944. 156.65 P69
- Contents: No. 614. Johnston, W. I. Rose plant. 2 p., 1 col. pl. Patented Feb. 8; No. 622. Kondo, V. C. Gardenia plant. 1 p., 1 col. pl. Patented Apr. 4; No. 634. Sparre, G. Chrysanthemum plant. 2 p., 1 col. pl. Patented July 25; No. 638. Dickson, A., Jr. Rose plant. 2 p., 1 col. pl. Patented Sept. 5; No. 639. Dickson, A., Jr. Rose plant. 2 p., 1 col. pl. Patented Sept. 5; No. 640. Reichert, L. Chrysanthemum plant. 1 p., 1 col. pl. Patented Sept. 5; No. 641. Roberts, S. B. Rose plant. 1 p., 1 col. pl. Patented Sept. 5.
- 16156 VAN MELLE, P. J. The jewel-case [tufa rock] garden. Amer. Rock Gard. Soc. B. 3: 59-61. July/Aug. 1945. 81 Am342
- 16157 VOGEL, A. R. An ordinance to regulate the planting, care and preservation of trees and shrubs. Mich. Forestry and Park Assoc. Ann. Mtg. (1945) 19: 5-8, processed. 99.9 M586
- 16158 WALKDEN, A. Thunia marshalliae. Orchid Rev. 53: 101-102. July/Aug. 1945. 80 Or15
- 16159 WALLACE, E. Garden week on the Eastern Shore of Maryland. II. Gard. Gossip 20(8): 4-5. Aug. 1945. 80 G1625
- 16160 WEBER, H. L. Qué nos aconseja plantar en nuestro predio? Unión Agr. del Sur 3(17): 10. May 1945. 9.3 Un3
- Tree planting advice for Chile.
- 16161 WELLS, J. B. Border carnations and picotees. Gard. Chron. 118: 27-28. July 21, 1945. 80 G162



- 16162 WESTON, T. A. *Lachenalias*. Home Gard. 6(2): 85-86. Aug. 1945. 80 H756
- 16163 WHITEHEAD, J. *Rhododendrons* at University of California Botanical Gardens. *Rhododendron* Ybk. 1945: 8-29. 97.31 R343
- 16164 WHITEHEAD, S. B. Bearded irises for the border. Field 185: 600. June 16, 1945. 10 F45
- 16165 WHITEHEAD, S. B. The magnificent magnolias. Field 185: 396. Apr. 21, 1945. 10 F45
- 16166 WHITEHEAD, S. B. Summer care of lawns. Field 185: 655. June 30, 1945. 10 F45
- 16167 WILCOX, R. S. "Mums" for the Northwest. Farmer [St. Paul], Dak. Ed. 63(7): 26. Apr. 7, 1945. 6 F2211D
- 16168 WILSON, H. VAN P. Are your flower borders architecturally sound? Home Gard. 6(2): 69-70, 73-74. Aug. 1945. 80 H756
- 16169 WILSON, W. C. A northland beauty [*Campanula lasiocarpa*]. Natl. Hort. Mag. 24: 220-223. July 1945. 80 N216
- 16170 WOOD, C. W. Learn how to grow *Violas*. Flower Grower 32: 389-390, 412-413. Aug. 1945. 80 M72
- 16171 WOOD, C. W. Some flowers of summer. Amer. Nurseryman 82(4): 12-14. Aug. 15, 1945. 80 Am371
- 16172 WOOD, C. W. Some ornamental plants you should know. Amer. Nurseryman 82(3): 14. Aug. 1, 1945. 80 Am371
- Vegetable and Truck Crops (Including Potatoes)
- 16173 ABITBOL, J. Condiciones de suelo y clima para el cultivo de la papa. Campo [Buenos Aires] 29 (342): 32-33. Apr. 1945. 9 C15
- 16174 ALLEN, E. J. Shortage of food demands gardens. Ark. Agr. Col. Ext. Serv. Rev. 30(7): 1, 4. July 1945. 275.29 Ar4C
- 16175 \*AMARAL, V. S. G. DO. O problema da batata-semente em Portugal. Portugal. Junta Nac. das Frutas. B. 4(2): 18-23; (3): 23-26. (Cont.) Feb., Mar. 1944. 286.3939 P83
- 16176 BLACKWOOD, B. B. Persistence pays gardeners in off years. Farmer-Stockman 58: 264. Aug. 1945. 6 Ok45
- Planting of vegetables.
- 16177 \*BOISCHOT, P. La culture de la pomme de terre en Bretagne. Ann. Agron. [Paris] (n. s.) 10: 386-400. July/Sept. 1940. 14 An75A
- 16178 BRANNAN, R. Problems of midsummer victory gardening. Mich. Hort. Soc. Hort. News 11: 91. Aug. 1945. 80 H7815
- 16179 BURTON, W. G. Anther and petal colour of potato varieties. Nature [London] 155: 733. June 16, 1945. 472 N21
- 16180 CALDWELL, R. M. Gravel-culture tomatoes. Better Crops with Plant Food 29(6): 19-20, 46. June/July 1945. 6 B46
- 16181 CALZADA BENZA, J. Resultados de la experimentación sobre el cultivo de la papa. Lima, Peru, Estac. Expt. Agr. de La Molina. C. 62, 83 p. Lima, 1944. 102.5 L622
- 16182 CAMARGO, L. DE S. Como cultivar o tomateiro. Campo [Rio de Janeiro], Mar. 1945, p. 9-14. 9.2 C15
- 16183 \*CHOUARD, P. Les cultures hâtées dans l'économie rurale. Rev. des Agr. de France 73: 42-44. Feb. 1941. 14 R325
- The forcing of vegetables.
- 16184 \*CHOUARD, P. Les cultures potagères en septembre. Rev. des Agr. de France 73: 261. Sept. 1941. 14 R325
- 16185 CRANE, M. B. Dwarf and bush tomatoes. John Innes B. 1, p. 40-43. n. d. 84 J61J
- 16186 CROWTHER, E. M. Russians overcome late frosts in potatoes. Farmer & Stock-Breeder 59: 1129. July 17, 1945. 10 F228
- 16187 DAVIDSON, B. Horticultural half pints [midget vegetables]. Sat. Evening Post 218(6): 6. Aug. 11, 1945. 110 S
- 16188 DAVILA, D., and MUELLO, A. C. La cebolla. Suelo Argentino 4: 460-461, 465. July 1945. 9 Sd2
- 16189 \*DEPARDON, L. La culture de la pomme de terre en Loir-et-Cher. Ann. Agron. [Paris] (n. s.) 400-405. July/Sept. 1940. 14 An75A
- 16190 ETTINGER, J. Growing of [vegetable], seed in Palestine. Seed World 58(3): 10, 12. Aug. 3, 1945. 61.8 Se52
- 16191 F., G. When the early vegetables are cleared sow and plant for winter. Pop. Gard. 47: 163. July 21, 1945. 80 G1622
- 16192 FERNANDEZ AGUIRRE, E. El cultivo de la papa. Fomento [monthly] 2(19): 9-10, 20, 25. May 1945. 8 F734
- 16193 FITCH, C. L. Potato and onion breeding project. Market Growers J. 74(8): 12, 27. Aug. 1945. 6 M34
- 16194 \*FRANKEL, R. Should we continue to grow sweet potatoes? (In Hebrew.) Hassadeh 25: 315-316. June 1945. 26 H27
- 16195 \*GAROLA, J. Culture de la pomme de terre en Beauce. Ann. Agron. [Paris] (n. s.) 10: 383-386. July/Sept. 1940. 14 An75A
- 16196 GILES, J. E. Investigations into production of vegetables and vegetable seeds in the Red Cliffs district. Austral. Council Sci. and Indus. Res. J. 18: 124-132. May 1945. 514 Au72J
- 16197 \*GRADINAROFF, L. V'rkh podobrenfeto na nashiti polski fasuli (Ueber die verbesserung der buschbohnen--*Phaseolus vulgaris* (L.) Savi in Bulgarien). Spis. Zeml. Izp. Inst. B'lgariia 12: 99-119. July/Dec. 1942. 106.3 R32
- 16198 H., S. J. Modern mushroom growing. Pop. Gard. 47: 171. July 28, 1945. 80 G1622
- 16199 \*HAZERA" ASSOCIATION. Various cauliflower varieties and the new variety "Early bet-alpha." (In Hebrew.) Hassadeh 25: 317. June 1945. 26 H27
- 16200 HILL, H. Boron deficiencies of horticultural crops [vegetables]. Marit. Farmer and Co-op. Dairymen 50(21): 2, 19. Aug. 7, 1945. 7 G77
- 16201 \*HIRT, W. Visite des établissements de la Gemüsebau-A. G. à Tägerwilen (canton de Thurgovie). Rev. Hort. Suisse 18: 17-21. Jan. 1945. 80 R3212
- 16202 HOLLAND, C. A. Production of green peas for canning. Tasmanian J. Agr. 16: 33-38. May 1, 1945. 23 T182T
- 16203 \*HURWITZ, S. Trials for the fixing of harvesting dates of dry beans. (In Hebrew.) Hassadeh 25: 306-308. June 1945. 26 H27
- 16204 ISHELL, C. L. Why blooms but no tomatoes? Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(7): 45. July 1945. 6 P945G
- 16205 JIMENEZ, M. Cultivo de la papa. Vida Rural 8(70): 21. May 1945. 9.4 V66
- 16206 JOHNSTON, W. R., and JOHNSTON, F. J. Real vegetables on one man's roof-top. Home Gard. 6(2): 87-88. Aug. 1945. 80 H756
- 16207 \*JORET, G., and MALTERRE, H. La culture de la pomme de terre dans la Somme. Ann. Agron. [Paris] (n. s.) 10: 405-408. July/Sept. 1940. 14 An75A
- 16208 LAWRENCE, W. J. C. How does seedling treatment affect the tomato crop? John Innes B. 1, p. 9-24. n. d. 84 J61J
- 16209 MATHER, K. How early can sweet corn be sown? John Innes B. 1, p. 38-39. n. d. 84 J61J
- 16210 MATHER, K. What is hybrid sweet corn? John Innes B. 1, p. 32-34. n. d. 84 J61J
- 16211 MATHER, K. What varieties of sweet corn are profitable? John Innes B. 1, p. 35-37. n. d. 84 J61J
- 16212 \*MEENAKSHISUNDARAM, K. A short note on the cultivation of elephant yam (*Amorphophallus campanulatus*). Madras Agr. J. 31: 105-107. Apr. 1943. 22 M262
- 16213 MINGES, P. A. The growers' ten commandments for picking tomatoes. Market Growers J. 74 (8): 23, 29. Aug. 1945. 6 M34



16214 \*NEUER, H. Welche Gemüsearten eignen sich vor allem für den nachfruchtbau. Mitt. f. die Landw. 59: 592-593. July 1, 1945. 18 D48M

16215 \*PILLAI, R. A. The culture of exotic vegetables. Madras Agr. J. 32: 103-110. Mar./Apr. 1944. 22 M262

16216 POE, G. Roguing seed potatoes. Colo. Agr. Expt. Sta. Misc. Ser. Paper 272, p. 2-3. July 1945. 75.8 Sp9

16217 \*QUADRI, C. Was sind Tankkulturen? Schweiz. Gart., No. 11, p. 324-325. Nov. 20, 1944. 80 Sch93

16218 RAPHAEL, T. D. Cabbage trials, with notes on seed production. Tasmanian J. Agr. 16: 46-52. May 1, 1945. 23 T182T

16219 REBOUR, H. La culture rationnelle de la pomme de terre en Algérie en 1945-1946. Algeria. Dir. de l'Agr. Docs. et Renseign. Agr. B. 115, 14 p. Algiers, 1945. 24 AL34

16220 ROCKWELL, F. F. Start now for better vegetables in 1946. Home Gard. 6(2): 27-30. Aug. 1945. 80 H756

16221 \*ROTLIT, Y. Vegetable growing in the hills. (In Hebrew.) Hassadeh 25: 308-311. June 1945. 26 H27

16222 RUFFIN, W. A. Why go hungry? This Month in Rural Ala., Aug. 1945, p. 7. 6 T34  
Grow fall and winter vegetables.

16223 \*SAHER, VON. Künstliche trocknung und nachbau von kartoffeln. Mitt. f. die Landw. 59: 393-394. July 1, 1944. 18 D48M

16224 \*SANKARAM, A. A note on the cultivation of Dioscorea esculenta in the neighbourhood of Anakapalli. Madras Agr. J. 31: 78-81. Mar. 1943. 22 M262

16225 SHAVER, J. H. Corn breeder's approach to mechanical picking. Food Packer 26(9): 68, 70. Aug. 1945. 286.83 G165

Breeding sweet corn hybrids suitable for mechanical picking.

16226 SHEWELL-COOPER, W. E. Tomatoes under glass. Field 185: 371. Apr. 14, 1945. 10 F45

16227 \*SIDORIN, M. Nakoplenie urozhaia u ogorodnogo salata pri razlichnykh sposobakh uborki (Various yields of lettuce by different harvest methods). Vsesoyuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 10(1/2): 14-16. 1945. 20 Akl

16228 SILVA SANCHEZ, J. M. Las papas cultivadas racionalmente producen cosechas sanas y de buen rendimiento. Ecuador. Min. de Econ. Inform. Econ. 1(5): 6. Mar. 1945. 255.5 Ec97

16229 SMITH, R. W. Hints for the victory gardener. 33. Pe-tsai or pak-choi? 34. Endive and chicory. Organic Gard. 7(3): 10-12; (4): 18-22. Aug., Sept. 1945. 56.8 Or3

16230 STERN, W. T. Where did the tomato originate? Gard. Chron. 117: 6, 18-19, 30-31. July 7, 14, 21, 1945. 80 G162

16231 TALBERT, T. J. Late [vegetable] gardens do well. Mo. Ruralist 86(14): 2. July 28, 1945. 6 R8891

16232 \*THOMAS, K. M., RAMAKRISHNAN, T. S., and NARASIMHALU, I. L. Paddy straw mushroom [Volvaria diplasia]. Madras Agr. J. 31: 57-59. Feb. 1943. 22 M262

16233 THOMPSON, R. C. Slobolt for home gardens; market gardeners like USDA new leaf lettuce. South. Seedsman 8(8): 11. Aug. 1945. 61.8 So8

16234 TOMALIN, T. E. Have spring cabbage early. Pop. Gard. 47: 172. July 28, 1945. 80 G1622

16235 TOMALIN, T. E. Outdoor tomatoes--a critical time. Pop. Gard. 47: 164. July 21, 1945. 80 G1622

16236 \*VINCENT, V., BOISCHOT, P., and HERVIAUX, J. La culture des petits pois de conserve dans le Finistère. Ann. Agron. [Paris] (n. s.) 12: 565-599. Oct./Dec. 1942. 14 An754

16237 WALKER, A. H. Are you thinking of an asparagus bed? Family Herald and Weekly Star 76(31): 6. Aug. 1, 1945. 7 F21

16238 WITTROCK, G. L. The Jerusalem artichoke. Organic Gard. 7(3): 13-17. Aug. 1945. 56.8 Or3

16239 \*YANG, C. F., and KOO, S. Y. Reports on experiments on peas. Hsin Nung Lin (Mod. Agr. and Forestry) 3(1): 3-4. Sept. 1944. 22.5 HB5  
In Chinese.

16240 \*Z. Allerlei unarten im gemüsebau. Schweiz. Gart., No. 12, p. 365-366. Dec. 20, 1944. 80 Sch93

#### WEEDS AND POISONOUS PLANTS

16241 ALVES DA SILVA, A. El abrojo grande [Xanthium cavanillesii] debe ser combatido energicamente. Diario Rural, June 14, 1944, p. 8. 9.9 D54

16242 ANGOVE, P. C. Some economic losses due to weeds. So. Austral. Dept. Agr. J. 48: 413-415. May 1945. 23 So84

16243 BAKER, F. Aggressive plants...and weeds that demand attention to control their invasive habits. Gard. Illus. 64: 634. Aug. 1945. 80 G169

16244 BALL, W. S. Take care in using new hormone weed killers. Blue Anchor 22(3): 33. Aug. 1945. 286.83 B62

16245 BEACH, F. H. Protect orchard workers; avoid the misery of ivy poisoning. Amer. Fruit Grower 65(8): 9, 14-15, 17. Aug. 1945. 80 G85

16246 C., T. Prevent ragwort from seeding. Farmers' Gaz. [Dublin] 103: 380. July 7, 1945. 10 F221

16247 ECKLEY, W. O. How to prepare weed specimens. Better Farming Methods 17(6): 14-15, 52. July/Aug. 1945. 58.8 B46

16248 LIEBENBERG, C. Control of weeds in grazing. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 123, 2 p. Pretoria, 1945. 24 So82Pa

16249 MAS GUINDAL, J. Plantas venenosas; las umbelíferas--las especies del género Oenanthe. Panama. Min. de Agr. y Com. Rev. de Agr. y Com. 4(46): 13 15. June 1945. 8 R3291

16250 NORGAAARD, U. J. Easy to kill sweet clover. Dakota Farmer 65(16): 15. Aug. 18, 1945. 6 DL4

16251 PICKWELL, F. C. Revolutionary chemical weed-killer [Sinox]. Manitoba Indus. Topics 5(1): 3-7. May/June 1945. 280.8 M316

16252 POST, A. H., and TRETSVEN, J. O. Fanweed [Thlaspi arvense]--weed or oil crop? Mont. Farmer 32(23): 6, 21. Aug. 1, 1945. 6 M764

16253 STOVALL, J. T. Weed killing brought up to date. N. Mex. Agr. Col. Ext. News 25(7): 4, 6. July 1945. 275.29 N463EX

16254 THONE, F. Growths of evil; unknown protein reaction causes ragweed sensitivity. Chemistry 18(12): 21-22. Aug. 1945. 381 J826A

16255 WEAVER, S. Weeds that wander [Draba muralis and Matricaria discoidea]. Gard. Chron. 118: 42-43. July 28, 1945. 80 G162

16256 WHEBBY, E. T. Violet oxalis, [an undesirable garden plant]. Amer. Rock Gard. Soc. B. 3: 62. July/Aug. 1945. 81 Am342

#### MISCELLANEOUS ECONOMIC PLANTS (Drug, Dye, Rubber, Etc.)

16257 \*BAEHNI, C. Les grandes cultures du monde: le thé. Rev. Hort. Suisse 18: 23-28. Feb. 1945. 80 R3212

16258 \*BALDRATI, I. Si può coltivare la Menta piperita in Etiopia? Agr. Colon. 35: 143-146. Apr. 1941. 26 Ag82

16259 BARLOW, R. O. A modern herbal. VI. Onions, VII. Fennel. Organic Gard. 7(3): 19-22. Aug. 1945. 56.8 Or3



- 16260 ELAIR, E. M., and FORD, T. F. Castilla as a Western Hemisphere rubber. *Indus. and Engin. Chem., Indus. Ed.* 37: 760-766. Aug. 1945. 381 J825
- 16261 BRANDÃO, J. S. O sombreamento dos nossos cafeais. *Rev. Rural Bras.* 25(296): 58-59. Apr. 1945. 9.2 B733
- 16262 \*CHOUDHARI, B. L. A study of the cultivation of pan at Chhulkhadan. *Madras Agr. J.* 33: 49-55. Mar./Apr. 1945. 22 M262
- Piper beetle.
- 16263 CHRISTENSEN, C. W. Wild mushrooms are good to eat. *Minn. Hort.* 73: 99-101. Aug. 1945. 81 M66
- 16264 CONDE THILLET, M. El cultivo de la yuca. *Rev. de Agr., Indus. y Com. de Puerto Rico* 35: 166-169. May/Dec. 1944. 8 R325
- 16265 COOPER, N. The seasonal production of agar in *Gelidium cartilagineum*, a perennial red alga. *U. South. Calif. Abs. Diss.* 1944: 18-20. 241.8 Un32
- 16266 \*DATTA, S. C. Medicinal plants in Chitral State. *Sci. and Cult.* 10: 519-523. June 1945. 475 Sci24
- 16267 DEVOTO, F. E. El cultivo de los "palos borrachos" [Chorisia] puede significar una nueva fuente económica. *Chacra* 15(177): 24-26. July 1945. 9 C34
- 16268 DUQUE, J. P. Cultivo del cafeto. *Rev. de Agr. [Santo Domingo]* 35: 59-68. May/June 1944. 8 R323
- 16269 ESCOBAR, A. El tepopote [Ephedra]. *Agr. Mex.* 61(3): 27. Mar. 1945. 8 Ag8
- 16270 \*GRIEBEL, C. Mönchspfeffer [Vitex agnuscatus], als pfefferersatz. *Z. f. Untersuch. der Lebensmtl.* 85: 511-515. June 1943. 384 Z39
- 16271 \*LEUCOS. Plantas medicinales. La genciana. *Surco [Madrid]* 4(39): 10-11. May 1945. 15 Su7
- 16272 \*NAMBIAR, K. K. A new variety of Dolichos lablab and its economic value. *Madras Agr. J.* 31: 103-104. Apr. 1943. 22 M262
- 16273 NIERENSTEIN, M. Note on the Hottentot fig tree. *Internatl. Soc. Leather Trades' Chem. J.* 29: 168. July 1945. 303.9 Sol2
- Mesembryanthemum edule* (considered by the author as *Carpobrotum edulis*).
- 16274 NOVELO F., E. El manihot utilissima (Yuca amarga), su plantación, cultivo y elaboración del almidón. *Fomento [monthly]* 2(19): 7-8, 23. May 1945. 8 F734
- 16275 OVALLE V., C. A. Tópicos sobre injertación del Hevea brasiliensis. *Guatemala. Dir. Gen. de Agr. Rev. Agr. (ser. 2)* 1: 389-391. Apr. 1945. 8 G934
- 16276 LAS PLANTAS alimenticias del nuevo mundo. (ensayos de un experto [R. V. Wilcox] demostrando las grandes posibilidades para el intercambio americano de post-guerra). *Pampa Argentina* 19(214): 25. June 1945. 9 P19
- 16277 RAMOS, P. Cultura do chá em Ouro Preto. *Chacaras e Quintais* 71: 490-492. Apr. 15, 1945. 9.2 C34
- 16278 \*SANKARAM, A. Cultivation of tapioca in the Vizagapatam District. *Madras Agr. J.* 30: 405-408. Dec. 1942. 22 M262
- 16279 SANTOS BILLOT, J. El "maroma" árbol cau-chífero del noroeste argentino, ya ha sido denominado científicamente [Ficus maroma]. *Campo [Buenos Aires]* 29(342): 42. Apr. 1945. 9 C15
- 16280 \*THOMAS, K. M., and RAMAKRISHNAN, T. S. Experiments on ergot production in Madras. *Madras Agr. J.* 30: 405-408. Dec. 1942. Ref. 22 M262
- 16281 \*TOMUR, K., and ARSAN, E. N. Çay muayene ve tağşişine aid incelemelerden: Anadolu otunun *Vaccinium arctostaphylos* L. sp. 503 özellikleri ve tanınması hakkında bazı tesbitler (A new plant used in the falsification of tea (*Vaccinium arctostaphylos* L.). Contribution to its recognition and its distinction from tea). *Turkey. İhisarlar Tütün Inst. Raporları* 3: 147-154. 1944. Ref. 69.8 T842

- 16282 \*TOZZI, R. Note sulla coltivazione del caffè nella regione di Bacà. *Agr. Colon.* 36: 209-214. Aug. 1942. 26 Ag82

- 16283 WEBSTER, C. C. Tung notes and abstracts: stratification of tung seed. *Nyasaland Agr. Q. J.* 5: 37-39. Apr. 1945. 24 N983

## SOILS AND FERTILIZERS

### SOIL SCIENCE

#### Soil Physics

- 16284 \*BOIANOV, P. Nov metod za opredelivane obemnoto teglo na pochvata (A new method for determining volume weight of the soil). *Spis. Zeml. Isp. Inst. B'lgariia* 11: 51-54. 1941. 106.3 R32
- English summary.
- 16285 \*BOIANOV, P. Prinos k'm prouchvane vodnitie svoistva na B'lgarskitie pochvi. III. Promieni v obema na pochvata pod vlianie na vodata [Contribution to the knowledge of water properties of Bulgarian soils. III. Volume changes of soils under the influence of water]. *Spis. Zeml. Isp. Inst. B'lgariia* 12: 133-146. 1942. 106.3 R32
- 16286 \*BOIKOV, P. Vodopropusklivost' i dvizhenie na kapilarnata voda v kesteniavata stepna pochva i shokoladotsvetniiia chernozem v severna B'lgariia [Permeability and movement of capillary water in chestnut-colored Steppe soils and chocolate-colored Chernozem soils of northern Bulgaria]. *Spis. Zeml. Isp. Inst. B'lgariia* 12: 121-132. 1942. 106.3 R32
- 16287 DREIBELBIS, F. R. A summary of soil-moisture data useful in soil- and water-conservation investigations. *Amer. Geophys. Union. Trans.* (1944) 25: 1041-1047. 1945. Ref. 330.9 Am3
- 16288 HUBERTY, M. R. Compaction in cultivated soils. *Amer. Geophys. Union. Trans.* (1944) 25: 896-899. 1945. 330.9 Am3
- 16289 JOHNSTON, J. R. An accurate method for determining volume of soil clods. *Soil Sci.* 59: 449-452. June 1945. 56.8 So3
- 16290 MILLER, J. C. Soil moisture determination. *Calif. Cult.* 92: 414. Aug. 4, 1945. 6 C12

#### Soil Chemistry and Mineralogy

- 16291 \*BAI, G. S., DOSS, K. S. G., and RAO, B. S. A comparative study of the dispersing powers of sodium and ammonium hydroxides with reference to the dispersion of Mysore black cotton soil and the Hebbal soil. *Madras Agr. J.* 33: 11-15. Jan./Feb. 1945. 22 M262
- 16292 CARLETON, R. M. Why bother about pH? *Home Gard.* 6(2): 41-43. Aug. 1945. 80 H756
- 16293 COWART, E. Soil testing laboratory facilities to be enlarged as beginning period shows need. *Miss. Farm Res. [Miss. Sta.]* 8(7): 1, 2. July 1945. 100 M69M1
- 16294 \*DECOUX, L., and SIMON, M. L'activité du laboratoire d'analyses de terre de l'institut betteravier de 1937 à 1943. *Inst. Belge pour l'Amélior. de la Betterave. P.* 12: 389-391. July/Aug. 1944. 66.9 In7
- 16295 \*DROUINEAU, G. Recherches sur la répartition et la fixation de l'acide phosphorique dans un profil de sol brun calcaire recevant de fortes fumures phosphatées. *Ann. Agron. [Paris] (n. s.)* 10: 245-255. Apr./June 1940. 14 An75A
- 16296 \*GATTA, L. DELLA. Conoscenze attuali sulla costituzione e composizione dei terreni agrari della Libia. *Agr. Colon.* 34: 148-152. Apr. 1940. Ref. 26 Ag82



- 16297 LAURIE, A. Is soil testing the answer? Amer. Rose Mag. 6: 212-214. July/Aug. 1945. 80 Am327A
- 16298 LOVE, S. K. Cation-exchange in ground-water contaminated with sea-water near Miami, Florida. Amer. Geophys. Union. Trans. (1944) 25: 951-955. 1945. 330.9 Am3
- 16299 \*RADOMIROV, P. Izsledvanija otnosno vlijanieto na lištnata oran' v "rkhu dostupnitie za rastenijata P<sub>2</sub>O<sub>5</sub> i N [Research on the influence of summer plowing on the content of soluble P<sub>2</sub>O<sub>5</sub> and N in the soil]. Spis. Zeml. Izp. Inst. B"lgarija 11(3): 59-66. 1941. Ref. 106.3 R32
- 16300 \*SEN, A. The behaviour of the yellow colour of soil extracts and the possibility of a new rapid method of estimating iron in them. Indian Chem. Soc. J., Indus. & News Ed. 7: 151-152. 1944. 385 In27A
- 16301 TINSLEY, J., and PIZER, N. H. The Morgan rapid method of soil testing. Pt. III. Use of the Spekker absorptiometer for estimating potassium. Soc. Chem. Indus. J. 64: 182-187. June 1945. 382 M31
- 16302 VANDERLINDEN, L. Pasture soil analysis. New Agr. 27(10): 5. July 1945. 66.8 Su32
- 16303 VANDERLINDEN, L. Quantitative soil analysis. New Agr. 27(10): 5. July 1945. 66.8 Su32  
Summary of analyses of soil and product grown, showing relationship between elements in each.
- 16304 W., E. T. Acidity in the rock garden. Amer. Rock Gard. Soc. B. 3: 49. July/Aug. 1945. 81 Am342

#### Soil Biology

- 16305 BURRIS, R. H., and WILSON, P. W. Biological nitrogen fixation. Ann. Rev. Biochem. 14: 685-708. 1945. Ref. 381 An7
- 16306 CHERNYAK, B. Substitutes for nitrogen fertilizers. Agr. Com. Amer.-Soviet Friendship. Release 13, 1 p., processed. Apr. 15, 1945. 20 Ag89  
Study of nitrogen-producing bacteria.
- 16307 \*DEMOLON, A., and DUNEZ, A. Recherches sur la culture des légumineuses (4<sup>e</sup> mémoire). Ann. Agron [Paris] (n. s.) 10: 366-382. July/Sept. 1940. 14 An75  
Nitrogen fixation by legumes.
- 16308 JONES, J. P. Legumes harness bacteria. Soil Conserv. 11: 45-46. Aug. 1945. 1.6 So38
- 16309 S., W. C. One plant feeds another. Pop. Gard. 47: 156. July 14, 1945. 80 G1622  
Nitrogen fixation by legumes.
- 16310 \*WAGENAAR, M. Der regenwurm, der beste düngerzeuger. Schweiz. Gart., No. 11, p. 337-338. Nov. 20, 1944. 80 Sch93

#### Soil-Plant Relationships and Soil Requirements

- 16311 \*CHAMINADE, R. Sur une méthode d'étude de la nutrition minérale de la plante; appréciation des réserves du sol. Ann. Agron. [Paris] (n. s.) 12: 240-250. Apr./June 1942. 14 An75A
- 16312 FREE, M. Soil moisture is the medium by which plants are fed. Home Gard. 6(2): 56-61. Aug. 1945. 80 H756
- 16313 LATIMER, W. J., and DILLER, J. D. Response of young Asiatic chestnut trees on different soil types in eastern Maryland. J. Forestry 43: 510-512. July 1945. 99.8 F768
- 16314 \*SUSPLUGAS, J. Le sol et la végétation dans le Haut-Vallespir (Pyrénées-Orientales). (Abs.) Ann. des Sci. Nat., Bot. (ser. 11) 4: 138. 1943. 450 An75
- 16315 TOLLEY, H. R. Better diet through soil conservation. Soil Conserv. 11: 27-31. Aug. 1945. 1.6 So38

#### Soil Genesis, Formation, Classification, and Mapping

- 16316 \*ALINARI, E. Il valore della copertura morta per il terreno forestale. Riv. Forest. Ital. 3(6): 21-29. June 1941. 99.8 R522
- 16317 CABRER MESTRE, P. Los suelos de Cuba y la agricultura científica. B. de Inform. Agr. del Gobierno Prov. de Las Villas 17(128): 26-28. Apr./June 1945. 8 Sa53
- 16318 \*DEMOLON, A., and BASTISSE, E. M. Observations lysimétriques sur l'évolution d'un sol de limon. Ann. Agron. [Paris] (n. s.) 10: 215-230. Apr./June 1940. 14 An75A
- 16319 ESCOBAR, A. Origen de la arcilla. Agr. Mex. 61(4): 28-29. Apr. 1945. 8 Ag8
- 16320 \*KILLIAN, C. Sols de forêt et sols de savane en Côte d'Ivoire; leurs caractères pédologiques, chimiques, physiques et microbiologiques. Ann. Agron. [Paris] (n. s.) 12: 600-632. Oct./Dec. 1942. 14 An75A
- 16321 LEWIS, H. G. Los suelos de páramo de Colombia. Agr. Trop. 1(5): 35-38. June 1945. 26 Ag8
- 16322 MACGREGOR, J. M., and WYATT, F. A. Studies on Solonetz soils of Alberta. Soil Sci. 59: 419-435. June 1945. 56.8 So3
- 16323 \*SOZIO, S. Rilievo agrologico dell'agro di Sciaradda ai fini di una possibile colonizzazione demografica. Cong. Internaz. di Agr. Trop. e Subtrop., 8, Tripoli, 1939. [P.] 2: 687-696. 26 In863
- 16324 \*VENKATARAMIAH, B. P. Soils of the Madras Presidency. Madras Agr. J. 32: 197-203. Aug./Oct. 1944. 22 M262

#### SOIL MANAGEMENT

- 16325 ALARCON, P. J. Como deben dividirse los suelos por razon de su pendiente. Agr. Trop. 1(3): 33-37. (Cont.) Apr. 1945. 26 Ag8  
Suitable uses of land as determined by degree of slope.
- 16326 BLACKMON, G. H. Planned pecan management pays. Fla. Grower 53(8): 2. Aug. 1945. 80 F6622  
Soil management.
- 16327 BUTLER, G. D. The local problem of soil maintenance. So. Austral. Dept. Agr. J. 48: 429-430. May 1945. 23 So84
- 16328 COHEE, M. E. A veteran makes a plan. Soil Conserv. 11: 39-44. Aug. 1945. 1.6 So38  
Plan for correct land use and conservation farming.
- 16329 \*MEISNER. Boden- und saatenpflege im frühjahr 1943. Landesbauernschaft Moselland. Wchnbl., No. 15, p. 240. Apr. 1943. 18 L2328
- 16330 TURK, H. A conservation farm plan. Ga. "Ag Engin." 16: 17-18. 1945. 290.9 G29

#### Soil Fertility

- 16331 ALBRECHT, W. A. Soil fertility and food quality. Ind. State Dairy Assoc. Ann. Rpt. (1945) 55: 18-25. 44.9 In22
- 16332 ALLEN, E. J. Cover crops and fertilizers in peach orchards. Ark. Farmer 47(8): 9, 19. Aug. 1945. 6 Ar42
- 16333 AIMADA SAPRIZA, H. En defensa de los naranjales. III. Paraguay. Min. de Agr. Rev., No. 7, p. 17-20. Mar. 1945. 9.7 Ag8Re  
Importance of increasing the supply of nitrogen through the restoration of humus to the soil.
- 16334 \*AMANDAN, KRISHNASWAMY, V., and SRINIVASAN, V. Manuring successive crops of rice with ammonium sulphate and super phosphate. Madras Agr. J. 31: 219-223. Aug. 1943. 22 M262
- 16335 BAKER, G. O. Results obtained from the use of nitrogen fertilizers on wheat; Agronomy Department, University of Idaho, Moscow. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 99, processed. 57.9 N217
- 16336 BEAUCHAMP, C. E. Las tierras cultivadas. Vaqueros 5(5/7): 26. May/July 1945. 43.8 V41  
Loss of soil fertility under continuous cultivation.



- 16337 BLACK, C. A., and others. The response of corn and small grains to nitrogen fertilization in Iowa. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 74-77, processed. 57.9 N217  
K. Lawton, H. R. Meldrum, and C. A. Bower, joint authors.
- 16338 \*BOBKO, E., and ANDREEVA, N. Povyshenie urozhaiâ semian liutserny s pomoshch'iu bornykh udobrenii v usloviakh Kirgizii (The increase of yields of alfalfa seeds due to boron fertilizers in the Kirghiz Republic). Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9(11/12): 18-20. 1944. 20 Akl
- 16339 BOUQUET, A. G. B. Time marches on and with it better processing crops. Canner 101(11): 16. Aug. 11, 1945. 286.83 G16  
Chiefly on fertilizing practices.
- 16340 \*BRANAS, J. Remarques sur la fumure de la vigne. IV. Prog. Agr. et Vitic. 62(1/4): 5-8. Jan. 7/28, 1945. 14 P94
- 16341 BROWN, G. G. Commercial fertilizer usage in Hood River Valley, (Oregon) with special reference to nitrogen. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 91-98, processed. 57.9 N217
- 16342 \*BS., FD. Kulturmüder boden. Schweiz. Gart., No. 12, p. 366-367. Dec. 20, 1944. 80 Sch93
- 16343 BURNETT, L. C. Varietal response of oats to nitrogen levels in the soil. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 77-81, processed. 57.9 N217
- 16344 CHADWICK, L. C. Nitrogen utilization trials with highway plantings and woody ornamentals. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 115-116, processed. 57.9 N217
- 16345 CHADWICK, L. C. Ornament plants [use of fertilizers]. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 112-114, processed. 57.9 N217
- 16346 \*CHAO, Y. C., and TSU, C. W. A preliminary report on the effect of fertilizing materials on the composition of vegetables. Hsin Nung Lin (Mod. Agr. and Forestry) 3(1): 27-34. Sept. 1944. 22.5 H85  
In Chinese with English summary.
- 16347 CLARK, N. M. Are we starving to death? Sat. Evening Post 218(9): 14-15, 88, 91. Sept. 1, 1945. 110 S  
Relation between soil condition and human nutrition and health.
- 16348 COLLISON, R. C. Tests of ammonium nitrate in New York orchards. Ill. State Hort. Soc. News Let., No. 5, p. 2-4. Aug. 1945. 81 IL6N
- 16349 CORREA, A. El uso de abono orgánico en los cafetos. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 132-139. May/Dec. 1944. 8 R325
- 16350 \*D. Warum kartoffelkalkung? Landesbauernschaft Moselland. Wchnbl., No. 21, p. 307. May 22, 1943. 18 L2328
- 16351 DANIEL, P. DE V. Value of nitrogen in fruit production. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 136, 2 p. Pretoria, 1945. 24 So82Pa
- 16352 DODD, D. R. Returns from ammonium nitrate on hay and pasture in southeastern Ohio in 1944. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 47-49, processed. 57.9 N217
- 16353 DONALDSON, R. W. Fall topdressing. New England Homestead 118(16): 6-7. Aug. 25, 1945. 6 N442
- 16354 \*DUNKER, R. Die düngung unserer hackfrüchte. Landesbauernschaft Moselland. Wchnbl., No. 17, p. 263. Apr. 24, 1943. 18 L2328  
Fertilizing of potatoes and beets.
- 16355 E., V. Help the land with green manure. Pop. Gard. 47: 188. Aug. 11, 1945. 80 G1622
- 16356 \*GAROLA, J. Observations et expériences sur le rôle de la fumure azotée en Beauce. Ann. Agron. [Paris] (n. s.) 10: 231-244. Apr./June 1940. 14 An75A  
Effects on soils and crops.
- 16357 GOURIEV, J. H. Suggestions of subcommittee on fruits and ornamentals. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 107-112, processed. 57.9 N217  
Use of fertilizers.
- 16358 GRATZ, L. O. Science saves Glades farming. Fla. Grower 53(8): 10, 15. Aug. 1945. 80 F6622  
Importance of fertilizers in Florida vegetable production.
- 16359 GRIESBACH, L. What science can do for pastures. Marit. Farmer and Co-op. Dairyman 50(22): 19, 42. Aug. 21, 1945. 7 C77  
Pasture management, particularly fertilizing.
- 16360 HALE, O. The robust plant. Northwest Gard. 13(6): 3. Aug. 1945. 80 N813  
Relation between soil fertility and health of plants.
- 16361 HAWTHORN, L. R. Fertilizer experiments having a bearing on nitrogen utilization by vegetable crops in some western States. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 117-119, processed. 57.9 N217
- 16362 HICKS, O. C. Science improves crops and soils. Marit. Farmer and Co-op. Dairyman 50(22): 39. Aug. 21, 1945. 7 C77
- 16363 HIDE, J. C., ANDERSON, K. L., and KRENZIN, R. E. Fertilizers on bromegrass at Manhattan, Kansas. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 57-60, processed. 57.9 N217
- 16364 \*HÖLLER, Erhaltung der bodenfruchtbarkeit heute besonders wichtig! Landesbauernschaft Moselland. Wchnbl., No. 20, p. 298. May 15, 1943. 18 L2328
- 16365 HOWARD, SIR A. Farming and gardening for health or disease. Veg. Messenger and Health Rev. 42: 157-160. (Cont.) Aug. 1945. 389.8 V522  
Importance of humus fertilizers to soil fertility and to the health of plants and humans.
- 16366 \*IL'IN, S. Zelenye udobreniia v Tatarskoï ASSR (Green manures in the Tartar ASSR). Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9 (11/12): 21-25. 1944. 20 Akl
- 16367 \*JAVILLIER, M. Les besoins alimentaires des végétaux cultivés et les engrais chimiques. Assoc. des Chim. B. 61: 109-121. Mar./Apr. 1944. 383 As7
- 16368 JONES, R. J. The utilization of nitrogen with nonlegume green manure crops. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 12-16, processed. 57.9 N217
- 16369 KRANTZ, B. A. Increasing feed crop production in the South. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 26-42, processed. 57.9 N217
- 16370 LANG, A. L. 1944 results of nitrogen studies, soil experiment fields, Illinois Agricultural Experiment Station. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 81-84, processed. 57.9 N217
- 16371 LUNT, H. A. Response of hybrid poplars to nitrogen. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 103-104, processed. 57.9 N217
- 16372 LUNTZ, R. J. Report of the subcommittee on forestry. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 102, processed. 57.9 N217  
Use of fertilizers in forestry.
- 16373 M., E. Start feeding the outdoor tomatoes. Pop. Gard. 47: 178. Aug. 4, 1945. 80 G1622
- 16374 McDONALD, M. P. Mejores cosechas si usted hace estudiar la tierra mediante el analisis científico. B. de Inform. Agr. del Gobierno Prov. de Las Villas 17(127): 31. Jan./Mar. 1945. 8 Sa53  
Importance of maintaining soil fertility and controlling insect pests.
- 16375 MELLO, P. S. Restauração dos cafezais. DNC; Rev. do Dept. Nac. do Café [Brazil], 13: 333-335; 487-490. Mar.-Apr. 1945. 286.83 D44  
Restoration of fertility to the soil.



- 16376 MORAS TH., M. DE. Fertilización del trigo. Unión Agr. del Sur 3(17): 34, 35. May 1945. 9.3 Un3
- 16377 NATIONAL FERTILIZER ASSOCIATION. Small grains need fertilizer. Natl. Fert. Assoc. Pam. 139, 7 p. Washington, D. C., 1945. 57.9 N212P
- 16378 NATIONAL JOINT COMMITTEE ON NITROGEN UTILIZATION. COMMITTEE ON THE USE OF FERTILIZERS IN THE PRODUCTION OF GRASS SEED IN THE SOUTHERN GREAT PLAINS. Report. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 61-68, processed. 57.9 N217
- 16379 NATIONAL JOINT COMMITTEE ON NITROGEN UTILIZATION. SUBCOMMITTEE ON GREEN MANURES, COVER CROPS, AND CROP RESIDUES. Report. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 6-12, processed. 57.9 N217
- 16380 NATIONAL JOINT COMMITTEE ON NITROGEN UTILIZATION. SUBCOMMITTEE ON NITROGEN UTILIZATION ON HAYLANDS AND PASTURES. Report. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 42-47, processed. 57.9 N217
- 16381 NETTO, J. E. DE P. Considerações gerais sobre a fertilidade da "terra-roxa-legítima" e o reerguimento da lavoura cafeeira nesse solo. São Paulo (State). Supt. dos Serv. do Café. B. 20: 294-304. Mar. 1945. 68.29 Sa63
- 16382 PADEN, W. R. Summary of results with corn and small grains in Southeastern States. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 68-74, processed. 57.9 N217
- 16383 PINCK, L. A., ALLISON, F. E., and GADDY, V. L. The utilization of nitrogen in the building up of soil organic matter. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 16-25, processed. 57.9 N217
- 16384 PITT, J. M. Well planned crop rotations, to build up the fertility of cultivation land on the Manning and Macleay Rivers and surrounding districts. Agr. Gaz. N. S. Wales 56: 148-150. Apr. 1, 1945. 23 N472
- 16385 POWERS, W. L. Economic use of nitrogen carriers in improving production of Willamette Valley soils. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 89-91, processed. 57.9 N217
- 16386 \*RECH, and DAMMERTZ. Wie düngt heute der moselländische Bauer? Landesbauernschaft Moselland. Wchnbl., No. 8, p. 127. Feb. 20, 1943. 18 L2328
- 16387 REICHAERT, M. A. L. Algunas formas de acrecentar la productividad de los suelos. Corp. Frutícola Argentina. Rev. Ofic. 11(126): 11-14. June 30, 1945. 83 C81
- 16388 RHOADES, H. F. Use of nitrogen fertilizer for corn on irrigated land in Nebraska. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 84-87, processed. 57.9 N217
- 16389 RICHARD, J. Quelques conseils pratiques aux producteurs de tabac jaune. Terre de Chez Nous 17(40, 1. e. 41): 7. July 18, 1945. 7 T27
- Use of cover crops and fertilizers.
- 16390 \*SALGUES, R. Études sur l'action de fumures azotées et phosphoriques en horticulture fruitière dans le midi de la France. Ann. Agron. [Paris, (n. s.) 10: 256-268. Apr./June 1940. 14 An75A
- 16391 SCARSETH, G. D. Starvation with a full stomach. Nation's Agr. 20(7): 5, 8. July/Aug. 1945. 280.82 B89
- Relation between soil quality and the health of animals and people.
- 16392 \*SCHENK, H. Die verwendung des organischen wirtschaftseigenen düngers zur erhaltung der fruchtbarkeit unserer böden. Landesbauernschaft Moselland. Wchnbl., No. 9, p. 141-142. Feb. 27, 1943. 18 L2328
- 16393 \*SCHENK, H. Zweckmässige verwendung der handelsdüngemittel in der erzeugungsschlacht. Landesbauernschaft Moselland. Wchnbl., No. 13, p. 207-208. Mar. 27, 1943. 18 L2328
- 16394 \*SCHMIDT, B. Erdbeeren nach der ernte düngen. Schweiz. Gart., No. 9, p. 272-273. Sept. 20, 1944. 80 Sch93
- 16395 SCHMIDT, U. W. Maintenance of soil fertility. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 133, 2 p. Pretoria, 1945. 24 So82Pa
- 16396 SCOTT, W. M. The pathogenesis of the soil -- a plea. Vet. J. 101: 156-159. July 1945. 41.8 V643
- Relation of the soil to animal and human health.
- 16397 SELL, O. E. Summary of results with nitrogen experiments on pastures at the Georgia Experiment Station. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 51-52, processed. 57.9 N217
- 16398 SEVERSON, H. Sericea and kudzu life-savers of the soil. Seed World 58(4): 12, 14. Aug. 17, 1945. 61.8 Se52
- 16399 SHAW, R. S. Progress at Maple View farm. R. I. State Col. Ext. Better Rural Life 6(7): 1, 2, 4. July 1945. 275.29 R34B
- Results of soil-improvement program.
- 16400 STEPHENSON, R. E. Health and profit from the soil. Calif. Cult. 92: 418. Aug. 4, 1945. 6 C12
- Relation of the soil to plant quality and animal health.
- 16401 THORNE, D. W. Report on wheat and barley. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 100-101, processed. 57.9 N217
- Use of nitrogen fertilizers.
- 16402 USE OF nitrogen for corn and small grains. Oklahoma, by H. W. Harper; Arkansas, by R. P. Bartholomew. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 87-88, processed. 57.9 N217
- 16403 VOWLES, N. The rule of returns in farming. So. Austral. Dept. Agr. J. 48: 426-428. May 1945. 23 So84
- Relation between the soil and animal and human health.
- 16404 WARE, L. M. Effect of cultivation and fertilization on the growth of pine trees. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 104-106, processed. 57.9 N217
- 16405 WHITE, H. F. Our failing pastures. Past. Rev. 55: 431-432. June 16, 1945. 23 Au75
- Importance of organic matter for soil fertility.
- Soil Tillage and Tillage
- 16406 \*BALDONI, R. Osservazioni sulla baulatura dei terreni di piano dell'Emilia. Ital. Agr. 80: 91-98. Feb. 1943. 16 It1
- System of treatment of wet, heavy soils to improve drainage and aeration.
- 16407 CHANDLER, W. H. Small cultivated areas around trees in sod. Natl. Shade Tree Conf. Proc. (1944) 20: 229-230. 99.9 N218
- Discussion, p. 230-236.
- 16408 ESCOBAR, A. Arrope de las tierras. Agr. Mex. 61(3): 20-21. Mar. 1945. 8 Ag8
- 16409 FALOON, D. B. How necessary is deep bed preparation? Amer. Rose Mag. 6: 237-238. July/Aug. 1945. 80 Am327A
- 16410 FEDERICO, T. El laboreo de las viñas. Vinos, Viñas y Frutas 40: 388-389, 390. May 1945. 9 Ag89
- Methods of preparing and cultivating the soil.
- 16411 HARTMAN, E. A. Subsurface tillage lowers costs and increases yields. Nebr. Farmer 87(16): 5. Aug. 18, 1945. 6 N27
- 16412 \*KATZ, A. Seasonal directions relating to falha in June. (In Hebrew.) Hassadeh 25: 305. June 1945. 26 H27
- 16413 \*M., J. Von der wichtigkei der bodenlockerung. Schweiz. Gart., No. 9, p. 276-277. Sept. 20, 1944. 80 Sch93
- 16414 NEWELL, J. What is the use of hoeing? John Innes B. 1, p. 3-6. n. d. 84 J61J
- 16415 \*RODEHÜSER. Rechtzeitige saatzfurche schützt vor auswinterung. Landesbauernschaft Moselland. Wchnbl., No. 34, p. 444. Aug. 21, 1943. 18 L2328



- 16416 SINNOCK, E. P. Mulling over mulching. *Amer. Rose Mag.* 6: 218-219. July/Aug. 1945. 80 Am327A
- 16417 SOUZA, W. W. C. DE. Abaixo o arado. *Ob-serv. Econ. e Financ.* 9(97): 57-58. Feb. 1944. 280.8 Ob72
- Criticism of E. H. Faulkner's ideas on plowing.
- 16418 WALKOF, C. How about hoeing and cultivat-ing. *Country Guide* 64(8): 22-23. Aug. 1945. 7 G76
- Drainage, Irrigation, Water Supply, and Flood Control
- 16419 ALLEN, J. H. The Interstate Commission on the Delaware River Basin and the O'Mahoney-Milli-kin Amendments. *Natl. Reclam. Assoc. Proc.* (1944) 13: 143-144. 55.9 N212
- Amendments providing for State participation in Fed-eral control of water resources.
- 16420 AMERICAN GEOPHYSICAL UNION. ANNUAL MEETING, 25, WASHINGTON, 1944. *Transactions. Pt. 5...Re-ports, Section of Hydrology*, p. 671-829. 1945. 330.9 Am3
- Includes reports of committees on precipitation, transpiration and evaporation, infiltration, physics of soil moisture, ground water, land erosion, hydro-logic regions of the United States, runoff, snow, and dynamics of streams.
- 16421 APPLIGATE, P. W. Legal protection of wa-ter rights. *Kans. State Bd. Agr. Rpt.* 64(266): 91-97. Apr. 1945. 2 K13Re
- 16422 BASHORE, H. W. Reclamation looks at the post-war era. *Natl. Reclam. Assoc. Proc.* (1944) 13: 65-70. 55.9 N212
- 16423 BAYMA, A. DA C. Irrigação mecânica no nordeste [of Brazil]. *Observ. Econ. e Financ.* 9(97): 30-40. Feb. 1944. 280.8 Ob72
- 16424 BRANDT, A. H. The North Dakota Reclama-tion Association. *Natl. Reclam. Assoc. Proc.* (1944) 13: 156-158. 55.9 N212
- 16425 \*CANCELLARA, E. Un nuovo tipo di traversa in legname per derivazioni da corsi d'acqua. *Ital. Agr.* 79: 96-105. Feb. 1942. 16 It1
- 16426 \*CAVANILLAS, L. Las dotaciones de riego y las experiencias en lisímetros. *Agricultura Ma-drid*, 14: 227-230. May 1945. 15 Ag84
- 16427 CLARK, C. O. Flood-storage accounting. *Amer. Geophys. Union. Trans.* (1944) 25: 1014-1023. 1945. 330.9 Am3
- Discussion, p. 1023-1030.
- 16428 COULTER, J. L. Why irrigate more land? *Natl. Reclam. Assoc. Proc.* (1944) 13: 103-124. 55.9 N212
- 16429 DAVISON, J. R. The effect of soil condi-tion on damage caused by spring frosts in parts of the Murrumbidgee Irrigation Area. *Agr. Gaz. N. S. Wales* 56: 243-245. June 1, 1945. 23 N472
- 16430 \*DESIO, A. Le acque profonde della Libia e la loro importanza per l'agricoltura. *Agr. Colon.* 34: 328-330. Aug. 1940. 26 Ag82
- 16431 D'EWART, W. A. The Montana Reclamation Association. *Natl. Reclam. Assoc. Proc.* (1944) 13: 147-149. 55.9 N212
- 16432 FAUVER, J. R. Some problems of the Central Valley Project in California. *Natl. Reclam. Assoc. Proc.* (1944) 13: 184-194. 55.9 N212
- 16433 GARDNER, R. "Adobe spots," "slick spots," "soil spots," or "bad spots." *Colo. Agr. Expt. Sta. Misc. Ser. Paper* 272, p. 3-4, processed. July 1945. 75.8 Sp9
- Alkali spots in soils, and methods of reclaiming them.
- 16434 GARSTKA, W. U. Hydrology of small water-sheds under winter conditions of snow-cover and fro-zen soil. *Amer. Geophys. Union. Trans.* (1944) 25: 838-871. 1945. 330.9 Am3
- Discussion, p. 871-874, 1060.
- 16435 GILSON, W. I. The Texas Water Conserva-tion Association. *Natl. Reclam. Assoc. Proc.* (1944) 13: 160-161. 55.9 N212
- 16436 GRAY, J. M. The Kansas Reclamation Association. *Natl. Reclam. Assoc. Proc.* (1944) 13: 153-154. 55.9 N212
- 16437 GREACEN, E. L. Low pressure underground, pipelines, improved irrigation control. *C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newslet.*, No. 5, p. 2-3. June 1945. 55.9 G87
- 16438 HAGIE, F. O. A battle for more food, that was won; a review of irrigation war food projects. *Natl. Reclam. Assoc. B.*, v. 11, No. 13, 3 p., proc-essed. Aug. 17, 1945. 54.9 N212
- 16439 HAMBLYN, C. J. Mole drainage. *New Zeal. Dept. Agr. B.* 170, 15 p. Wellington, 1945. 23 N48Bu
- 16440 HANSLOW, H. Use and control of water for irrigation. *Victoria. Dept. Agr. J.* 43: 255-258. June 1945. 23 V66J
- 16441 HARDING, S. T. What modified policies will post-war reclamation demand? *Natl. Reclam. Assoc. Proc.* (1944) 13: 212-218. 55.9 N212
- 16442 HARPER, S. O. Preparations for the Bureau's [U. S. Bureau of Reclamation] post-war con-struction program. *Natl. Reclam. Assoc. Proc.* (1944) 13: 174-180. 55.9 N212
- 16443 HILL, T. B. The Washington State Reclama-tion Association. *Natl. Reclam. Assoc. Proc.* (1944) 13: 158-160. 55.9 N212
- 16444 HOOVER, M. D. Effect of removal of forest vegetation upon water-yields. *Amer. Geophys. Union. Trans.* (1944) 25: 969-975. 1945. 330.9 Am3
- Discussion, p. 975-977.
- 16445 HUTCHINSON, J. Food from the New Forest. *Farmers Weekly [London]* 23(6): 30-31. Aug. 10, 1945. 10 F2226
- Reclamation and cultivation of waste land.
- 16446 JOHN, W. W. How to hoard water. *Success-ful Farming* 43(9): 58-59. Sept. 1945. 6 Sul2
- Farm ponds.
- 16447 JOHNSON, J. The attitude of Congress toward the reclamation program. *Natl. Reclam. Assoc. Proc.* (1944) 13: 71-78. 55.9 N212
- 16448 KRIMGOLD, D. B. Kostiaikov on prevention of waterlogging and salinity of irrigated land. *Agr. Engin.* 26: 327-328. Aug. 1945. 58.8 Ag83
- Discussion of an article in Russian by A. Kostiaikov.
- 16449 LENZ, A. T., and SAWYER, C. E. Estimation of stream-flow from alkalinity-determinations. *Amer. Geophys. Union. Trans.* (1944) 25: 1005-1009. 1945. 330.9 Am3
- Discussion, p. 1010-1011.
- 16450 LUSK, R. D. The South Dakota Reclamation Association. *Natl. Reclam. Assoc. Proc.* (1944) 13: 150-151. 55.9 N212
- 16451 MEDINA, M. DE. Influencia del riego en la asimilación del nitrógeno en las plantas. *Uruguay. U. Facul. de Agron. Rev.*, No. 38, p. 109-123. Nov. 1944. 102.5 M76R
- 16452 MONTÚPAR S., J. El problema de los suelos con alcali. *Agr. Mex.* 61(3): 1-3. Mar. 1945. 8 Ag8
- 16453 MORGAN, F. T. The Oregon Reclamation Congress. *Natl. Reclam. Assoc. Proc.* (1944) 13: 151-152. 55.9 N212
- 16454 MORTON, T. F. How about double ditches and banks? *Family Herald and Weekly Star* 76(34): 3. Aug. 22, 1945. 7 F21
- 16455 NEBRASKA. DEPT. OF ROADS AND IRRIGATION. Twenty-fifth biennial report. v. 2, Bureau of Irriga-tion, Water Power and Drainage. 1943-1944. 664 p. Lincoln, 1945? 290.9 N272
- 16456 NIJENSOHN, L. Corrección de suelos sali-trosos; usos y contraindicaciones del empleo del ye-so. *Corp. Frutícola Argentina. Rev. Ofic.* 11(126): 29-30. June 30, 1945. 83 G81
- 16457 O'SULLIVAN, J. Progress and problems of Columbia Basin Project. *Natl. Reclam. Assoc. Proc.* (1944) 13: 91-102. 55.9 N212



- 16458 \*PANTANELLI, E. Irrigazione con acque salmastre. Agr. Colon. 35: 340-342. Sept. 1941. 26 Ag82
- 16459 \*PANTANELLI, E. L'irrigazione nei paesi caldo-aridi. Agr. Colon. 35: 221-225. June 1941. 26 Ag82
- Irrigation in Libya.
- 16460 PARKER, A. J. Reasons for eastern support of O'Mahoney-Milliken amendments [to Federal water-control legislation]. Natl. Reclam. Assoc. Proc. (1944) 13: 141-143. 55.9 N212
- 16461 PENNEFATHER, R. R. Specifications for irrigation facilities; farm ditches, surface drains, grading. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newslet., No. 5, p. 1-2. June 1945. 55.9 G87
- 16462 PERSON, H. T. The Wyoming Reclamation Association. Natl. Reclam. Assoc. Proc. (1944) 13: 155-156. 55.9 N212
- 16463 PROKHOROV, N. Irrigation in Soviet Tajikistan. Agr. Com. Amer.-Soviet Friendship. Release 24, 2 p. processed. June 15, 1945. 20 Ag89
- 16464 RANDALL, G. Handy flood irrigation system. Mont. Farmer 32(24): 12. Aug. 15, 1945. 6 M764
- 16465 REYBOLD, E. The Army engineers' post-war program in the West. Natl. Reclam. Assoc. Proc. (1944) 13: 162-169. 55.9 N212
- Program for development and conservation of water resources.
- 16466 RISING, E. W. What modified policies will post-war reclamation demand? Natl. Reclam. Assoc. Proc. (1944) 13: 195-212. 55.9 N212
- 16467 RIVAS, A. F. El alma de Mendoza es el agua. Chacra 15(177): 38. July 1945. 9 C34
- Irrigation.
- 16468 SANSON, R. D. Águas perenes e águas torrenciais. Soc. Bras. de Agron. B. 7: 167-182. Sept. 1944. 9.2 Sol3
- The water economy of nature, and the importance and uses of water to plants and soils.
- 16469 SHUTLER, P. Views of Vermont State Planning Board [on the O'Mahoney-Milliken Amendments] Natl. Reclam. Assoc. Proc. (1944) 13: 144-147. 55.9 N212
- 16470 SLOAN, W. G. A unified plan of development for the Missouri River Basin. Natl. Reclam. Assoc. Proc. (1944) 13: 124-132. 55.9 N212
- 16471 SMITH, W. E. The hydrologic behavior of agricultural watersheds. Amer. Geophys. Union. Trans. (1944) 25: 1048-1059. 1945. 330.9 Am3
- 16472 STEWART, R. I. Dependency of irrigation farming on the watersheds of Arizona. Ariz. Stockman 11(7): 8. Aug. 1945. 49 Ar4
- 16473 STONE, C. E. The O'Mahoney-Milliken amendments to the Rivers and Harbors and Flood Control Bills. Natl. Reclam. Assoc. Proc. (1944) 13: 132-141. 55.9 N212
- 16474 STRUNK, H. D. The Nebraska Reclamation Association. Natl. Reclam. Assoc. Proc. (1944) 13: 154-155. 55.9 N212
- 16475 \*TOZZI, R. Utilizzazione agricola delle acque del Giuba. Agr. Colon. 35: 74-81. Feb. 1941. 26 Ag82
- Problem of storing flood waters for use in irrigation during dry periods.
- 16476 \*TSAREVSKIY, A. Gidromekhanicheskiy sposob ochistki ot nasosov irrigatsionnykh kanalov [A hydromechanical method of cleaning alluvium from irrigation canals]. Vsesoyuzn. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 10(1/2): 40-45. 1945. 20 Ak1
- 16477 U. S. ARMY. CHIEF OF ENGINEERS. Annual report, 1944. Pt. 1, v. 1-2, 1922 p. Washington, 1945. 152.25 An7
- Report of work on rivers and harbors, flood control, and related operations.
- 16478 VALLE HUITA, C. La irrigación en la Provincia de Parinacochas. U. Nac. Mayor de San Marcos. Facul. de Cien. Econ. Rev., No. 30, p. 96-121. Aug. 1944. 280.8 R328
- 16479 WALTERS, D. V. Salt reclamation investigations. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newslet., No. 5, p. 8. June 1945. 55.9 G87
- 16480 WARNE, W. E. Basin-wide water development. Natl. Reclam. Assoc. Proc. (1944) 13: 169-174. 55.9 N212
- 16481 WELSH, W. E. The Idaho State Reclamation Association. Natl. Reclam. Assoc. Proc. (1944) 13: 152-153. 55.9 N212
- 16482 WILKEN, C. H. The place of irrigation agriculture in our future economy. Natl. Reclam. Assoc. Proc. (1944) 13: 78-84. 55.9 N212
- 16483 WOOD, G. K. Accuracy of stream-flow records. Amer. Geophys. Union. Trans. (1944) 25: 985-989. 1945. 330.9 Am3
- Erosion and Erosion Control
- 16484 \*A., J. A. Barreras de arboles para protección de los terrenos de cultivo. Surco [Madrid], 4(38): 18-20. Apr. 1945. 15 Su7
- 16485 ANDERS, C. B. Soil conservation. Rural Life [Jackson], 1(2/3): 80-83. Oct. 1944/Jan. 1945. 281.28 R883
- 16486 ANTONIO HUGULES, J. Conservación de suelos y beneficio del pastoreo nacional. Agr. Trop. 1(5): 29-30. June 1945. 26 Ag8
- 16487 BUIE, T. S. New life for the land. South. Banker 85(2): 25-26. Aug. 1945. 284.8 So8
- Program of the Rock Hill, S. C., National Bank for promoting soil conservation.
- 16488 BUIE, T. S. Virginia's part in soil conservation. Commonwealth 12(7): 7-10. July 1945. 280.8 C732
- 16489 CAMPELL, W. W. The war against soil wasting. Banking 38(2): 55-56, 111. Aug. 1945. 284.8 Am3
- Bankers encourage soil conservation.
- 16490 CAREY, S. W., and HEATH, M. E. Using sod on highways. Farm Sci. Rptr. 6(3): 7-10. July 1945. 275.28 F22
- Using sod for prevention of soil erosion and gully-ing.
- 16491 CORTI, G. La erosión de los suelos; perjuicios que ocasiona y manera de evitarla. Aberdeen Angus [Buenos Aires], No. 27, p. 77-78. Summer 1945. 43.8 Ab33
- 16492 D'ACHENKO, A., and ZEMLIANITSKIY, L. Pyl'nye buri i bor'ba s nimi (Dust storms and their control). Vsesoyuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9(10): 32-36. 1944. 20 Ak1
- 16493 EMERSON, A. J. Contour plowing made easy. Impl. & Tractor 60(15): 26-27, 52. July 28, 1945. 58.8 W41
- 16494 HEATH, A. Siltation problem in planning our future water storages. Land [Sydney], No. 1750, p. 15. June 15, 1945. 23 L22
- 16495 HORE, H. L. Soil drift and control measures. Victoria. Dept. Agr. J. 43: 233-240, 263-266. June 1945. 23 V66J
- 16496 HULL, W. X. Las Americas cooperan en la conservación de suelos. Hacienda 40: 382-385. Aug. 1945. 6 H11
- 16497 IZZARD, C. F. The surface-profile of overland flow. Amer. Geophys. Union. Trans. (1944) 25: 959-968. 1945. 330.9 Am3
- 16498 JETTER, K. Evaluation of runoff-distribution values from basic data and study of related drainage-area characteristics. Amer. Geophys. Union. Trans. (1944) 25: 990-1004. 1945. 330.9 Am3
- Discussion, p. 1004-1005.



- 16499 JOHNSON, J. W., and MINAKER, W. L. Movement and deposition of sediment in the vicinity of debris-barriers. *Amer. Geophys. Union. Trans.* (1944) 25: 901-905. 1945. 330.9 Am3  
Discussion, p. 906.
- 16500 JONES, B. Crop rotation seen as soil erosion control. *Ga. "Ag Engr."* 16: 24-25. 1945. 290.9 G29
- 16501 KERSHAW, C. J. Contour drainage of north-west coast farm lands. *Tasmanian J. Agr.* 16: 39-42. May 1, 1945. 23 T182T
- 16502 KEULEGAN, G. H. Spatially variable discharge over a sloping plane. *Amer. Geophys. Union. Trans.* (1944) 25: 956-958. 1945. 330.9 Am3  
Discussion, p. 959.
- 16503 L., V. O problema da erosão dos nossos solos. Pernambuco (State), Brazil. Sec. de Agr., Indus., e Com. B. 11(3/4): i-vi. July/Dec. 1944. 9.2 P423
- 16504 LENZ, A. T. Checking runoff by use of inflow- and outflow-volumes. *Amer. Geophys. Union. Trans.* (1944) 25: 1011-1013. 1945. 330.9 Am3  
Discussion, p. 1013.
- 16505 LOWDERMILK, W. C. Down to earth. *Amer. Geophys. Union. Trans.* (1944) 25: 195-213. 1945. 330.9 Am3  
Soil erosion; geophysical processes and their manifestations.
- 16506 MCDONALD, C. G. Forecasting spring runoff from snow-surveys for Pemigewasset River at Plymouth, New Hampshire. *Amer. Geophys. Union. Trans.* (1944) 25: 977-982. 1945. 330.9 Am3  
Discussion, p. 982-984.
- 16507 MORRISH, R. H. Establishment and maintenance of cover on unpaved surfaces of airports. *Engin. News-Rec.* 135(8): 96-100. Aug. 23, 1945. 290.8 En34  
Grass covers for prevention of erosion; fertilizers for grass.
- 16508 PABLO DUQUE, J. La defensa del suelo contra la erosión. *Rev. Cafetal. de Guatemala* 1(6/7): 53-63. May/June 1945. 68.28 R322
- 16509 PAULSEN, E. F. La erosión de los suelos. *Vinos, Viñas y Frutas* 40: 358, 360-361. Apr. 1945. 9 Ag89
- 16510 PEDRAZA, R. Comentarios al artículo "Como deben dividirse los suelos por razón de su pendiente" *Agr. Trop.* 1(5): 31-34. June 1945. 26 Ag8  
Soil erosion.
- 16511 \*RAO, A. S. Soil erosion and conservation of moisture in un-irrigated black soils. Lecture 1. *Madras Agr. J.* 31: 3-11. Jan. 1943. 22 M262  
Lecture 2 in the February, 1943, issue, p. 43-55.
- 16512 REID, L. E., JR. Conservation farming withstands heavy rainfall. *Ark. Farmer* 47(8): 8-9. Aug. 1945. 6 Ar42
- 16513 RODDAN, G. M. Combateando a erosão do solo nas colonias britânicas. *Campo [Rio de Janeiro]* 16(184): 51-53. Apr. 1945. 9.2 C15
- 16514 RUNGE, J. F. A soil conservation district supervisor outlines program. *Sheep and Goat Raiser* 25(11): 34, 36. Aug. 1945. 45.8 Sh3
- 16515 SAPRIZA VERA, C. La erosión y los medios de dominarla. Uruguay. *Dir. de Agron. [Cartillas]* 74, 40 p. Montevideo? 1945. 9.9 Ur84  
Types and kinds of erosion; use of trees in prevention of erosion; varieties of trees suitable for such use.  
Reprinted in *Suelo Argentino* 4: 306-311, 324, 326; 374-381, 388. May-June 1945. 9 Su2
- 16516 SKINNER, W. E., and WEBSTER, F. G. Effect of rainfall intensity on soil losses. *Ga. "Ag Engr."* 16: 26-27. 1945. 290.9 G29
- 16517 STARR, W. B. Rye will anchor peanut soils. *Prog. Farmer, Tex. Ed.* 60(9): 18. Sept. 1945. 6 T311
- 16518 SYKES, F. J. Kansas soil conservation program. *Kans. State Bd. Agr. Rpt.* 64(266): 32-35. Apr. 1945. 2 K13Re
- 16519 UPPER WEST FORK SOIL CONSERVATION DISTRICT, TEX. Third annual report of the District supervisors, Jan. 1, 1944. 11 p., processed. Jacksboro, Tex., 1944. 56.9 Up6
- 16520 WOOLEY, J. C. Giving long slopes a chance with terraces. *Impl. & Tractor* 60(16): 36, 68. Aug. 11, 1945. 58.8 W41

#### Sanitation

- 16521 LAWRENCE, W. J. C., and NEWELL, J. How can a silt soil be sterilised? *John Innes B.* 1, p. 28. n. d. 84 J61J
- 16522 NEWELL, J. Can borders be sterilised with a small boiler? *John Innes B.* 1, p. 29-30. n. d. 84 J61J
- 16523 RIGG, T., KIDSON, E. B., and CHITTENDEN, E. T. Steam and soil disinfectants; effects on the yield and quality of Nelson [New Zealand] tomatoes under outside culture. *Seed and Nursery Trader* 43(5): 1-2. May 21, 1945. 80 Au72

#### MATERIALS FOR SOIL IMPROVEMENT

- 16524 BRAND, G. J. Some fertilizer history connected with World War I. *Agr. Hist.* 19: 104-113. Apr. 1945. 30.98 Ag8
- 16525 HOWARD, SIR A. Agriculture and health. *Organic Gard.* 7(4): 8-9. Sept. 1945. 56.8 Or3  
Maintains that organic fertilizers are superior to chemical fertilizers in producing health-giving food.
- 16526 LECHAPTOIS, J. A proposito de abonos. *Vinos, Viñas y Frutas* 40: 426, 427. June 1945. 9 Ag89
- 16527 MCINTYRE, J. E. Modern fertilizers change farm picture. *Marit, Farmer and Co-op. Dairyman* 50(22): 33. Aug. 21, 1945. 7 C77
- 16528 MEYER, H. Return to the land. III. The evolutionary principle. *Organic Gard.* 7(4): 10-14. Sept. 1945. 56.8 Or3  
Value of organic as against chemical fertilizers.
- 16529 PISK, E. Os fertilizantes no Brasil. *Observ. Econ. e Financ.* 10(112): 17-30. May 1945. 280.8 Ob72
- 16530 RESEARCH and the farmer. III. Fertiliser practice. North. Ireland. *Min. Agr. Monthly Rpt.* 20: 66-70. July 1945. 256.13 Ag82M
- 16531 W., T. A. Organics versus artificials. *Home Gard.* 6(2): 48. Aug. 1945. 80 H756

#### Primary Materials

- 16532 BEAR, F. E. Comparative test of ammonia solutions and standard nitrogen fertilizers. *Natl. Joint Com. Nitrogen Util. Proc.* (1944) 3: 55-56, processed. 57.9 N217
- 16533 CORRIE, F. E. Some elements of plants and animals. 6. Phosphorus in plant nutrition. *Fert., Feed. Stuffs and Farm Supplies J.* 31: 447, 449, 451. Aug. 1, 1945. 57.8 F413  
Phosphorus fertilizers and how to use them efficiently.
- 16534 \*HERNANDEZ ROBREDO, L. La escasez de nitrógeno y el campo. *Surco [Madrid]* 4(38): 9-12. Apr. 1945. 15 Su7  
Scarcity of commercial nitrates; organic sources of nitrogen - liquid manure, organic wastes, green manures, and legumes.
- 16535 HUIDOBRO, J. G. Las tortas y afrechos oleaginosos empleados como abonos. *Unión Agr. del Sur* 3(17): 9. May 1945. 9.3 Un3
- 16536 PIERRE, W. H. When your land needs nitrogen. *Successful Farming* 43(9): 26, 52-54. Sept. 1945. 6 Su12  
Symptoms of nitrogen deficiency; sources of nitrogen; effects of nitrogen in increased production of various crops.



16537 PRATT, A. D., and O'BRIEN, R. E. Ammonia liquor as a source of nitrogen for pasture crops. Natl. Joint Com. Nitrogen Util. Proc. (1944) 3: 52-54, processed. 57.9 N217

#### Secondary and Minor Element Materials

16538 HAYNES, J. D. Soil sulphur in California citrus groves - decreases alkali content, promotes healthy root growth, releases plant foods, increases nitrates, flocculates soil. Calif. Fruit & Veg. Rev. 6(5): 46-47, 57. Aug. 1945. 80 C1224

16539 \*LUGEON, A. R. A propos des fumures au bore. Rev. Hort. Suisse 18(1): 14-15. Jan. 1945. 80 R3212

16540 YOUNG, L. C., and WHITE, R. G. Root crops, orchards, respond to boron. Marit. Farmer and Co-op. Dairyman 50(22): 17, 54. Aug. 21, 1945. 7 C77

#### Fertilizer Statistics

16541 \*BURGEVIN, H. La pénurie d'engrais azotés: quelques moyens d'en atténuer les effets. Rev. des Agr. de France 74: 166-167. Aug. 1942. 14 R325

#### Mineral Soil Amendments

16542 ANTHONY, J. L. Calcium silicate slag a good source of agricultural lime, shown by tests. Miss. Farm Res. [Miss. Sta.] 8(7): 2. July 1945. 100 M69M1

16543 COPELAND, E. W., JR. Limestone for your farm. Ark. Farmer 47(8): 6-7, 11, 18. Aug. 1945. 6 Ar42

16544 NATIONAL LIME ASSOCIATION. Approximate consumption of liming materials on United States farms during 1944. 1 p., processed. Washington, D. C., 1945. 57.9 N214A

Statistics in tons, by States.

#### Manures and Composts

16545 AGUIRRE A., R. El problema de devolver al suelo la materia organica extraída. Co. Admin. del Guano, Peru. B. 21: 133-141. June 1945. 57.9 C73B  
Preparation and fertilizing value of hyganic, an organic fertilizer made from city refuse.

16546 \*ANANDAN, M., RAO, T. K. B., and KRISHNA-SWAMI, V. Results of trial of molasses as manure on swamp paddy. Madras Agr. J. 30: 143-148. May 1942. 22 M262

16547 BONILLA ARGUEDAS, G. Ensayos del procedimiento Indore. Inst. de Defensa del Café de Costa Rica. Rev. 15: 282-287. (Concl.) Apr./May 1945. 68.28 C82

16548 \*GOIC, Y. Valeur fertilisante des cendres de bois. Rev. des Agr. de France 74: 212. Nov. 1942. 14 R325

16549 CORREA, A. Preparación y utilización de la pulpa del café como abono orgánico. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 140-143. May/Dec. 1944. 8 R325

16550 CORTI, G. Construcción de estercoleros. Chacra 15(177): 52-53. July 1945. 9 C34

Importance of manures as fertilizers; structure for conservation of manures.

16551 \*DEMOLON, A., and BURGEVIN, H. Sur l'enfouissement direct des pailles de céréales dans le sol et ses répercussions. Ann. Agron. [Paris] (n. s.) 10: 357-365. July/Sept. 1940. 14 An75A

16552 ELLIOTT, C. Compost making. Gard. Illus. 64: 635. Aug. 1945. 80 G169

16553 F. Make a new compost heap. Pop. Gard. 47: 179. Aug. 4, 1945. 80 G1622

16554 LAWRENCE, W. J. C., and NEWELL, J. Questions about composts. John Innes B. 1, p. 25-26. n. d. 84 J61J

Ingredients and preparation.

16555 LAWRENCE, W. J. C., and NEWELL, J. What is the best leaf-mould? John Innes B. 1, p. 27. n. d. 84 J61J

16556 OSSE, L. Estrumeiras. Pt. IV - Capacidade. Rev. dos Criadores 16(6): 26-27. June 1945. 43.8 R32

16557 REBOUR, H. Utilisons la chaleur du fumier. Rev. Agr. de l'Afrique du Nord 41: 200-201. Dec. 17, 1943. 80 R326

16558 RODALE, J. I. The theory underlying the composting process. Organic Gard. 7(4): 4-7. Sept. 1945. 56.8 Or3

16559 \*SANKARATYA, K. A note on the disposal of inferior quality Virginia tobacco. Madras Agr. J. 30: 222-223. July 1942. 22 M262  
Use of waste tobacco as fertilizer.

16560 \*U. Behandlung und verwertung von stallmist und jauche. Landesbauernschaft Moselland. Wchnbl., No. 6, p. 88-89. Feb. 6, 1943. 18 L2328

#### FORESTRY

##### FOREST ECONOMICS AND POLICY

16561 ACUÑA, J. El problema forestal cubano. B. de Inform. Agr. del Gobierno Prov. de Las Villas 17(127): 9, 24-25. Jan./Mar. 1945. 8 Sa53

16562 CAVALCANTI, P. Aspectos do problema florestal no sertão de Pernambuco. Pernambuco (State) Sec. de Agr., Indús., e Com. B. 11(3/4): 31-41. July/Dec. 1944. 9.2 P423

16563 CHAPMAN, H. H. The cure for the O. and C. situation. J. Forestry 43: 569-574. Aug. 1945. 99.8 F768

On the administration of forests on the revested lands of the Oregon and California Railroad grant.

16564 CHAPMAN, H. H. Some legal and administrative aspects of the O. and C. controversy. J. Forestry 43: 566-568. Aug. 1945. 99.8 F768

Continuing the discussion of forest administration on certain public lands in Oregon.

16565 FOREST industries present final argument to [Sloan] Commission [of Enquiry into the Forest Resources of British Columbia]. Brit. Columbia Lumberman 29(8): 32-34, 52-54, 56. (To be cont.) Aug. 1945. 99.81 B77

16566 GAINES, E. M. The forest credit program in the South. J. Forestry 43: 580-584. Aug. 1945. 99.8 F768

Character and objectives of forest loan program of the U. S. Farm Credit Administration.

16567 GAUNT, A. Reconstruction in Britain's forests. Ala. Conserv. 17(2): 8-9, 12. Aug. 1945. 279.8 AL1

16568 GOLDING, C. A política florestal britânica. Campo [Rio de Janeiro] 16(185): 9-10. May 1945. 9.2 C15

16569 KAHMER, J. Une politique du reboisement. Petit Casablancais 30(1224): 4. Aug. 4, 1946. 280.8 P44

The reforestation policy of Richard St. Barbe Baker.

16570 LEGETT, A. A. State [of Mississippi] Forest Service objectives. Rural Life [Jackson] 1(2/3): 73-77. Oct. 1944/Jan. 1945. 281.28 R883

16571 LENNARD, R. Afforestation and defence. Field 185: 647. June 30, 1945. 10 F45

Questions of policy.

16572 PEREZ ARBELAEZ, E. Campaña forestal. Numeros y lo dicho. Vida Rural 6(70): 23. May 1945. 9.4 V66

Thoughts on forests and forestry in Colombia.

16573 ROTHERY, J. E. Some aspects of appraising standing timber. J. Forestry 43: 490-498. July 1945. 99.8 F768

16574 SE HA propuesto la creación de la Sección Forestal de Cundinamarca. [Colombia]. Vida Rural 6(70): 6-7. May 1945. 9.4 V66



16575 \*STREYFFERT, T. Taxeringsvärdena för skogsfastighet. Motsvarar höjningen skogens avkastning? Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige och Gästrikland 15(20): 3, 12. May 12, 1945. 11 J762

A comparison of forest tax assessments and forest income.

16576 SWORD, W. The Manistee National Forest [Michigan] and the plan for its development. Mich. Forestry and Park Assoc. Ann. Mtg. (1945)19: 1-5, processed. 99.9 W586

16577 TAMA, C. Industrias forestales. Ecuador. Min. de Econ. Inform. Econ. 1(6): 12. Apr. 1945. 255.5 Ec97

16578 URIBE RAMÍREZ, G., and GÓMEZ, C. A. La repoblación forestal y la provisión de agua para Bogotá. Vida Rural 6(70): 8-9. May 1945. 9.4 V66

16579 \*ZEYHER, Das faserholz und seine erzeugnisse im deutschen aussenhandel im zeitraum 1927 bis 1938. Allg. Forst u. Jagd Ztg. 116: 94-102. Apr. 1940. 99.8 AL3

#### Legislation.

16580 PROYECTO de ley del regimen forestal. Paraguay. Min. de Agr. Rev., No. 8, p. 33-60. Apr. 1945. 9.7 Ag8Re

#### Prices

16581 U. S. BUREAU OF LABOR STATISTICS. Retail prices of lumber during the war. South. Lumber J. 49(8): 19, 85. Aug. 1945. 99.81 So8

#### FOREST DESCRIPTION AND RESOURCES

16582 \*CHENG, W. C. Les forêts du Se-tchouan et du Si-Kang oriental. (Abs.) Ann. des Sci. Nat. Bot. (ser. 11)4: 120. 1943, pub. Mar. 1944. 450 An75

16583 \*COLOMBANI, G. Le foreste demaniali della Sila [Italy]. Riv. Forest. Ital. 3(4/5): 24-30. Apr./May 1941. 99.8 R522

16584 \*HOFMANN, A. I boschi delle isole italiane dell'Egeo. Riv. Forest. Ital. 3(4/5): 6-23. Apr./May 1941. 99.8 R522

16585 KERNAN, H. S. Maryland's homespun forestry. Amer. Forests 51: 394-395, 408-410. Aug. 1945. 99.8 F762

A preview of the findings of the Forest Resource Appraisal of the American Forestry Association.

16586 LEAHY, J. G. Brazilian woods will help build the New World. Brazil's tropical trees promise pioneers some interesting rewards in scientific research. Brazil 19(8): 14-16. Aug. 1945. 280.8 B732

16587 NUNN, F. Giants of the western forests of Australia. Wood 10: 167-169. July 1945. 99.82 W855

16588 \*SAITTA, A. Il patrimonio forestale dell'Africa orientale italiana. Rass. Econ. dell'Africa Ital. 28: 553-559. July 1940. 261 C71

16589 \*SENNI, L. La produzione delle foreste tropicali. Agr. Colon. 36: 188-190. July 1942. 26 Ag82

16590 \*TOZZI, R. Principali essenze legnose della zona del Giuba [Somaliland]. Agr. Colon. 35: 119-125. Mar. 1941. 26 Ag82

16591 \*ZENTGRAF, E. Das Elsass. Allg. Forst u. Jagd Ztg. 116: 265-269. Nov. 1940. Ref. 99.8 AL3

Includes description of forests in Alsace.

#### Individual Genera and Species

16592 ALFONSO, J. C. El quebracho colorado chequeño [Schinopsis balansae]. Campo [Buenos Aires] 29(342): 34-36. Apr. 1945. 9 C15

16593 BIANCHI, M. A. La acacia blanca [Robinia pseudoacacia]. Aberdeen Angus [Buenos Aires], No. 27, p. 86-87. Winter 1945. 43.8 Ab33

16594 \*BOLOGNA, L. M. Dell'Acacia mollissima nei territori dell'Africa Orientale Italiana. Agr. Colon. 35: 89-99. Mar. 1941. 26 Ag82

16595 \*CIACCIA, C. Pioppicoltura nelle pertinenze idraulico-demaniali. Riv. Forest. Ital. 3(7): 23-28. July 1941. 99.8 R522

16596 COOKE, G. B. Growing cork at home. J. Chem. Ed. 22: 367-369. Aug. 1945. 381 J826

16597 KAIN, D. N. F. Stinkwood [Ocotea bullata]. Wood 10: 202-203. Aug. 1945. 99.82 W855

16598 \*PHILIPPIS, A. DE. I querceti di Slavonia. Riv. Forest. Ital. 3(7): 13-21. July 1941. 99.8 R522

16599 SCHIFFINO, J. Riqueza forestal dominicana. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 35(154): 92-96. May/June 1945. 8 R323

Description and uses of Hymenaea courbaril, Bucida buceras, and Buchenavia capitata.

16600 URQUHART, B. P. The value of poplars. Country Life [London] 97: 1040-1041. June 15, 1945. 80 C83

#### FOREST ADMINISTRATION AND MANAGEMENT

16601 \*ABETZ, K. Fragen der hiebssatzherleitung. Allg. Forst u. Jagd Ztg. 116: 31-42. Feb. 1940. 99.8 AL3

Methods of planning the annual cut under sustained yield management.

Bemerkungen zu vorstehendem aufsatz by Dr. Vanselow, p. 42-43.

16602 \*BOND, W. E. Bewirtschaftung von 40000 hektar pinus-mischbeständen im nachhaltsbetrieb (sustained yield management). Allg. Forst u. Jagd Ztg. 116: 237-246. Oct. 1940. 99.8 AL3

16603 \*COCCIA, G. Il taglio dei cedui fuori stagione silvana. Riv. Forest. Ital. 3(9/12): 50-52. Sept./Dec. 1941. 99.8 R522

16604 \*EVERS, Welche folgen hatte der Übergang von der femelwirtschaft zum schlagweishauen im württembergischen hochschwarzwald? Allg. Forst u. Jagd Ztg. 116: 293-319. Dec. 1940. 99.8 AL3

16605 EYRE, F. H., and ZEHNGRAFF, P. J. Thinnings for pulpwood increase timber yield. Wood Prod. 50(8): 53. Aug. 1945. 99.82 W856

16606 \*FEUCHT, O. Ergebnis zweier versuche sur heidebekämpfung in forchenbeständen des Nordschwarzwaldes. Allg. Forst u. Jagd Ztg. 116: 163-164. June 1940. 99.8 AL3

16607 \*GIORDANO, G. Le utilizzazioni di un forto di proprietà demaniale nei riguardi dell'introduzione di un piano di assestamento. Riv. Forest. Ital. 3(7): 34-51. July 1941. 99.8 R522

16608 GONZÁLEZ FLEITES, F. Los montes - su importancia - explotación. B. de Inform. Agr. del Gobierno Prov. de Las Villas 17(127): 26-27. Jan./Mar. 1945. 8 Sa53

Forestry for private estate owners of Cuba.

16609 KIRCHER, J. C. How shall we cut our timber? Forest Farmer 4(11): 2. Aug. 1945. 99.8F7693

On a cutting policy for the South.

16610 KREBS, W. J. Tree farm movement to provide bridge between woodlots, southern industry. Forest Prod. News 11(23): 4. June 11, 1945. 99.82 F76

16611 LEBARRON, R. K. Light cutting in black spruce is practicable. J. Forestry 43: 486-489. July 1945. 99.8 F768

16612 \*MANTEL, W. Die fortbildung der forstlichen buchführung. Ein beitrage zur forstlichen leistungsteigerung. Allg. Forst u. Jagd Ztg. 116: 4-15. Jan. 1940. 99.8 AL3

16613 MANTEL, W. Der grundsatz der objektivität in der forsteinrichtung. Allg. Forst u. Jagd Ztg. 116: 71-78. Mar. 1940. 99.8 AL3



16614 \*MERENDI, A. L'elevazione del turno dei cedui nell'ultimo quindicennio e la produzione del carbone vegetale nell'attuale periodo di guerra. Riv. Forest. Ital. 3(9/12): 24-31. Sept./Dec. 1941. 99.8 B522

16615 MILES, C. Cutting cycles in ponderosa pine. J. Forestry 43: 508-509. July 1945. 99.8 F768

16616 OLSON, H. Forest management in action; the forty-year program of the Collins Pennsylvania forest. Amer. Forests 51: 390-391, 405, 407-408. Aug. 1945. 99.8 F762

16617 SCHANTZ-HANSEN, T. Harvesting young aspen on the Cloquet Forest. J. Forestry 43: 506-507. July 1945. 99.8 F768

16618 \*WOHLFARTH, E. Die waldbaulichen richtlinien der deutschen landesforstverwaltungen. Allg. Forst u. Jagd Ztg. 116: 141-163. June 1940. 99.8 A13

#### Administration

16619 MACHADO, C. D. O Serviço Florestal nos Estados Unidos. Brazil. Min. do Trab., Indús. e Com. B. 11(124): 253-264. Dec. 1944. 255.3 B737A

#### Farm Woodlands

16620 GONZÁLEZ, A. Montes de abrigo, su importancia. Aberdeen Angus [Buenos Aires], No. 27, p. 74-75. Winter 1945. 43.8 AB33

16621 ORTIZ GARMENDIA, J. Plantaciones de forestales en las estancias. Campesino [Santiago] 77: 331-332. June 1945. 9.3 So12

16622 PHILLIPS, G. R. Farm forestry. J. Forestry 43: 471-476. July 1945. 99.8 F768

16623 PICKETT, W. F. Windbreaks, woodlots, and farm forestry. Kans. State Bd. Agr. Rpt. 64(266): 36-40. Apr. 1945. 2 K13Re

16624 PRESTON, J. F. Integrated farm forestry. J. Forestry 43: 575-579. Aug. 1945. 99.8 F768

16625 PUGSLEY, G. W. Profit in Iowa timber.. Iowa Conserv. 4: 160. Aug. 15, 1945. 279 Io92  
Fifty percent out in farm woodland.

#### Mensuration

16626 BEHRE, C. E. Growing stock, cutting age, and sustained yield. J. Forestry 43: 477-485. July 1945. 99.8 F768

Comment by A. E. Wackerman, p. 484.

16627 \*BENASSI, L. Ricerche sperimentali sul coefficiente di volume. Riv. Forest. Ital. 3(4/5): 31-34. Apr./May 1941. 99.8 B522

16628 \*KRENN, K. Über nMherungsverfahren zur berechnung der durchmesser der Hohenadlischen mittelstämme, dargestellt an einem extremen bestandesbeispiel. Allg. Forst u. Jagd Ztg. 116: 228-234. Aug./Sept. 1940. 99.8 A13

16629 \*SPEER, E. Eine neue derbholzmassentafel für die kiefer in Württemberg. Allg. Forst u. Jagd Ztg. 116: 125-133. May 1940. 99.8 A13

16630 \*VOGEL, K. Ein vorschlag zur vereinfachung der sortierung aufgenommener bestände. Allg. Forst u. Jagd Ztg. 116: 133-137. May 1940. 99.8 A13

#### FOREST PROTECTION AND DAMAGE

Articles on diseases of trees are listed under Pathology in the Plant Science section; articles on forest insects in the Entomology section.

#### Fire

16631 HALL, J. T. The "tar-heel" fire trailer. Amer. Forests 51: 398. Aug. 1945. 99.8 F762

16632 LANG, F. H. Whose forest shall we let burn? Forest Farmer 4(11): 5-6. Aug. 1945. 99.8 F7693

Fire control in Arkansas.

16633 LAWRENCE, A. O. The forest fire. Food Front 2(1): 14-16. Dec. 1944. 281.8 F73

The forest fire problem in Victoria, Australia.

16634 LITTLE, S., and MOORE, E. B. Controlled burning in south Jersey's oak-pine stands. J. Forestry 43: 499-506. July 1945. 99.8 F768

#### SILVICULTURE

See Items 15735-15749

#### LUMBERING

16635 BOYER, J. M. Facts about Canada's lumber: is Canada conserving timber resources at the expense of the United States? Wood Construct. 31(15): 5, 29. Aug. 1, 1945. (Madison Sub-Branch Libr.)

16636 HALLAUER, F. J. Lumber for farm construction. Agr. Situation 29(8): 14-17. Aug. 1945. 1 Ec7Ag

16637 HYLER, J. E. Lumber handling facilities. Wood-Worker 64(6): 24, 26, 28. Aug. 1945. (Madison Sub-Branch Libr.)

16638 LOWE, C. G. Labor relations service for Dixie's lumbermen. South. Lumber J. 49(8): 24, 26, 27. Aug. 1945. 99.81 So8

16639 MAINTENANCE at Potlatch. Timberman 46(10): 49-52, 54, 58. Aug. 1945. 99.81 T484

Second of a series of articles on men and equipment at Potlatch Forests, Inc.

16640 PARSONS, C. T. Three centuries of making lumber in America. South. Lumber J. 49(8): 20, 22. Aug. 1945. 99.81 So8

16641 \*WEIGELSPERG DI CANEVA, F. Un cantiere della compagnia imperiale per l'utilizzazione delle essenze legnose d'Etiopia. Rass. Econ. dell'Africa Ital. 28: 560-562. July 1940. 261 C71

16642 WRIGHT, T. G. Forestry operations in the European theater. Timberman 46(10): 34-37, 57-58. Aug. 1945. 99.81 T484

16643 ZIMMERMAN, E. W. How TFWP gives help to the producers; demand for increased production met by operators as result of assistance. Cross Tie B. 26(8): 30. Aug. 1945. 99.82 C87

#### Equipment

16644 WAGNER, J. B. The care of saws; net profits depend on quality of finished products. Barrel and Box and Packages 50(8): 16-17. Aug. 1945. 99.82 B27

#### Logging

16645 EBERLY, N. Pennsylvania's pulpwood field days prove very beneficial. Timber Topics 8(2): 4, 9. July/Aug. 1945. 99.81 T486

Demonstration of improved practices in harvesting pulpwood.

16646 GRANTHAM, J. B. Recovery of forest waste. Part II. Timberman 46(10): 43-44, 46-47, 58. Aug. 1945. 99.81 T484

16647 JONES, S. Old and new logging methods are combined by Kemp L. Smith; North Carolina logger fells by hand, bunches with mules, hauls with crawler tractor. Timber Topics 8(2): 10. July/Aug. 1945. 99.81 T486

#### WOOD TECHNOLOGY

##### Chemical and Physical Properties

16648 BYERS, T. K. A simple method of determining the specific gravity of veneer. J. Forestry 43: 599-600. Aug. 1945. 99.8 F768

16649 STERN, E. G., and DEAR, P. S. A simplified method for the determination of the specific gravity of wood and plastics. A. S. T. M. [Amer. Soc. Testing Mater.] B. 135, p. 35-40. Aug. 1945. 290.9 Am34B



Preservative Treatment

- 16650 TIPPO, O. Protective coatings for bending oak. South. Lumberman 171(2144): 36, 38, 40, 42. Aug. 1, 1945. 99.81 So82

Seasoning and Conditioning

- 16651 STEVENS, W. C. The removal of moisture from wood. Wood 10: 172-173. July 1945. 99.82 W855
- 16652 TIEMANN, H. D. Moisture movement in drying wood. South. Lumberman 171(2145): 59-60. Aug. 15, 1945. 99.81 So82
- 16653 TORGESON, O. W. Furnace-type lumber dry kiln; constructional features of the experimental unit at the U. S. Forest Products Laboratory, Madison 5, Wisconsin. South. Lumberman 171(2145): 66, 68. Aug. 15, 1945. 99.81 So82

FOREST PRODUCTS

- 16654 BARLOW, R. Clogging. Wood 10: 204-205. Aug. 1945. 99.82 W855
- Describes making of clog soles from alder wood.
- 16655 DUNN, P. M. The possibilities of forest laboratory products. Natl. Farm Chemurg. Council. Chemurg. Papers 419, 5 p., processed. Columbus, 1945. 381 N213P
- Utilization of logging and sawmill waste wood. Also in Chemurg. Digest 4: 255-257. Aug. 15, 1945. 381 N213Na
- 16656 GARRATT, G. A. Wood in war and peace. Part 2. Laminated construction. Wood Prod. 50(8): 21-22, 50, 52. Aug. 1945. 99.82 W856
- 16657 HORN, A. G. Cross tie production in the Lake States. Wood Prod. 50(8): 53. Aug. 1945. 99.82 W856
- 16658 KAHN, S. H. Wooden pipes. Wood 10: 190. Aug. 1945. 99.82 W855
- Describes sewer pipes made up of a series of polygonal rings.
- 16659 PANSBIN, A. J. Wood in war and peace. Mich. Forestry and Park Assoc. Ann. Mtg. (1945) 19: 9-13, processed. 99.9 M586
- 16660 PEREZ ARBELAEZ, E. Como beneficiar el árbol. Vida Rural 6(71): 20. June 1945. 9.4 V66
- 16661 PIRKLE, W. N. Where shall we find enough cellulose? This is a vital question in view of the promise of wood chemistry. Amer. Forests 51: 380-382. Aug. 1945. 99.8 F762
- 16662 \*SALA, G. La nostra produzione legnosa in quindici anni di lavoro della Milizia Forestale. Riv. Forest. Ital. 3(9/12): 7-23. Sept./Dec. 1941. 99.8 R522
- 16663 SWEATT, H. B. Glue in war applications to wood. Wood Prod. 50(7): 38, 40, 42, 44. July 1945. 99.82 W856
- 16664 TORTORELLI, L. A. Las maderas argentinas en la decoración moderna. Argentina. Dir. Forest. P. Tec. 4, 26 p. Buenos Aires, 1945. 99.9 Ar3
- 16665 TORTORELLI, L. A. Las maderas argentinas en la industria aeronautica. Argentina. Dir. Forest. P. Tec. 1, 21 p. Buenos Aires, 1945. 99.9 Ar3
- 16666 UHL, H. G. Forest industries blaze new trails. Miss. Val. Lumberman 76(33): 16-17. Aug. 17, 1945. 99.81 M69
- New and possible future uses for wood.
- 16667 UHL, H. G. Look to lumber for new materials and products in tomorrow's markets. Indus. Mktg. 30(8): 46-48, 70. Aug. 1945. 280.38 In22
- 16668 U. S. DEPT. OF AGRICULTURE. FOREST SERVICE. FOREST PRODUCTS LABORATORY. Synthetic-resin glues. South. Lumberman 171(2144): 67-68, 70, 72, 74. Aug. 1, 1945. 99.81 So82
- 16669 VRANIAN, H. Wanted: use for wood pulp waste. Chemistry 18(11): 11-12. July 1945. 381 J826A
- 16670 WILSON, S. E. Mining timbers; home supplies and forestry. Wood 10: 177-179. July 1945. 99.82 W855

Barrels, Boxes, and Crates

- 16671 CALLAHAN, J. Florida's crate industry. Barrel and Box and Packages 50(8): 8. Aug. 1945. 99.82 B27
- 16672 MYERS, E. C., PURCELL, M. T., and KURTENACKER, R. S. Effect of species and thickness of head and type and attachment of cleat upon the strength of slack barrel heads. Barrel and Box and Packages 50(8): 9-13. (To be cont.) Aug. 1945. 99.82 B27

Charcoal

- 16673 \*CARLONI, P. Il contributo dei boschi a macchiatico normalmente negativo nella produzione del carbone vegetale. Riv. Forest. Ital. 3(9/12): 44-48. Sept./Dec. 1941. 99.8 R522
- 16674 \*FEDERICO, S. Come accrescere la produzione invernale di carbone vegetale. Riv. Forest. Ital. 3(9/12): 65-69. Sept./Dec. 1941. 99.8 R522
- 16675 \*MILLOT, R. Une solution au problème de la carbo-distillation industrielle en forêt, le four Turpin. Rev. des Agr. de France 73: 300-302. Oct. 1941. 14 R325
- 16676 \*MINUCCI DEL ROSSO, S. Produzione del carbone vegetale con carbonale e con forni. Riv. Forest. Ital. 3(9/12): 54-63. Sept./Dec. 1941. 99.8 R522
- 16677 \*PEPE, G. Trasporto del carbone vegetale: impiego di mezzi meccanici autarchici e norme per diminuire le perdite dovute al carico e scarico alla rinfusa. Riv. Forest. Ital. 3(9/12): 71-79. Sept./Dec. 1941. 99.8 R522
- 16678 SALMONI, R. A industria da carbonisação da lenha. Rev. Bras. de Quím. (Cien. & Indus.) 19: 187-192. Apr. 1945. 385 R322

Furniture

- 16679 HICKOK, W. H. Electronics; furniture maker's experiments cut costs. Furniture Mfr. 60(7): 27-29. July 1945. 300.8 F982
- 16680 LAMB, G. N. Mahogany; the beauty in wood should not be hidden by stain. Furniture Mfr. 60(7): 30. July 1945. 300.8 F982
- 16681 LIVINGSTON, J. C. My experience in finishing gum furniture. Indus. Finishing 21(9): 92, 94, 96, 98. July 1945. (Madison Sub-Branch Libr.)
- 16682 SMITH, W. T. Essentials of fine furniture finishing. Part 6. Wood Prod. 50(7): 30, 32, 34. July 1945. 99.82 W856

Naval Stores

- 16683 COLLINS, T. T. Sulphite turpentine, a review of the literature. Paper Indus. and Paper World 27: 719-722. (Concl.) Aug. 1945. Ref., p. 721-722. 302.8 P1923
- 16684 DORMAN, K. W., CLEMENTS, R. W., and MITCHELL, H. L. Results of 1944 commercial-scale tests of chemical stimulation. Naval Stores Rev. 55(19): 8, 10, 12, 16-17; (20): 8, 10, 12, 16-17. Aug. 11-18, 1945. 99.81 N22
- 16685 OSTROM, C. E. Chemical boosters provide more gum from southern pine. Chemurg. Digest 4: 240-243. July 31, 1945. 381 N213Na

Plastics

- 16686 NORTON, A. J. The prospects for pulp moulding industries. Pulp and Paper Indus. 19(7): 33-34. July 1945. 302.8 P11
- 16687 SCHWARTZ, S. L., FEW, J. C., and MEYER, H. R. Low-resin-content and resin-free pulp plastics. Paper Trade J. 121 (TAPPI Sect.): 61-64. Aug. 16, 1945. 302.8 P196
- 16688 SCHWARTZ, S. L., FEW, J. C., and MEYER, H. R. Pulp-reinforced plastics are tough and strong. South. Pulp & Paper J. 8(3): 19-22, 38-43. Aug. 1945. 302.8 So8
- 16689 SHERRARD, E. C., BEGLINGER, E., and HOHF, J. P. Wood plastics, their future importance. Brit. Plastics 17: 272-276. July 1945. 309.8 B76



Pulp and Paper

- 16690 ANDREWS, H. Zinc hydrosulphite treatment of groundwood. *Pulp and Paper Indus.* 19(8): 58, 60. Aug. 1945. 302.8 P11
- 16691 BETTENDORF, H. J. Paperboard and paperboard boxes - a history. *Fibre Containers* 30(7): 27-28, 30, 32, 34, 39-40, 42, 44, 49-50. (Cont.) July 1945. 286.8 F44
- 16692 BRITISH paper trade in World War II. *Paper Indus. and Paper World* 27: 713-715. Aug. 1945. 302.8 P1923
- 16693 FAREBROTHER, T. H. Rigidity testing of paper boards. *World's Paper Trade Rev.* 124: 264, 269-270. Aug. 3, 1945. 302.8 W89
- 16694 JAHN, E. C. The Swedish pulp and paper industry. *Paper Mill News* 68(31): 26, 28. Aug. 4, 1945. 302.8 P195
- 16695 KELLOGG, R. S. Newsprint paper in 1944. *World's Paper Trade Rev.* 124: 203-204. July 27, 1945. 302.8 W89
- 16696 LANDES, C. G., and MAXWELL, C. S. A study of the melamine resin process for producing wet strength paper. *Paper Trade J.* 121(TAPPI Sect.): 51-60. Aug. 9, 1945. 302.8 P196
- 16697 LINCOLN, W. B. Development of "V" and "W" board weatherproof corrugated shipping containers. (Abridgment.) *Paper Indus. and Paper World* 27: 766-768, 770. Aug. 1945. 302.8 P1923
- 16698 NEUBRECH, W. L., COLLIER, D., and BOYCE, C. W. The world's paper and wood pulp industry before and after V-E Day. *U. S. Bur. Foreign. and Dom. Com. Indus. Ser.* 14, 49 p., processed. Washington, 1945. 157.54 In24
- 16699 SANTMYERS, D. Vinyl resin adhesives use in weatherproof boxes. *Paper Trade J.* 121 (TAPPI Sect.): 34-35. July 26, 1945. 302.8 P196
- 16700 U. S. BUREAU OF FOREIGN AND DOMESTIC COMMERCE. PULP AND PAPER UNIT. In the vital pulp and paper trade; review of today's situation. *Foreign Com. Weekly* 20(7): 46-47. Aug. 11, 1945. 157.54 F763
- 16701 WOODSIDE, V. A review of pulp bleaching. II. Tests for bleachability. *Paper Mill News* 68(32): 21-22. Aug. 11, 1945. 302.8 P195

Tanning Materials

- 16702 \*R., W. VON. Gran- och ekbark nödvändig för vår läderberedning. *Jordbrukarnas Föreningsblad.* Uppl. A: Östra Mellansverige och Gästrikland 15(20): 12-13. May 19, 1945. 11 J762
- Directions for collecting and transporting spruce and oak bark for tanning.

Veneers and Plywood

- 16703 BOOTH, F. L. Veneering and machining laminated door stock. *Veneers and Plywood* 39(8): 8, 10-11. Aug. 1945. 99.82 V55
- 16704 CARLE, A. B. Handling material in the plywood department. *Veneers and Plywood* 39(8): 16, 18. Aug. 1945. 99.82 V55
- 16705 DEVLIN, C. E. The fir plywood industry. *Veneers and Plywood* 39(8): 24. Aug. 1945. 99.82 V55 Douglas-fir plywood.
- 16706 HEEBINK, B. G. Some methods of gluing light laminated or plywood curved shapes from veneers. *Wood Prod.* 50(8): 38, 40, 42, 44, 46. Aug. 1945. 99.82 W856
- 16707 SMITH, P. I. Radio-frequency moulding of plywood drums. *Wood* 10: 170-171. July 1945. 99.82 W855

Wood as Fuel

- 16708 FUEL wood specialist. *Timberman* 46(10): 78, 82. Aug. 1945. 99.81 T484
- Describes cordwood cutting and splitting machine.

16709 KLUENDER, W. A. Fuelwood production lags in Wisconsin. *Wood Prod.* 50(8): 49. Aug. 1945. 99.82 W856

16710 \*SALDARELLI, R. L'economia dei combustibili vegetali. *Riv. Forest. Ital.* 3(9/12): 32-41. Sept./Dec. 1941. 99.8 R522

Includes statistics of production, exports, imports, and prices of firewood and charcoal in Italy.

16711 WOLFF, E. Wood is worth gleanings [for fuel]. *Family Herald and Weekly Star* 76(34): 6. Aug. 22, 1945. 7 F21

MISCELLANEOUS

- 16712 CANADA. DEPT. OF MINES AND RESOURCES. LANDS, PARKS AND FORESTS BRANCH. Report...for the fiscal year ended March 31, 1944. p. 61-107. Ottawa, 1945. 279.9 C162
- 16713 \*CEYLON. CONSERVATOR OF FORESTS. Administration report...for 1943. 7 p. Colombo, Ceylon Govt. Press, 1945. 99.9 C33
- 16714 COCHRAN, A. R. The future of Virginia's national forests. *Gard. Gossip* 20(8): 10-11. Aug. 1945. 80 G1625
- 16715 FLORIDA. FOREST AND PARK SERVICE. Eighth biennial report... July 1, 1942-June 30, 1944. 31 p. Tallahassee, 1945. 99.9 F662W
- 16716 LOKEMOEN, T. Reforestation program dedicates Wisconsin's big community forest; tree planting activities and ceremony inaugurates memorial to World War II vets. *Timber Topics* 8(2): 1-2, 4. July/Aug. 1945. 99.81 T486
- 16717 MARYLAND. COMMISSION OF STATE FORESTS AND PARKS. Report...1943-1944. 12 p. Annapolis, Md., 1945. 99.9 M363
- 16718 PITTMAN, F. B. The Mississippi Forestry and Chemurgic Association. *Rural Life* [Jackson] 1(2/3): 78-79. Oct. 1944/Jan. 1945. 281.28 R883
- 16719 REDDING, H. S. Mississippi national forests. *Rural Life* [Jackson] 1(2/3): 99-101. Oct. 1944/Jan. 1945. 281.28 R883
- 16720 UGANDA PROTECTORATE. FOREST DEPT. Annual report for the year ended 31st December, 1944. 8 p. Uganda, Government Printer, 1945. 99.9 Ugl

Education

- 16721 \*STUMPF, F. Zur methodenfrage in der forstwirtschaftslehre. *Allg. Forst u. Jagd Ztg.* 116: 275-278. Nov. 1940. 99.8 A13
- 16722 WAGER, J. V. K. Colorado Forestry School points out need of territory. *Timber Topics* 8(2): 11. July/Aug. 1945. 99.81 T486
- 16723 WAGLE, R. F. Defects in present forestry training. *J. Forestry* 43: 529-530. July 1945. 99.8 F768

Engineering

- 16724 STORY, H. D., JR. Permanent tower maps [inscribed on glass]. *J. Forestry* 43: 606-607. Aug. 1945. 99.8 F768

Forest Influences

- 16725 ANGEL TOBAL, M. El árbol constituye un serio problema nacional. *Pampa Argentina* 19(214): 14. June 1945. 9 F19
- On the intangible benefits of forests.

Wildlife

- 16726 KRAUCH, H. Influence of rodents on natural regeneration of Douglasfir in the Southwest. *J. Forestry* 43: 585-589. Aug. 1945. 99.8 F768
- Suggests use of control measures in good seed years.
- 16727 SCHANTZ-HANSEN, T. Red squirrel damage to mature red pine. *J. Forestry* 43: 604-606. Aug. 1945. 99.8 F768



ANIMAL INDUSTRY

## BREEDS AND BREEDING

- 16728 \*BONADONNA, T. La fecondazione artificiale dal punto di vista scientifico e applicativo. *Azione Vet.* 10: 320-324. Sept. 15, 1941. 41.8 Az3
- 16729 BREEN, J. F. Hybridization. *All-Pets Mag.* 16(15): 65-66. Aug. 1945. 48.8 AL5  
Includes dogs, cats, and rabbits.
- 16730 ESQUIVEL RICHMOND, E. La inseminación artificial. *Agr. Costarricense* 3: 213-215. May/June 1945. 8 Ag895
- 16731 FOSTER, J. C., JR. Breeding lore; more about the gene and the individual. *Amer. Field* 144: 95. Aug. 11, 1945. 410 Am3  
A general account.
- 16732 \*GALLINA, L. A proposito della prevenzione della sterilità. *Azione Vet.* 10: 161-164. Apr. 30, 1941. 41.8 Az3
- 16733 HULTZ, F. S. Lessons in animal breeding. 3. Mutations and acquired characters. *Sheep and Goat Raiser* 25(11): 28, 30. Aug. 1945. 45.8 Sh3  
This magazine is "re-running these articles."
- 16734 \*LUSTIG, M. Report on my visit to the Artificial Insemination Institute at Cambridge. (In Hebrew.) *Hassadeh* 25: 324-326. June 1945. 26 H27
- 16735 MAYER, D. T., and LASLEY, J. F. The factor in egg yolk affecting the resistance, storage potentialities, and fertilizing capacity of mammalian spermatozoa. *Amer. Soc. Anim. Prod. J. Anim. Sci.* 4: 261-269. Aug. 1945. 49 J82
- 16736 MILLER, J. C. Production and reproduction. *Jersey B.* 64: 1102-1103, 1169-1170. Aug. 20, 1945. 43.8 J48  
Sterility in livestock and the effect of feeding.
- 16737 \*ROSSI, R. P. La pluriparità: fattore economico. *Azione Vet.* 11: 32-34. Feb. 28, 1942. 41.8 Az3
- 16738 SABOURIN, R. P. The role of breeders' associations. *Macdonald Col. J.* 5(11): 12-14. July 1945. 101 M144
- 16739 \*SALAZAR, Z. La selección artificial en ganadería. *Surco [Madrid]* 4(38): 5-8. Apr. 1945. 15 Su7
- 16740 \*ZAVADOVSKIĬ, B. K voprosu o vnesnkh i vnutrennkh faktorakh fkhlovosti skota [Concerning the question of external and internal factors of sterility in livestock]. *Sovkhoz. Proizvod.* 5(3): 30-33. Mar. 1945. 20 So85
- 16741 ZAVADOVSKY, A. M. Fertility of livestock increased by hormone method. *Agr. Com. Amer.-Soviet Friendship. Release* 32, 2 p., processed. Aug. 15, 1945. 20 Ag89

## FEEDS AND FEEDING

- 16742 ALGERIA. DIRECTION GENERALE DES AFFAIRES ÉCONOMIQUES. SERVICE DE L'ÉLEVAGE. Aliments de remplacement pour le bétail. *Algeria. Dir. de l'Agr. Docs. et Renseign. Agr. B.* 116, 4 p. Alger, 1945. 24 AL34
- 16743 ALMQUIST, H. J. Proteins and amino acids. *Flour & Feed* 46(3): 10-12. Aug. 1945. 298.8 F66
- 16744 ARCHIBALD, J. G. Ont feed as a silage preservative. *Mass. State Col. Ext. Mass. Dairy Digest*, Aug. 6, 1945, p. 1-3, processed. 275.29 M381Md
- 16745 BELLE, G. Utilisation de quelques denrées de substitution dans l'alimentation des animaux. *Terre Maroc.* 15(187): 6-12. June 1945. 24 T44
- 16746 BLANCHET, J. Quelques points d'alimentation. *Terre de Chez Nous* 17(47, i. e. 46): 7. Aug. 22, 1945. 7 T27  
Horses, cows, and sheep.
- 16747 BOHSTEDT, G. Meat from wheat. *Breeder's Gaz.* 110(8): 5, 23. Sept. 1945. 49 B74
- 16748 BOHSTEDT, G. Quality feeds essential. *Shorthorn World* 30(10): 3-4. Aug. 10, 1945. 43.8 Sh8  
For livestock.
- 16749 \*BORG, J. Ett kinkigt problem att tillvarata betesöverskottet. *Lantmannen* 29: 479-480. May 26, 1945. 11 L234  
Utilization of pasture surplus as feed in Sweden.
- 16750 \*BRÉTIGNIÈRE, L. L'ensilage acide en cuves. *Rev. des Agr. de France* 74: 137. June 1942. 14 R325
- 16751 C., E. W. "Fodder bank" for drought; conserve supplies in all districts to ensure pastoral stability. *Farmer and Settler* 40(20): 6. June 15, 1945. 23 F226  
Australia.
- 16752 CARR, D. A. Minerals in animal nutrition. *Feedstuffs* 17(31): 34-37. Aug. 4, 1945. 286.81 F322
- 16753 \*CHALINE, R. Les condiments pour animaux. *Rev. des Agr. de France* 74: 213. Nov. 1942. 14 R325
- 16754 EMSLIE, A. R. G. Chemists make study of vitamins in feeds. (Sum.) *Weekly Market News* 23 (32): 1. Aug. 9, 1945. 286.81 G762A
- 16755 EVANS, E. V., YOUNG, D. M., and BRANION, H. D. Riboflavin content of Canadian feedstuffs. *Sci. Agr.* 25: 542-544. May 1945. 7 Sci2
- 16756 GODBOUT, E. Comparaison des récoltes de grande culture au point de vue des éléments nutritifs totaux. *Terre de Chez Nous* 17(40, i. e. 41): 15. July 18, 1945. 7 T27
- 16757 \*HJELLBERG, A. Fosforsyrans värde som tillätsmedel samt inflyandet av temperaturen och grönmassans torrsubbstanshalt vid ensilering av vallfoder (The preservative value of phosphoric acid and the influence of temperature and dry matter content in the material by making silage of grassland crops). *K. Lantbruksakad. Tidskr.* 84: 139-179. 1945. Ref. 104 Sw3  
English summary.
- 16758 \*JARL, F. Inför den nya ensileringsäsongen. *Lantmannen* 29: 434. May 12, 1945. 11 L234  
Use of silage to conserve feed in Sweden.
- 16759 \*JARL, F., and HELLEDAY, T. Vasslens sammansättning, näringsvärde och användbarhet (The composition, nutritive value and utilization of whey). *K. Lantbruksakad. Tidskr.* 84: 106-126. 1945. Ref. 104 Sw3  
English summary.
- 16760 MCKERIHAN, C. R. Sound form of rural investment; fodder conservation is good business. *Farmer and Settler* 40(20): 19. June 15, 1945. 23 F226  
Australia.
- 16761 MEDINA, G. O fado e o crescimento dos animais. *Campo [Rio de Janeiro]* 16(186): 65. June 1945. 9.2 C15
- 16762 MIEGE, E. Fourrages de disette. *Inform. Maroc. (n. s.)* 14(283): 2. (Concl.) July 14, 1945. 281.8 In3
- 16763 \*MILA, L. Le sel dans l'alimentation du bétail. *Rev. des Agr. de France* 74: 151-152. July 1942. 14 R325
- 16764 MOTZOK, I., and others. The chemical composition of feeding stuffs available in Canada. *Sci. Agr.* 25: 525-527. May 1945. 7 Sci2  
D. C. Hill, H. D. Branion, W. D. M. Graham, and H. W. Schmaltz, joint authors.
- 16765 NICOL, H. Minerals and management of pastures. *Farmer Weekly [London]* 23(4): 30. July 27, 1945. 10 F2226
- 16766 PELLETIER, J. M. Quelques secrets sur l'ensilage. I-II. *Terre de Chez Nous* 17(46, i. e. 45): 16, 23; (47, i. e. 46): 13. (Concl.) Aug. 15, 22, 1945. 7 T27
- 16767 FENCE, M. O. Boom in silage [rye]. *Successful Farming* 43(9): 108-109. Sept. 1945. 6 Suc2
- 16768 \*PERGOLA, V. L'avitaminosi negli animali agricoli. *Azione Vet.* 11: 206-208. Sept. 30, 1942. 41.8 Az3



16769 \*PICCOLI, G. Sull'utilità della coltivazione del fico d'India, quale risorsa foraggera, nelle nostre colonie. Agr. Colon. 37: 267-275.

Nov./Dec. 1943. 26 Ag82

16770 \*SINGH, A. A note on the crude fibre of sunflower (*Helianthus annuus*). Indian J. Vet. Sci. and Anim. Husband. 13: 168-170. June 1943. 41.8 In22

As feed for livestock.

16771 \*"STARF," E. La harina de algas secas, como alimento para el ganado. Surco [Madrid] 4(37): 2-3. Mar. 1945. 15 Su7

16772 STODDART, L. A. Maximum range productivity comes from livestock and big game use. Utah Farmer 65(2): 21, 27. Aug. 15, 1945. 6 D45

16773 VAN DERLINDEN, L. The function of minerals on human and animal systems. New Agr. 27(11): 6. Aug. 1945. 66.8 Su32

16774 WURST, W. F. Fodder conservation. So. Austral. Dept. Agr. J. 48: 423. May. 1945. 23 So84

Mainly about straw as feed.

16775 \*ZHURAVLEV, E. Vitamin "D" v ratsionakh zhivotnykh [Vitamin "D" in the rations of livestock]. Sovkhoz. Proizvod. 5(3): 36-37. Mar. 1945. 20 So85

#### VETERINARY MEDICINE

16776 \*BARDELLI, P. La medicina veterinaria nell'Università di Padova. Azione Vet. 11: 184-186. Aug. 30, 1942. 41.8 Az3

16777 BOWER, C. W. Livestock diseases and their control. Kans. State Bd. Agr. Rpt. 64(266): 112-116. Apr. 1945. 2 K13Re

An historical account of veterinary medicine.

16778 BOYD, W. L. Are we controlling Bang's disease? Ind. State Dairy Assoc. Ann. Rpt. (1945) 55: 11-13. 44.9 In22

In livestock.

16779 BRAGA, A. Sobre a vacinação anti-rábica dos animais domésticos. Inst. Vital Brazil. B. 4 (27): 8-46. Dec. 1944. Ref., p. 41-46. 448.9 In75B

16780 BREGANTE, L. J. Fisiología del peritoneo en animales domésticos. Uruguay. U. Facul. de Vet. An. 4: 411-432. (To be cont.) Dec. 1944. 41.9 M764

16781 BROWN, P. R. Ethics in the practice of veterinary medicine. North Amer. Vet. 26: 530-531. Sept. 1945. 41.8 N812

16782 BUCCLEUCH, DUKE OF. Animal Diseases Research Association; some historical notes. Scot. Farmer 55: 863. Aug. 11, 1945. 10 Sco8

16783 CABOT, D. Foot-and-mouth disease: its epizootiological aspect. Vet. Rec. 57: 375-377. Aug. 11, 1945. 41.8 V641

Discussion, p. 377-379.

16784 \*CAZZOLA, M. Nuova tenaglia per la castrazione incruenta degli animali. Azione Vet. 10: 310-312. Aug. 15/30, 1941. 41.8 Az3

16785 CENTRAL VETERINARY SOCIETY. Surgical technique in general veterinary practice. Vet. Rec. 57: 327-329, 336-338. July 7-14, 1945. 41.8 V641

Discussion opened by C. Formston and S. F. J. Hodgman, p. 327-329; General discussion, p. 329, 336-338.

16786 \*CHAUDHURI, H., SINGH, B., and THIND, K. S. A note on the life-history and the systematic position of *Rhinosporidium seeberi* (Wernicke). Indian Bot. Soc. J. 24: 4-9. Feb. 1945. Ref. 450 J821

16787 CLER, G. O. Urticaria. Buenos Aires (Prov.) Dir. de Ganad. B. de Ganad. 1(8/9): 68-70. May/June 1945. 49 B86

16788 \*COL, G. Generalità della termoprecipitazione. Azione Vet. 10: 111-115. Mar. 15, 1941. 41.8 Az3

With special reference to anthrax.

16789 COLE, H. E., and others. A review of the bloat in ruminants. Amer. Soc. Anim. Prod. J. Anim. Sci. 4: 183-236. Aug. 1945. Ref. 49 J82

C. F. Huffman, M. Kleiber, T. M. Olson, and A. F. Schalk, joint authors.

16790 \*CORSI, T. La radiestesia in veterinaria. Azione Vet. 10: 246-247. July 15, 1941. 41.8 Az3

16791 CRAM, J. S. On guard against disease in Canada. Family Herald and Weekly Star 76(32): 3-4. Aug. 8, 1945. 7 F21

16792 DAMUDE, D. F. Veterinary science is boon to mankind; health of humans and health of animals closely linked. Marit. Farmer and Co-op. Dairyman 50(22): 18, 44. Aug. 21, 1945. 7 C77

History.

16793 DEVITA, J. Comments on sex hormone therapy. North Amer. Vet. 26: 529, 534. Sept. 1945. 41.8 N812

16794 DIXON, E. W. Heredity of disease. Austral. Farm and Home 54: 166-167. May 30, 1945. 23 Au7

16795 \*DOMINICIS, L. DE. Profilo storico della medicina veterinaria dalle origini ai giorni nostri. Azione Vet. 11: 157-165. July 30, 1942. 41.8 Az3

16796 DYKSTRA, R. R. Ergotism. Aberdeen-Angus J. 27(1): 47. Aug. 1945. 43.8 Ab3

A general account.

16797 \*ENICK, K. Die rickettsiosen der Haustiere. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 335-336, 375-376. Aug. 26, Sept. 23, 1944. 41.8 D482

16798 FALCIONI, A. C. El peligro de las carnes de consumo no inspeccionadas; triquinosis y Lombriz solitaria. Buenos Aires (Prov.) Dir. de Ganad. B. de Ganad. 1(6/7): 20-24. Mar./Apr. 1945. 49 B86

Includes description of *Taenia solium* and *Taenia saginata*.

16799 \*FAVILLI, N. In merito ad un punto di elezione migliore nelle pratica delle paracentesi gastrica nei ruminanti. Azione Vet. 11: 97-98. Apr. 30, 1942. 41.8 Az3

16800 \*FAVILLI, N. Per una migliore intelligenza sulla situazione ed i rapporti della milza nei ruminanti domestici. Azione Vet. 10: 16-18. Jan. 30, 1942. 41.8 Az3

16801 FETHERS, G. Immunisation of animals. Part II. Past. Rev. 55: 433-434. June 16, 1945. 23 Au75

16802 \*FRANCESCO, M. Contributo alla conoscenza degli accidenti da sulfamidoterapia in medicina veterinaria. Azione Vet. 10: 384-389. Oct. 30, 1941. Ref. 41.8 Az3

16803 \*GEROSA, G. L'approvvigionamento delle carni attraverso i raduni. Costatazioni e suggerimenti sanitari. Azione Vet. 10: 101. Mar. 15, 1941. 41.8 Az3

Italy.

16804 \*GEROSA, G. Il complesso chimico bismuto-lectina-rame (Laringosil) in campo veterinario. Azione Vet. 11: 210-212. Sept. 30, 1942. 41.8 Az3

16805 \*GOHDE, G. Erleichterte diagnose von muskeltrichinen im gewebe durch fluoreszenzmikroskopie. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 329. Aug. 26, 1944. 41.8 D482

16806 \*GRANELLI, G. Per una pratica e conveniente modifica al metodo di preparazione del vaccino antiaftoso di Waldmann e Kbbe (nota preventiva). Azione Vet. 11: 19-22. Jan. 30, 1942. 41.8 Az3

16807 \*GRANELLI, G. Su un procedimento rapido di agglutinazione macroscopica dopo centrifugazione (metodo di Gaetgens) applicabile alla siero-diagnosi di aborto epizootico. Azione Vet. 10: 80-85. Feb. 15, 1941. 41.8 Az3

16808 HANCOCK, E. E. I. Some common animal diseases; horses, cattle, swine, sheep, poultry. Nova Scotia. Dept. Agr. B. Can. S. 10, 67 p. Halifax, 1944. 7 N85

16809 HOWELL, G. C. Cyanide poisoning. Norden News 19(4): 5. July/Aug. 1945. 41.8 N75

16810 HUDDLESON, I. F. Prevention of Brucella allergy in veterinarians. North Amer. Vet. 26: 466-468. Aug. 1945. 41.8 N812

16811 \*K., G. Einiges über hormone. Schweiz. Milchztg. 71: 271. July 27, 1945. 44.8 Sch92



- 16812 \*KARSTEN. Über die Grundlagen der Immunität bei den bruzellosen der Haustiere u. die daraus zu ziehenden Folgen für die Bekämpfung des abortus-Bang des Rindes. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 281-287. July 29, 1944. 41.8 D482
- 16813 \*KRÜGER, E. Die Verhütung der schädlichen Wirkung fluorhaltiger Industrieexhalationen. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 271-273. July 15, 1944. 41.8 D482
- 16814 LACROIX, J. V. Method and vogue in veterinary practice. M. S. C. Vet. 5: 69-76, 83. Winter 1945. 41.8 M582
- From historical point of view.
- 16815 \*LEVI, M. L. Contribution à l'étude des conjonctivites rickettsiennes des petits ruminants. Inst. Pasteur [Paris]. Ann. 64: 542-557. June 1940. 448.3 An75
- 16816 LEVINSON, S. O., and others. A new method for the production of potent inactivated vaccines with ultraviolet irradiation. II. Sterilization of bacteria and immunization with rabies and St. Louis encephalitis vaccines. J. Immunol. 50: 317-329. June 1945. 448.8 J8232
- A. Milzer, H. J. Shaughnessy, J. L. Neal, and F. Oppenheimer, joint authors.
- 16817 \*LOPERFIDO, L. I medici veterinari e la guerra. Azione Vet. 11: 253-254. Nov. 30, 1942. 41.8 Az3
- In Italy.
- 16818 LUBRANO, J. Cuidados y tratamiento del ganado. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 35: 75. May/June 1944. 8 R323
- Pertains to diseases.
- 16819 \*MANCIA, G. B. C. Finimento brevettato per la riduzione dell'utero prolassato. Azione Vet. 11: 98-100. Apr. 30, 1942. 41.8 Az3
- 16820 MARINI, J. A. Profilaxis alimentaria de la brucelosis. Res 13: 17644. July 5, 1945. 286.85 R31
- 16821 \*MASSIRONI, G. L'Ormoplastina per la cura di talune affezioni cutanee in medicina veterinaria. Azione Vet. 11: 243-247. Oct. 30, 1942. 41.8 Az3
- 16822 MAYO, N. S. Reminiscences. VII. Vet. Med. 40: 315-316. Sept. 1945. 41.8 M69
- Nelson S. Mayo's recollections of his veterinary practice and veterinarians he has known.
- 16823 MELLO, M. J. DE., and CUOCOLO SOBO., R. Helminthoses dos ruminantes domésticos (boi, carneiro e cabra). Biológico 11: 159-167. (To be cont.) June 1945. 442.8 B529
- 16824 \*MINETT, F. C., and DHANDA, M. R. Multiplication of *Bacillus anthracis* and *Clostridium chauvoei* in soil and in water. Indian J. Vet. Sci. and Anim. Husb. 11: 308-328. Dec. 1941. 41.8 In22
- Seven tables follow text, p. 322-328.
- 16825 MOORE, T., and MACKIE, C. Factors affecting the tube agglutination test for Bang's disease. Canad. J. Compar. Med. 9: 192-196. July 1945. 41.8 C162
- 16826 MORRIS, E. S. Anthrax in humans. A warning to those handling animals. Agr. Gaz. N. S. Wales 56: 260. June 1, 1945. 23 N472
- 16827 \*NUSSEHAG, W. Gedanken zur rotlaufimpfung. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 287-291, 304-307. July 29, Aug. 12, 1944. 41.8 D482
- 16828 OLIVA, G. R. El medico veterinario en la explotación ganadera. Ecuador. Primera Zona. Cám. de Agr. Rev. 7: 218-225. Apr. 1945. 9.5 Ec96
- 16829 ORTIZ GARMENDIA, J. Contribución al estudio de las plantas venenosas para el ganado en la región norte. Agr. del Norte 29: 89-92. (To be cont.) Apr./May 1945. 9.3 Sol4
- In Chile.
- 16830 PENHA, A. M. Moléstias infecciosas e parasitárias mais importantes dos animais domésticos observadas no Estado de S. Paulo. Biológico 11: 140-142. May 1945. 442.8 B529
- 16831 \*FERGOLA, V. Precisazione sul trattamento ombelicale dei neonati. Azione Vet. 10: 196-197. May 30, 1941. 41.8 Az3
- 16832 \*PETRAGNANI, G. Alcuni esperimenti di vaccinazione antiaftosa con miscela cloruro di sodio-virus essiccato. Azione Vet. 10: 207-208. May 30, 1941. 41.8 Az3
- Reprint from "Notiziario dell'Amministrazione Sanitaria del Regno."
- 16833 \*PETRAGNANI, G. Di un particolare metodo di conservazione del virus aftoso e di alcuni tentativi di vaccinazione. Azione Vet. 10: 204-206. May 30, 1941. 41.8 Az3
- Reprint from "Notiziario dell'Amministrazione Sanitaria del Regno."
- 16834 POZZI, C. M. Inmunización antiaftosa. Buenos Aires (Prov.) Dir. de Ganad. B. de Ganad. 1 (8/9): 6-17. May/June 1945. 49 B86
- 16835 \*RAO, M. A. N. Notes of parasitological interest. Indian J. Vet. Sci. and Anim. Husb. 13: 178-179. June 1943. 41.8 In22
- Internal parasites of livestock.
- 16836 \*REISINGER, L. Kommen geisteskrankheiten bei tieren vor? Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 352-353. Sept. 9, 1944. 41.8 D482
- 16837 \*REMLINGER, J., and BAILLY, J. Les virus rabiques naturellement atténués. Inst. Pasteur [Paris]. Ann. 68: 314-322. Apr./June 1942. 448.3 An75
- 16838 RIGGS, C. W. Nitrite poisoning from ingestion of plants high in nitrate. Amer. J. Vet. Res. 6: 194-197. July 1945. 41.8 Am3A
- 16839 RISER, W. H. Postwar planning. North Amer. Vet. 26: 463-465. Aug. 1945. 41.8 N812
- 16840 ROHLF, J. A. Science cracks down on animal diseases. Amer. Drug. 112(2): 72-73, 108, 148. Aug. 1945. 396.8 Am32
- Utilization of the new drugs for livestock.
- 16841 RUIZ, H. J. Peruvian veterinary education. M. S. C. Vet. 5: 77. Winter 1945. 41.8 M582
- 16842 RUNNELLS, R. A. History of veterinary medicine at Michigan State College. M. S. C. Vet. 5: 59-61. (To be cont.) Winter 1945. 41.8 M582
- 16843 \*SARKISOV, A., and others. Vredonosnost' perezimovavshikh na poliakh zlakov dlia sel'skokho-ziaistvennykh zhivotnykh (The toxicity for livestock of overwintered cereals). Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9(11/12): 5-11. 1944. 20 Akl
- E. Kvashnina, N. Korneev, and V. Koroleva, joint authors.
- 16844 \*SARWAR, M. M. Two new records of the species of the genus *Trichuris* from Indian ruminants. Cur. Sci. [Bangalore] 14: 156. June 1945. 475 Sci23
- Trichuris parvispiculum* and *T. discolor*.
- 16845 \*SASTRY, M. R. S., and others. Investigations on the toxicity of *Crinum defixum* Ker-Gawl. Indian J. Vet. Sci. and Anim. Husb. 13: 65-69. Mar. 1943. 41.8 In22
- C. K. V. Nayar, R. Ramaswamy, and K. Venkatachalam, joint authors.
- 16846 SCHNELLE, G. B. Treatment of osteomyelitis with penicillin. North Amer. Vet. 26: 540-542. Sept. 1945. 41.8 N812
- 16847 \*SCHOOPE, G. Infizieren, impfen, injizieren. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 273. July 15, 1944. 41.8 D482
- Discussion of the meanings of the words.
- 16848 \*SCHUMANN. Fortführung der arbeiten der tiergesundheitsämter im kriege. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 343-345. Sept. 9, 1944. 41.8 D482



- 16849 \*SENTHILLE, F. Recherches sur le type respiratoire de l'espèce *Corynebacterium pyogenes* (var. C. bovis, B. de Poels, et var. C. suis, B. de Gips). Inst. Pasteur [Paris]. Ann. 66: 78-82. Jan. 1941. 448.3 An75
- 16850 \*STAZZI, P. Alimentazione e malattie del bestiame. Azione Vet. 10: 137-140. Apr. 15, 1941. 41.8 Az3
- 16851 \*STAZZI, P. Cose vecchie e nuove sulle malattie del bestiame. Azione Vet. 455-457. Dec. 30, 1941. 41.8 Az3
- 16852 STEVENSON, W. G. Recent progress in veterinary medicine. Milling and Feed 26(6): 17-19. June 1945. 298.8 C162
- 16853 \*SUKHATME, P. V., and PANSE, V. G. Size of experiments for testing sera or vaccines. Indian J. Vet. Sci. and Anim. Husband. 13: 75-82. Mar. 1943. 41.8 In22
- 16854 SYKES, J. F., and others. The use of hormones in veterinary medicine. M. S. C. Vet. 5: 62-65, 82, 84. Winter 1945. 41.8 M582
- C. F. Cairy, C. F. Clark, C. L. Cole, B. R. Burmester, C. F. Huffman, and C. A. Hoppert, joint authors.
- Compilation of data from literature and clinicians.
- 16855 \*TARANTINO, G. B. Fotosensibilizzazione. Azione Vet. 11: 56-57. Feb. 28, 1942. 41.8 Az3
- 16856 \*UBERTINI, B. Profilassi immunitaria nella febbre aftosa. Azione Vet. 10: 393-403. Nov. 15, 1941. 41.8 Az3
- Criticism of article by A. Lanfranchi which appeared in Nuova Veterinaria, 1941, No. 5-12; Correspondence between the two, p. 403-407.
- Answered by A. Lanfranchi in Azione Vet. 10: 433-440; 11: 2-5, 63-70. Dec. 15, 1941, Jan. 30, Mar. 30, 1942. Reply by B. Ubertini in Azione Vet. 11: 105-116. May 30, 1942.
- 16857 \*USUELLI, F. Considerazioni sull'uso degli antisettici e in particolare degli ossicloruri elettrolitici in medicina veterinaria. Azione Vet. 10: 63-65. Feb. 15, 1941. 41.8 Az3
- 16858 \*USUELLI, F. Del valore degli antisettici e disinfettanti clorattivi nella lotta contro l'afta epizootica. Azione Vet. 10: 154-155. Apr. 15, 1941. 41.8 Az3
- 16859 \*VANSELOW. Zur behandlung des festliegenden post partum. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 308. Aug. 12, 1944. 41.8 D482
- 16860 VAZ, E. Decentralized antirabic service in Brazil. Pan Amer. Union. B. de la Ofic. Sanit. 24: 297-302. Apr. 1945. 150.9 B872
- 16861 \*VIANELLO, G. Il commercio degli animali quale elemento di trasmissione di malattie infettive. Azione Vet. 11: 168-173. July 30, 1942. 41.8 Az3
- 16862 \*VIANELLO, G. Osservazioni sulla traumatologia dolosa dei grossi animali domestici. Azione Vet. 11: 24-26. Jan. 30, 1942. 41.8 Az3
- 16863 \*ZEETTI, R. Ricerche sull'azione degli ossicloruri elettrolitici nelle lesioni podali dell'afta sperimentale. Azione Vet. 11: 286-293. Dec. 30, 1942. 41.8 Az3
- 16864 \*ZIEGLER, H. Zur anatomie der liquorpunktionsstellen bei haustieren. Schweiz. Arch. f. Tierheilk. 87: 247-253. July 1945. 41.8 Sch9
- 16868 CASTAGNET, A. D. El matadero de La Plata. Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1 (8/9): 30-32. May/June 1945. 49 B86
- 16869 \*GALBUSERA, S. Macellazioni d'urgenza e non d'urgenza. Azione Vet. 10: 357-358. Oct. 15, 1941. 41.8 Az3
- 16870 GARNER, F. H. Why livestock are kept on the farm. Young Farmer 13: 83-84. July/Aug. 1945. 10 Y8
- 16871 \*HAUTION, R. Le marquage des animaux. Rev. des Agr. de France 73: 72. Mar. 1941. 14 R325
- 16872 HOLDEN, H. F. Animal pigments. Ann. Rev. Biochem. 14: 599-616. 1945. Ref. 381 An7
- 16873 \*KEHREN. Die diesjährige frühjahrsauptkörnung in Luxemburg. Landesbauernschaft Moselland. Wchnbl., No. 29/30, p. 394-395. July 24, 1943. 18 L2328
- 16874 NOVELO FRANCO, E. Vocabulario de los términos más usuales. Fomento [monthly] 2(18): 16, 21. Apr. 1945. 8 F734
- 16875 \*FERGOLA, V. Il promettente risultato dei Littoriali del lavoro zootecnico. Azione Vet. 10: 158-159. Apr. 30, 1941. 41.8 Az3
- 16876 URIBE G., J. E. Concursos y exposiciones ganaderas. Vida Rural 6(71): 17. June 1945. 9.4 V66

## CATTLE

## Breeds and Breeding

- 16877 AMERICAN ABERDEEN-ANGUS BREEDERS' ASSOCIATION. Aberdeen-Angus cattle. Vol. 50, containing entries from 634501 to 652500, Oct. 1941 to Jan. 1942. 654 p. Webster City, Iowa, Aberdeen-Angus Journal, 1944. 43.9 Am32
- 16878 AMERICAN HEREFORD ASSOCIATION. Herefords the beef breed supreme. Tex. Livestock J. 4(8): 32, 34, 37. (To be cont.) Aug. 15, 1945. 49 T29
- 16879 \*ANDERSSON, I. H. Vilka tjurar böra användas i seminaveln [What bulls should be used in artificial insemination?]. Lantmannen 29: 535. June 9, 1945. 11 L234
- 16880 \*ANTONELLI, A. Sulle "direttive per la cura della sterilità dei bovini." Azione Vet. 10: 117-122. Mar. 30, 1941. 41.8 Az3
- Italy.
- 16881 BAKER, G. A., MEAD, S. W., and REGAN, W. M. Effect of inbreeding on the growth curves of height at withers, weight, and heart girth of Holstein females. J. Dairy Sci. 28: 607-610. Aug. 1945. 44.8 J822
- 16882 BARTLETT, S. Cotnareanu to ship Blacks to French beef producers. Aberdeen-Angus J. 27(1): 38. Aug. 1945. 43.8 Ab3
- 16883 BATTLES, O. V. Aberdeen-Angus cattle have successfully met every challenge issued on Pacific Coast. Aberdeen-Angus J. 27(1): 51, 192-193. Aug. 1945. 43.8 Ab3
- 16884 BATTLES, O. V. Something about the Angus Association. Tex. Livestock J. 4(7): 22, 24. July 15, 1945. 49 T29
- American Aberdeen-Angus Breeders' Association.
- 16885 \*BESKHEBNÓV, A. Ratsional'naiâ organizatsiâ vol'noy sluchki [Rational organization of free mating]. Sovkhoz. Proizvod. 5(3): 34-36. Mar. 1945. 20 So85
- In cattle.
- 16886 \*BONADONNA, T., and RIMOLDI, A. Osservazioni sulla produzione spermatica dei tori da macello, in rapporto alla razza, all'età, al peso vivo. Azione Vet. 11: 149-153, 218-222. June 30, Sept. 30, 1942. 41.8 Az3
- 16887 \*BRASSE-BROSSARD, L. Les races bovines françaises. Rev. des Agr. de France 75: 69-70, 88-89, 104-105. May-July 1943. 14 R325
- 16888 BURROWS, G. T. How a few Englishmen saved the Milking Shorthorn. Milking Shorthorn J. 26(8): 3-4. Aug. 1945. 43.8 M59

## MISCELLANEOUS

- 16865 BAILEY, C. F. Livestock fairs past and present. Marit. Farmer and Co-op. Dairyman 50(22): 40, 42. Aug. 21, 1945. 7 C77
- Canada.
- 16866 BURKE, M. J. Coyote control methods. Mont. Farmer 32(24): 7. Aug. 15, 1945. 6 M764
- 16867 CARVER, G. L. Foxes estimated to cost farmers of Georgia \$20,000,000 annually; many are infected with rabies. Ga. Farm Bur. News 8(10, 1. e. 11): 3. June 1945. 275.293 Georgia



- 16889 \*CARLSSON, C. E. Är nötkreaturens fruktsamhet beroende av deras utfodring [Is the fertility of cattle dependent on their feeding?]. *Lantmannen* 29: 552. June 16, 1945. 11 L234
- 16890 CRAM, J. S. Calves by test tube...artificial breeding unit in Leeds County, Ontario. *Family Herald and Weekly Star* 76(30): 3. July 25, 1945. 7 F21
- 16891 CRISSEY, A. N. Rosni herd makes Holstein history. *South. Planter* 106(8): 16-17, 19. Aug. 1945. 6 So89  
Description of a dairy farm.
- 16892 CROSSBRED Brahman. *Brahman Breeder-Feeder* 11(6): 19-30. July 1945. 43.8 B72
- 16893 DAY, D. I. Two little Hoosier herds. *Milking Shorthorn J.* 26(8): 34-35. Aug. 1945. 43.8 M59
- 16894 ELLIS, O. B. A great future for the Blacks exists in the Southland; Shelby County (Tennessee) Penal Farm points the way. *Aberdeen-Angus J.* 27(1): 44-45, 158. Aug. 1945. 43.8 Ab3
- 16895 EPPLE, MRS. J. The McHenry Barbaras. *Aberdeen-Angus J.* 27(1): 39, 191-192. Aug. 1945. 43.8 Ab3
- 16896 \*FUMAGALLI, Su un nuovo reperto ottenuto col metodo di Gram nelle testa dello spermatozoo di bos tauros durante il cosiddetto periodo di maturazione nelle vie genitali. *Azione Vet.* 10: 324-325. Sept. 15, 1941. 41.8 Az3
- 16897 \*GALLINA, L. Di forme strane di sterilità nelle bovine. *Azione Vet.* 11: 200-203. Aug. 30, 1942. 41.8 Az3
- 16898 GOODWIN, J. P. Jersey Society's big new plan. *Farmer & Stock-Breeder* 59: 1198. July 31, 1945. 10 F228  
English Jersey Cattle Society's breed improvement plan.
- 16899 GREEN, G. W. Have gone far after a right start; Hutchins & Hutchins...prove the value of quality and modern methods in their Louisiana farming. *Amer. Hereford J.* 36(8): 6-7, 70-71, 74. Aug. 15, 1945. 43.8 Am32
- 16900 \*HABARAGODA, J. Cross breeding of cattle in Ceylon. *Trop. Agr. [Ceylon]* 100: 147-149. July/Sept. 1944. 26 T751
- 16901 \*HAHN, H. Vorbildliche züchterische Leistungen einer bäuerlichen Fleckviehzucht in Sachsen-Anhalt. *Deut. Landw. Tierzucht* 48: 97. June 17, 1944. 49 D48
- 16902 HARDY, W. J. Down the middle of the road with Milking Shorthorns. *Tex. Livestock J.* 4(7): 49-50. July 15, 1945. 49 T29
- 16903 HINTON, S. A. Breeding age for dairy heifers. *South. Agr.* 75(8): 18-19. Aug. 1945. 6 So83
- 16904 JACKSON, J. W. The Herefords. *Tex. Livestock J.* 4(8): 20. Aug. 15, 1945. 49 T29
- 16905 JOHNSON, L. Fifty years with Jerseys. *West. Farm Life* 47(12): 3, 7-8. July 15, 1945. 6 R153
- 16906 \*KEDROV, V. Prichiny falovosti korov i meropriyatia po ee likvidatsii (The causes of barrenness in cows and measures to its elimination). *Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok.* 10(1/2): 34-39. 1945. 20 Akl
- 16907 LABARTHE, C. A. A raça holandesa e seus mestiços com o Zebu no melhoramento do gado leiteiro na zona tropical. *Rev. dos Criadores* 16(6): 9-12. (Concl.) June 1945. 43.8 R32
- 16908 LIEBERS, O. H. Experiences and observations in developing a profitable [Guernsey] herd. *Dairy Goat J.* 23(6): 4-5, 24-26. Aug. 1945. 40.18 M592
- 16909 MCDANIEL, R. Delicious Wonder. *Jersey B.* 64: 1108, 1128. Aug. 20, 1945. 43.8 J48
- 16910 \*MIRSKAIA, L. Estrogeny i ikh promeniye dlya vosstanovleniya plodovitosti u korov (Oestrogens and their utilization for the restoration of fecundity in cows). *Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok.* 9(10): 37-43. 1944. 20 Akl
- 16911 MOREIRA, M. A. Las estaciones de reproducción prestarán grandes beneficios a los pequeños productores. *Rev. Mens. B. A. P.* 28(332): 47-53. July 1945. 9 R326  
Cooperative plan for improving cattle breeds in Argentina.
- 16912 MORRIS, D. J. The A. P. George ranch. *Tex. Livestock J.* 4(8): 60. (To be cont.) Aug. 15, 1945. 49 T29  
Cross breeding Brahman and Shorthorns.
- 16913 PELLETIER, J. R. Alexander of Mascouche; persistent Ayrshire breeder succeeds. *Canad. Ayrshire Rev.* 26: 145, 155. Aug. 1945. 43.8 Ay72  
French text, p. 160, 163.
- 16914 RAFFERTY, V. I. Blood lines and the individual. *Aberdeen-Angus J.* 27(1): 43. Aug. 1945. 43.8 Ab3
- 16915 RICE, V. A. Rah! rah! rah! for college cows; in answer to G. A. Bowling's recent criticism. *Jersey B.* 64: 1028-1029. Aug. 5, 1945. 43.8 J48  
Also in *Holstein-Friesian World* 42: 1271, 1369, 1372-1373. Sept. 1, 1945. 43.8 H742  
For article by Bowling see Item 7198.  
Discussion of maintenance of several breeds.
- 16916 RICHARDSON, T. C. Herd mothers of tomorrow. *Farmer-Stockman* 58: 267. Aug. 1945. 6 Ok45  
Artificial insemination of dairy cattle.
- 16917 S., B. N. Criação do gado e seleção das raças. *Campo [Rio de Janeiro]* 16(186): 41-42. June 1945. 9.2 C15
- 16918 SALISBURY, G. W., ZELAYA, J. A., and VAN-DEMARK, N. L. Livability and glycolysis of bovine spermatozoa in yolk-citrate, incubated eggs or chick-embryo diluters. *Amer. Soc. Anim. Prod. J. Anim. Sci.* 4: 270-276. Aug. 1945. 49 J82
- 16919 SANDERS, A. H. History of Aberdeen-Angus cattle. *Aberdeen-Angus J.* 27(1): 33, 62-128. (To be cont.) Aug. 1945. 43.8 Ab3  
Advertising matter interspersed, p. 62-128.  
May appear as a book when conditions permit.
- 16920 SEARS, G. A. A study of heritable characteristics of dual-purpose Polled Shorthorn cattle. *Milking Shorthorn J.* 26(8): 26-27, 31. (Cont.) Aug. 1945. 43.8 M59
- 16921 SIMPSON, W. A. Sound practical performance for future security. *Milking Shorthorn J.* 26(8): 18-19. Aug. 1945. 43.8 M59
- 16922 SMITH, A. D. B. Uniting breed characters in livestock; tendency developing towards dual-purpose [cattle]. *Primary Prod. [Sydney]* 22(25): 6. June 22, 1945. 23 P93
- 16923 STEVENS, J. C. Guernsey ties of blood. *Guernsey Breeders' J.* 68: 298. Aug. 15, 1945. 43.8 G93
- 16924 STEVENSON, A. F. Good Acres [Farm] has good Ayrshires, good milking, and good production. *De Laval Monthly* 39(4): 3, 13. July/Aug. 1945. 44.8 D37
- 16925 \*SVANBERG, O., FOLIN, C. B., and BLAKSTAD, J. Är nötkreaturens fruktsamhet beroende av deras utfodring [Is the fertility of cattle dependent on their feeding?]. *Lantmannen* 29: 572-573. June 23, 1945. 11 L234  
Discussion of article in preceding number with the same title, by C. E. Carlsson.
- 16926 TOMHAVE, W. H. Angus continue to expand. *Tex. Livestock J.* 4(7): 12. July 15, 1945. 49 T29
- 16927 TREASTER, W. L. Breeding 20,000 cows. *Mich. Farmer* 205: 69. Aug. 18, 1945. 6 M58  
Michigan Artificial Breeders' Cooperative, Inc.
- 16928 VEIGA, J. S. A aquisição e a utilização de reprodutores de elevados preços por cooperativas de criadores. *Rev. Rural Bras.* 25(297): 32-35. May 1945. 9.2 B733
- 16929 WALKER, J. P. Aberdeen-Angus program for Oklahoma. *Aberdeen-Angus J.* 27(1): 60, 180, 184, 188. Aug. 1945. 43.8 Ab3



16930 ZANDERS, J. Fecundación artificial aplicada a los bovinos. 2. Metodos de obtención de la es-perma. Ecuador. Primera Zona. Cám. de Agr. Rev. 7: 255-271. Apr. 1945. 9.5 Ec96

16931 ZARLENGA, P. A. La raza Hereford. Hereford 11: 220-222. May/June 1945. 43.8 H42

16932 \*ZAVAGLI, V. Delle cause determinanti la sterilità o meglio, la denatalità bovina. Azione Vet. 10: 326-328. Sept. 15, 1941. 41.8 Az3

#### Feeds and Feeding

16933 ADAIR, W. Banned spur to milk-yields. What is "iodinated protein"? Farming News and North Brit. Agr. 97(31): 2. July 27, 1945. 10 N82

16934 ANDRADE, B. M. DE. Reserva forrageira para o inverno. Rev. dos Criadores 16(6): 15-18. (Cont.?) June 1945. 43.8 R32

Mainly about dairy cattle.

16935 APPS, H. J. Unsaleable potatoes: their use in dairy cattle feeding. So. Austral. Dept. Agr. J. 48: 416. May 1945. 23 So84

16936 AVERITT, B. His ideas about grass silage. Jersey B. 64: 110. Aug. 20, 1945. 43.8 J48

16937 \*BALASUBRAMANIAM, C. Cattle nutrition in war time. Madras Agr. J. 32: 111-115. Mar./Apr. 1944. 22 M262

16938 BECKER, R. B. How we got citrus dairy feed. Fla. Grower 53(8): 11, 13. Aug. 1945. 80 F6622

Citrus byproducts.

16939 BERGH, W. F. Hints on feeding dairy cows. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser., No. 121, 2 p. Pretoria, 1945. 24 So82Pa

16940 BERTOLUCCI, P. Arraçoamento e manejo da vaca leiteira. Soc. Bras. de Agron. B. 7: 195-223. Sept. 1944. 9.2 Sol3

16941 BISWELL, H. H. Ten guides to better range management. Forest Farmer 4(11): 1, 4. (To be cont.) Aug. 1945. 99.8 F7693

Beef cattle feeding on cut-over forest lands.

16942 BLAXTER, K. L. The effect of iodinated protein feeding on the lactating cow. 1-2. J. Endocrinol. 4: 237-299. July 1945. 44.8 J8293

1. The effects of preparations of low activity and of iodinated Ardein; 2. The effects of iodinated casein.

16943 BLIZZARD, W. L. Experimental range. Tex. Livestock J. 4(8): 8, 42. Aug. 15, 1945. 49 T29

Experimental Grazing Area of the Oklahoma Agricultural Experiment Station, with reference to beef cattle.

16944 BOHSTEDT, G. Pasture and hay compared. Hoard's Dairyman 90: 455. Aug. 25, 1945. 44.8 H65

16945 CRANDALL, W. T. Cows should freshen in good condition. Hoard's Dairyman 90: 454. Aug. 25, 1945. 44.8 H65

Effect of feeding.

16946 \*DAHLSTEDT, L. AIV-foderberedning i Norrland. Lantmannen 29: 571-572. June 23, 1945. 11 L234

Preparation and use of silage for cattle.

16947 \*DAMMERTZ, Die Kälberaufzucht unter Berücksichtigung der gegenwärtigen Futtermittellage. Landesbauernschaft Moselland. Wchnbl., No. 25, p. 358. June 19, 1943. 18 L2328

On feeding.

16948 EMSLIE, B. L. How day passes on cow pasture. Milling and Feed 26(8): 20. Aug. 1945. 298.8 Cl62

16949 \*ERIKSSON, S. Halmens produktionsvärde. Lantmannen 29: 438-440. May 12, 1945. 11 L234

Straw as feed and its effect on milk production.

16950 GEDDES, H. J. Unexplored problems of cow feeding; need for research into value of pastures. Primary Prod. [Sydney] 22(24): 6. June 15, 1945. 23 P93

16951 GÓMEZ, J. J. El sisal: una probable fuente de rico alimento para el ganado vacuno. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 222-224. May/Dec. 1944. 8 R325

16952 GRAHAM, H. A. Steer calves are fattened on dried sweet potatoes. Philfarmer, 3d Quarter, p. 3. 1945. 6 P53

16953 \*JARL, F. Utfodringsförsök med vasslekli till mjölkkor. (Feeding experiments with whey bran to dairy cattle). K. Lantbruksakad. Tidskr. 84: 127-138. 1945. 104 Sw3

English summary.

16954 JETER, F. H. Winter grazing is cheapest feed for cattle. South. Planter 106(8): 20-21. Aug. 1945. 6 So89

16955 JOHNSTON, J. B. Nutrition important factor; various vitamins are described. Southeast. Cattleman 5(3): 13-14, 16-17. Sept. 1945. 43.8 F66A

16956 LADD, J. E. Avoid summer dairy slump. R. I. State Col. Ext. Better Rural Life 6(7): 1-2. July 1945. 275.29 R34B

Supplemental feeding for dairy cattle on pasture.

16957 LEINBACH, F. H. Corn silage makes valuable cow feed. South. Planter 106(8): 18. Aug. 1945. 6 So89

16958 MCINTOSH, R. A. Cobalt deficiency. Canad. J. Compar. Med. 9: 179-182. July 1945. 41.8 Cl62

In cattle and sheep.

16959 MARTÍNEZ, M. Alimentación de la vaca lechera. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 35: 77-80. (Cont.) May/June 1944. 8 R323

16960 MORRISON, F. B. Grain, grass, both needed. Shorthorn World 30(10): 4. Aug. 10, 1945. 43.8 Sh8

16961 \*MUDALIAR, V. T. S. Economies in feeding cattle. Madras Agr. J. 31: 223-225. Aug. 1945. 22 M262

16962 PATTON, J. W. Seasonal and geographic distribution of vitamin A deficiency in cattle. Vet. Med. 40: 304-308. Sept. 1945. 41.8 M69

16963 \*RUBEGNI, A. Le vitamine nell'alimentazione del bestiame. Avanguardia Rurale 11: 51-52. Apr. 1940. 16 Av1

16964 \*SALERNO, A. Ricerche sulle esigenze alimentari dei vitelli appartenenti alle razze bovine bruno alpina, simmenthal ed olandese ed alla specie bufalina, dalla nascita al sesto mese di vita. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 21: 443-485. July/Dec. 1941. Ref. 16 N92

16965 SEABER, W. M. Cattle-food concentrates. Fert., Feed. Stuffs and Farm Supplies J. 31: 443, 445. (To be cont.) Aug. 1, 1945. 57.8 F413

16966 \*SENN, H. Steigerung der fetterzeugung im viehstall. Landesbauernschaft Moselland. Wchnbl., No. 21, p. 311. May 22, 1943. 18 L2328

16967 SWAFFAR, P. Some ordinary feeding suggestions. Aberdeen-Angus J. 27(1): 42, 190. Aug. 1945. 43.8 Ab3

16968 TROWBRIDGE, E. A. Beef production on pasture. Shorthorn World 30(10): 5. Aug. 10, 1945. 43.8 Sh8

16969 \*TULLMANN. Ertragssteigerung durch frühzeitige und sorgfältige fütterernte. Landesbauernschaft Moselland. Wchnbl., No. 21, p. 310. May 22, 1943. 18 L2328

Feeding as related to milk production.

16970 TURK, K. L. Getting the cow ready for freshening through feeding. Dairyman's League News 29(18): 6. Aug. 28, 1945. 44.8 D1432

16971 TUSTIN, E. B., JR. Salt in the dairy ration. Pa. Farmer 133: 38. July 28, 1945. 6 P383

16972 WILKINSON, W. L. More beef from phosphorus-deficient ranges. Prog. Farmer, Tex. Ed. 60(9): 23, 52. Sept. 1945. 6 T311



16973 \*WITZLEBEN, A. VON. Frühjahrmusterung im rinderstall; unreife mastfähige jungrinder gehören noch nicht in den schlachthof. Landesbauernschaft Moselland. Wchnbl., No. 15, p. 234. Apr. 10, 1943. 18 L2328

#### Veterinary Medicine

16974 \*ANCESCHI, L. Accenno casistico all'avvelenamento da nitrato di soda. Azione Vet. 10: 115. Mar. 15, 1941. 41.8 Az3

Cattle.

16975 ASDELL, S. A., ALBA, J. DE, and ROBERTS, J. S. The levels of ovarian hormones required to induce heat and other reactions in the ovariectomized cow. Amer. Soc. Anim. Prod. J. Anim. Sci. 4: 277-284. Aug. 1945. 49 J82

16976 BALDWIN, E. M., JR. A study of bovine infectious keratitis. Amer. J. Vet. Res. 6: 180-187. July 1945. 41.8 Am3A

Thesis (M. S.) - Ohio State University.

16977 BARNES, G. W., and SMITH, A. L. Control of stomach worms in cattle. Coastal Cattleman 11(7): 14-15, 22. Sept. 1945. 43.8 C63

16978 \*BORGHESI, A. La cura della piometra batterica. Azione Vet 10: 448-449. Dec. 15, 1941. 41.8 Az3

In cattle.

16979 \*BRIEST, H. Die Bangbekämpfung aus der praxis gesehen. Deut. Landw. Tierzucht 48: 94. June 17, 1944. 49 D48

In cattle.

16980 BURROW, H. The veterinary aspect of the purchase and sale of dairy cattle. Vet. Rec. 57: 355. July 28, 1945. 41.8 V641

16981 BYTHELL, D. W. P. Bovine pasteurellosis; the occurrence of haemorrhagic septicaemia and bronchopneumonia simultaneously in one outbreak among young calves. Vet. Rec. 57: 289-290. June 16, 1945. 41.8 V641

16982 C., T. Timber tongue caused by a fungus. Farmers' Gaz. [Dublin] 103: 392. July 14, 1945. 10 F221

In cattle.

16983 CACERES Y MARTINEZ, A. R. Curso de ganado vacuno; principales enfermedades del ganado. Fomento [monthly] 2(18): 7-8, 20. Apr. 1945. 8 F734

VI. Principales medicamentos, sus efectos y usos.

16984 \*CANESSA, S. Sulla siero-terapia della peste bovina. Azione Vet. 11: 294. Dec. 30, 1942. 41.8 Az3

16985 CASSAMAGNAGHI, A. (HIJO) Litiasis masiva del pancreas en un bovino. Uruguay. U. Facul. de Vet. An. 4: 443. Dec. 1944. 41.9 M764

16986 CASSAMAGNAGHI, A. (HIJO). Sobre la presencia de Bunostomum phlebotomum en los bovinos. Uruguay. Min. de Ganad. y Agr. B. Mens. 28(1): 29-34. Jan./Mar. 1945. 41.9 Ur8

16987 CAUTHEN, G. E. Tests of the safety of phenothiazine for cattle. Amer. Vet. Med. Assoc. J. 107: 71-72. Aug. 1945. 41.8 Am3

16988 COLE, H. H., and KLEIBER, M. Bloat in cows on alfalfa pasture. Amer. J. Vet. Res. 6: 188-193. July 1945. 41.8 Am3A

16989 \*CORSI, T. Una nuova cura della vaginite granulosa. Azione Vet. 10: 450. Dec. 15, 1941. 41.8 Az3

In cattle.

16990 CULLOP, R. H. The A, B, C's of beef cattle practice. North Amer. Vet. 26: 469-473, 535-539. (Concl.?) Aug., Sept. 1945. 41.8 N812

16991 D'APICE, M. Considerações sobre a vacinação com a "Brucella 19" dos bezerros, novilhas e vacas. Biológico 11: 95-100. Apr. 1945. 442.8 B529

Also in Rev. dos Criadores 16(7): 17-20. July 1945 43.8 R32

16992 FIENNES, R. N. T. W. Trypanosoma congolense (Broden) infection of cattle: some aspects of the treatment problem. Vet. Rec. 57: 366. Aug. 4. 1945. 41.8 V641

16993 FLORENCIO VITA, J. Disenteria e enteritis de los terneros lechales. Campo [Buenos Aires] 29(344): 5. June 1945. 9 C15

16994 \*FRITZSCHE, K., and RÖSLER, M. Beitrag zur diagnostik der pektoralen form der wild- und rinderseuche (Pasteurellosis bovum). Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 361-365. Sept. 23, 1944. 41.8 D482

16995 GOOD, G. H. Grass tetany highly fatal to cows after they calve. Wyo. Stockman-Farmer and Wyo. Indus. J. 51(8): 3. Aug. 1945. 6 W992

16996 GORRIE, C. J. R. Coccidiosis in calves prevented by good management. Stock and Land 35(27): 3. July 4, 1945. 49 St63

16997 GORRIE, C. J. R. Mastitis control basis is clean, careful milking. Stock and Land 35(25): 3. June 20, 1945. 49 St63

16998 GOULD, G. N. Bovine mastitis. Vet. Rec. 57: 287-289. June 16, 1945. 41.8 V641

16999 GOULD, G. N. A preliminary note on digestive disorders of cattle associated with leys and re-seeded pastures. Vet. Rec. 57: 365. Aug. 4, 1945. 41.8 V641

17000 HAND, C. H. Mammitis in dairy cattle. Tasmanian Fruitgrower & Farmer 21, i. e. 30(264): 15. June 20, 1945. 23 T185

17001 \*HANSSON, A. Laktationsperiod eller kontrollär? Lantmannen 29: 411-413. May 5, 1945. 11 L234

Use of lactation periods to determine yield of cows

17002 HARING, C. M., and TRAUM, J. Further results from vaccination. Holstein-Friesian World 42: 1240-1241. Aug. 18, 1945. 43.8 H742

Use of Strain 19.

17003 \*HASSAN, S. R., and IDMANI, J. A. An outbreak of bovine encephalomyelitis. Indian J. Vet. Sci. and Anim. Husb. 13: 59-64. Mar. 1943. 41.8 In22

17004 HENSLEY, H. J. Tetanus in a steer. Vet. Med. 40: 322-323. Sept. 1945. 41.8 M69

17005 HERMAN, H. A. Mastitis--prevention and control. Guernsey Breeders' J. 68: 293-294, 300. Aug. 15, 1945. 43.8 G93

17006 HOLMAN, H. H., and MCDIARMID, A. An observation on reduction in milk yield following vaccination of lactating cows with living vaccines prepared from Brucella abortus. Vet. Rec. 57: 335-336. July 14, 1945. 41.8 V641

17007 \*IMPERATORI, F. Riduzione, nella vacca, della torsione dell'utero con l'animale in piedi mediante la "tassi addominale." Azione Vet. 11: 100-101. Apr. 30, 1942. 41.8 Az3

17008 INGHAM, A. G. Calf scours can be prevented. South. Agr. 75(9): 27. Sept. 1945. 6 So83

17009 \*JOHANSSON, I., and ANDERSON, C. V. Den produktionsänkande effekten av kastning och överlöpning hos mjölkkor (The effect of abortion and delayed conception on the milk yield of dairy cows). K. Lanbruksakad. Tidskr. 84(1): 43-65. 1945. 104 Sw3

English summary.

17010 \*KARSTEN. Der gegenwärtige stand der bekämpfung des abortus-Bang des rindes. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 308-310. Aug. 12, 1944. 41.8 D482

17011 \*KOLLER, E. Die unterzungendrüse des rindes als natürliches porphyrindepot. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 329-330. Aug. 26, 1944. 41.8 D482

17012 \*LAGERLÖF, N. Spridning av smittsam kastning under betestiden. Lantmannen 29: 569. June 23, 1945. 11 L234

Transmission of brucellosis of cattle during pasturing.



- 17013 \*LASZLO, F. Nebennierengeschwülste bei rindern. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 273-274. July 15, 1944. 41.8 D482
- 17014 \*MAJUMDAR, B. N., RAY, S. N., and SEN, K. C. Fluorine intoxication of cattle in India. Indian J. Vet. Sci. and Anim. Husband. 13: 95-107. June 1943. 41.8 In22
- 17015 MARTINEZ, M. Enfermedades del ganado; anaplasmosis de los bovinos. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 36: 33-37. Jan./Feb. 1945. 8 R323
- 17016 MORGAN, B. B. The diagnosis of bovine trichomoniasis. M. S. C. Vet. 5: 49-53, 82. Winter 1945. 41.8 M582
- 17017 \*MULLICK, D. N., and PAL, A. K. Studies on the composition of the blood of farm animals in India. I. A study of some haematological and chemical constituents in the blood of normal cattle. Indian J. Vet. Sci. and Anim. Husband. 13: 146-149. June 1943. 41.8 In22
- 17018 \*MUROMTSEV, S. Bakteriofagi i ikh prime-nenie pri paratifoznykh zabollevaniyakh molodnitsk (Bacteriophages and their utilization in the control of paratyphoid disease of young cattle). Vsesofuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9(10): 44-48. 1944. 20 Ak1
- 17019 MURPHY, J. M. Comparative intradermal tuberculin test and post-mortem examination of 50 cows. Vet. Rec. 57: 356-357. July 28, 1945. 41.8 V641
- 17020 P., R. Danger of non-sterilised instruments. Farmers' Gaz. [Dublin] 103: 397. July 14, 1945. 10 F221
- In treating udder and teats of dairy cattle.
- 17021 \*PALLASKE, G. Zur pathologischen anatomie der infektiösen bronchitis und bronchopneumonie des rindes und ihre differentialdiagnose. Deut. Tier-ärztl. Wchnschr./Tierärztl. Rundschau 52/50: 337-341. Sept. 9, 1944. 41.8 D482
- 17022 PEPPE, V. J. Penicillin in hemorrhagic septicemia [in cattle]. Vet. Med. 40: 319. Sept. 1945. 41.8 M69
- 17023 PESSACQ, V. Las enfermedades contagiosas de las vacas en la higiene de la leche. Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1(6/7): 14-19. Mar./Apr. 1945. 49 B86
- 17024 PIZZI, L. Eficacia de la fenotiacina en el entequo de los bovinos. Aberdeen Angus [Buenos Aires], No. 27, p. 61-63. Winter 1945. 43.8 Ab33
- 17025 \*POLDING, J. B. Brucellosis [in cattle] in India. Indian J. Vet. Sci. and Anim. Husband. 13: 27-34. Mar. 1943. 41.8 In22
- 17026 RAINEY, J. W. Human and bovine tuberculo-sis. Vet. J. 101: 147-150. July 1945. 41.8 V643
- Concerning transmission to man.
- 17027 RAINEY, J. W. Pregnancy toxæmia in a cow. Austral. Vet. J. 21: 38-40. Apr. 1945. 41.8 Au72
- 17028 \*RENK, W. Kongenitale verkalkung der lunge bei einem kalbe. Deut. Tierärztl. Wchn-schr./Tierärztl. Rundschau 52/50: 324-326. Aug. 26, 1944. 41.8 D482
- 17029 ROTTGARDT, A. A. Rabia paralítica de los bovinos en la Argentina. Cir. Méd. Vet. de la Prov. de Buenos Aires. Rev. 8: 71-77, 79, 81-84, 86-94. Mar./Apr. 1945. Ref. 41.9 C49
- 17030 \*RUGGERO, S., and ROCCO, D. Il metodo mori nella lotta contro il barbone bufalino. Azione Vet. 11: 235-243. Oct. 30, 1942. 41.8 Az3
- 17031 RUMLER, R. H. Mastering mastitis. Suc-cessful Farming 43(8): 23, 64. Aug. 1945. 6 Su12
- 17032 SANDERSON, C. J. Starving stock can bloat when turned onto good pasture. Land [Sydney], No. 1751, p. 11. June 22, 1945. 23 L22
- Cattle.
- 17033 SANDERSON, C. J. Vaginitis in cattle is widespread. Land [Sydney], No. 1749, p. 11. June 8, 1945. 23 L22
- 17034 SEAGREAVES, C. H. A new surgical tech-nique for "frothy bloat." Amer. Vet. Med. Assoc. J. 107: 73-74. Aug. 1945. 41.8 Am3
- In cattle.
- 17035 \*SINGH, B., and GUPTA, D. J. Morbid growths in the horn core of a bullock. Indian J. Vet. Sci. and Anim. Husband. 13: 174. June 1943. 41.8 In22
- 17036 STEWART, J. M. Caesarian section in the cow; a report on two cases. Austral. Vet. J. 21: 41-42. Apr. 1945. 41.8 Au72
- 17037 STRAKOSCH, R. The treatment of oesophag-eal obstruction, or "choke" in the ox by paraverte-bral anaesthesia. Austral. Vet. J. 21: 40-41. Apr. 1945. 41.8 Au72
- Pertains to injuries of cattle caused by ingestion of foreign objects.
- 17038 TERRETT, J. Spaying beef heifers. Mont. Farmer 32(23): 5. Aug. 1, 1945. 6 M764
- Advisability of spaying.
- 17039 TURNER, C. W. The hormones acting at milk-ing time. Guernsey Breeders' J. 68: 107-109, 178-179, 183-184. (Concl.?) July 15, Aug. 1, 1945. 43.8 G93
- 17040 \*VAIDYANATHAN, S. N. An adaptation of White's method for the collection of infective larvae from bovine faecal cultures and its practical appli-cation. Indian J. Vet. Sci. and Anim. Husband. 13: 157-161. June 1943. 41.8 In22
- 17041 \*VIANELLO, G. Sulla incurabilita delle metriti purulente dei bovini da C[orynebacterium] pyogenes. Azione Vet. 10: 381-383. Oct. 30, 1941. 41.8 Az3
- 17042 \*VOLOSKOV, P., and VOLOSKOVA, A. Terapifa trikhomonozu u bykov (Therapeutical methods of tri-chomonosis control in bulls). Vsesofuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 19(1/2): 28-33. 1945. 20 Ak1
- 17043 \*WARE, F., and SRINIVASAN, M. K. John's disease: ten years' observations on an experimental herd. Indian J. Vet. Sci. and Anim. Husband. 11: 289-307. Dec. 1941. 41.8 In22
- Text followed by tables, p. 296-307.
- Investigations made at the Imperial Veterinary Re-search Institute, Mukteswar.
- 17044 WEIRETHER, F. J., JASPER, D. E., and PETER-SEN, W. E. Effect of infused penicillin in the bo-vine mammary gland. Soc. Expt. Biol. and Med. Proc. 59: 282-286. June 1945. 442.9 Sol
- 17045 WELCH, H. Pink-eye in cattle. Mont. Farmer 32(24): 20. Aug. 15, 1945. 6 M764
- 17046 \*WILLE, R. Die metropathie des rindes und ihre bedeutung für die rinderzucht. Deut. Tier-ärztl. Wchnschr./Tierärztl. Rundschau 52/50: 310-313. Aug. 12, 1944. 41.8 D482
- 17047 \*ZOLLINGER, F. Günstige behandlungser-gebnisse bei drei 3/4-gebärmutterverdrehungen des rindes durch die retorsion am stehenden muttertler. Schweiz. Arch. f. Tierheilk. 87: 277-282. July 1945. 41.8 Sch9

#### Miscellaneous

- 17048 ARMSTRONG, J. T. The official Australian pure-bred dairy cattle production recording scheme; annual report, season 1943-44. Tasmanian J. Agr. 16: 67-68. May 1, 1945. 23 T182T
- 17049 ARTURO, C. Los registros del contralor lechero, razas Holando-Uruguay y Normanda. Uruguay. Dir. de Agron. [Cartilla], No. 78, 18 p. Montevideo, 1945. 9.9 Ur84
- 17050 \*BARLEHNER, C. Wo fehlt's? Gedanken zur milcherzeugungsschlacht. Deut. Landw. Tierzucht 48: 91-92. June 17, 1944. 49 D48
- 17051 BERESFORD, J. Milk recording goes further than figures. Home Farmer 12(6): 10. June 1945. 280.344 H75
- 17052 BERZUNZA PINTO, R. Problemas de la gana-deria en Camoeche. Fomento [monthly] 2(18): 6. Apr. 1945. 8 F734



- 17053 \*BETTINI, T. M. L'allevamento dei bovini in Africa Orientale Italiana. Agr. Colon. 37: 197-209. (To be cont.) Aug. 1943. 26 Ag82
- 17054 BLACK, S. L., and MCCLYMONT, G. L. Calf rearing. Agr. Gaz. N. S. Wales 56: 273-276. (To be cont.) June 1, 1945. 23 N472
- Dairy calves.
- 17055 BLIZZARD, W. L. Follow through for better beef. Farmer-Stockman 58: 283. Aug. 1945. 6 Ok45
- Beef cattle industry.
- 17056 BLIZZARD, W. L. Pointers for beginners. Shorthorn World 30(9): 3-4. July 25, 1945. 43.8 Sh8
- 17057 BLIZZARD, W. L. Starting of commercial [beef] cow herd. Tex. Livestock J. 4(7): 7, 40-41. July 15, 1945. 49 T29
- 17058 BONNERUP, I. Production of baby beef in Western Australia. Westralian Farmers' News 6(294): 1. May 31, 1945. 280.28 W523
- 17059 \*BRASSE-BROSSARD, L. Bovins ou chevaux. Rev. des Agr. de France 74: 150. July 1942. 14 R325
- As draft animals.
- 17060 BUCHANAN, A. H. Dairying in the drier districts. So. Austral. Dept. Agr. J. 48: 423-424. May 1945. 23 So84
- Suggestions as to feeding, breeding, and care.
- 17061 BUCK, G. A. A Sandhills branding bee. Nebr. Farmer 87(14): 1, 15. July 21, 1945. 6 N27
- Beef cattle.
- 17062 CARDOSO, F. P. Mais leite. Rev. dos Criadores 16(7): 57-61. July 1945. 43.8 R32
- Brazil.
- 17063 CHADWICK, O. C. Few thoughts of a beginner. Jersey B. 64: 1152, 1154, 1156, 1158, 1160. Aug. 20, 1945. 43.8 J48
- Records and testing.
- 17064 CONNELLY, R. G. Good milking calls for less time and labor. Metrop. Wash. Milk B. 5(8): 2. Aug. 1945. 280.38 M56
- 17065 FALCONE, N. F. Ventajas que se obtienen en la explotación ganadera mediante el descorne de los bovinos. Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1(8/9): 90-91. May/June 1945. 49 B86
- 17066 FOUNTAINE, F. C. Keep them growing; that's the secret of successful [dairy] calf raising. Kraftsman, Prod. Ed. 3(3): 16-18. May/June 1945. 44.8 K85
- 17067 GARRIGUS, W. P. Cow and calf plan of beef production. Ky. Farmer's Home J. 81(9): 6. Sept. 1945. 6 F2237
- Care.
- 17068 \*HALLGREN, H. Låglanders och SRB. Lantmannen 29: 579-580. June 23, 1945. 11 L234
- Dairy cattle in Sweden.
- 17069 HIGGS, C. Mixed [dairy] farming in Britain. Coastal Cattleman 11(5): 5-7. Aug. 1945. 43.8 C63
- 17070 HOPSON, G. H., LINDSEY, K. J., and BRADDOCK T. Why milk sanitarians are interested in better milking. J. Milk Technol. 8: 205-216. July/Aug. 1945. 44.8 J824
- 17071 JACKSON, H. C., and WALLENFELDT, E. 14 steps to good milk. Milk Plant Monthly 34(8): 25, 30, 32, 34, 38, 62, 68, 70. Aug. 1945. 44.8 C864
- 17072 KAUFFMAN, H. H. Oxen in the swamps. Pa. Farmer 133: 67, 71. Aug. 11, 1945. 6 P383
- 17073 KOGER, M., and KNOX, J. H. A method for estimating weaning weights of range calves at a constant age. Amer. Soc. Anim. Prod. J. Anim. Sci. 4: 285-290. Aug. 1945. 49 J82
- 17074 \*LAGERLÖF, N. Tjurens vård under sommaren [Care of the bull during the summer]. Lantmannen 29: 500. June 2, 1945. 11 L234
- 17075 LAMB, L. W. Pride of pedigree or pride of progeny? Amer. Dairy Cattle Club. Herd Builder 5(7): 1-3, processed. July 25, 1945. 43.9 Am323H
- 17076 \*LARSSON, E. L. Tvååker - en halländsk lokalstam inom svensk låglandsboskap. Lantmannen 29: 506-508. June 2, 1945. 11 L234
- Dairy cattle in Tvååker, Halland, Sweden.
- 17077 \*LARUE, P. Attelage monobovin. Rev. des Agr. de France 75: 136-137. Sept. 1943. 14 R325
- 17078 McMILLAN, G. Practical value of testing is what it tells owner. Canad. Ayrshire Rev. 26: 152-153. Aug. 1945. 43.8 Ay72
- Reprinted from "Cttawa Farm Journal."
- 17079 MARIN B., R. Ideas ganaderas. Agr. Costarricense 3: 216-219. May/June 1945. 8 Ag895
- 17080 MORRISON, S. R. The ifs and ands of the much over-rated nurse cow. Plantation Stockman 2 (12): 11, 20. Aug. 1945. 49 P69
- In connection with fitting beef calves for shows.
- 17081 \*NAIR, V. K. The Coimbatore Agricultural College dairy. Madras Agr. J. 30: 213-221. July 1942. 22 M262
- 17082 \*OLSSON, V. Utnyttjas antavlornas uppgifter vid avelsurvalet? Lantmannen 29: 559. June 16, 1945. 11 L234
- Records of bulls as a basis for breeding.
- 17083 PETERSON, V. V. Cattle in Wyoming. Amer. Cattle Prod. 27(3): 8-9, 24. Aug. 1945. 49 P94
- Historical account.
- 17084 PULLING, H. A. A history of California's range-cattle industry 1770-1912. U. South. Calif. Abs. Diss. 1944: 61-63. 241.8 Un32
- Thesis (Ph. D.) - University of Southern California.
- 17085 R. Visualising the ideal dairy cow. Farmers' Gaz. [Dublin] 103: 394. July 14, 1945. 10 F221
- 17086 SPACKMAN, E. F. Improving our dairy cattle. So. Austral. Dept. Agr. J. 48: 431. May 1945. 23 So84
- Suggestions making for success with dairy cattle.
- 17087 SPRIGLE, R. With the spring roundup at the Bell...New Mexico ranch. Amer. Hereford J. 36(8): 20-21, 56. Aug. 15, 1945. 43.8 Am32
- Reprinted from the Pittsburgh Post Gazette.
- 17088 STOLTZ, R. B. The fortieth annual meeting of the American Dairy Science Association. J. Dairy Sci. 28: 625-652. Aug. 1945. 44.8 J822
- Partial contents: New frontiers in dairy science, by A. C. Ragsdale, p. 625-631; American Dairy Science Association presented Borden awards to G. M. Trout and Glenn W. Salisbury, p. 641-646.
- 17089 TURK, K. L. Drying-off cows. Dairyman's League News 29(16): 6. July 31, 1945. 44.8 D1432
- 17090 \*U. Anlernen und pflege des arbeitsrindes. Landesbauernschaft Moselland. Wchnbl., No. 15, p. 235. Apr. 10, 1943. 18 L2328
- 17091 VIEIRA, L. G. Ordenha higienica. Orientação Econ. e Financ. 3(33): 35-37. Feb. 1945. 280.8 Or42
- 17092 WARREN, D. E. Idaho 4-H couple build [a] dairy herd. Kraftsman, Prod. Ed. 3(4): 9, 18. July/Aug. 1945. 44.8 K85
- Concerned with the description of a dairy farm.
- 17093 WHITE, A. H. Dairy herd improvement in Canada. Canad. Dairy and Ice Cream J. 24(7): 48, 50, 52. (Concl.) July 1945. 44.8 Cl62
- Program of cow testing as basis of improvement.
- 17094 WILSON, J. L. Seasonality of wartime milk production. Agr. Situation 29(8): 17-19. Aug. 1945. 1 Ec7Ag
- 17095 \*ZACHRISON, S. Avkastningsresultaten nu bättre än före kriget; kontrollföreningarnas verksamhet under kontrollåret 1943/44 [Yield results better now than before war; activities of the cow testing associations during the testing year 1943/44]. Lantmannen 29: 455-458. May 19, 1945. 11 L234
- Sweden.



## DOGS AND CATS

Breeds and Breeding

- 17096 BETTEN, H. L. There's that man again. Amer. Field 144: 72-74. Aug. 4, 1945. 410 Am3  
Merits of the Setter as a field dog.
- 17097 THE BREEDS in brief. No. 40. Sealyham Terrier; No. 41. German Shorthaired Pointer. Amer. Kennel Gaz. 62(7): 25-26, 155-156; (8): 31-32, 148-150. July-Aug. 1945. Ref., No. 7, p. 26; No. 8, p. 32. Beltsville Branch Libr.
- 17098 CULLEY, J. Working dogs [Collies]. West. Livestock J. 23(49): 19, 28-29. Aug. 15, 1945. 6 F2278  
Excerpts from a series of articles appearing in this journal "several years ago."
- 17099 HINKLE, J. G. E. Setter breeding. Amer. Field 144: 76. Aug. 4, 1945. 410 Am3  
Llewellyn Setter.
- 17100 IDLOVERA, O. A docilidade e a inteligencia do cão bracco no seio da família. Fauna [São Paulo], 4(5): 29-30. May 1945. 410 F272
- 17101 OCHOA, J. Perros de caza; el Pointer. Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1 (8/9): 101-102. May/June 1945. 49 B86
- 17102 SANTOS, E. O Setter Gordon. Fauna [São Paulo], 4(5): 8-10. May 1945. 410 F272
- 17103 SMITH, A. C. Cultivated Collies. Field 185: 607. June 16, 1945. 10 F45
- 17104 SMITH, A. C. Is it equine? Field 185: 405. Apr. 21, 1945. 10 F45  
Bull Terrier.
- 17105 SMITH, A. C. The old spotted dog [Dalmatian]. Field 185: 661. June 30, 1945. 10 F45
- 17106 SMITH, A. C. Subarctic breeds [of dogs]. Field 185: 377. Apr. 14, 1945. 10 F45
- 17107 TERRA, F. Rax o Perdigueiro do meu amigo lívio. Fauna [São Paulo], 4(6): 24-26. June 1945. 410 F272

Feeds and Feeding

- 17108 SEELER, A. O., and SILBER, R. H. Studies on the prolonged maintenance of adult dogs on purified diets. J. Nutr. 30: 111-116. Aug. 10, 1945. 389.8 J82

Veterinary Medicine

- 17109 CASSAMAGNAGHI, A. (HIJO) Enteritis crónica por Giardia canis en el perro. Uruguay. U. Facul. de Vet. An. 4: 433-437. Dec. 1944. 41.9 M764
- 17110 CLER, G. O. Síntomas de enfermedad en nuestros pequeños animales domésticos. Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1(6/7): 51-53. Mar./Apr. 1945. 49 B86  
A general account of diseases of dogs and cats.
- 17111 CRUZ A., C. El distemper. Fauna [Valparaíso], 1(1): 15, 23. Sept./Oct. 1944. 410 F273
- 17112 \*DELL, P. Conditionnement réflexe de l'apparition de la polypnée thermique chez le chien. Soc. de Biol. [Paris] Compt. Rend. 138: 558-560. Aug. 1944. 442.9 F21
- 17113 \*DHAYAGUDE, R. G. Diro-filaria repens infestation of dogs. Indian J. Vet. Sci. and Anim. Husb. 13: 171-173. June 1943. 41.8 In22
- 17114 FIELITZ, F. O. Los corpusculos de Lenz-Sinigaglia en la enfermedad de Carré. Uruguay. U. Facul. de Vet. An. 4: 377-395. Dec. 1944. 41.9 M764
- 17115 \*FRANCESCO, M. Dell'anchilostomiasi canina. Azione Vet. 11: 48-56. Feb. 28, 1942. 41.8 Az3
- 17116 \*GEIGER, W., and DRÄGER, K. Die Behandlung der experimentellen hundestaupe mit sulfonamiden. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 365-370. Sept. 23, 1944. 41.8 D482

- 17117 \*GEIGER, W., and WEIS, V. Hundestaupe und grippe. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 270-271. July 15, 1944. 41.8 D482  
Distemper in dogs and influenza in man compared.
- 17118 HAINES, H. M. Coliform nephritis in a dog. Vet. Med. 40: 319. Sept. 1945. 41.8 M69
- 17119 HUGGINS, C., and MOULDER, P. V. Estrogen production by Sertoli cell tumors of the testis of dogs. Cancer Res. 5: 510-514. Sept. 1945. Ref. 448.8 C16
- 17120 JAMES, W. T. Deformities that defeat our dogs; how to breed them out and keep them out. Amer. Kennel Gaz. 62(7): 14-15, 171, 176. July 1945. Beltsville Branch Libr.
- 17121 \*JOURDAN, F., and MARDUEL, H. Action du nerf vague et de l'acétylcholine sur le coeur du chien a différentes températures. Soc. de Biol. [Paris] Compt. Rend. 138: 715-716. Sept. 1944. 442.9 F21
- 17122 KHUEN, E. C. A clinical report on the use of distemperoid virus [in dogs]. North Amer. Vet. 26: 546. Sept. 1945. 41.8 N812
- 17123 KNIGHT, G. C., LONGLEY, E. O., and DOUGLAS, S. W. Surgical removal of a bullet from the lung of a dog. Vet. Rec. 57: 358. July 28, 1945. 41.8 V641
- 17124 MAYER, K. Demerol hydrochloride as a sedative for cats. North Amer. Vet. 26: 477-479. Aug. 1945. 41.8 N812
- 17125 \*MORIN, G., BONNET, M., and GOUZON, B. Gradation des effets cardio-inhibiteurs de l'excitation vagale chez le chien par les oscillations de relaxation. Soc. de Biol. [Paris] Compt. Rend. 138: 629-630. Sept. 1944. 442.9 F21
- 17126 NORTHRUP, M. A. Surgical treatment of acoustic pathology. North Amer. Vet. 26: 480-484. Aug. 1945. 41.8 N812  
Meatus acusticus of dogs.
- 17127 R., W. H. Cytology of canine Bright's disease. North Amer. Vet. 26: 479. Aug. 1945. 41.8 N812
- 17128 R., W. H. Feline panleukopenia with relation to its inclusion body. North Amer. Vet. 26: 547. Sept. 1945. 41.8 N812
- 17129 R., W. H. Testicular tumors of the dog. North Amer. Vet. 26: 465. Aug. 1945. 41.8 N812
- 17130 \*RAGHAVACHARI, K. Some observations on rickets in pups. Indian J. Vet. Sci. and Anim. Husb. 13: 137-140. June 1943. 41.8 In22
- 17131 REED, T. H. Leiomyosarcoma in a dog. Vet. Med. 40: 322. Sept. 1945. 41.8 M69
- 17132 \*SHLYGIN, G. K. Sekretornafâ defatelnost' zheludka u sobak pri prebyvanii na El'bruse (Secretory activity of the stomach in dogs during staying on Mt. Elbruz). B. Eksp. Biol. i Med. 19 (1/2): 45-47. 1945. 442.8 B87
- 17133 SMITH, S. G. A progressive paralysis in dogs cured with synthetic biotin. Amer. J. Physiol. 144: 175-188. July 1, 1945. Ref. 447.8 Am3
- 17134 SMYTHE, R. H. Recurrent tetany in the dog. Vet. Rec. 57: 380. Aug. 11, 1945. 41.8 V641
- 17135 STARR, G. Acid stomach. All-Pets Mag. 16(15): 34-35. Aug. 1945. 48.8 AL5  
In cats.
- 17136 SUTHERLAND, A., and SMITH, H. W. Staphylococcal cystitis in a dog. Vet. Rec. 57: 330. July 7, 1945. 41.8 V641
- 17137 TISCHHAUSER, L. A. Canine dermatitis. North Amer. Vet. 26: 460. Aug. 1945. 41.8 N812
- 17138 TORNES, W. A. Rabies in Columbus, Ohio. Fed. Vet. 2(10): 1, 5-6. (To be cont.) July 1945. 41.9 N212Na  
Pertains to dogs.
- 17139 \*ULLRICH, K. Erfahrungen mit der zangen-g Geburt beim hunde mit besonderer berücksichtigung der hinterendlage. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 341-343. Sept. 9, 1944. 41.8 D482



- 17140 WOODARD, G., OFNER, R. R., and MONTGOMERY, C. M. Accumulation of DDT in the body fat and its appearance in the milk of dogs. *Science* 102: 177-178. Aug. 17, 1945. 470 Sci2

#### Miscellaneous

- 17141 GOULD, B. How our war dogs made good. *Amer. Kennel Gaz.* 62(7): 16-18, 113, 168-169. July 1945. Beltsville Branch Libr.
- 17142 JONES, A. F. Pals of the presidents; from Washington to Truman, almost all have loved dogs. *Amer. Kennel Gaz.* 62(8): 16-20, 144-145. Aug. 1945. Beltsville Branch Libr.
- Condensed and reprinted from Magazine Section, New York Times.
- 17143 MERRILL, G. G. Breaking the killing habit in dogs by inhibiting the conditioned reflex. *Amer. Vet. Med. Assoc. J.* 107: 69-70. Aug. 1945. 41.8 Am3
- A treatment having its basis in psychology.
- 17144 NOERR, B. Revamping the obedience routine; a few suggestions. *Amer. Kennel Gaz.* 62(7): 19-21, 169, 171. July 1945. Beltsville Branch Libr.
- 17145 OTTE, F. Home-town obedience tests; current conditions call for them now. *Amer. Kennel Gaz.* 62(8): 22-24, 160. Aug. 1945. Beltsville Branch Libr.
- 17146 SIMMONS, E. B. Cats and their care. *All-Pets Mag.* 16(15): 36. Aug. 1945. 48.8 AL5
- 17147 WHITE, G. T. Someday I'll quit showing! *Amer. Kennel Gaz.* 62(8): 14-15, 146-147. Aug. 1945. Beltsville Branch Libr.

#### HORSES AND MULES

##### Breeds and Breeding

- 17148 CASTAÑEDO, J. A. Armonía de líneas. *Cuba. Min. de Agr. Rev.* 28(2): 81. Apr./June 1945. 8 Ag88Re
- The Arabian horse.
- 17149 \*CHEVIGNY, J. DE. L'Anglo-Arabe Limousin. *Rev. des Agr. de France* 73: 228-229. Aug. 1941. 14 R325
- 17150 \*KALDEN, J. Hästaveln i Falköpings- och Tidaholmstrakten. *Lantmannen* 29: 523-524. June 9, 1945. 11 L234
- Breeding of draft horses.
- 17151 \*KALDEN, J. Hästaveln i Södertörn. *Lantmannen* 29: 503-504. June 2, 1945. 11 L234
- Breeding of draft horses.
- 17152 KOESTER, W. F. Does racing improve the breed? *Horse* 26(4): 21-23. July/Aug. 1945. 42.8 R28
- The Thoroughbred.
- 17153 LEONARD, H. A glance at Colorado horse conditions. *Horse* 26(2): 3-5. Mar./Apr. 1945. 42.8 R28
- Use of the Thoroughbred.
- 17154 MERTZ, L. M. The Texas cow horse. *Tex. Livestock J.* 4(7): 54. July 15, 1945. 49 T29
- Breeding suitable horses.
- 17155 WALL, J. F. To maintain standards in horse breeding entails eternal vigilance. *Horse* 26(4): 13-17. (To be cont.) July/Aug. 1945. 42.8 R28
- 17156 \*WESSELMANN, R. Besamung bei pferden. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 307. Aug. 12, 1944. 41.8 D482
- Artificial insemination.

##### Feeds and Feeding

- 17157 \*BLIN, H. Le régime rationnel de poulains au sevrage. *Rev. des Agr. de France* 75: 106-107. July 1943. 14 R325
- 17158 DIAZ YOLDE, J. A. Reflexiones sobre la alimentación de los equinos. *Res* 13: 17606-17607. June 20, 1945. 286.85 R31

- 17159 ENGEL, E. Free going horses. *Horse* 26(3): 12-15. May/June 1945. 42.8 R28
- Pasture raising compared with barn raising.
- 17160 RIDGWAY, J. J. Feeding an orphan colt. *Vet. Med.* 40: 323. Sept. 1945. 41.8 M69
- 17161 SHEEHY, E. J. The animal on the farm. 30. Horse feeding. *Agr. Ireland* 3: 77-79. July 1945. 10.5 Ag8
- 17162 WILLIAMSON, J. F. Wheatmeal or crushed wheat for horses. *Hawkesbury Agr. Col. J.* 42: 82. June 30, 1945. 276.8 H31

#### Veterinary Medicine

- 17163 ARROYO B., V. M. Anomalia costal y vertebral observadas en los equinos P. S. C. La Plata. *U. Nac. Facul. de Med. Vet. An.* 7(1): 167-171. 1944. 41.9 L312A
- 17164 BANKIER, J. C. Equine infectious anaemia; attempted vaccination with crystal violet tissue vaccine. *Canad. J. Compar. Med.* 9: 197-199. July 1945. 41.8 C162
- 17165 \*BRION, A. L'anaplasmose du cheval et son parasite causal. *Soc. de Biol. [Paris] Compt. Rend.* 138: 537-539. Aug. 1944. 442.9 P21
- 17166 \*BRION, A. Transmission expérimentale de l'anaplasmose du cheval. *Soc. de Biol. [Paris] Compt. Rend.* 138: 539-540. Aug. 1944. 442.9 P21
- 17167 CANDIOTI, A. N. Anestesia regional en el caballo de carrera. *La Plata. U. Nac. Facul. de Med. Vet. An.* 7(1): 1-45. 1944. 41.9 L312A
- 17168 DENNIS, W. A. Tumors of the glans penis in the horse. *North Amer. Vet.* 26: 476. Aug. 1945. 41.8 N812
- 17169 ECHEGUREN, R. A. La encefalomiелitis infecciosa de los equinos. *Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad.* 1(8/9): 43-45. May/June 1945. 49 B86
- 17170 \*ENDRIGKEIT, A. Versuche zur wirkungssteigerung von wurmmitteln. II. Kombinationsversuche beim Allegan und CCL<sub>4</sub>. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 370-372. Sept. 23, 1944. 41.8 D482
- In horses.
- 17171 \*FORTNER, J. Über das dauervirussträgertum bei ansteckender blutermut der einhufer. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 265-266. July 15, 1944. 41.8 D482
- Limited to horses.
- 17172 FREITAS, M. G. "Anoplocephala mamillana" (Cestoda, Anoplocephalidae) em equinos no Brasil. *Rev. Bras. de Biol.* 5(1): 87-90. Apr. 1945. 442.8 R326
- Paranoplocephala mamillana.
- 17173 \*GIUSEPPE, P. Sul trattamento solfamidico dell'anemia infettiva del cavallo. *Azione Vet.* 11: 82. Mar. 30, 1942. 41.8 Az3
- 17174 \*GOBEL, F. Ein seltener fall von otitis externa bei einem pferde. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 322. Aug. 26, 1944. 41.8 D482
- 17175 \*GRABAR, P., and STAUB, A. M. Fractionnement du sérum anticharbonneux de cheval. *Inst. Pasteur [Paris] Ann.* 68: 355-360. Apr./June 1942. 448.3 An75
- 17176 \*JOHNEN, F. J. Die bekämpfung der fohlenlähme mit Eleudron. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 326-328. Aug. 26, 1944. 41.8 D482
- 17177 LANG, W. W. Impaction of the caecum in horses. *Vet. J.* 101: 154-156. July 1945. 41.8 V643
- 17178 \*LEUTHOLD, A. Die schlundverstopfung beim pferd. *Schweiz. Arch. f. Tierheilk.* 87: 253-273. July 1945. 41.8 Sch9
- 17179 \*MARCHESANI, I. I sali di mercurio secondo la formula Vecchi-Finzi nella cura del farcino criptococcico. *Azione Vet.* 11: 213-215. Sept. 30, 1942. 41.8 Az3
- In horses and mules.



17180 \*MARTINO, M. DI. Su un responso negativo della prova "Cuboni" in una cavalla gravida di sei mesi e mezzo. *Azione Vet.* 10: 447-448. Dec. 15, 1941. 41.8 Az3

17181 \*MEDDA, A. Su di un caso di ricaduta da Nuttallia equi in un cavallo sieroprodotto. *Azione Vet.* 10: 66-70. Feb. 15, 1941. 41.8 Az3

17182 PETERSON, D. R. Injuries to a horse from collision with a car. *Vet. Med.* 40: 321-322. Sept. 1945. 41.8 M69

17183 PIRES, A. Contribución al estudio de los tumores de pene en el caballo. *La Plata. U. Nac. Facul. de Med. Vet. An.* 7(1): 127-164. 1944. Ref. 41.9 L312A

Summary and conclusions in English, French, and German.

17184 POPELKA BRUNO, F. A., and RUBILAR, J. A. Variaciones de las arterias tibiales en el caballo. *Uruguay. U. Facul. de Vet. An.* 4: 455-458. Dec. 1944. 41.9 M764

17185 \*RENAUX, E., and THOMAS, J. L'antigène hétérogénétique (antigène de Forssman) du coeur de cheval. *Inst. Pasteur [Paris]. Ann.* 68: 31-50. Jan. 1942. Ref. 448.3 An75

17186 \*ROCHE, J., DERRIEN, Y., and MANDEL, S. Hétérogénéité des fractions eu- et pseudoglobuliniques des protéines du sérum de cheval et relargage par les sels neutres. *Soc. de Biol. [Paris]. Compt. Rend.* 138: 634-636. Sept. 1944. 442.9 P21

17187 \*ROCHE, J., DERRIEN, Y., and MANDEL, S. Séparation de trois cristallines du sérum de cheval. *Soc. de Biol. [Paris]. Compt. Rend.* 138: 665-667. Sept. 1944. 442.9 P21

17188 \*ROCHE, J., DERRIEN, Y., and MANDEL, S. Sur l'hétérogénéité de la fraction globulinique des protéines du sérum de cheval. *Soc. de Biol. [Paris]. Compt. Rend.* 138: 600-601. Aug. 1944. 442.9 P21

17189 \*ROLLE, M. Das Bact. abortus equi als krankheitserreger bei pferden. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 317-318. Aug. 26, 1944. 41.8 D482

17190 \*SCHAETZ, F. Kasuistische beiträge zur embryotomie bei der stute. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 291-294. July 29, 1944. 41.8 D482

17191 \*SCHMID, F., and others. Die wirkung von wurmmitteln auf die verschiedenen strongylidenarten des pferdes. IX. Phenothiazin, X. Verminekrim, XI. Kachexid. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 323-324. Aug. 26, 1944. 41.8 D482

R. Hollatz, E. Müsiggang, and H. Fiedler, joint authors.

17192 SQUIBB, R. L. Big head of horses in El Salvador. *Amer. Vet. Med. Assoc. J.* 107: 84-89. Aug. 1945. 41.8 Am3

17193 \*TARANTINO, G. B. Peste equina. Può il clima marittimo prolungare il periodo d'incubazione? *Azione Vet.* 11: 216-217. Sept. 30, 1942. 41.8 Az3

17194 \*ZAVADOVSKY, B. M., and NESMEYANOVA-ZAVADOVSKAYA, E. G. Importance of vitamin content in fodder for the reproductive function and the content of pregnancy hormones in the blood of horses. *Acad. des Sci. de l'U. R. S. S. Compt. Rend. (n. s.)* 46: 337-339. Mar. 20, 1945. 511 P444

#### Miscellaneous

17195 BEST, M. G. S. Hard working, hard living and easy to keep. *Field* 185: 402-403. Apr. 21, 1945. 10 F45

Welsh mountain pony.

17196 CABEZA, F. W. El caballo de trabajo y la defensa nacional. *Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad.* 1(8/9): 103-105. May/June 1945. 49 B86

17197 CASTANEDO, J. A. El centro de cría caballar del ejército ha podido evidenciar en sus catorce años de fundado que su creación ha encontrado el justificativo de la constante obra de fomento equino que viene desarrollando en Cuba. *B. de Inform. Agr. del Gobierno Prov. de Las Villas* 27(127): 18-21. Jan./Mar. 1945. 8 Sa53

17198 \*FERNANDEZ SALAZAR, E. Yeguas de tiro importadas de la Argentina. *Agricultura [Madrid]* 14: 241-242. May 1945. 15 Ag84

17199 FREE, S. Outdoor wintering of horses. *Horse* 26(2): 5. Mar./Apr. 1945. 42.8 R28

17200 GOMEZ, A. V. Schooling the Thoroughbred colt. *Thoroughbred* 4(16): 18, 38. Aug. 1945. 42.8 T393

17201 \*HENRY, M. L'avenir du cheval après la guerre. *Rev. des Agr. de France* 73: 76. Mar. 1941. 14 R325

17202 \*JOHANSSON, I. Prestationsprov med hästar [Performance test with draft horses]. *Lantmannen* 29: 480-482, 505-506. May 26-June 2, 1945. 11 L234

17203 JOHNSON, T. J. The cry for horses. *Horse* 26(4): 3-5. July/Aug. 1945. 42.8 R28

Use by the Army.  
17204 LAMOND, H. G. The stock horse - 8. *Live Stock B.*, June 1, 1945, p. 2. (Concl.) 23 F222

Training.  
17205 MASSEY, R. The [draft] horse deserves care. *Farmer & Stock-Breeder* 59: 1286. Aug. 14, 1945. 10 F228

17206 \*PERGOLA, V. Nevrità e mole, termini antitetici. *Azione Vet.* 11: 252-253. Nov. '30, 1942. 41.8 Az3

Horse types compared, in connection with war use.

17207 \*ROSSI, L. Nuovo battesimo della Società del Cavallo da Tiro Pesante. *Azione Vet.* 10: 248-249, 361-362. July 15, Oct. 15, 1941. 41.8 Az3  
Author's name appears as Rossi Luigi in the October issue.

17208 ST-PIERRE, A. L'élevage du cheval; ce qui se fait à la ferme-école provinciale de Deschambault. *Terre de Chez Nous* 17(39, 1. e. 40): 13-14. July 11, 1945. 7 T27

17209 \*SALERNO, A. Correlazioni tra le principali dimensioni somatiche nei cavalli abissini delle regioni degli Arussi e del Bale. *Agr. Colon.* 35: 100-118, 154-157. Mar.-Apr. 1941. 26 Ag82

17210 SWANEY, A. G. The using horse of the West. *Horse* 26(3): 3-6. May/June 1945. 42.8 R28

17211 UNITED STATES TROTTER ASSOCIATION. Annual year book; trotting and pacing in 1944; statistics with respect to performances and synopses of the fast records of the sport covering the period of racing in America. Vol. 57, pt 2; supplemented by vol. 34 of the Trotting Register. 199 p. Indianapolis, Central Pub. Co., 1945. 42.9 W15Y

#### POULTRY

##### Breeds and Breeding

17212 ABSALOM, J. Organizing a Roller loft. *Amer. Pigeon J.* 34(3/4): 40. Mar./Apr. 1945. Beltsville Branch Libr.

17213 ALBRIGHT, K. White Wyandotte Bantam outstanding. *Poultry Press* 31(20): 2. Aug. 9, 1945. 47.8 P8643

17214 AMSDEN, J. Future of State breeding schemes. *Mod. Poultry Keeping* 53: 41. July 18, 1945. 47.8 Eg3

17215 BARTLING, C. A. Why many choose the Carrier pigeon. *All-Pets Mag.* 16(15): 49. Aug. 1945. 48.8 AL5

17216 BESCHE, A. The yellow Carneau. *Amer. Pigeon J.* 34(3/4): 45. Mar./Apr. 1945. Beltsville Branch Libr.

17217 BIRTWISTLE, V. Molt test for breeders. *Mod. Poultry Keeping* 53: 77. Aug. 1, 1945. 47.8 Eg3



- 17218 BLACKWELL, H. L. Building a strain of poultry. *Mod. Poultry Keeping* 53: 10-11. July 4, 1945. 47.8 Eg3
- 17219 BLACKWELL, H. L. Vary strain building to suit circumstances. *Mod. Poultry Keeping* 53: 46-47. July 18, 1945. 47.8 Eg3
- 17220 BONALUME, W. L. Formação de uma linhagem nos pombos correio. *Fauna* [São Paulo] 4(6): 12-14. June 1945. 410 F272
- Homer pigeon.
- 17221 BROOKS, J. H. Buff Orpingtons. *Poultry Press* 31(20): 3. Aug. 9, 1945. 47.8 P8643
- 17222 CAMPBELL, H. L. Magpie history; the rise, decline and recovery of the Magpie. *Pigeon News* 51(893): 4, 13. (Cont.) Aug. 1945. 47.8 P621
- 17223 CLIFFE, A. E. The breeding factor with poultry. *Milling and Feed* 26(6): 8-9. June 1945. 298.8 C162
- 17224 COAD, W. H. Laying tests cling to the fancy. *Poultry* [London] 97: 59. July 24, 1945. 47.8 P869
- Standard-bred vs. utility fowls.
- 17225 GREEN, E. J. The King rules them all. *Amer. Pigeon J.* 34(5/6): 70-71. May/June 1945. Beltsville Branch Libr.
- 17226 HARRINGTON, J. A. Produces record breaking Flying Tipplers. *Amer. Pigeon J.* 34(5/6): 75-76. May/June 1945. Beltsville Branch Libr.
- 17227 HOFFMANN, E., and ELLIS, G. Breeding and judging ideal meat chicken is difficult. *Peninsula Broiler J.* 5(7): 1, 5. Aug. 6, 1945. 47.8 P37
- Discussion of a \$5,000 award by the Great Atlantic and Pacific Tea Company for the development of an ideal meat chicken.
- 17228 HOWES, H. Producers must strive (1) to maintain egg size (2) improve shell texture. *Smallholder* 73(1847): 12. Aug. 10, 1945. 10 Sml
- Effect of breeding on egg production.
- 17229 HOWES, H. Stock cockerels are sure of good prices. *Smallholder* 73(1846): 12. Aug. 3, 1945. 10 Sml
- Care.
- 17230 HUTTON, J. Good lookers v. good layers. *Poultry* [London] 97: 92. Aug. 7, 1943. 47.8 P869
- Bantam breeds.
- 17231 HUTTON, J. How Bantams should be judged. *Poultry* [London] 97: 76. July 31, 1945. 47.8 P869
- 17232 HUTTON, J. Old English Game [Bantam] faults. *Poultry* [London] 97: 45. July 17, 1945. 47.8 P869
- 17233 HUTTON, J. Put bulldog type first in Indians. *Poultry* [London] 97: 60. July 24, 1945. 47.8 P869
- Indian Game Bantams.
- 17234 JAMES, R. S. Breeding practice for better poultry. *Farmer's Weekly* [Bloemfontein] 69: 864-865. July 11, 1945. 24 F225
- 17235 JORDAN, W. Breed only the best Carneaux. *Amer. Pigeon J.* 34(3/4): 39. Mar./Apr. 1945. Beltsville Branch Libr.
- 17236 KNOTT, O. How I got started with Swiss Mondaines. *Amer. Pigeon J.* 34(3/4): 35. Mar./Apr. 1945. Beltsville Branch Libr.
- 17237 METZ, J. W. Ancient history of the Turbit. *Amer. Pigeon J.* 34(5/6): 73. May/June 1945. Beltsville Branch Libr.
- 17238 METZ, J. W. The standard of excellence for the Turbit. *Pigeon News* 51(893): 12. Aug. 1945. 47.8 P621
- Also in *All-Pets Mag.* 16(15): 52-53. Aug. 1945. 48.8 AL5
- 17239 METZ, J. W. The Turbit of the Middle Ages. *Pigeon News* 51(893): 5. Aug. 1945. 47.8 P621
- 17240 MINIATURE bullies. By Observer. *Poultry World* 77: 44. July 27, 1945. 47.8 P8682
- Bantams.
- 17241 MOORE, A. C. We must maintain colour and type. *Poultry* [London] 97: 102. Aug. 14, 1945. 47.8 P869
- Considered consistent with egg production breeding.
- 17242 MUIR, J. G. Turbit clubs -- past and present. *Amer. Pigeon J.* 34(3/4): 35. Mar./Apr. 1945. Beltsville Branch Libr.
- 17243 NEWMAN, T. Selection. *Mod. Poultry Keeping* 53: 64. July 25, 1945. 47.8 Eg3
- Selective breeding.
- 17244 PENSOM, W. H. In reply to J. H. Rue's statements. *Amer. Pigeon J.* 34(3/4): 38, 41. Mar./Apr. 1945. Beltsville Branch Libr.
- Concerning Birmingham Rollers.
- 17245 PICKERS, V. C. W. Some thoughts on breeding racing pigeons. *So. African Poultry, Pigeon and Bird Mag.* 51: 176-177. July 1945. 47.8 So83
- 17246 POWELL-OWEN, W. Breeding 2,000 from 200. *Poultry World* 77: 17. July 13, 1945. 47.8 P8682
- 17247 POWELL-OWEN, W. Economic breeding plant. *Poultry World* 77: 44. July 27, 1945. 47.8 P8682
- 17248 POWELL-OWEN, W. Stockmen are clever feeders. *Poultry World* 77: 49. Aug. 3, 1945. 47.8 P8682
- Breeding.
- 17249 PYBUS, L. Brown Leghorn breed. *Tasmanian Farmer* 8(8): 7. (To be cont.) May 1945. 23 T186
- 17250 RAGLE, J. American King Club facts. *Amer. Pigeon J.* 34(3/4): 39. Mar./Apr. 1945. Beltsville Branch Libr.
- 17251 RAWSON, A. Forward for the Domestic Flights of America. *All-Pets Mag.* 16(15): 53. Aug. 1945. 48.8 AL5
- 17252 REED, L. C. Finds White Swiss Mondaine pigeons the best. *Amer. Pigeon J.* 34(5/6): 76-77. May/June 1945. Beltsville Branch Libr.
- 17253 RINSLAND, G. Fantail--peacock of pigeon-om. *All-Pets Mag.* 16(15): 51. Aug. 1945. 48.8 AL5
- From the "Carolina Pigeon Club Yearbook."
- 17254 ROCKWELL, M. J. Which is the best Bantam? *Poultry Press* 31(21): 1. Aug. 23, 1945. 47.8 P8643
- 17255 SEWELL, F. L. Buff Orpingtons. *Poultry Press* 31(20): 1. Aug. 9, 1945. 47.8 P8643
- 17256 TEMPERTON, H., and DUDLEY, F. J. The intensity of yellow pigmentation as a guide to health and future productivity in White Leghorn pullets. *Harper Adams Util. Poultry J.* (n. s.) 30: 22-27. Apr. 1945. 47.8 P8612
- 17257 \*TRAUTMANN, A., and SILBER, H. Abnorme ausbildung der akzidentellen (sekundären) geschlechtsmerkmale beim hahn. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 301-304. Aug. 12, 1944. 41.8 D482
- 17258 WAGNER, C. F. The Scanderoon; an ideal variety for the novice -- description of the breed and the standard. *Amer. Pigeon J.* 34(3/4): 37, 43. Mar./Apr. 1945. Beltsville Branch Libr.
- Reprinted "from our April, 1933 issue."
- 17259 WESTFALL, W. The Dorking. *Poultry Press* 31(21): 2. Aug. 23, 1945. 47.8 P8643
- Reprinted from "Poultry Press, 1940."
- 17260 WESTFALL, W. The Dorkings. *Poultry Press* 31(20): 1. Aug. 9, 1945. 47.8 P8643
- Reprint of article on Silver-Gray Dorkings appearing in this journal "June 8th, 1939."
- 17261 WHITELEY, G. The pick of the Polands. *Poultry* [London] 97: 108. Aug. 14, 1945. 47.8 P869
- White Polish Bantams.
- 17262 ZIMPEL, L. The Montaub[a]n pigeon. *Amer. Pigeon J.* 34(5/6): 69. May/June 1945. Beltsville Branch Libr.

#### Feeds and Feeding

- 17263 ALEXANDER, A. K. S. Better food: more pullets. *Farmer & Stock-Breeder* 59: 1177. July 24, 1945. 10 F228



- 17264 ANDERSON, R. H. Feeding Black Minorca chicks. Poultry Press 31(20): 1. Aug. 9, 1945. 47.8 P8643
- 17265 BETHKE, R. M. Feeds necessary to make eggs hatch. Farmer's Advocate and Home Mag. 80: 592, 616. Aug. 23, 1945. 7 F22
- 17266 BROOMHEAD, W. W. Hens laying soft eggs. Poultry [London] 97: 56. July 24, 1945. 47.8 P869  
Effect of feeding.
- 17267 BUTTNER, E. E. Effect of peas with a diet of maize and wheat. So. African Poultry, Pigeon and Bird Mag. 51: 149-150. June 1945. 47.8 So83  
Pigeons.
- 17268 BUTTNER, E. E. Research in poultry nutrition. So. African Poultry, Pigeon and Bird Mag. 51: 165. July 1945. 47.8 So83
- 17269 CANAVESI, A. Influenza del calcio en la postura. Mundo Avic. 8(90): 18. Aug. 1945. 47.8 M92
- 17270 CLARK, T. B. Teach the poults to eat and drink. Farm and Dairy [Salem] 31(49, 1. e. 50): 8. Aug. 17, 1945. 6 F2279
- 17271 CLINE, L. E. How fast do turkeys grow? How much will they eat? Norbest Turkey News 10, 1. e. 9(1, 1. e. 12): 3, 5-6. July 1945. 47.38 N75
- 17272 CLINTON, E. F. Turkey feeding. Victoria. Dept. Agr. J. 43: 249. June 1945. 23 V66J
- 17273 CORLETT, D. Busy them with a bale. Poultry Farmer [London] 113(2928): 6. Aug. 3, 1945. 47.8 F312  
Effect of feeding on egg production.
- 17274 DAVIDSON, J. A. Poultry feeding. M. S. C. Vet. 5: 54-58, 83. Winter 1945. 41.8 M582
- 17275 GRANGE, C. New conception of run and range management. Smallholder 73(1846): 12. Aug. 3, 1945. 10 Sml
- 17276 GRISOLIA, E. H. Los patos; su alimentación. Mundo Avic. 8(90): 8-10, 12. Aug. 1945. 47.8 M92
- 17277 HARDISTY, H. Stock set backs. Poultry World 77: 61. Aug. 10, 1945. 47.8 P8682  
Feeding.
- 17278 HERTZ, R. The quantitative relationship between stilbestrol response and dietary "folic acid" in the chick. Endocrinology 37: 1-6. July 1945. 448.8 En2
- 17279 HUNTER, J. E. Soybean oil meal in poultry feeding. Grain & Feed Rev. 54(12): 24-25. Aug. 1945. 280.28 C78  
Also in Flour & Feed 46(5): 28. Aug. 1945. 298.8 P66; Amer. Miller and Processor 73(8): 82. Aug. 1945. 298.8 Am32
- 17280 JULL, M. A. Feeding for high egg production. Md. Farmer 29(8): 14-15. Aug. 1945. 6 M362
- 17281 JULL, M. A. Finishing turkeys for market. South. Planter 106(8): 14-15. Aug. 1945. 6 So39
- 17282 KENNARD, D. C., and CHAMBERLIN, V. D. Good range and pasturage pays well in growth of chickens. U. S. Egg & Poultry Mag. 51: 321-326. July 1945. 286.85 Eg3
- 17283 KING, C. H. Greens. U. S. Egg & Poultry Mag. 51: 318-319, 333. July 1945. 286.85 Eg3
- 17284 KIRKPATRICK, E. A. Como alimenta a sus pollitos? Mundo Avic. 8(90): 44-45, 58. Aug. 1945. 47.8 M92
- 17285 LACKLAND, S. B. Feed fowl well in molt period. Grit and Steel 47, 1. e. 45(5): 27. Sept. 1945. 47.8 G88
- 17286 M., W. H. T. Youngsters won't eat: they will if these principles are followed. Poultry World 77: 13. July 13, 1945. 47.8 P8682
- 17287 MCCLYMONT, G. L. The nutritional requirements of poultry. Practical application of results of research. Agr. Gaz. N. S. Wales 56: 276-278. (Cont.) June 1, 1945. 23 N472
- 17288 \*MACDONALD, A. J., and BOSE, S. Proteins for egg production. Indian J. Vet. Sci. and Anim. Husband. 13: 150-156. June 1943. 41.8 In22
- 17289 \*MACDONALD, A. J., and BOSE, S. Soya bean meal supplements for chickens. Indian J. Vet. Sci. and Anim. Husband. 13: 108-114. June 1943. 41.8 In22
- 17290 MCLEAN, L. T. Milk [whey] for poultry. South Calif. Rancher 10(7): 7. July 1945. 6 So831
- 17291 MARGOLF, P. H. Turkeys fed grass clippings gain weight more rapidly and are marketable sooner. Sci. Farmer [Pa. Sta.], June 1945, p. 2-3. 100 P381
- 17292 MARTIN, M. C. Hand feeding squabs for market. Amer. Pigeon J. 34(5/6): 71. May/June 1945. Beltsville Branch Libr.
- 17293 MILLER, M. W. Minerals must be controlled in poultry ration. Washcoegg 23(3): 5, 25. Aug. 1945. 47.8 W27
- 17294 MORRIS, L. Skim milk excellent food for poultry. Wyo. Stockman-Farmer and Wyo. Indus. J. 51(8): 11. Aug. 1945. 6 W992  
Skim milk and other feeds.
- 17295 OSGOOD, G. Range care of late-hatched pullets. Checkerboard News 7(7): 18-19. Sept. 1945. 389.78 C41
- 17296 PARISH, A. J. Shy feeders: forceful fowls take more than a fair share, unless watched carefully. Poultry World 77: 56. Aug. 3, 1945. 47.8 P8682
- 17297 POLK, H. D. Grasses, clovers, good as vitamin source for pullets. Miss. Farm Res. [Miss. Sta.] 8(7): 8. July 1945. 100 M69M1
- 17298 ROOME, C. A. Geese as gleaners of stubble. Farmer & Stock-Breeder 59: 1293. Aug. 14, 1945. 10 F228
- 17299 S., H. J. Put up alfalfa for poultry. Successful Farming 43(9): 112. Sept. 1945. 6 Sul2
- 17300 TEMPERTON, H., and DUDLEY, F. J. The restriction of food to growing and laying stock. Part 4. The effect of limiting the available energy in rations for laying hens. Harper Adams Util. Poultry J. (n. s.) 30: 28-30. Apr. 1945. 47.8 P8612
- 17301 WOLFF, E. Makes her own chick starter. Family Herald and Weekly Star 76(30): 9. July 25, 1945. 7 F21
- 17302 WRIGHT, M. M., and DUDLEY, F. J. Semi-dried town food waste and steamed potatoes for laying ducks, reared on these foods. Harper Adams Util. Poultry J. (n. s.) 30: 19-21. Apr. 1945. 47.8 P8612

#### Veterinary Medicine

- 17303 ALICATA, J. E. Sulphur supplement to sanitation. Hawaii Farm and Home 8(8): 23. Aug. 1945. 25 H3191  
Control of coccidiosis in poultry.
- 17304 BAKKER, T. Protamone pushes up egg production in old birds: thyroid hormones for laying: female hormones for fattening. Poultry Farmer [London] 113(2929): 3. Aug. 10, 1945. 47.8 F312
- 17305 \*BALLANI, B. Contributo alla profilassi e alla terapia della attuale epizootia del pollame. Azione Vet. 10: 390. Oct. 30, 1941. 41.8 Az3  
Laryngotracheitis.
- 17306 BIBLIOGRAPHY of poultry diseases. Vol. 9, No. 2, Nov. 1944. 17 p., processed. 241 B473  
Compiled by laboratory workers in pullorum disease control. Issued semi-annually at New Jersey Agricultural Experiment Station and Rutgers University, New Brunswick.
- 17307 BUTTNER, E. E. Psittacosis in pigeons. So. African Poultry, Pigeon and Bird Mag. 51: 179. July 1945. 47.8 So83
- 17308 CARBALLO POU, M., FIELITZ, F., and CALZADA, V. Sobre un caso de tetramerosis. Uruguay. U. Facul. de Vet. An. 4: 403-409. Dec. 1944. 41.9 M764
- 17309 \*CARPANO, M. La laringo-tracheite infettiva dei gallinacci in Egitto ed in Albania - suoi rapporti specialmente con la peste aviaria. Azione Vet. 10: 234-243. June 30, 1941. 41.8 Az3



- 17310 CASSAMAGNAGHI, A. (HIJO). Nueva especie de microfilaria localizada en nódulos de la pleura, en *Gallus gallus domesticus*. Uruguay. U. Facul. de Vet. An. 4: 439-441. Dec. 1944. 41.9 M764
- 17311 \*CHORINE, V. Culture du spirochète de la poule. Inst. Pasteur [Paris]. Ann. 68: 524-527. Nov./Dec. 1942. 448.3 An75
- 17312 DELAPLANE, J. P. Sulfaquinoxaline in preventing upper respiratory infection of chickens inoculated with infective field material containing *Pasteurella avicida*. Amer. J. Vet. Res. 6: 207-208. July 1945. 41.8 Am3A
- 17313 FLEISCHMANN, W., and FRIED, I. A. Studies on the mechanism of the hypercholesterolemia and hypercalcemia induced by estrogen in immature chicks. Endocrinology 36: 406-415. June 1945. 448.8 En2
- 17314 GORDON, R. F. Blood-testing to eradicate B. W. D. Mod. Poultry Keeping 53: 82-83. Aug. 1, 1945. 47.8 Eg3
- 17315 GORDON, R. F. Testing for B. W. D. on the farm. Mod. Poultry Keeping 53: 100-101. Aug. 8, 1945. 47.8 Eg3
- 17316 GRAU, C. R. Deformity of the tongue associated with amino acid deficiencies in the chick. Soc. Expt. Biol. and Med. Proc. 59: 177-178. June 1945. 442.9 Sol
- 17317 GUTTERIDGE, H. S. The future of hormones as finishing and fattening agents. Canad. Poultry Rev. 69(8): 9-10, 12-14. Aug. 1945. 47.8 Cl6
- Introduction by I. Kosin.
- 17318 GWATKIN, R. Studies in pullorum disease. V. Efficiency of homologous and heterologous antigens in detecting reacting birds in a variant-infected flock. Canad. J. Compar. Med. 9: 183-191. July 1945. 41.8 Cl62
- 17319 HARTEL, H. How Hartel controls coccidiosis. N. J. Farm and Gard. 16(8): 25. Aug. 1945. 6 Gl62
- 17320 HASLER, W. T., JR. Penicillin for swollen eyes. Amer. Pigeon J. 34(5/6): 74. May/June 1945. Beltsville Branch Libr.
- 17321 \*IYER, S. G. Studies on Newcastle (Ranikhet) disease virus. Indian J. Vet. Sci. and Anim. Husb. 13: 1-26. Mar. 1943. Ref. 41.8 In22
- 17322 JOHNSON, E. P. Experimental vaccination for prevention of the avian leucosis complex. Amer. J. Vet. Res. 6: 198-203. July 1945. 41.8 Am3A
- 17323 JONES, R. E. Bluecomb season again. New England Homestead 118(15): 14-15. Aug. 11, 1945. 6 N442
- 17324 \*KAURA, R. L. The possible existence of fowl paralysis (neurolymphomatosis gallinarum) in India. Indian J. Vet. Sci. and Anim. Husb. 11: 367-372. Dec. 1941. 41.8 In22
- 17325 KERLIN, D. L., and GRAHAM, R. Studies on certain filtrable viruses. VIII. Viability of chicken embryo fowl pox virus. Amer. J. Vet. Res. 6: 204-207. July 1945. 41.8 Am3A
- VIII is abstract of thesis of the senior author (M. S.) - University of Illinois.
- 17326 LESTREM, A. Anomalías y lesiones de las plumas. Mundo Avic. 8(90): 16. Aug. 1945. 47.8 M92
- 17327 LESTREM, A. Principales medicamentos utilizados para tratar las enfermedades de las aves. Mundo Avic. 8(88): 18; (89): 18; (90): 10. June-Aug. 1945. 47.8 M92
- 17328 LIKIERMAN, E. El moquillo de las aves. Campo [Buenos Aires] 29(344): 52-53, 57. June 1945. 9 Cl5
- 17329 LODGE, C. Coccidiosis; -- prevention and treatment. Poultry Farmer [London] 113(2928): 7. Aug. 3, 1945. 47.8 F312
- 17330 LYON, F. J. Why and wherefore of pigeon lore; wing trouble in racing pigeons. Amer. Racing Pigeon News 61(8): 22. Aug. 1945. 47.8 H75
- 17331 MACEDO, L. R. T. DE. Ação da fenotiazina sobre protozoários enterícolas de "*Meleagris gallopavo domestica*" e "*Gallus domesticus*." Inst. Vital Brazil. B. 4(27): 47-57. Dec. 1944. 448.9 In75B
- 17332 MACKENZIE, F. B. Poultry parasites; and what to do about them. Albers Egg Maker 21(3): 5-6, 19. Summer 1945. 47.8 All
- Includes both internal and external parasites.
- 17333 \*MENZANI, C. Di una grave epizootia del pollame attualmente dominante in Italia. Azione Vet. 10: 271-273. July 30, 1941. 41.8 Az3
- An unidentified virus disease.
- 17334 MINER, M. L. Paratyphoid infection spreads easily in turkeys. Utah Farmer 65(2): 31. Aug. 15, 1945. 6 D45
- 17335 MONAHAN, B. Coccidiosis in turkeys. Cackle and Crow 27(10): 11. Aug. 1945. 47.8 Cl1
- 17336 \*MUDALIAR, S. V. Cotugnia bhaleraoi n. sp. Indian J. Vet. Sci. and Anim. Husb. 13: 166-167. June 1943. 41.8 In22
- Tapeworm collected from poultry.
- 17337 \*PAGNINI, U. Ricerche sulla virulenza per varie specie di uccelli viventi in liberta dell'agente causale della dominante moria del nostro pollame. Azione Vet. 11: 281-285. Dec. 30, 1942. 41.8 Az3
- 17338 \*PAGNINI, U. Sulla profilassi della laringo-tracheite infettiva dei polli una promettente via da tentare. Azione Vet. 10: 151-154. Apr. 15, 1941. 41.8 Az3
- 17339 PEARSON, P. B., MELASS, V. H., and SHERWOOD, R. M. The effect of the pantothenic acid content of eggs on the amount in newly hatched chicks. Arch. Biochem. 7: 353-356. July 1945. 381 Ar2
- 17340 \*RAFFAELLO, Z. Ricerche sperimentali sull'agente dell'attuale epizootia del pollame in Italia. Azione Vet. 10: 274-283. July 30, 1941. 41.8 Az3
- Includes fowl pest, laryngotracheitis, and fowl pox, with special reference to immunization of the latter.
- 17341 \*REVUTSKAIA, P. S. Ektoplasmaticheskiy protsess formirovaniia kollagenykh volokon pri gistogeneze gladkoj muskulaturny amniona kurinogo zarodysha (Ectoplasmatic process of formation of collagenous [sic] fibres in the histogenesis of the smooth muscles of the amnion of the hen's embryo). B. Ek-sper. Biol. i Med. 19(1/2): 23-26. 1945. 442.8 B87
- 17342 REYNOSO, R. H. Parasitosis intestinal de las aves (heterakiasis). Campo [Buenos Aires] 29(344): 54, 66. June 1945. 9 Cl5
- 17343 RUDNICK, D. Limb-forming potencies of the chick blastoderm: including notes on associated trunk structures. Conn. Acad. Arts and Sci. Trans. 36: 353-378. July 1945. Ref. 500 C76T
- 17344 SARASQUETA, P. A. DE. Diarrea blanca bacilar; bacilo pullorum. Mundo Avic. 8(88): 14-15, 35. June 1945. 47.8 M92
- 17345 SEELE, A. O., MALANGA, C., and PIERSON, J. Effect of streptomycin on avian malaria. Soc. Expt. Biol. and Med. Proc. 59: 291-292. June 1945. 442.9 Sol
- 17346 SEELE, A. O., and OTT, W. H. Studies on nutrition and avian malaria. III. Deficiency of "folic acid" and other unidentified factors. J. Infect. Dis. 77: 82-84. July/Aug. 1945. 448.8 J821
- 17347 \*SERRA, A. Brevi considerazioni sulla recente epizootia del pollame in Piemonte e Liguria. Azione Vet. 10: 107-110. Mar. 15, 1941. 41.8 Az3
- 17348 \*TARANTINO, G. B. Di una moria di polli nel Governo dei Galla e Sidama. Azione Vet. 10: 451. Dec. 15, 1941. 41.8 Az3
- 17349 \*TASSINARI, R. I "grani medicati" nelle malattie del pollame. Azione Vet. 10: 391. Oct. 30, 1941. 41.8 Az3
- 17350 \*THEISS, O. Ein Beitrag zur osteomyelose des geflügels. Deut. Tierärztl. Wchn-schr./Tierärztl. Rundschau 52/50: 266-269. July 15, 1944. 41.8 D482



17351 \*THIERY, J. P. Traitement préventif de la pullorose (diarrhée blanche des poussins) par l'association d'un sérum anti-pullorum et d'un sulfamidé. Rev. des Agr. de France 75: 72. May 1943. 14 R435

17352 TURNILL, L. C. Overcrowding: cause of summer colds [in poultry]. Farmer & Stock-Breeder 59: 1137. July 17, 1945. 10 F228

Precautions suggested and tonic recommended.

17353 WARNER, C. It's cruel not to dub. Poultry Farmer [London], 113(2926): 3. July 20, 1945. 47.8 F312

#### Miscellaneous

17354 ADVICE to Bantam exhibitors. By "Domesticus." Mod. Poultry Keeping 53: 42. July 18, 1945. 47.8 Eg3

17355 ANGELL, G. N. There are good reasons why turkeys are kind to the Fraedrichs of Caldwell. Idaho Farmer 63, 1. s. 68: 395. Aug. 2, 1945. 6 G282

17356 BARLEY, H. D. An acid test for males. Poultry World 77: 13. July 13, 1945. 47.8 P8682

Culling.

17357 BARLEY, H. D. Batteries for egg records. Poultry World 77: 37. July 27, 1945. 47.8 P8682

17358 BARLEY, H. D. Be wary of mixed flocks. Poultry World 77: 49, 53. Aug. 3, 1945. 47.8 P8682

17359 BARLEY, H. D. Rearing in batteries. Poultry World 77: 25, 28. July 20, 1945. 47.8 P8682

17360 BIRTWISTLE, V. Where test winners are bred. Poultry [London] 97: 107. Aug. 14, 1945. 47.8 P869

Description of a poultry farm.

17361 BIRTWISTLE, V. You can help hens maintain production. Poultry [London], 97: 38. July 17, 1945. 47.8 P869

Egg production.

17362 BROOMHEAD, W. W. Growers with weak legs. Poultry [London], 97: 72. July 31, 1945. 47.8 P869

17363 BROOMHEAD, W. W. Pullets not thriving. Poultry [London], 97: 88. Aug. 7, 1945. 47.8 P869

Care.

17364 BROOMHEAD, W. W. Why this young hen does not lay. Poultry [London], 97: 40. July 17, 1945. 47.8 P869

17365 \*BROZZETTI, P. La produzione delle uova galline di razza locale della provincia di Perugia. Azione Vet. 10: 408-414. Nov. 15, 1941. 41.8 Az3

17366 C., H. Broody-breaking calls for quick work now. Smallholder 73(1846): 10. Aug. 3, 1945. 10 Sml

17367 CARSWELL, N. B. Order early for best chicks. South. Agr. 75(8): 32. Aug. 1945. 6 So83

17368 CAVERS, J. R. Expert advises build flesh before fattening poultry. Manitoba Co-op. 3(2): 2. Aug. 15, 1945. 280.28 M31

17369 CHARLES, T. B. Late summer plans. Rural New-Yorker 104: 374. Aug. 1945. 6 R88

Poultry.

17370 COLES, J. D. W. A. Kalkoene [Turkeys]. So. African Poultry, Pigeon and Bird Mag. 51: 172. July 1945. 47.8 So83

17371 DAKAN, E. L. Broilers - in batteries or on floor? Ohio Farmer 196(4): 25. Aug. 18, 1945. 6 Oh3

17372 DIEZ MORI, A. Preparación de aves para exposición. Campo [Buenos Aires], 29(344): 55. June 1945. 9 C15

17373 DOMESTIC plans for autumn. By Domesticus. Mod. Poultry Keeping 53: 62. July 25, 1945. 47.8 Eg3

17374 DON'T keep [Bantam] culls. By Observer. Poultry World 77: 20. July 13, 1945. 47.8 P8682

17375 DURÁN, J. J. Cuidado de los pollitos. Agr. Mex. 61(3): 15-21. Mar./Apr. 1945. 8 Ag8

17376 EVANS, O. O. Enemies of poultry. All-Pets Mag. 16(15): 41-42. Aug. 1945. 48.8 AL5

Mainly about rats and their control.

17377 FARNSWORTH, MRS. H. Big demand for capons. Kans. Farmer 82(14): 15. July 21, 1945. 6 K13

17378 FORCING the birds to moult. By Domesticus. Mod. Poultry Keeping 53: 62. July 25, 1945. 47.8 Eg3

17379 G., C. Should poultry farmers force-moult their flocks? Smallholder 73(1846): 10-11. Aug. 3, 1945. 10 Sml

Effect on winter egg production.

17380 GILDOW, E. M. The truth about laying cages. Albers Egg Maker 21(3): 7-9, 20-21. Summer 1945. 47.8 AL1

Includes directions for building cages and care of the poultry.

17381 GOGGIN, F. J. Warns present bad practices will come to an end. Peninsula Broiler J. 5(7): 4. Aug. 6, 1945. 47.8 P37

Sanitation.

17382 GORDON, M. D. Care of poultry in hot weather. Field 185: 601. June 16, 1945. 10 F45

17383 GORDON, M. D. Management of the sitting hen. Field 185: 655. June 30, 1945. 10 F45

17384 GORDON, M. D. Pitfalls in chicken rearing. Field 185: 397. Apr. 21, 1945. 10 F45

Care of chicks.

17385 GORDON, M. D. Sex-linked crosses for summer hatching. Field 185: 576. June 9, 1945. 10 F45

Care of chicks.

17386 HALLOWS, R. J. One road to success; simple handling provides the key to most poultry ills and ailments. Poultry World 77: 20. July 13, 1945. 47.8 P8682

17387 HALLOWS, V. C. Summer moult. Poultry World 77: 29. July 20, 1945. 47.8 P8682

17388 HANSEN, E. Don't waste feed on non-producers. Feedstuffs 17(32): 27-29. Aug. 11, 1945. 286.81 F322

Culling of poultry.

17389 HANSEN, R. S. Modernizing the poultry farm in Pierce County, Washington. Washcoegg 23(3): 11-13. Aug. 1945. 47.8 W27

17390 HANSON, R. M. Poultry "Down Under." Amer. Poultry J. 76(9): 18-19. Sept. 1945. 47.8 Am32

Poultry industry in Australia.

17391 HART, C. P. Summer hints on care of flock. R. I. State Col. Ext. Better Rural Life 6(7): 4. July 1945. 275.29 R34B

17392 HOWES, H. Autumn table ducklings. Mod. Poultry Keeping 53: 119. Aug. 15, 1945. 47.8 Eg3

Care.

17393 HOWES, H. Culling the ducks. Mod. Poultry Keeping 53: 67. July 25, 1945. 47.8 Eg3

17394 HOWES, H. Ducks in the moult. Mod. Poultry Keeping 53: 100. Aug. 8, 1945. 47.8 Eg3

17395 HOWES, H. Freedom for ducklings. Mod. Poultry Keeping 53: 47. July 18, 1945. 47.8 Eg3

Care.

17396 HOWES, H. Small geese for Christmas. Mod. Poultry Keeping 53: 10-11. July 4, 1945. 47.8 Eg3

17397 HUTTAR, J. C. Now's the time to cull and sell. Amer. Agr. 142: 329, 344. Aug. 18, 1945. 6 Am3

17398 HUTTON, J. Sick Bantams in show pens. Poultry [London] 97: 108. Aug. 14, 1945. 47.8 P869

17399 HYRE, H. M. Selecting and housing pullets. South. Planter 106(8): 8-9. Aug. 1945. 6 So89

17400 IONA: poultry farm, Bellville. By Observer. So. African Poultry, Pigeon and Bird Mag. 51: 167-168. July 1945. 47.8 So83

17401 JOHNSTON, M. G. How to get rid of non-layers. Family Herald and Weekly Star 76(34): 11. Aug. 22, 1945. 7 F21

17402 JOHNSTON, M. G. Some early fall difficulties. Family Herald and Weekly Star 76(33): 11. Aug. 15, 1945. 7 F21



- 17403 KAUFMAN, F. D. Pigeons after the war. Amer. Pigeon J. 34(5/6): 70. May/June 1945. Beltsville Branch Libr.
- 17404 KAUPP, B. F. Now is the time to provide for summer comfort of poultry. Poultry & Rabbit Monthly 13(8): 7-8. Aug. 1945. 47.8 P8654
- 17405 KENNERLY, A. B. Turkey trots through Texas farms. Farm and Ranch 64(8): 1, 23-24. Aug. 1945. 6 T31
- 17406 KIMBER, J. E. The true function of summer chicks. Calif. Cult. 92: 425. Aug. 4, 1945. 6 C12 Seasonal hatching.
- 17407 LEUSCHNER, F. H. Start to build-up your litter. Canad. Poultry Rev. 69(8): 5, 18-20. Aug. 1945. 47.8 C16
- 17408 LEY, I. No chicks lost. Wis. Agr. and Farmer 72(16): 17. Aug. 18, 1945. 6 W751 Care.
- 17409 LITTER for the gathering. By Domesticus. Mod. Poultry Keeping 53: 78. Aug. 1, 1945. 47.8 Eg3  
Mainly about bracken as litter.
- 17410 LODGE, C. Sexing chicks. Poultry Farmer [London] 113(2927): 7. July 27, 1945. 47.8 F312
- 17411 LODGE, C. Summer layers. Poultry Farmer [London] 113(2926): 7. July 20, 1945. 47.8 F312
- 17412 MERRIMAN, J. B. The I. Q. of poultry. Rural New-Yorker 104: 357, 376. Aug. 1945. 6 R88
- 17413 MISSOURI POULTRY IMPROVEMENT ASSOCIATION. 1945 yearbook. 63 p. Columbia, Mo. 47.9 M693  
Partial contents: Missouri's poultry industry, by H. L. Kempster, p. 12-14, 62; Egg-laying tests and their contribution to the improvement of poultry, by T. W. Noland, p. 16; Chicks produced by members of the Missouri Poultry Improvement Association live well by E. M. Funk, p. 38-39; Developing a sound flock program for 1946, by F. W. Wright, p. 40, 42; Raising better pullets in 1945, by E. B. Winner, p. 44-45; U. S. approved-pullorum tested turkey breeding flock requirements, by H. C. Canfield, p. 48; A key to flock breeding improvement, by N. M. Hall, p. 50, 52, 54, 56-57.
- 17414 MOISE, H. The present squab situation. Amer. Pigeon J. 34(5/6): 74. May/June 1945. Beltsville Branch Libr.
- 17415 MOORE, A. C. Egg farmers will need advice. Poultry [London] 97: 70. July 31, 1945. 47.8 P869  
Present condition of poultry in Great Britain.
- 17416 MOORE, A. C. Next winter's pullets. Poultry [London] 97: 54. July 24, 1945. 47.8 P869  
Includes breeding.
- 17417 MOORE, A. C. There's money in geese today. Poultry [London] 97: 86. Aug. 7, 1945. 47.8 P869  
A general account.
- 17418 MOORE, F. E. Several changes considered for National Turkey Improvement Plan. Turkey World 20(8): 30-33. Aug. 1945. 47.38 T84  
Includes Nebraska Plan of the State plan series.
- 17419 MOORE, M. Let us have eggs. Albers Egg Maker 21(3): 3-4, 17-18. Summer 1945. 47.8 A11  
Care.
- 17420 MOORE, P. Why feed that "no 'count" hen, anyway? Idaho Farmer 63, i. e. 68: 400. Aug. 2, 1945. 6 G282  
Culling.
- 17421 NEW YORK (STATE). DEPT. OF AGRICULTURE AND MARKETS. New York 1945 official directory of poultry breeders and hatcheries operating under the National Poultry Improvement Plan. 20 p. Albany, 1945. 225 N48  
U. S. Bureau of Animal Industry cooperating.
- 17422 NEWMAN, T. Body size. Mod. Poultry Keeping 53: 82. Aug. 1, 1945. 47.8 Eg3  
Relation to egg production.
- 17423 NEWMAN, T. Growth. Mod. Poultry Keeping 53: 47. July 18, 1945. 47.8 Eg3
- 17424 NEWMAN, T. Incubator hatched. Mod. Poultry Keeping 53: 101. Aug. 8, 1945. 47.8 Eg3
- 17425 NEWMAN, T. The moult. Mod. Poultry Keeping 53: 10. July 4, 1945. 47.8 Eg3
- 17426 OGLE, R. C. Profitable pullets; well grown, well housed, well managed. Breeder's Gaz. 110(8): 16. Sept. 1945. 49 B74
- 17427 PARISH, A. J. Feathers are falling. Poultry World 77: 25. July 20, 1945. 47.8 P8682  
Feathering at different stages of growth.
- 17428 PARISH, A. J. Pullet pointers: young stock need lessons in laying and management. Poultry World 77: 17. July 13, 1945. 47.8 P8682
- 17429 PARISH, A. J. What, no exercise! no wonder the battery system puzzles beginners. Poultry World 77: 32. July 20, 1945. 47.8 P8682
- 17430 POWELL-OWEN, W. Summer resting of hens. Poultry World 77: 61. Aug. 10, 1945. 47.8 P8682
- 17431 POWELL-OWEN, W. Working to a model. Poultry World 77: 29. July 20, 1945. 47.8 P8682  
Care for the control of disease.
- 17432 PRALL, P. A. Pedigree stock in fold units. Poultry World 77: 53. Aug. 3, 1945. 47.8 P8682
- 17433 \*QUINT, A. Problems of artificial illumination of poultry houses for increasing laying capacity. (In Hebrew.) Hassadeh 25: 326-329. June 1945. 26 H27
- 17434 RAIMO, H. F. Trato e manejo das poedeiras em criação em abrigos fixos. Rev. dos Criadores 16 (7): 71-74. (To be cont.) July 1945. 43.8 R32
- 17435 RETIEF, J. C. D. Sanitation in poultry farming. S. A. P. A. Poultry B. 8(93): 12. June 1945. 47.8 So89
- 17436 ROSCOE, C. Don't rear ducklings on damp litter. Poultry [London] 97: 54. July 24, 1945. 47.8 P869
- 17437 ROSCOE, C. The early duck should get the bird. Poultry [London] 97: 86. Aug. 7, 1945. 47.8 P869  
Care.
- 17438 SERFONTEIN, P. J. Vyftig wenke omtrent kuikens [Fifty hints about chickens]. S. A. P. A. Poultry B. 8(93): 9. June 1945. 47.8 So89
- 17439 SODERBERG, P. M. Pigment in the lower mandible. Poultry Farmer [London] 113(2929): 6. Aug. 10, 1945. 47.8 F312  
Guide to culling.
- 17440 STEERE, R. E. Summer turkey topics. East. States Coop. 21(7): 8-9. July 1945. 280.28 Ea7
- 17441 TAYLOR, J. C. Produce more eggs. N. J. Farm and Gard. 16(8): 24-25. Aug. 1945. 6 G162
- 17442 TONTZ, C. Profit from culling. Calif. Cult. 92: 448-449. Aug. 18, 1945. 6 C12  
Culling poultry.
- 17443 UYS, C. J. Vermorsing van eiers gedurende die broeiseisoen. S. A. P. A. Poultry B. 8(93): 14. June 1945. 47.8 So89  
Hatching.
- 17444 VISIT to Columbia Poultry Farm. By Observer. So. African Poultry, Pigeon and Bird Mag. 51: 139-140. June 1945. 47.8 So83
- 17445 VOLLRATH, H. Conserve poultry feed. Hawaii. U. Agr. Ext. Let. 26(1): 2. July 1945. 275.29 H312  
Culling.
- 17446 WARE, H. G. Prepare now for fall egg production. Farmer-Stockman 58: 280. Aug. 1945. 6 Ok45
- 17447 'WARE egg eaters. By Observer. Poultry World 77: 56. Aug. 3, 1945. 47.8 P8682
- 17448 WELLS, R. S. Capon farming is easy. Poultry & Rabbit Monthly 13(8): 6, 10. Aug. 1945. 47.8 P8654  
As told by J. L. Baker.  
Includes description for caponizing.



17449 WILLIAMS, G. T. When Bantams are moulting. Poultry [London] 97: 105. Aug. 14, 1945. 47.8 P869 Preparation for shows.

17450 WILSON, W. O. The effect of relative humidity on hatchability of turkey eggs. S. Dak. Acad. Sci. Proc. 24: 40-42. 1944. 500 So82

## RABBITS

### Breeds and Breeding

17451 ABRAMS, L. E. De Argents - show, or commerce? Internatl. Com. Rabbit J. 3(20): 29-31. June 1945. 40.28 In8

Champagne D'Argent, a breed of rabbits.

17452 ABRAMS, L. E. Watch your hay! Internatl. Com. Rabbit J. 3(22): 13-15. Aug. 1945. 40.28 In8 Feeding of Angora rabbits.

17453 ALLEN, W. H. Yes! I jumped the fence. Internatl. Com. Rabbit J. 3(22): 35-36. Aug. 1945. 40.28 In8

Raising Angora rabbits.

17454 BLAKE, R. Grooming Angoras for wool. Poultry World 77: 43. July 27, 1945. 47.8 P8682

17455 BLAKE, R. Potential profit from every litter. Poultry World 77: 30. July 20, 1945. 47.8 P8682

Raising Angoras.

17456 BROOKS, C. Kill [Chinchillas] at 24 hours when pink colour has gone. Poultry Farmer [London] 113(2926): 9. July 20, 1945. 47.8 F312

Guide to culling young rabbits.

17457 CHERRIER, E. More money from your Angoras. Internatl. Com. Rabbit J. 3(20): 7-8. June 1945. 40.28 In8

17458 CLEVELAND, J. R. New Zealand Reds, fancy and commercial. Internatl. Com. Rabbit J. 3(18): 52-53. Apr. 1945. 40.28 In8

17459 COLE, MRS. J. D. Better living. Internatl. Com. Rabbit J. 3(22): 27-28. Aug. 1945. 40.28 In8

Raising Angora rabbits.

17460 COUCH, V. M. Eastern note. Internatl. Com. Rabbit J. 3(20): 69-70. June 1945. 40.28 In8 Concerning New Zealand White rabbits.

17461 COUCH, V. M. The meat situation in the East. Internatl. Com. Rabbit J. 3(18): 27. Apr. 1945. 40.28 In8

Breeding of rabbits.

17462 COUCH, V. M. Sale for rabbit meat and pelts. Internatl. Com. Rabbit J. 3(20): 33-34. June 1945. 40.28 In8

Breeding rabbits for sale.

17463 COUCH, V. M. Timely tips on breeding rabbits. All-Pets Mag. 16(15): 58. Aug. 1945. 48.8 AL5

17464 DEAN, H. Angoraventure. Internatl. Com. Rabbit J. 3(22): 23-26. Aug. 1945. 40.28 In8

17465 GARDNER, A. Dominant and recessive characters of Giant Chinchillas. Small Stock Mag. 29(8): 24. Aug. 1945. 48.8 P442

17466 HAGGARD, J. ST. C. Rexing the fancy. Small Stock Mag. 29(8): 24B. Aug. 1945. 48.8 P442

17467 HEETEBRY, P. T. The fanciers and the future. Calif. Rabbits Mag. 9(1): 11, 15. Aug. 1945. 40.28 Sa5

17468 HENRY, C. A. New Zealand. Small Stock Mag. 29(8): 46. Aug. 1945. 48.8 P442

17469 HRIBAR, L. Why I like Champagnes. Internatl. Com. Rabbit J. 3(20): 23-25. June 1945. 40.28 In8

17470 JACOBSON, K. Contributions of the fancier to the rabbit industry. Small Stock Mag. 29(8): 4. Aug. 1945. 48.8 P442

Also in Amer. Small Stock Farmer 29(11, 1. e. 12): 5. Sept. 1945. 48.8 J82

17471 JAYNE, S. P. Comments on show type I vs. production type II of New Zealand. Small Stock Mag. 29(8): 24C. Aug. 1945. 48.8 P442

17472 \*KEHRBERG, E. Das Grossschinchen. Kaninchenzucht, No. 1, p. 1-2. Jan. 1945. 40.28 K13

17473 KISKEY, F. The genetical background of rabbit breeding. II. What part do genes play in rabbit breeding? Small Stock Mag. 29(8): 18-19, 22. Aug. 1945. 48.8 P442

17474 KRAMER, F. J. The small breed--for show and utility. Amer. Small Stock Farmer 29(11, 1. e. 12): 3. Sept. 1945. 48.8 J82

17475 LIPPINCOTT, T. Checkered Giants a sound investment. Small Stock Mag. 29(8): 35. Aug. 1945. 48.8 P442

17476 LOWELL, G. F. Champagne D'Argent. Internatl. Com. Rabbit J. 3(20): 69. June 1945. 40.28 In8

17477 MEEK, M. W. Silver rabbits. Internatl. Com. Rabbit J. 3(20): 53-59. June 1945. 40.28 In8

17478 METZ, A. E. In union there is strength. Internatl. Com. Rabbit J. 3(20): 44. June 1945. 40.28 In8

Concerning the Creme D'Argent breed of rabbits.

17479 MORGAN, W. E. More ramblings about the white gold rabbits. Internatl. Com. Rabbit J. 3(21): 17-18. July 1945. 40.28 In8

Angora rabbits and their feed.

17480 NICHOLSON, J. C. Introducing "Silver." Internatl. Com. Rabbit J. 3(20): 27. June 1945. 40.28 In8

A hybrid produced by crossing Red Satin and Champagne D'Argent rabbits.

17481 NICHOLSON, J. C. Meat production first. Internatl. Com. Rabbit J. 3(20): 60-61. June 1945. 40.28 In8

The Champagne D'Argent breed of rabbits.

17482 ORR, C. W. Angora raising as a business. Natl. Fur News 17(7): 7. Aug. 1945. Baltville Branch Libr.

17483 PATWORTH, D. Putting size in rabbits. Poultry [London] 97: 57. July 24, 1945. 47.8 P869

17484 PELLETIER, H. Remove that [Chinchilla] weight, gap. Small Stock Mag. 29(8): 16. Aug. 1945. 48.8 P442

17485 POTTER, A. S. Vigilance is the price of success. Internatl. Com. Rabbit J. 3(22): 79. Aug. 1945. 40.28 In8

Raising Angora rabbits.

17486 PRICE, J. A. Beware of matting type [Angora] wool, it will drive you crazy at shearing time. Internatl. Com. Rabbit J. 3(20): 19-22. June 1945. 40.28 In8

17487 PRYKE, W. J. Hare x Flemish beats Dutch x Flemish. Poultry Farmer [London] 113(2927): 9. July 27, 1945. 47.8 F312

17488 \*SCHMITT, G. Das wärmehaltungsvermögen der Angorakaninchen. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 372-373. Sept. 23, 1944. 41.8 D482

17489 SCHOENBERGER, E. W. Florida flapdoodle. Internatl. Com. Rabbit J. 3(18): 29-30. Apr. 1945. 40.28 In8

Raising Angora rabbits in Florida.

17490 SIGMOND, P. N. Raising Angora wool. Amer. Small Stock Farmer 29(11): 7-8. Aug. 1945. 48.8 J82

17491 SNOW, O. F. Choosing suitable rabbit breeds. Mod. Poultry Keeping 53: 85. Aug. 1, 1945. 47.8 Eg3

17492 STOUT, R. P. Rexing normal haired New Zealand White does. Small Stock Mag. 29(8): 7. Aug. 1945. 48.8 P442

17493 WEBB, W. H. Try plucking your Angoras. Calif. Rabbits Mag. 9(1): 10, 14. Aug. 1945. 40.28 Sa5

17494 WEBB, W. H. You should be raising Angora rabbits. Internatl. Com. Rabbit J. 3(20): 65-67. June 1945. 40.28 In8



- 17495 WHITE GOLD ANGORA RABBIT FARMS. Ground vs. hutch. Internatl. Com. Rabbit J. 3(21): 25-26. July 1945. 40.28 In8  
Care of Angora rabbits.

#### Feeds and Feeding

- 17496 BUNT, J. Green feed. Internatl. Com. Rabbit J. 3(18): 35-39. Apr. 1945. 40.28 In8
- 17497 \*GASNIER, ----, ARCHAMBAUD, ----, and LEROY, ----. L'utilisation digestive par le lapin du son et de la farine de luzerne "éclatés." Acad. d'Agr. de France. Compt. Rend. 27: 1098-1100. Nov. 26/Dec. 3, 1941. 14 P215Bc
- 17498 M., M. H. Treatment of runs. Farmers' Gaz. [Dublin] 103: 443. Aug. 4, 1945. 10 F221
- 17499 \*MAIOCCO, F. L'alimentazione del coniglio. Azione Vet. 10: 74-76. Feb. 28, 1941. 41.8 Az3
- 17500 PATWORTH, D. Grasses and greenfood for rabbits. Poultry [London] 97: 41. July 17, 1945. 47.8 P869
- 17501 TEMPLETON, G. S. Selection and preparation of rabbit rations. U. S. Fish and Wildlife Serv. Wildlife Leaflet 266, 6 p., processed. Washington, 1945. 1.9 B524W
- 17502 \*WILL, A. Im winter genügt in vielen Fällen ein ausgesprochenes Erhaltungsfutter. Kaninchenzucht, No. 1, p. 1. Jan. 1945. 40.28 K13
- 17503 WILSON, W. K. Feeding rabbits on concentrate-free diets. Part 2. Production rations. Harper Adams Util. Poultry J. (n. s.) 30: 31-35. Apr. 1945. 47.8 P8612

#### Veterinary Medicine

- 17504 \*BESSEMANS, A., and DENOO, A. La pyrexie et la curabilité biologique de la syphilis précoce et tardive du lapin. Inst. Pasteur [Paris]. Ann. 68: 294-313. Apr./June 1942. Ref. 448.3 An75
- 17505 \*ROMBOLI, B. L'oxyuriasi nel coniglio. Sua importanza patogenetica nelle infestazioni associate. Azione Vet. 11: 145-148. June 30, 1942. 41.8 Az3
- 17506 SNOW, C. F. Check rabbit scours quickly. Mod. Poultry Keeping 53: 13. July 4, 1945. 47.8 Eg3
- 17507 TORRES, C. M. Sôbre a hiperplasia celular no mixoma infectuoso do coelho. Inst. Oswaldo Cruz Mem. 41: 283-302. Oct. 1944. 448.9 In74  
English summary.

#### Miscellaneous

- 17508 ALDRICH, MRS. O. My experience. Internatl. Com. Rabbit J. 3(22): 77. Aug. 1945. 40.28 In8  
Raising rabbits.
- 17509 AYALA MARTÍN, E. Conejos: para su crianza industrial hay que respetar sus costumbres. Liborio 5(5/7): 15-16. May/July 1945. 43.8 V41  
A general account.
- 17510 BANKS, A. E. Shearing. Small Stock Mag. 29(8): 36. Aug. 1945. 48.8 P442
- 17511 BARLOW, B. Our experience. Internatl. Com. Rabbit J. 3(18): 21-22. Apr. 1945. 40.8 In8
- 17512 BECKLEY, A. C. Will you exhibit? Internatl. Com. Rabbit J. 3(20): 35. June 1945. 40.28 In8
- 17513 \*CHIELLINI, P. L. Coprofagia fisiologica (?) in roditori di specie diversa. Azione Vet. 10: 86-91. Feb. 28, 1941. 41.8 Az3  
With special reference to the rabbit.
- 17514 COUGH, V. M. A few reminders. Internatl. Com. Rabbit J. 3(19): 19-20. May 1945. 40.28 In8  
Rabbit industry.
- 17515 \*DITTES, E. Braunfleckige Kaninchenfelle. Kaninchenzucht, No. 1, p. 2. Jan. 1945. 40.28 K13  
Suggestions as to care.
- 17516 \*FAVILLI, N. Sul significato biologico di una normale coprofagia in roditori di specie diversa (controlli ed esperienze nuove). Azione Vet. 11: 41-48. Feb. 28, 1942. 41.8 Az3
- 17517 FORBUSH, K. For 4-H members only. Small Stock Mag. 29(8): 20. Aug. 1945. 48.8 P442  
Rabbit raising.
- 17518 GOETTEL, O. F. My ideas of feeding and housing rabbits. Poultry & Rabbit Monthly 13(8): 5, 12. Aug. 1945. 47.8 P8654  
Summer care.
- 17519 HAZELWOOD, C. E. The future [for the American Rabbit and Cavy Breeders Association]. Internatl. Com. Rabbit J. 3(22): 31-33. Aug. 1945. 40.28 In8
- 17520 KRAMER, F. J. In re grand champion certificates. Small Stock Mag. 29(8): 34. Aug. 1945. 48.8 P442
- 17521 \*MAIOCCO, F. Piano straordinario di azione a favore della conigliocultura. Azione Vet. 10: 227. June 30, 1941. 41.8 Az3  
Italy.
- 17522 NORRIS, G. Week end fishing. Internatl. Com. Rabbit J. 3(21): 23-24. July 1945. 40.28 In8  
Care of rabbits during vacations.
- 17523 PATWORTH, D. Rabbit shows educate the novice. Poultry [London] 97: 105. Aug. 14, 1945. 47.8 P869
- 17524 PRICE, J. A. Let's have a simple, workable, universal R. O. P. system that is fair to all. Internatl. Com. Rabbit J. 3(22): 17-22. Aug. 1945. 40.28 In8  
Concerning the new Southwestern R. O. P. Club to record rabbit production.
- 17525 PRICE, J. T., NICHOLSON, J. C., and VERMILLION, O. W. Record of production system. Amer. Small Stock Farmer 29(11): 3-4. Aug. 1945. 48.8 J82
- 17526 REYNOLDS, V. R. It's time to end the rabbit war. Internatl. Com. Rabbit J. 3(20): 9-12. June 1945. 40.28 In8  
About the American Rabbit and Cavy Breeders Association.
- 17527 SCHOCH, N. H. Records, why and how. Internatl. Com. Rabbit J. 3(22): 29-30. Aug. 1945. 40.28 In8  
Value of records of Angora rabbit wool production.
- 17528 SNOW, C. F. Let rabbits rest when moulting. Mod. Poultry Keeping 53: 121. Aug. 15, 1945. 47.8 Eg3
- 17529 SNOW, C. F. Take care of the rabbit pelts. Mod. Poultry Keeping 53: 49. July 18, 1945. 47.8 Eg3  
Care of pelt rabbits.
- 17530 STROSNIDER, J. L. This and that with rabbits. Internatl. Com. Rabbit J. 3(19): 21-22. May 1945. 40.28 In8
- 17531 TONTZ, C. This bunny business. Calif. Cult. 92: 400. July 21, 1945. 6 C12  
Care.
- 17532 UMMEN, A. M. The commercial rabbit business is profitable. Internatl. Com. Rabbit J. 3(18): 9-11. Apr. 1945. 40.28 In8
- 17533 WELLCK, A. A. Rating rabbits. Small Stock Mag. 29(8): 24A. Aug. 1945. 48.8 P442
- 17534 YATES, F. Showing the Angora. Fur Trade J. Canada 22(12): 78. Aug. 1945. 410 F965

#### SHEEP AND GOATS

##### Breeds and Breeding

- 17535 AMERICAN HAMPSHIRE SHEEP ASSOCIATION. Flock record, 1944, Hampshire sheep. Vol. 42, 472 p. Detroit, 1945. 45.9 H182
- 17536 BLUNN, C. T. Yearly differences in growth of Navajo and crossbred ewe lambs. Amer. Soc. Anim. Prod. J. Anim. Sci. 4: 306-310. Aug. 1945. 49 J82



17537 FRANK, A. H., SCHOTT, R. G., and SIMMONS, V. L. Response of anestrus does and ewes to pregnant mare's serum during two consecutive seasons. *Amer. Soc. Anim. Prod. J. Anim. Sci.* 4: 317-324. Aug. 1945. 49 J82

17538 H., W. T. Estimular la fecundidad de las ovejas. *Rev. Ganad. [Buenos Aires]* 26: 286. June 15, 1945. 49 R32

17539 MUIRHEAD, D. B. Selection of British breed rams. *So. Austral. Dept. Agr. J.* 48: 409-412. May 1945. 23 So84

17540 \*STRUGGER, S., and ROSENBERGER, G. Vitalfärbung der siegenspermatozoen mit akridinorange. *Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau* 52/50: 357-359. Sept. 23, 1944. 41.8 D482

17541 WALKER, J. F. I like Corriedales. *Sheepman* 16: 111. Aug. 1945. 45.8 Sh32

17542 WOODCOCK, W. H. Ovinos Ryeland su adelanto en Sud America. *Rev. Ganad. [Buenos Aires]* 26: 291. June 15, 1945. 49 R32

17543 \*ZAVADOVSKII, M., and LITVINOVA, N. Vremia zabola iagniat karakul'skoi porody na smushek (The dates of Astrakhan lamb slaughtering for pelt). *Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok.* 9(11/12): 3-4. 1944. 20 Ak1

#### Feeds and Feeding

17544 BRIGGS, H. M., and HELLER, V. G. Tolerance of lambs for blackstrap molasses. *J. Agr. Res.* 71: 81-87. July 15, 1945. 1 Ag84J

17545 FRASER, A. Water can save sheep medicine. *Farmer & Stock-Breeder* 59: 1168. July 24, 1945. 10 F228

17546 SHEEP and sugar beet. By Cobbett. *Farmer & Stock-Breeder* 59: 1283. Aug. 14, 1945. 10 F228

#### Veterinary Medicine

17547 ALLEN, G. H. A note on the relative toxicity of sodium trichlorophenate for sheep. *Austral. Vet. J.* 21: 38. Apr. 1945. 41.8 Au72

17548 ANGEL ROTTGARDT, A. Fotosensibilización. *La Plata. U. Nac. Facul. de Med. Vet. An.* 7(1): 49-124. 1944. 41.9 L312A

A general account, as well as a discussion of the disease in sheep and cattle, including a list of plants contributing to it.

17549 BREGANTE, L. J. Braquignatismo ovino. *Uruguay. U. Facul. de Vet. An.* 4: 397-401. Dec. 1944. 41.9 M764

17550 \*CARNEL, A. La temperatura normale della capra ed i suoi rapporti con la clinica. *Azione Vet.* 10: 92-95. Feb. 28, 1941. 41.8 Az3

17551 CLAUSS, H. M. Penicillin for pneumonia. *Amer. Dairy Goat News* 7(3): 9. Sept. 1945. 40.18 Am34

17552 COLE, H. H., HART, G. H., and MILLER, R. F. Studies on the hormonal control of estrous phenomena in the anestrus ewe. *Endocrinology* 36: 370-380. June 1945. 44.8 En2

17553 DARLAN, L. A. Ceguera de los corderos o "queratitis superficial traumatica." *Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad.* 1(8/9): 92. May/June 1945. 49 B86

17554 \*DOBIGNIES, A., and DOBIGNIES, J. Vers une politique du mouton. *Rev. des Agr. de France* 75: 121. Aug. 1943. 14 R325

Concerns internal parasites.

17555 GORDON, M. D. Poisoning in goats. *Field* 185: 370. Apr. 14, 1945. 10 F45

Due to poisonous plants.

17556 GRAYSON, A. R. Marking of lambs. *Victoria. Dept. Agr. J.* 43: 251-254. June 1945. 23 V66J

Limited to castration and docking.

17557 GUZMAN, L. G. La cría de caprinos. *Cam-po [Buenos Aires]* 29(344): 28. June 1945. 9 C15

Mainly about diseases.

17558 HALL, G. Cases of dystokia in goats. *Brit. Goat Soc. Monthly J.* 38: 37-39. July 1945. 40.19 B77M

17559 \*MEUCCI, C. Vaginalite tubercolare in ariete. *Azione Vet.* 11: 23. Jan. 30, 1942. 41.8 Az3

17560 MITTON, R. L. Internal parasites of sheep; common worm drenches (anthelmintics). *So. Austral. Dept. Agr. J.* 48: 417-421. (Concl.) May 1945. 23 So84

17561 MOULE, G. R. Salt poisoning of sheep following evaporation of saline waters. *Austral. Vet. J.* 21: 37. Apr. 1945. 41.8 Au72

17562 MUTH, O. H. Diseases of lambs encountered in Oregon. *M. S. C. Vet.* 5: 66-68, 84. Winter 1945. 41.8 M582

17563 \*NANDA, P. N., and SINGH, G. Tuberculosis amongst goats at the Government Cattle Farm, Hissar. *Indian J. Vet. Sci. and Anim. Husb.* 13: 70-74. Mar. 1943. 41.8 In22

17564 OTTAWAY, C. W., and ARNOLD, R. H. A case of intersexuality (hermaphroditism) in a horned goat. *Vet. J.* 101: 150-153. July 1945. 41.8 V643

17565 \*PANDE, P. G. Pleuropneumonia in goats with special reference to Pasteurella infection. *Indian J. Vet. Sci. and Anim. Husb.* 13: 44-58. Mar. 1943. 41.8 In22

17566 PAULSON, T. M., HILMOE, R. J., and MOXON, A. L. The carotene content of sheep blood. *S. Dak. Acad. Sci. Proc.* 24: 81-84. 1944. 500 So82

First author's name appears as T. M. Paulsen.

17567 PHILLIPS, R. W., FRAPS, R. M., and FRANK, A. H. Hormonal stimulation of estrus and ovulation in sheep and goats. (A review.) *Amer. J. Vet. Res.* 6: 165-179. July 1945. Ref. 41.8 Am3A

17568 \*ROMBOLI, B. Infiammazione interstiziale a piccoli focolai in reni di ovino (nefrite interstiziale non suppurativa). *Azione Vet.* 11: 195-199. Aug. 30, 1942. 41.8 Az3

17569 ROSENBERGER, A. C. Some sheep disease problems. Part II. Paraplegia and infectious necrotic hepatitis. *Allied Vet.* 16(4): 13-14. July/Aug. 1945. 41.8 AL5

17570 RYFF, J. F., and LEE, A. M. *Vibrio fetus* in sheep. *Amer. J. Vet. Res.* 6: 149-158. July 1945. 41.8 Am3A

17571 SALAZAR GERARD, R. Agalaxia contagiosa del ovino. *Chacra* 15(175): 14-15. May 1945. 9 C34

17572 SEGNETTI, L., and MARSH, H. Control of intestinal parasitism in lambs by winter treatment of ewes, as compared with the use of phenothiazine in salt in summer. *Amer. J. Vet. Res.* 6: 159-164. July 1945. 41.8 Am3A

17573 SELBIE, F. R. Properties and pathogenicity of a virus derived from sheep dermatitis. *Brit. J. Expt. Path.* 26: 89-97. Apr. 1945. 44.8 B772

Part of a thesis (Ph. D.) - University of London.

Transmission to rabbits.

17574 SOUTHCOTT, W. H. Congenital goitre in lambs in Tasmania. *Austral. Vet. J.* 21: 35-36. Apr. 1945. 41.8 Au72

17575 TURK, R. D. Trichostrongylosis of sheep and goats. *North Amer. Vet.* 26: 474-476. Aug. 1945. 41.8 M812

17576 \*VELAT, F. Le piéstin du mouton. *Rev. des Agr. de France* 74: 224-225. Dec. 1942. 14 R325

17577 WELCH, H. Facts on lupine sheep poisoning. *Mont. Farmer* 32(23): 16. Aug. 1, 1945. 6 M764

#### Miscellaneous

17578 ALEXANDER, M. A. Know what you are doing. *Midwest Wool Growers News* 14(3): 2, 9. Mar. 1945. 45.8 M58

Record keeping to aid in wool production.

17579 ALLRED, E. W. The origin of sheep. *Natl. Wool Grower* 35(8): 18-19, 43-46. (To be cont.) Aug. 1945. 45.8 N21N



- 17580 \*BLIN, H. Les conditions rationnelles de la production ovine; création et exploitation d'un troupeau. Rev. des Agr. de France 73: 65-70. Mar. 1941. 14 R325
- 17581 C., E. W. Sheep raising specialised industry; success depends on fitting the type to the district [in Australia]. Farmer and Settler 40(19): 7. June 8, 1945. 23 F226
- 17582 \*CHARON, A. J. Brebis laitières d'Italie. Rev. des Agr. de France 74: 209-210. Nov. 1942. 14 R325
- 17583 \*DILWALI, C. K. Analysis of weight records of Etah goats. Indian J. Vet. Sci. and Anim. Husband. 13: 115-120. June 1943. 41.8 In22  
Includes information on statistical methods.
- 17584 FENLEY, F. Sheep camps and old-time Mexican herders. Sheep and Goat Raiser 25(11): 8, 10-12. Aug. 1945. 45.8 Sh3
- 17585 GILLESPIE, I. F. Small grains and late lambs. Farmers Guide 101(16): 27. Aug. 15, 1945. 6 In2  
Care of lambs and pasture management.
- 17586 GRAZIERS' ASSOCIATION OF NEW SOUTH WALES. The graziers' annual. 1945 ed., 256 p. Sydney. 45.9 G79  
Material of interest to sheep raisers.
- 17587 HUTCHINSON, J. A century of stock improvement; the story of the Coxon's [sheep and swine]. Farmers Weekly [London] 23(3): 26-27. July 20, 1945. 10 F2226
- 17588 LACEY, J. J. No short cut with sheep. Sheepman 16: 119. Aug. 1945. 45.8 Sh32  
Care.
- 17589 MORENO, J. J. Clasificación de majadas. Campo [Buenos Aires] 29(344): 38. June 1945. 9 C15  
Description of a method for culling.
- 17590 PHILLIPS, R. W., and STOEHR, J. A. The accuracy of measurements and weights of sheep. Amer. Soc. Anim. Prod. J. Anim. Sci. 4: 311-316. Aug. 1945. 49 J82
- 17591 POZZI, C. M. Escuela Zootécnica de Ovicultura de Patagones (F. C. S.): su creación. Buenos Aires (Prov.) Dir. de Ganad. B. de Ganad. 1(8/9): 111-113. May/June 1945. 49 B86
- 17592 PUEYREDON, E. S. Clasificación de majadas. Buenos Aires (Prov.) Dir. de Ganad. B. de Ganad. 1(4/5): 45-47. Jan./Feb. 1945. 49 B86  
Description of a method for culling.
- 17593 ROBERTS, H. G. Records make the herd, or else. Dairy Goat J. 23(6): 6. Aug. 1945. 40.18 M592
- 17594 ROBINSON, W. A. Care of the lambing flock. So. Austral. Dept. Agr. J. 48: 425-426. May 1945. 23 So84
- 17595 TURNER, C. W. A cause of the summer slump in milk and fat production. Dairy Goat J. 23(6): 1, 27. Aug. 1945. 40.18 M592
- 17596 WENTWORTH, E. N. Factors influencing sheep production in Oklahoma. Sheep and Goat Raiser 25(11): 20-21. Aug. 1945. 45.8 Sh3
- 17597 WILLARD, J. Montana -- sheep country. Natl. Wool Grower 35(8): 16-17, 41-42. Aug. 1945. 45.8 N21N
- 17602 DE VORE, F. Some highlights in Duroc history. Hog Breeder 20(8): 23-24, 26. Aug. 1945. 46.8 H672
- 17603 ELIJAH, H. D. The value of a purebred Hampshire boar. Amer. Hampshire Herdsman 20(8): 86. Aug. 1945. 46.8 Am33
- 17604 HANSON, L. S. Practical basis for hog type developments. Amer. Hampshire Herdsman 20(8): 104-105, 143-144, 150-151. Aug. 1945. 46.8 Am33
- 17605 HARMON, G. E. Experimental swine breeding at Blakeford Farms, Inc. Hog Breeder 20(8): 10. Aug. 1945. 46.8 H672
- 17606 HENDERSON, B. 1945 today's Hampshire sires; bloodline biographies - alphabetical index. Amer. Hampshire Herdsman 20(8): 40-46, 180-201. Aug. 1945. 46.8 Am33  
Advertising interspersed, p. 180-201.
- 17607 HENDERSON, B. Rating by families of registry of merit Hampshires. Amer. Hampshire Herdsman 20(8): 70, 77-78, 80. Aug. 1945. 46.8 Am33
- 17608 HINSHAW, K. A hog for the one-sow farmer. Breeder's Gaz. 110(8): 6. Sept. 1945. 49 B74  
Yorkshires.
- 17609 HOLBERT, J. C. Practical hog raising. Hog Breeder 20(8): 8-9. Aug. 1945. 46.8 H672  
Breeding.
- 17610 HOLLSTEIN, D. Lots of angles to this better sires proposition. Amer. Hampshire Herdsman 20(8): 29, 63, 69. Aug. 1945. 46.8 Am33
- 17611 HUGHES, E. H. Value of purebreds. Hog Breeder 20(8): 48. Aug. 1945. 46.8 H672
- 17612 PEMBERTON, R. L. Why the extreme changes in hog type over the past 35 years? Amer. Hampshire Herdsman 20(8): 54, 94. Aug. 1945. 46.8 Am33
- 17613 RINEHART, C. Bring on the "E" award for this one--25 spring pigs from one Duroc sow. Duroc News 19(8): 31, 54. Aug. 1945. 46.8 N212
- 17614 ROBERTS, E. Occurrence of red-eye in swine. J. Hered. 36: 207-208. July 1945. 44.2.8 Am3
- 17615 STEWART, H. A. An appraisal of factors affecting prolificacy in swine. Amer. Soc. Anim. Prod. J. Anim. Sci. 4: 250-260. Aug. 1945. 49 J82
- Feeds and Feeding
- 17616 BEDENBAUGH, P. G. Mississippi oats, barley, plus corn for fattening pigs. Miss. Farm Res. [Miss. Sta.] 8(7): 2. July 1945. 100 M69M1
- 17617 BEESON, W. M., and HICKMAN, C. W. Add meat meal to peas for hogs. Idaho Farmer 63: 440. Aug. 16, 1945. 6 G282
- 17618 \*BOEGER, Verstäärkte schweinernast schont den milchviehbestand. Landesbauernschaft Moselland. Wchnbl., No. 37, p. 475, 479. Sept. 11, 1943. 18 L2328
- 17619 BOHSTEDT, G. New facts on feeding. Hog Breeder 20(8): 75. Aug. 1945. 46.8 H672
- 17620 \*CHARON, A. J. Luzerne dans la ration des porcs. Rev. des Agr. de France 74: 167-168. Aug. 1942. 14 R325
- 17621 CUNHA, T. J., and ENSMINGER, M. E. The creep; selective feeding of pigs assures more rapid gains. West. Livestock J. 23(49): 98-99. Aug. 15, 1945. 6 F2278
- 17622 \*FIETKAU, F. Die aufzucht gesunder und kräftiger ferkel. Landesbauernschaft Moselland. Wchnbl., No. 54, p. 441. Aug. 21, 1943. 18 L2328  
Mainly on feeding.
- 17623 HALE, F. Protein requirements for swine. Chester White J. 35(8): 17-18. Aug. 1945. 46.8 W582
- 17624 \*KIRSCH, W. Futterrüben und zuckerrüben in der schweinernast. Landesbauernschaft Moselland. Wchnbl., No. 15, p. 240. Apr. 10, 1943. 18 L2328
- 17625 LACEY, J. J. Self-feeding sows on pasture. Hoard's Dairyman 90: 455. Aug. 25, 1945. 44.8 H65

## SWINE

### Breeds and Breeding

- 17598 BARTILSON, T. H. Swine breeding stock. Pa. Farmer 133: 74. Aug. 11, 1945. 6 P383
- 17599 COFFEY, J. S. Berkshire objectives. Berkshire News 10(10): 4, 49. Aug. 1945. 46.8 B454
- 17600 COFFEY, J. S. Promotion in the Hampshire breed. Amer. Hampshire Herdsman 20(8): 123, 160. Aug. 1945. 46.8 Am33
- 17601 CULVER, V. You can get both type and production. Amer. Hampshire Herdsman 20(8): 146-147. Aug. 1945. 46.8 Am33



17626 \*LEROY, A. M., and ARCHAMBAUD, J. Utilisation du son et de la luzerne éclatés pour l'alimentation de porcs. Acad. d'Agr. de France. Compt. Rend. 27: 1093-1098. Nov. 26/Dec. 3, 1941. 14 P215Bc

17627 \*NORDFELDT, S. Bete och grönfoder i svin-skötsel. Pasture and green fodder in swine care. Lantmannen 29: 459-461. May 19, 1945. 11 L234

17628 PIFER, R. W. Winter pasture aids in swine production. Ky. Farmer's Home J. 81(9): 13-14. Sept. 1945. 6 F2237

17629 \*ROLLE, M. C-vitamin-bedarf bei schweinen mit besonderer berücksichtigung der ferkelkrankheiten. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 349-352. Sept. 9, 1944. 41.8 D482

17630 SYNOLD, R. E. Distillers' feed products in rations for growing pigs. Amer. Soc. Anim. Prod. J. Anim. Sci. 4: 237-246. Aug. 1945. 49 J82

17631 TOMHAVE, A. E., and HOFFMANN, E. Incubated eggs and dead poultry as hog feed. Amer. Soc. Anim. Prod. J. Anim. Sci. 4: 247-249. Aug. 1945. 49 J82

17632 \*UDOL'SKIY, D. Vliyanie mela i zoly polevoi i drevesnoi rastitel'nosti na perevarimost' razliona i mineral'nykh obmen u molodniaka svinei (The effect of chalk of the ash of herbaceous and woody plants on the digestion and the mineral metabolism in piglets). Vsesoyuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 10(1/2): 21-27. 1945. 20 Akl

#### Veterinary Medicine

17633 \*BORNHAUSER, H. Zitzenverletzungen durch rattenbisse beim mutterschwein. Schweiz. Arch. f. Tierheilk. 87: 282-284. July 1945. 41.8 Sch9

17634 D'APICE, M. O combate ás verminoses dos suínos pelo sistema Mac Lean. Rev. dos Criadores 16(6): 20-22. June 1945. 43.8 R32

17635 DÍAZ, F. A. Peste porcina sintomas y lesiones. Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1(8/9): 64-67. May/June 1945. 49 B86

17636 ENZIE, F. D., HABERMANN, R. T., and FOSTER, A. O. A comparison of oil of chemopodium, phenothiazine, and sodium fluoride as anthelmintics for swine. Amer. Vet. Med. Assoc. J. 107: 57-66. Aug. 1945. 41.8 Am3

17637 HABERMANN, R. T., ENZIE, F. D., and FOSTER, A. O. Tests with fluorides, especially sodium fluoride, as anthelmintics for swine. Amer. J. Vet. Res. 6: 131-144. July 1945. 41.8 Am3A

17638 \*KÖBE, K. Experimentelle untersuchungen über den impfotlauf beim schwein. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 318-322. Aug. 26, 1944. 41.8 D482

17639 LEIGHTON, M. L. Swine health means more pork. Dairymen's League News 29(17): 16. Aug. 14, 1945. 44.8 DL432

17640 \*LENTZ, R. W. Der plötzliche herztod der schweine. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 345-349. Sept. 9, 1944. 41.8 D482

17641 MERENS MONTES, R. Algunas enfermedades del ganado porcino - colera porcino. Vida Rural 6 (71): 26. June 1945. 9.4 V66

17642 MOLINA, A. S. La peste porcina. Campo [Buenos Aires] 29(344): 12, 29. June 1945. 9 C15

17643 O'BRIEN, W. S. Hog cholera and its control. Allied Vet. 16(4): 15. July/Aug. 1945. 41.8 AL5

Article originally appeared in the "Manchester, Iowa Democrat Radio."

17644 \*PATRIZI, F. Rilievi statistici anatomici e patogenetici sulla tubercolosi suina. Azione Vet. 10: 302-310. Aug. 15/30, 1941. 41.8 Az3

17645 TISCHHAUSER, L. A. Snipestifer infections should not be overlooked. North Amer. Vet. 26: 524, 526. Sept. 1945. 41.8 N812

17646 WOOD, F. W., CASSELBERRY, N. H., and WALKER, W. W. Results of experiments to determine duration of immunity against hog cholera induced by BTV (Boyn-ton's tissue vaccine). North Amer. Vet. 26: 532-534. Sept. 1945. 41.8 N812

17647 ZAVORAL, H. G. Cooperative disease control program (in Minnesota). Hog Breeder 20(8): 102-103. Aug. 1945. 46.8 H672

Plan to control tuberculosis in swine and poultry.

#### Miscellaneous

17648 BEE, U. G. Pigs for pork and profit. South. Planter 106(8): 12, 31. Aug. 1945. 6 So89 Care.

17649 \*BELOTTI, E. L'aiuto annuario della suinicoltura familiare. Azione Vet. 10: 338-339. Sept. 30, 1941. 41.8 Az3

Italy.

17650 \*BOEGER, Mehr gebrauchszuchten für schweine. Landesbauernschaft Moselland. Wchnbl., No. 37, p. 475. Sept. 11, 1943. 18 L2328

17651 DAVIDSON, H. 38 tons of pork produced by 35 sows in 183 days. Hog Breeder 20(8): 5. Aug. 1945. 46.8 H672

Description of a farm.

17652 DOWNEY, L. A. Weight for age baconers. Victoria. Dept. Agr. J. 43: 249. June 1945. 23 V66J

Value of records.

17653 FERRIN, E. F. Lard yield of hogs may affect postwar market. Chester White J. 35(8): 3-4, 8. Aug. 1945. 46.8 W582

Also discusses type.

17654 \*H. Welches gewicht wird bei hausschlachtungen von schweinen in anrechnung gebracht. Landesbauernschaft Moselland. Wchnbl., No. 5, p. 80. Jan. 30, 1943. 18 L2328

17655 \*HARING, Muttersauen frühzeitiger belegen lassen! Landesbauernschaft Moselland. Wchnbl., No. 37, p. 481. Sept. 11, 1943. 18 L2328

17656 \*HARING, Eine wanderlehrschau "mehr schweine!" Landesbauernschaft Moselland. Wchnbl., No. 21, p. 312. May 22, 1943. 18 L2328

17657 HECK, M. C. Swine field days in Arkansas. Duroc News 19(8): 44-45. Aug. 1945. 46.8 N212

Article unfinished.

17658 \*FERGOLA, V. Suinicoltura da capanna e da porcile. Azione Vet. 10: 225-226. June 30, 1941. 41.8 Az3

17659 \*FESCE, F. A. L'allevamento dei suini e la produzione dei grassi. Azione Vet. 10: 420-421. Nov. 30, 1941. 41.8 Az3

In Italy.

17660 FLAHER, W. L. A pedigree and its value. Berkshire News 10(10): 36-37. Aug. 1945. 46.8 B454

17661 SOUTH, F. A. Pig suckling period determines profits. Hog Breeder 20(8): 36, 42. Aug. 1945. 46.8 H672

Description of a farm.

#### ENTOMOLOGY

##### GENERAL

17662 \*AYYAR, T. V. R. Economic entomologists and scientific names of insects. Madras Agr. J. 31: 14-17. Jan. 1943. 22 M262

17663 BUZZARD, C. N. Scent in insects. Country Life [London] 98(2530): 65. July 13, 1945. 80 C83

Honeybees and other insects.

17664 \*CASPERS, H. VII. Die landfauna der Insel Helgoland. Zoogeographica 4: 127-186. Apr. 1942. Ref. 410 Z725

Includes Isopoda, Chilopoda, Diplopoda, and Insecta.



17665 CERQUEIRA, N. L. Um novo meio para montagem de pequenos insetos em lâminas. Inst. Oswaldo Cruz Mem. 39: 37-41. Aug. 1943. 448.9 In74  
English summary.

17666 D., J. Coleta de artrópodos. Caça e Pesca 5(48): 44-47. May 1945. 410 C11

17667 EDDY, B. People are curious about insects; in bottles and vials and pill bottles, by mail and by telephone, "bugs" and inquiries about them have been pouring in to the Society's new Department of Insects. N. Y. Zool. Soc. B. 48: 113-115. July/Aug. 1945. 410.9 N483B

17668 GRENSTED, L. W. Pleuron, pleura, and pleurite. Ent. Monthly Mag. 81: 162-163. July 1945. 421 En86

17669 HEMMING, F. The international code of zoological nomenclature. Ann. Appl. Biol. 32: 187-188. May 1945. 442.8 An72

17670 KRAUSS, N. L. H. Notes on some Hawaiian insects. Hawaiian Ent. Soc. Proc. (1944) 12: 309-317. 1945. 420 H312

17671 \*LAFON, M. Recherches biochimiques et physiologiques sur le squelette tégumentaire des arthropodes. Ann. des Sci. Nat. Zool. et Biol. Anim. (ser. 11) 5: 113-146. 1943. Ref. 410 An7

17672 \*NINNI, E. La vita degli animal al Lido di Venezia. B. di Pesca, di Piscicoltura e di Idrobiol. 17: 527-559. Oct./Dec. 1941. 414.8 B63  
Discusses fauna, including insects, of this region.

17673 REYNOLDS, R. C. El mundo de los insectos. Panama. Min. de Agr. y Com. Rev. de Agr. y Com. 4 (45): 22-23. May 1945. 8 R3291

17674 RICHARDS, O. W. Systematic zoology. Roy. Col. Sci., London. Sci. J. 14: 79-86. 1944. 501 L8484

Refers mainly to insects.

17675 ROEBUCK, A. How shall we name insects? Ann. Appl. Biol. 32: 185-186. May 1945. 442.8 An72

17676 SMITH, H. M. Categories of species names in zoology. Science 102: 185-189. Aug. 24, 1945. 470 Sci2

17677 TOWNSEND, C. C. The coleopterous and heteropterous fauna of a dry carbon tip. Ent. Monthly Mag. 81: 166-168. July 1945. 421 En86

17678 WEISS, H. B. How long do entomologists live? Ent. News 56: 189-190. July 1945. 421 En88

17679 WELLINGTON, W. G. Conditions governing the distribution of insects in the free atmosphere. Part IV. Distributive processes of economic significance. Canad. Ent. 77: 69-74. (Concl.) Apr. 1945. Ref. 421 C16

#### GENERAL - ECONOMIC

17680 AGUIRRE VOGT, L. Manera facil de combatir las pulgas y los piojos. Fauna [Valparaíso, 1(1): 14, 23. Sept./Oct. 1944. 410 F273

17681 ALVARENGA, L. Tumor esponjoso del pepeto peludo. Café de El Salvador 14: 420-421. Mar. 1944. 65.28 C112

Injury to Inga by an insect.

17682 AMIGOS y enemigos; la mosca de la abeja domestica Melaloncha ronnai; el "bicho moro" Epicauta adspersa. Chacra 15(175): 84. May 1945. 9 C34

17683 \*ATTYAR, T. V. R. Insect enemies of the cashewnut plant (Anacardium occidentale) in south India. Madras Agr. J. 30: 223-226. July 1942. 22 M262

17684 BAILEY, R. Dusting against time. Home Gard. 6(2): 55. Aug. 1945. 80 H756

Efficiency of dust gun against garden pests.

17685 BAUER, A. H., and MENUSAN, H. J., JR. Disease and insect control of fruit trees. Natl. Shade Tree Conf. Proc. (1944) 20: 131-135. 99.9 N218

Discussion, p. 136-137.

17686 \*BÉGUÉ, H. Le dosage de la nicotine en présence de pyridine. Ann. Agron. [Paris, (n. s.) 10: 409-413. July/Sept. 1940. 14 An75A

17687 BLANCHARD, E. E. Insectos y nematodos relacionados con el cultivo del tabaco. Argentina. Inst. de Sanid. Veg. [P.], Ser. A, v. 1, No. 6, 23 p. 1945. 464.9 Ar323

17688 BOURNE, L. B. Hexachlorocyclohexane as an insecticide. Nature [London, 156: 85. July 21, 1945. 472 N21

Available in France for several years under trade name of Aphiria.

17689 BROMLEY, S. W. Control of borers in shade and ornamental trees. Natl. Shade Tree Conf. Proc. (1944) 20: 105-111. 99.9 N218

Discussion, p. 111-114.

17690 BRUNER, S. C., and VALDÉS BARRY, F. Reseña de los insectos y enfermedades que atacan a las papas en Cuba. Cuba. Min. de Agr. Rev. 28(2): 67-70. May/June 1945. 8 Ag88Re

17691 \*CHERIAN, M. C. Our present position with regard to the control of fruit pests. Madras Agr. J. 30: 14-17. Jan. 1942. 22 M262

17692 \*CHERIAN, M. C., and RAMACHANDRAN, S. Thevetia nerifolia Juss. - a new indigenous vegetable insecticide. Madras Agr. J. 30: 260-264. Aug. 1942. 22 M262

17693 \*CHIAROMONTE, A. Uno studio sugli insetti dannosi alle coltivazioni italiane di cotone. Agr. Colon. 36: 331-337. Dec. 1942. 26 Ag82

17694 COLLIS, J. S. Spraying operations. Field 185: 569. June 9, 1945. 10 F45  
Observations on a fruit farm.

17695 CRISTOL, S. J., HAYES, R. A., and HALLER, H. L. Determination of 1-trichloro-2,2-bis(p-chlorophenyl)ethane in technical DDT. Indus. and Engin. Chem., Analyt. Ed. 17: 470-472. Aug. 1945. Ref. 381 J825A

17696 ERICKSON, T. Defendamos los aliados del agricultor. Vinos, Viñas y Frutas 40: 420. June 1945. 9 Ag89

Protect birds, frogs, and other insect predators.

17697 EVANS, J. W. Applied biology in Tasmania. (Abs.) Ann. Appl. Biol. 32: 179-180. May 1945. 442.8 An72

Reviews status of major insect pests.

17698 FAXON, R. Some phases of Federal plant quarantine work in Hawaii. Hawaiian Ent. Soc. Proc. (1944) 12: 291-300. 1945. 420 H312

17699 FENTON, F. A. DDT will aid southwestern farmers. Farmer-Stockman 58: 286. Aug. 1945. 6 Ok45

17700 GAYFORD, G. W. Attack fruit tree pests in winter. Victoria. Dept. Agr. J. 43: 259-260. June 1945. 23 V66J

17701 GEMIGNANI, E. M. Amigos y enemigos. Chacra 15(178): 84-85. Aug. 1945. 9 C34

17702 GREAVES, T. Experiments on the control of cabbage pests in north Queensland. Austral. Council Sci. and Indus. Res. J. 18: 110-120. May 1945. 514 Au72J

17703 GREW, E. S. En busca de un veneno. Costa Rica. Inst. de Defensa del Café. Rev. 15: 235-237. Apr./May 1945. 68.28 C82

Special reference to Gammexane (1,2,3,4,5,6 Hexachlorocyclohexane).

17704 \*HÄFLIGER, E. Die anwendungsmöglichkeiten des gesarols und verwandter produkte. Schweiz. Landw. Z. Die Grüne 72: 869-891. Aug. 11, 1944. 17 Sch9

17705 HITCHNER, L. S. Insecticides for the post-war period. Natl. Shade Tree Conf. Proc. (1944) 20: 88-90. 99.9 N218

17706 HOLDAWAY, F. G. Research on DDT for the control of agricultural insects in Hawaii. Hawaiian Ent. Soc. Proc. (1944) 12: 301-308. 1945. 420 H312



- 17707 HOWLAND, J. E. Sodium selenate -- A new type of insecticide. *Canad. Florist* 40: 273-274. Aug. 20, 1945. 80 C163  
Same title appears in *South. Flor. & Nurseryman* 58(21): 5-6. Aug. 17, 1945. 80 So86  
Absorbed by plant.
- 17708 INSECT enemies; they cost the U. S. 3 billion dollars annually; they cover the earth. *Life* 19(9): 59-64. Aug. 27, 1945. 280.8 L62  
Illustrations, part in color, with accompanying text.
- 17709 \*JANNONE, G. Principali cause di natura animale riscontrate dannose all'agricoltura dell'Africa Orientale Italiana durante il 1939. *Agr. Colon.* 34: 177-185, 241-253, 287-298. (Concl.) May-July 1940. 26 Ag82
- 17710 JOGLAR-RODRIGUEZ, F. Insectos que más atacan al maíz. *Rev. de Agr., Indus. y Com. de Puerto Rico* 35: 186-189. May/Dec. 1944. 8 R325
- 17711 K., W. H. New bug slayer for the farm; DDT now serves on the battlefronts but will serve farmers after the war. *Farmer* [St. Paul, Dak. Ed. 63(4): 1, 16-17. Feb. 17, 1945. 6 F2211D
- 17712 KENNAN, D. P. Big fleas and little fleas. *Farmers Weekly* [London, 23(5): 30. Aug. 3, 1945. 10 F2221
- Biological control of insects.
- 17713 \*KOCH, D. E. V. Chemical notes No. 18 pyrethrum. *Trop. Agr.* [Ceylon, 100: 171-173. July/Sept. 1944. 26 T751  
Use of pyrethrins in sprays.
- 17714 LEFFINGWELL, G., and LESSER, M. Soap in insecticides. *Pests* 13(8): 10, 12, 14. Aug. 1945. Ref. 449.8 Ex8
- 17715 LEPAGE, H. S., and GIANNOTTI, O. Progressos no campo dos inseticidas e fungicidas. *Biológico* 9: 101-106. Apr. 1945. Ref. 442.8 B529
- 17716 LEPIGRE, A. L. Note sur le nouvel insecticide dit: D.D.T. Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 119. June 1945. 80 F9482
- 17717 LOPTHUS, O. M. The prospect before us. *S. Dak. Acad. Sci. Proc.* (1944) 24: 14-20. 500 So82  
Discusses insect vectors of tropical diseases.
- 17718 M., J. Notwendigkeit und bedeutung der schädlingbekämpfung. *Schweiz. Gart. No. 9*, p. 271-272. Sept. 20, 1944. 80 Sch93
- 17719 MCCRORY, S. A. Investigation of the insecticidal value of an extract from *Amorpha fruticosa*. *S. Dak. Acad. Sci. Proc.* (1944) 24: 90-97. 500 So82
- 17720 \*MARILLI, O. La disinfezione dei semi di cotone per mezzo del calore. *Agr. Colon.* 37: 12-23. Jan. 1943. Ref. 26 Ag82
- 17721 \*MARTELLI, G. M. Principali parassiti animali delle piante agrarie e dei prodotti alimentari nella Libia Occidentale. *Agr. Colon.* 35: 383-390. Oct. 1941. 26 Ag82
- 17722 MENUSAN, H., JR. Airplane dusting for insect control. *Natl. Shade Tree Conf. Proc.* (1944) 20: 161-165. Ref. 99.9 N218  
Discussion, p. 165-169.
- 17723 MILLER, L. W. Winter control measures for orchard insects. *Tasmanian J. Agr.* 16: 61-63, 80. May 1, 1945. 23 T182T
- 17724 NEW INSECTICIDE laboratory for Hercules Powder Company; a camera trip through the Hercules Insecticide Testing Laboratory at Brunswick, Ga. *Soap and Sanit. Chem.* 21(8): 114-115. Aug. 1945. 307.8 Sol2
- 17725 NEW SOUTH WALES. DEPT. OF AGRICULTURE. ENTOMOLOGICAL BRANCH. Insect pests. *Agr. Gaz. N. S. Wales* 56: 255-258, 259. June 1, 1945. 23 N472  
Contents: Green peach aphids (*Myzus persicae*) and cherry aphids (*Myzus cerasi*), p. 255-256; The citrus gall wasp (*Eurytoma fellis*), p. 256-257; Two orchard butterflies (*Papilio* spp.) (*Papilionidae*), p. 257-258, 259.
- 17726 OTALORA, A. Insectos dañinos e insectos benéficos. *Vida Rural* 6(70): 28. May 1945. 9.4 V66
- 17727 PARKER, H. L. Lucha contra insectos en los Estados Unidos, especialmente con referencia a los agentes biológicos. *Uruguay. U. Facul. de Agron. Rev.*, No. 38, p. 17-107. Nov. 1944. 102.5 M76R
- 17728 \*PAVLOVSKIY, E. N. Prirodnaia ochagovost' i poniatie o landshaftnoi epidemiologii transmissivnykh boleznei cheloveka [Natural endemicity and regional epidemiology of human transmissible diseases]. *Med. Parazitol. i Parazit. Bolezni* 13(6): 29-38. 1944. 448.8 M469  
Tick- and insect-borne diseases.
- 17729 PETERSON, W. F. Simple methods check poultry pests. *Wash. Farmer* 70: 428. Aug. 16, 1945. 6 R151
- 17730 POWNING, R. F. The analysis of D.D.T. and pyrethrins in kerosene-based sprays. *Austral. Council Sci. and Indus. Res. J.* 18: 121-123. May 1945. 514 Au72J
- 17731 BODDA, J. Insecticide outlook; discussed in the light of war-time developments and the raw material situation. *Soap and Sanit. Chem.* 21(8): 112-113, 121. Aug. 1945. 307.8 Sol2
- 17732 \*ROGALEV, G. T. Udlinénnyi rukav dlja gazokamery [A lengthened sleeve for the gas chamber]. *Veterinariia* 21(2/3): 46. Feb./Mar. 1944. 41.8 V6426  
Describes hood for use in fumigating horses.
- 17733 ROSS, W. A. Some limitations of the new insecticide DDT. *Pests* 13(8): 6, 8, 10. Aug. 1945. 449.8 Ex8
- 17734 ROSSANO, A. T., JR. Handle insecticides with care. *West. Farm Life* 47(12): 6. July 15, 1945. 6 R153
- 17735 RUMREICH, A. S., and WYNN, R. S. A study of the rodent-ectoparasite population of Jacksonville Fla. *Pub. Health Rpts.* 60: 885-905. Aug. 3, 1945. Ref. 151.65 P96  
Acarina, Anoplura, Siphonaptera.
- 17736 S., B. N. Metodos de controle das pragas de plantas. *Campo* [Rio de Janeiro, 16(184): 7. Apr. 1945. 9.2 C15
- 17737 SEIXAS, C. A. DE. Aspectos de defesa agricola em face da guerra. *Biológico* 11: 154-158. June 1945. 442.8 B529  
Insecticide shortages compelled the Biological Institute to organize sale centers throughout the state of São Paulo.
- 17738 SCHWARDT, H. H., and MATTHYSSE, J. G. La garrapata y piojos del lanar; los baños de inmersión con rotenona o fenotioxina proporcionan una solución eficaz. *Materiales sustitutos sugeridos. Hacienda* 40: 346-347. July 1945. 6 H11
- 17739 SOLIS FIGUEROA, A. Insectos de la caña de azúcar. *B. de Inform. Agr. del Gobierno Prov. de Las Villas* 17(128): 33, 35. Apr./June 1945. 8 Sa53
- 17740 SQUIBB, R. L. Studies on the control of the nuche fly (*Dermatobia hominis*) and cattle tick (*Boophilus annulatus microplus*). *Amer. Soc. Anim. Prod. J. Anim. Sci.* 4: 291-296. Aug. 1945. 49 J82
- 17741 SWEZEY, O. H. Insects associated with orchids. *Hawaiian Ent. Soc. Proc.* (1944) 12: 343-403. 1945. Ref. 420 H312
- 17742 TAUBER, O. E. Sizing up DDT; an effective killer of some insects, but its exact place has not been determined. *Farm Sci. Rptr.* 6(3): 11-13. July 1945. 275.28 F22
- 17743 THOMAS, F. L. Cotton insect situation in Texas. *Acco Press* 23(7): 13. July 1945. 6 Ac2
- 17744 THOMSEN, E. G. Cosmetics as insect repellents. *Drug and Cosmetic Indus.* 57: 46-47, 122. July 1945. 396.8 D842



17745 TORRES DE MELLO, A. Guerra aos insetos. Campo Rio de Janeiro, 16(183): 5. Mar. 1945. 9.2 C15

17746 TRUJILLO PELUFFO, A. Insectos que atacan los cultivos de zapallos, melones y berenjenas. Diario Rural, Aor. 12, 1944, p. 10. 9.9 D54

17747 TWINN, C. R. Use of DDT in practical experiments and demonstrations. Canada. Dept. Agr. Sci. Serv. Div. Ent. Processed P., No. 25, 8 p. Ottawa, 1945. 423.92 C16P

17748 WATSON, J. R. Watch citrus for summer insects. Fla. Grower 53(8): 14. Aug. 1945. 80 F6622

17749 WILLIAMS, C. B. Applied entomology in South America. (Abs.) Ann. Appl. Biol. 32: 180. May 1945. 442.8 An72

17750 WILSON, F. The control of insect pests in Victorian bulk-wheat depots. Austral. Council Sci. and Indus. Res. J. 18: 103-109. May 1945. 514 Au72J

#### APICULTURE AND APIS MELLIFERA

17751 ALLEN, W. R. Pollen starvation. Brit. Bee J. 73: 74-75. Mar. 15, 1945. 424.8 B77  
M. H. Haydak's formulas for pollen substitutes.

17752 ANKENMAN, E. C. Queen mating boxes on the ground more satisfactory. Gleanings Bee Cult. 73: 375. Sept. 1945. 424.8 G47

17753 ATCHESON, D. W., and EDMANDES, D. T. Blood levels and urinary excretion in peanut oil, beeswax and penicillin mixture. Science 102: 199-200. Aug. 24, 1945. 470 Sci2

17754 "A BABY that ought to be shared." By Gubeshe. Farmer [Pietermaritzburg] 34(26): 14. June 29, 1945. 24 F227

Urges that beekeepers publish their observations.

17755 BALDWIN, L. Beekeeping. Occup. Abs. 79, 6 p. N. Y., Occupational Index, Inc., 1945. 424 B192

17756 BEE-KEEPING for the beginner. By Gubeshe. Farmer [Pietermaritzburg] 34(25): 7. June 22, 1945. 24 F227

17757 BEES flout borough by-laws. By Gubeshe. Farmer [Pietermaritzburg] 34(27): 10. July 6, 1945. 24 F227

Swarms have become established in certain municipalities where the keeping of honeybees are prohibited.

17758 \*BENÍTEZ MOREIRA, A. Un enemigo de las colmenas: La mariposa de la calavera [Acherontia atropos]. Surco [Madrid] 4(38): 2-4. Apr. 1945. 15 Su7

17759 BERGMANN, S. T. Mating of queen and drone. West. Canada Beekeeper 8(7): 6. July 1945. 424.8 W525

17760 BESSONET, E. C. The production of queen bees; grafting queen cells; stocking nuclei. Amer. Bee J. 85: 324-325. (Cont.) Sept. 1945. 424.8 Am3

17761 BOND, R. M. A palm log apiary in the West Indies. Amer. Bee J. 85: 312. Sept. 1945. 424.8 Am3

17762 BRAUN, E. Heavy feeding necessary because of unseasonable weather. West. Canada Beekeeper 8(8): 8. Aug. 1945. 424.8 W525

17763 BRIER, J. H. When will the nectar flow begin? Bee Craft 27: 63-64. Aug. 1945. 424.8 B3925

Includes flowering dates of principal honey plants.

17764 CABO DE VILA PARODI, L. La abeja obrera; sus organos de trabajo. Mundo Avic. 8(88): 42, 44-45. June 1945. 47.8 M92

17765 CAREY, R. L. Bee venom and rheumatism. Beekeepers Item 29: 269. Aug. 1945. 424.8 B397

17766 DICKS, W. J. H. Bees and blossoms. West. Canada Beekeeper 8(7): 3. July 1945. 424.8 W525

Competition of plants for honeybee visitation.

17767 EIRE. DEPT. OF AGRICULTURE. Hints on bee-keeping. Eire. Dept. Agr. Leaflet 34, 20 p. Dublin, 1944. 10.5 Ir42

17768 FARIAS ALEM, R. Fomento de la apicultura; nociones generales. Aberdeen Angus [Buenos Aires], No. 27, p. 96. 1945. 43.8 Ab33

17769 FARRAR, C. L. Food reserves for bees. Amer. Bee J. 85: 313-315, 323. Sept. 1945. 424.8 Am3

17770 FECUNDATION de la reina. Mundo Avic. 8 (89): 28, 58. July 1945. 47.8 M92

17771 FINLAY, W. A. A top entrance for protected hives. Amer. Bee J. 85: 319. Sept. 1945. 424.8 Am3

Hive used by British Columbia beekeepers to winter bees.

17772 FRASER, H. M. Mars or Venus? Bee World 26: 60. Aug. 1945. 424.8 B399

Reprinted from the University of Ceylon Review.

Comments on an essay by A. C. Seneviratne on Vergil's Fourth Georgic from the standpoint of the beekeeper.

17773 GADGE, S. W. Locating the queen bee. Scot. Beekeeper 21: 103. Aug. 1945. 424.8 Sco8  
Device for locating the queen.

17774 GAMBLE, R. Appliances are hard to replace; hence the need to take extra care of those you have. Smallholder 73(1847): 18. Aug. 10, 1945. 10 Sml

17775 GAMBLE, R. Taking the hives to the heather. Smallholder 73(1843): 18. July 13, 1945. 10 Sml

17776 GAY, L. N. The nonantigenic property of beeswax. J. Allergy 16: 192-195. July 1945. Ref. 448.8 J8236

17777 GONZZIN, C. Planting bee pasture by plane. Beekeepers Item 29: 277. Aug. 1945. 424.8 B397

17778 GOODACRE, W. A. Bees as "cave dwellers;" an unusual site selected by a swarm. Agr. Gaz. N. S. Wales 56: 272. June 1, 1945. 23 N472

17779 GRIERSON, P. S. Which way progress? Beekeepers Item 29: 268. Aug. 1945. 424.8 B397  
Moisture-laden hives vs. American foulbrood.

17780 HAMBLETON, J. I. New test for AFB [American foulbrood]. Beekeepers Item 29: 283-284. Aug. 1945. 424.8 B397

17781 HAYDAK, M. H. The language of the honeybees. Amer. Bee J. 85: 316-317. Sept. 1945. 424.8 Am3

17782 HERNÁNDEZ, E. Las abejas rinden un positivo servicio en esta época de guerra. Rev. de Agr., Indus. y Com. de Puerto Rico 35: 190-193. May/Dec. 1944. 8 R325

As pollinators, and in the production of honey and beeswax.

17783 HUTCHIESON, J. A. National hive on trial. Scot. Beekeeper 21: 106-107. Aug. 1945. 424.8 Sco8

17784 IELPO, J. B. A proposito de la fecundación artificial de las abejas reinas. Chacra 15 (178): 54. Aug. 1945. 9 C34

17785 INSTALACIÓN de colmenares. Chacra 15(175) 63. May 1945. 9 C34

17786 JAMIESON, C. A. Honey bees and Ladino clover. Canad. Bee J. 53: 136. Aug. 1945. 424.8 C16

Honeybees responsible for the seed set.

17787 JAMIESON, C. A. The influence of sunlight and temperature on changes in weight of scale hives. Canad. Bee J. 53: 137-139. Aug. 1945. 424.8 C16

Weather factors and their influence on nectar-secreting plants and honeybee activity.

17788 JOHNSON, L. H. Honey extracting and packing house. New Zeal. J. Agr. 70: 627-628. June 15, 1945. 23 N48J



17789 MCLESTER, R. L. Arkansas Beekeepers Association is active. Beekeepers Mag. 8(1): 20. Aug. 1945. 424.8 M58

17790 MANLEY, R. O. B. Substitutes for beeswax for the manufacture of comb-foundation. Bee World 26: 58. Aug. 1945. 424.8 B399

17791 MARTIN, E. R. Malpighian tubes. Beekeepers' Rec. 63: 62. July 1945. 424.8 B398

17792 \*MATHIS, M. Sur un nouveau procédé de dépiçage de la loque américaine des abeilles. Inst. Pasteur [Paris]. Ann. 68: 79-81. Jan. 1942. 448.3 An75

17793 MÉDICI, M. Literatura apícola a través de los siglos. Mundo Avic. 8(88): 36, 46, 53; (89): 55, 57-58. (Concl.) June, July 1945. 47.8 M92

17794 MORENO BONILLA, J. C. Las abejas y su utilidad a la agricultura. Vida Rural 6(70): 12. May 1945. 9.4 V66

17795 \*MORRISSEY. Some experiences of a British bee-keeper in India. Madras Agr. J. 33(1/2): 8-10. Jan./Feb. 1945. 22 M263

Indian bee, Apis indica.

17796 MULVANY, J. L. Importancia de la apicultura. Mundo Avic. 8(90): 52, 54-55, 57. Aug. 1945. 47.8 M92

Argentina.

17797 ORR, L. E. Who spreads AFB [American foul brood]? Beekeepers Item 29: 264-265. Aug. 1945. 424.8 B397

17798 PARKER, R. W., and EVANS, W. R. Beekeeping in Bermuda and influencing factors. Gleanings Bee Cult. 73: 371-373, 400. Sept. 1945. Ref. 424.8 G47

17799 PATERSON, C. R. Capping reducers and wax presses. New Zeal. J. Agr. 70: 646-648. June 15, 1945. 23 N48J

Preparation of beeswax for market.

17800 POPOWSKI, B. Stolen honey is sweetest; how to trail wild bees and harvest their honey. Field and Stream [New York]. 50(5): 29, 75-78. Sept. 1945. 410 F45

Locating bee trees.

17801 PRODUCING comb foundation the modern way. By Gubeshe. Farmer [Pietermaritzburg]. 34(28): 14. July 13, 1945. 24 F227

17802 RICE, D. A. Stings and their effects. Scot. Beekeeper 21: 97. July 1945. 424.8 Sco8

17803 ROLAND, S. Apicultura; la ciencia y arte de la huerta, ocupación lucrativa para el habitante de la aldea. Panamá. Min. de Agr. y Com. Rev. de Agr. y Com. 4(46): 21-23. June 1945. 8 R3291

17804 ROOT, E. R. Eighty years among the bees. Gleanings Bee Cult. 73: 378, 400. (Cont.) Sept. 1945. 424.8 G47

17805 SARASQUETA, P. A. DE. Comercio y producción apícola en la República Argentina. Mundo Avic. 8(90): 42-43, 46. (Concl.) Aug. 1945. 47.8 M92

17806 SCHOLES, D. D.D.T. and bees. West. Canada Beekeeper 8(7): 12. July 1945. 424.8 W525

17807 \*SEVALLÉ, E. Apiculture pour les paysans. Rev. des Agr. de France 73: 196. July 1941. 14 R325

17808 STARNES, H. T. Compare the trends. Beekeepers Mag. 8(1): 13-14, 16. Aug. 1945. 424.8 M58

Postwar forces and their effect on the beekeeper.

17809 STINGLESS bees in B. C. Family Herald and Weekly Star 76(30): 6. July 25, 1945. 7 F21

Hybrid cross of Carniolan and Italian parentage.

17810 STRICKER, M. H. Paint for bee hives; aluminum paint for hives is worth more than a trial. Gleanings Bee Cult. 73: 369-370, 406. Sept. 1945. 424.8 G47

17811 SUTHERLAND, A. E. Acoustic observation applied to the bee hive. Scot. Beekeeper 21: 106. Aug. 1945. 424.8 Sco8

17812 TASKS for bees; Georgia begins research into pollinization of two forage crops [white and crimson clover]; through increased use of honey bee colonies on farms. Business Week, No. 832, p. 41-42. Aug. 11, 1945. 280.8 Sy8

Extent of the bee industry in Georgia.

17813 THIS season's honey is of fine quality and colour. Farmer [Pietermaritzburg]. 34(24): 10. June 15, 1945. 24 F227

17814 TILLING, W. 1745-1845-1945. Brit. Bee J. 73: 204. July 26, 1945. 424.8 B77

Discussion of parthenogenesis.

17815 WALKER, C. R. A new filter for honey. Amer. Bee J. 85: 317. Sept. 1945. 424.8 Am3

17816 WHITE, W. E. Mendelian queen-breeding. Brit. Bee J. 73: 137-138. May 17, 1945. 424.8 B77

17817 WILSON, H. F. Fruit juices with honey and the making of honey wine. Amer. Bee J. 85: 311. Sept. 1945. 424.8 Am3

17818 WILSON, R. W. Bee hive design and construction. Scot. Beekeeper 21: 95. July 1945. 424.8 Sco8

17819 WORKING with wax. West. Canada Beekeeper 8(8): 9. Aug. 1945. 424.8 W525

How to salvage beeswax.

17820 WRIGHT, P. H. The changing floral picture as it affects the beekeeper. West. Canada Beekeeper 8(7): 8-9. July 1945. 424.8 W525

17821 WRIGHT, P. H. The menace of ants to honeybee colonies. West. Canada Beekeeper 8(8): 3, 12. Aug. 1945. 424.8 W525

17822 YOUNG, M. L. Short honey crop in Ontario. Family Herald and Weekly Star 76(33): 6. Aug. 15, 1945. 7 F21

#### Colony Management

17823 BATTLING bees meet in the branches. By Gubeshe. Farmer [Pietermaritzburg]. 34(18): 10. May 4, 1945. 24 F227

Combat of two swarms.

17824 BRAUN, E. Divided colonies build up. West. Canada Beekeeper 8(7): 10. July 1945. 424.8 W525

17825 BRIER, J. H. Stocks ready for the [nec-]tar flow. Bee Craft 27: 53-54. July 1945. 424.8 B3925

17826 CABO DE VILA PARODI, L. Aumento del colmenar por medio de enjambres artificiales. Mundo Avic. 8(89): 46, 48. July 1945. 47.8 M92

17827 CABO DE VILA PARODI, L. El pillaje y su prevención. Mundo Avic. 8(90): 39, 47-48. Aug. 1945. 47.8 M92

17828 CAMPBELL, C. P. Requeening without de-queening. Gleanings Bee Cult. 73: 377, 401. Sept. 1945. 424.8 G47

17829 DUDLEY, J. F. An April queen. Bee Craft 27: 65-66. Aug. 1945. 424.8 B3925

17830 GRAHAM, J. Best method of preparing bees for winter. Australasian Beekeeper 46: 239-240. June 15, 1945. 424.8 Au72

17831 HANDLEY, W. P. Is swarm prevention detrimental to the honey bee? Scot. Beekeeper 21: 96. July 1945. 424.8 Sco8

17832 HUBBARD, J. Lets hives do their own requeening. West. Canada Beekeeper 8(7): 11. July 1945. 424.8 W525

17833 HUBBERT, S. W. Queen from laying worker eggs. Brit. Bee J. 73: 205-206. July 26, 1945. 424.8 B77

17834 KELLY, E. A. Likes 2-queen system. West. Canada Beekeeper 8(8): 6. Aug. 1945. 424.8 W525

17835 MÉDICI, M. Formación de nucleos de abejas. Suelo Argentino 4: 440-441. July 1945. 9 Su2



- 17836 MORISON, D. L. Working honey flows from the spotted gum [*Eucalyptus maculata*] areas; to maintain production and colony strength. Agr. Gaz. N. S. Wales 56: 269-271. June 1, 1945. 23 N472
- 17837 NEWELL, R. E. The preparation of colonies for wintering. Amer. Bee J. 85: 318. Sept. 1945. 424.8 Am3
- 17838 PAIRAULT, A. Contrôle de l'essaimage. Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 117-118. June 1945. 80 F9482
- 17839 PASCUAL, P. Trabajos a realizarse en el apiario durante el otoño. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 178. Apr. 12, 1945. 9.9 G15B
- 17840 PETTIT, M. Using the first swarm. Amer. Bee J. 85: 312. Sept. 1945. 424.8 Am3
- 17841 REECE, W. H. How to deal with laying worker colonies. Gleanings Bee Cult. 73: 381-382. Sept. 1945. 424.8 G47
- 17842 ROBINSON, E. Inferior packages. West. Canada Beekeeper 8(7): 12. July 1945. 424.8 W525
- 17843 SOUTHWICK, A. M. Too much queen rearing. Gleanings Bee Cult. 73: 381. Sept. 1945. 424.8 G47
- 17844 SUPERSBURDURE; Requeening sans swarming. By Gubeshe. Farmer [Pietermaritzburg] 34(22): 10. June 1, 1945. 24 F227
- 17845 TONTZ, C. Free bees. Gleanings Bee Cult. 73: 374-375. Sept. 1945. 424.8 G47  
Hiving a swarm.
- 17846 VALLEY, L. Laying workers. Brit. Bee J. 73: 199. July 19, 1945. 424.8 B77
- 17847 WERTHEIN, I. La reina: su importancia en la avicultura moderna. Rev. Mens. B. A. P. 28(332): 55-57, 59. July 1945. 9 B326
- 17848 WHEN BEES "move in." By Gubeshe. Farmer [Pietermaritzburg] 34(19): 10. May 11, 1945. 24 F227  
How to hive a swarm.  
See also Honey and Beeswax in Agricultural Products section.
- ARACHNIDA, MYRIAPODA, ETC.
- 17849 \*ANDRÉ, M. La fauna acarologique du système littoral. Soc. de Biogéographie. Mem. 7: 331-345. 1940. Ref. 410.9 Sol23
- 17850 BAERG, W. J. The black widow [*Latrodectus mactans*] and the tarantula. Conn. Acad. Arts and Sci. Trans. 36: 99-113. July 1945. Ref. 500 C76T
- 17851 \*BERLAND, L. Les Araignées marines. Soc. de Biogéographie. Mem. 7: 347-353. 1940. Ref. 410.9 Sol23
- 17852 BIANCHI, F. A. Notes on the abundance of the spiders *Latrodectus mactans*, *L. geometricus* and *Argiope avara*, and of their parasites on the Island of Hawaii. Hawaiian Ent. Soc. Proc. (1944) 12: 245-247. 1945. 420 H312
- 17853 BISHOP, S. C. Our lady's threads. Conn. Acad. Arts and Sci. Trans. 36: 91-97. July 1945. 500 C76T  
Discusses flying spiders.
- 17854 BLAKE, F. G., and others. Studies on tsutsumamushi disease (scrub typhus, mite-borne typhus) in New Guinea and adjacent islands. Amer. J. Hyg. 41: 243-396. May 1945. Ref. 449.8 Am3  
Contents: Epidemiology, clinical observations, and etiology in the Dobadura area, by F. G. Blake, K. F. Maxcy, J. F. Sadusk, Jr., G. M. Kohls, and E. J. Bell, p. 243-373; Further observations on epidemiology and etiology, by G. M. Kohls, C. A. Armbrust, E. N. Irons, and C. B. Philip, p. 374-396.
- 17855 BRENNAN, J. M. Field investigations pertinent to Bullis fever; the lone star tick, *Amblyomma americanum* (Linnaeus, 1758). Notes and observations from Camp Bullis, Texas. Tex. Rpts. Biol. and Med. 3: 204-226. Summer 1945. Ref. 448.8 T31
- 17856 BRISTOWE, W. S. Spider superstitions and folklore. Conn. Acad. Arts and Sci. Trans. 36: 53-90. July 1945. Ref. 500 C76T
- 17857 BROWN, R. B. Spinneret muscle homologies in spiders. Conn. Acad. Arts and Sci. Trans. 36: 245-248. July 1945. 500 C76T
- 17858 BRYANT, E. B. Notes on some Florida spiders. Conn. Acad. Arts and Sci. Trans. 36: 199-214. July 1945. 500 C76T  
Includes n. spp. in: *Anelosimus*; *Chrysso*; *Theridion*; *Micaria*.
- 17859 CASSAMAGNAGHI, A. La sarna demodectica de los bovinos [*Demodex bovis*]; su reconocimiento en el Uruguay. Uruguay. Min. de Ganad. y Agr. B. Mens. 28(1): 8-18. Jan./Mar. 1945. Ref. 41.9 Ur8
- 17860 CHAMBERLIN, J. C., and CHAMBERLIN, R. V. The genera and species of the Tridenchthoniidae (Ditidae); a family of the arachnid order Chelonethida. Utah. U. B. Biol. Ser., v. 35, No. 23, 67 p. June 20, 1945. (Biol. Ser., v. 9, No. 2.) 442.8 Utl
- 17861 CHAMBERLIN, R. V., and IVIE, W. Eriгонid spiders of the genera *Stirembolus*, *Disembolus*, and *Bactroceps*. Conn. Acad. Arts and Sci. Trans. 36: 215-235. July 1945. 500 C76T  
Includes 2 n. spp. in *Bactroceps* n. g.
- 17862 CHAMBERLIN, R. V. Two new centipeds from Trinidad. Ent. News 56: 171-174. July 1945. 421 En88  
*Newportia oligopla* n. sp.; *Leucolinum trinidadense* n. g., n. sp.
- 17863 CHICKERING, A. M. Hypotypes of *Accola spinosa* Petrunkevitch (Dipluridae) from Panama. Conn. Acad. Arts and Sci. Trans. 36: 159-167. July 1945. 500 C76T
- 17864 \*CHUMAKOV, M. P. Izuchenie ul'travirusnykh encefalitov. Soobshchenie VI. Peredacha virusa kleshchevogo entsefalita potomstvu u ikhsodovykh kleshchei i vopros o prirodnykh rezervuarakh etoi infektsii [The study of ultravirus encephalitis. Sixth communication. Transmission of the virus of tick encephalitis to the progeny in *Ixodes persulcatus*; and the question of natural reservoirs of this infection]. Med. Parazitol. i Parazit. Bolezni 13(6): 38-41. 1944. 448.8 M469
- 17865 COLLINGE, W. E. Notes on the terrestrial Isopoda (woodlice). No. XI. North West. Nat. 19: 231-238. Dec. 1944. 410 N81
- 17866 COLLINGE, W. E. On the ecdysial fluid in terrestrial Isopoda. Ann. and Mag. Nat. Hist. (ser. 11) 12: 139-140. July 10, 1945. 410 An77
- 17867 DEEVEY, G. B., and DEEVEY, E. S., JR. A life table for the black widow [*Latrodectus mactans*]. Conn. Acad. Arts and Sci. Trans. 36: 115-134. July 1945. Ref. 500 C76T
- 17868 FIRE. DEPT. OF AGRICULTURE. Black currant mite (*Eriophyes ribis*). Fire. Dept. Agr. Leaflet 47, 4 p. Dublin, 1944. 10.5 Ir42
- 17869 EXLINE, H. A new group of the genus *Conopistha* Karsch, 1881 (Theridiidae, Conopisthinae) and three new species from Ecuador and Peru. Conn. Acad. Arts and Sci. Trans. 36: 177-190. July 1945. 500 C76T
- 17870 GARCIA GOMEZ, D. Una voz de alerta de la Asociación Colombiana de Ganaderos al gremio en todo el país; pérdidas que causa la garrapata [*Boophilus annulatus*]; en Antioquia; como podría terminarse con tan horrendo flagelo. Vida Rural 6(71): 8. June 1945. 9.4 V66  
Financial losses in skins, livestock, meat, and milk and costs of eradication.
- 17871 GELORMINI, N. Un romance en patología (*Spirochaeta gallinarum* y *Argas persicus* [i. e. *miniatus*]). Argentina. Dir. de Ganad. B. de Ganad. 1(8/9): 114-116. May/June 1945. 49 B86



- 17872 GERTSCH, W. J. Two interesting species of *Thallumetus* [*T. petrunkevitchinus* n. sp., *T. simoni* n. sp.]. Conn. Acad. Arts and Sci. Trans. 36: 191-197. July 1945. 500 C76T
- 17873 GILL, D. A., MOULE, G. R., and RIEK, R. F. Trombidiosis of sheep in Queensland. Austral. Vet. J. 21: 22-31. Apr. 1945. 41.8 Au72  
Caused by *Trombicula sarcina*.
- 17874 GOODNIGHT, C. J., and GOODNIGHT, M. L. A representative of the *Ischropsalidae* Simon (Phalangida) from Mexico. Conn. Acad. Arts and Sci. Trans. 36: 249-252. July 1945. 500 C76T  
*Ruaxphilos petrunkevitchou* n. g., n. sp.
- 17875 \*GRANDJEAN, F. Quelques genres d'acaréens appartenant au groupe des *Endeostigmata*. II. Étude particulière de 4 espèces appartenant aux genres *Petrallycus* et *Bichimaelia*. Ann. des Sci. Nat. Zool. et Biol. Anim. (ser. 11) 5: 1-59. 1943. 410 An7
- 17876 HICKMAN, V. V. A new group [*Oligotracheatae*] of apneumone spiders. Conn. Acad. Arts and Sci. Trans. 36: 135-157. July 1945. 500 C76T  
New fam. *Textricellidae* in *Araneae*. *Textricella parva*, *T. fulva*, and *T. luteola* n. g., n. spp.
- 17877 KATSON, B. J. Notes on nematode parasites of spiders. Conn. Acad. Arts and Sci. Trans. 36: 241-244. July 1945. Ref. 500 C76T
- 17878 L., D. How shall we defeat red spider [*Paratetranychus pilosus*] on fruit trees? John Innes B. 1: 54-57. n.d. 84 J61J
- 17879 \*LOMBARDINI, G. Acari: *Cyllibano sternalis* n. sp. Agr. Colon. 35: 146-147. Apr. 1941. 26 Ag82
- 17880 \*LOMBARDINI, G. Acari, *Grandiella tertia* n. sp. Agr. Colon. 36: 46-49. Feb. 1942. 26 Ag82
- 17881 \*LOMBARDINI, G. Acari: Il maschio adulto e la larva di femmina della specie *Passalobia quadricaudata* Lomb. Agr. Colon. 37: 67-70. Mar. 1943. 26 Ag82
- 17882 MACHADO, O. Observações sobre as mordeduras das escorpíndas. Inst. Vital Brazil. B. 4 (27): 5-7. Dec. 1944. 448.9 In75B  
*Scolopendra subspinipes*.
- 17883 MEGAW, J. W. D. Scrub typhus as a war disease. Brit. Med. J. 1945, 2(4412): 109-112. July 28, 1945. 448.8 B77  
Includes discussion of *Trombicula* spp. as vectors.
- 17884 MELLO-LEITAO, C. DE. Some interesting new Brazilian spiders. Conn. Acad. Arts and Sci. Trans. 36: 169-175. July 1945. 500 C76T  
New spp. in: *Uruchus*; *Avicularia*; *Rhomphaea*; *Scoloderus*; *Carepalxis*; *Cetonana*; *Rudra*.
- 17885 MILNE, A. The control of the sheep-tick (*Ixodes ricinus* L.) by treatment of farm stock. Ann. Appl. Biol. 32: 128-142. May 1945. Ref. 442.8 An72
- 17886 MOORE, A. C. Best way to treat scaly leg. Poultry London 97(3252): 6. July 3, 1945. 47.8 P869  
Caused by *Cnemidocoptes mutans*.
- 17887 NEWELL, I. M. *Hydrozetes* Berlese (Acari, *Oribatoidea*): the occurrence of the genus in North America, and the phenomenon of levitation. Conn. Acad. Arts and Sci. Trans. 36: 253-275. July 1945. Ref. 500 C76T  
Includes *Hydrozetes petrunkevitchi* n. sp.
- 17888 \*ROMANOV, O. lokal'nom lechenii chesotki loshadei [On the localized treatment of mange in horses]. Veterinarina 21(11/12): 34. Nov./Dec. 1944. 41.8 V6426
- 17889 ROOME, C. A. Heat encourages red mite [*Dermannyssus gallinae*]. Farmer and Stock-Breeder 59: 1177. July 24, 1945. 10 P228
- 17890 SAETTON, A. Equipo portatil para el control de los baños antisarnicos a base de cal y azufre. Argentina. Dir. de Canad. B. de Canad. 1(6/7): 60-65. Mar./Apr. 1945. 49 B86  
Dips for sheep.
- 17891 \*SAPRE, S. N. Observations on the biology of *Ornithodoros papillipes* Birula. Indian J. Vet. Sci. and Anim. Husb. 13: 162-165. June 1943. 41.8 In22
- 17892 \*SAPRE, S. N. Some methods of feeding ticks. Indian J. Vet. Sci. and Anim. Husb. 13: 175-177. June 1943. Ref. 41.8 In22
- 17893 SAVORY, T. H. A generation of arachnology in Europe. Conn. Acad. Arts and Sci. Trans. 36: 45-51. July 1945. 500 C76T
- 17894 SCHUBART, O. Sobre os representantes brasileiros da família *Spirostreptidae*. Acad. Bras. de Cien. An. 17(1): 51-87. Mar. 31, 1945. Ref. 516 R473A  
Includes n. spp. in: *Plusioporus*; *Ptenogonostreptus* n. g.; *Pseudogynostreptus* n. g.; *Sooretama* n. g.; *Conchostreptus* n. g.; *Paulistostreptus* n. g.; *Orthoporus*.
- 17895 SOARES, B. M. Alguns reparos a "Notas Sobre Opiliões [Phalangida] - V a XIII." São Paulo (State). Dept. de Zool. Papéis Avulsos 4: 309-312. Oct. 16, 1944. 410.9 Sa63  
English summary.
- 17896 SOARES, B. M. Aracnídeos de Monte Alegre. São Paulo (State). Dept. de Zool. Papéis Avulsos 4: 152-168. June 21, 1944. 410.9 Sa63  
New spp. in: *Taczanowskia*; *Idiops*; *Rachias*; *Olios*; *Tmarus*; *Discocyrtus*.
- 17897 SOARES, B. M. Mais alguns opiliões [Phalangida] de Boracéia. São Paulo (State). Dept. de Zool. Papéis Avulsos 4: 177-185. July 19, 1944. 410.9 Sa63  
English summary.  
Includes: *Oxyrhina zoppei*, n. g., n. sp.; *Caporiacius fallax*, n. sp.
- 17898 SOARES, B. M. Notas sobre aranhas. I. São Paulo (State). Dept. de Zool. Papéis Avulsos 4: 319-320. Oct. 16, 1944. 410.9 Sa63  
English abstract.  
*Pholcus communis* Piza considered synonymous with *Pholcus phalangoides* (Fuesslin).
- 17899 SOARES, B. M. Notas sobre opiliões [Phalangida]. V-XIII. São Paulo (State). Dept. de Zool. Papéis Avulsos 4: 243-275. Aug. 31, 1944. 410.9 Sa63  
English summaries.
- 17900 SOARES, B. M. Opiliões [Phalangida] do Alto da Serra. I-II. São Paulo (State). Dept. de Zool. Papéis Avulsos 4: 221-241, 277-302. July 19, Aug. 31, 1944. 410.9 Sa63  
English summaries.  
Includes 11 n. spp.; *Monticola* n. g.; *Pseudogyn-desoides* n. g.
- 17901 SOARES, B. M. Um novo opilião [*Schubartia singularis* n. g., n. sp.] da Bahia. São Paulo (State). Dept. de Zool. Papéis Avulsos 4: 33-36. Mar. 17, 1944. 410.9 Sa63
- 17902 SOARES, H. E. M. Um novo opilião [*Zalonius pulcherrimus*] do Paraná. São Paulo (State). Dept. de Zool. Papéis Avulsos 4: 321-324. Oct. 16, 1944. 410.9 Sa63
- 17903 \*SOLDATOVA, A. P. A contribution to the study of the biology of oribatid mites, intermediate hosts of cestodes of the family *Anoplocephalidae*. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 343-344. 1945. 511 P444
- 17904 STEWART, J. D. Scab in sheep in Australia, and its eradication. Austral. Vet. J. 21: 32-35. Apr. 1945. 41.8 Au72
- 17905 STODDARD, E. M., GRIES, G. A., and FLUMB, G. H. Red spider [*Tetranychus bimaculatus*] control with disodium ethylene biadithiocarbamate. (Abs.) Phytopathology 35: 657. Aug. 1945. 464.8 P56



17906 THAYER, J. W. The optic centers of spiders with reference to their use in taxonomy. Conn. Acad. Arts and Sci. Trans. 36: 237-240. July 1945. Ref. 500 C76T

17907 VERGANI, A. R. Transmisión y naturaleza de la "lepra explosiva" del naranjo. Argentina. Inst. de Sanid. Veg. [P.] Ser. A, v. 1, No. 3, 10 p. 1945. 464.9 Ar323

Vector is *Tenuipalpus pseudocuneatus*.

17908 \*VERHOEFF, K. W. Grundlagen zur Beurteilung der geographischen Verbreitung von bodentieren, beleuchtet an dem Beispiel des isopoden *Armadillidium vulgare*. Zoogeographica 4: 93-110. Apr. 1942. 410 Z725

17909 W., S. B. Prevent damage by red spider [Tetranychus telarius]. Pop. Gard. 47: 154. July 14, 1945. 80 G1622

#### COLEOPTERA

17910 ARROW, G. J. On the Melolonthine beetles of the genus *Hemisericca*, including a few new species. Ann. and Mag. Nat. Hist. (ser. 11) 12: 117-121. July 10, 1945. 410 An77

17911 \*BENNINGER, M. Über die australischen tribus Pamborini, Ozaenini und die subtr. Carenina (Col. Carab.). Münch. Ent. Gesell. Mitt. 33: 654-670. Dec. 15, 1943. 420 M922

Includes *Mystropomus regularis* n. sp.

17912 BAILEY, J. H., and BRITTEN, H. The Coleoptera of the Isle of Man. North West. Nat. 19: 285-289. (Cont.) Dec. 1944. 410 N81

Based on the ms. notes of the late J. H. Bailey and revised and extended by H. Britten.

17913 BALFOUR-BROWNE, J. Supplementary note on *Gyrinus nitidulus* Fab. Entomologist 78: 106. July 1945. 421 En8

17914 BALFOUR-BROWNE, M. A. The genera of the Gyrinoidea and their genotypes. Ann. and Mag. Nat. Hist. (ser. 11) 12: 103-111. July 10, 1945. 410 An77

17915 \*BARATTE, J. Sur l'amélioration possible des techniques de lutte contre le doryphore [Leptinotarsa decemlineata]; emploi de poudrages arsenicaux rapides, efficaces et peu dangereux. Acad. d'Agr. de France. Compt. Rend. 27: 939-941. Oct. 29/Nov. 5, 1941. 14 P215Bc

17916 \*BENICK, L. *Anthobium minutum* L., lapponicum Munn. und *sorbicola* Kang. (Col. Staph.). Münch. Ent. Gesell. Mitt. 33: 599-604. Dec. 15, 1943. 420 M922

17917 BERGAMIN, J. A broca do café "Hypothenemus [l. e. *Stephanoderes*] hampei" (Ferrari, 1867). São Paulo (State). Supt. dos Serv. do Café, B. 20: 285-293. (Cont.) Mar. 1945. 68.29 Sa63

17918 BERGAMIN, J. A broca do café "Hypothenemus [l. e. *Stephanoderes*] hampei" (Ferrari, 1867); depois de 1924. São Paulo (State). Supt. dos Serv. do Café, B. 20: 157-165. Feb. 1945. Ref. 68.29 Sa63

17919 BERGAMIN, J. A formação de novos cafézais e a broca do café [Stephanoderes hampei]. São Paulo (State). Supt. dos Serv. do Café, B. 20: 281-284. Mar. 1945. 68.29 Sa63

17920 \*BRUNING, S., and JONG, C. DE. Neue und seltene Lamiinae (Coleoptera, Cerambycidae). Leyden. Rijks Mus. van Natuurlijke Hist. Zool. Meded. 23(1/2): 47-106. 1941. 410.9 L59

Includes: 6 n. g.; 86 n. spp. and forms.

17921 \*BRUCE, N. Entomological results from the Swedish expedition 1934 to Burma and British India. Coleoptera: Cryptophagidae gesammelt von René Malaise. Arkiv. för Zool., v. 36, No. 1, art. A 4, 5 p. 1945. 410.9 Sv22

Text in German.

New spp. in: *Loberus* 2; *Cryptophagus* 2.

17922 BRYANT, G. E. New species of Blepharida from Africa (Halticinae, Col.). Ann. and Mag. Nat. Hist. (ser. 11) 12: 129-137. July 10, 1945. 410 An77

17923 BRYDON, P. H. The black vine weevil [Brachyrhinus sulcatus]. Rhododendron Ybk. 1945: 88-91. 97.21 R343

17924 BYNUM, E. K., and others. Summer planting of sugarcane to control wireworms in the vicinity of Edgard, La. Sugar B. 23: 191. Aug. 1, 1945. 65.9 Am32

J. W. Ingram, W. E. Haley, and L. J. Charpentier, joint authors.

17925 CHAPIN, E. A. A new genus and species [Onychotillus vittatus] of clerid beetle from Jamaica. Conn. Acad. Arts and Sci. Trans. 36: 595-598. July 1945. 500 C76T

17926 COCKBILL, G. F., and others. Wireworm populations in relation to crop production. I, A large-scale flotation method for extracting wireworms from soil samples and results from a survey of 600 fields. Ann. Appl. Biol. 32: 148-163. May 1945. 442.8 An72

V. E. Henderson, D. M. Ross, and J. H. Stapley, joint authors.

17927 CORBET, A. S. The type locality of *Gyrinus nitidulus* Fabricius, 1798 (Col.: Gyrinidae). Entomologist 78: 104-105. July 1945. 421 En8

17928 \*CROS, A. Considérations générales sur les espèces de Meloe du groupe "rugosus" Marsh. Observations biologiques sur le M. ganglbaueri Apfelbeck et le M. mediterraneus Müller. Ann. des Sci. Nat. Zool. et Biol. (ser. 11) 5: 61-77. 1943. 410 An7

17929 CUMMINGS, M. B. Weevils in evergreens. Amer. Nurseryman 82(4): 14-15. Aug. 15, 1945. 80 Am371

17930 \*DAUBERSCHMIDT. Zur flugzeugbekämpfung des maikäfers [Melolontha spp.]. Forstwiss. Centbl. u. Tharandter Forstl. Jahrb., No. 1, p. 64-68. Mar. 1944. 99.6 F775

17931 DONISTHORPE, H. A new British species of *Quedius* [Q. lloydi, (Col., Staphylinidae). Ent. Monthly Mag. 81: 165. July 1945. 421 En86

17932 DUFFY, E. A. J. The coleopterous fauna of the Hants-Surrey border. Ent. Monthly Mag. 81: 169-179. Aug. 1945. 421 En86

17933 \*GEBIEN, H. Katalog der tenebrioniden. Münch. Ent. Gesell. Mitt. 33: 895-926. Dec. 15, 1943. 420 M922

Forms p. 810-926 of the Katalog.

17934 GRESSITT, J. L. New longicorn beetles from China. VIII, IX. (Coleoptera: Cerambycidae). Lingnan Nat. Hist. Survey and Mus. Spec. P. 2, 6 p.; 3, 8 p. Canton, 1942.

Reprinted in Lingnan Sci. J. 21, Sup. Aug. 15, 1945. 22.5 C16

Lists 21 n. spp.

17925 GRESSITT, J. L. New longicorn beetles from China, XI. (Col. Ceramb.). Lingnan Sci. J. 21: 123-134. Aug. 15, 1945. 22.5 C16

Includes n. spp. and forms in: Rosalia; Demonax; Cleomenes; Pterolophia; Metopoplectus; Ostodes; Menesia; Glenea.

17936 GRESSITT, J. L. A new tortoise-beetle name [Cassida spaethiana] (Col.: Chrys.: Cassid.). Lingnan Sci. J. 21: 147. Aug. 15, 1945. 22.5 C16

For *Taewania spaethi* Gressitt.

17937 GRESSITT, J. L. New tortoise beetles from China (Chrysomelidae: Cassidinae). Lingnan Nat. Hist. Survey and Mus. Spec. P. 5, 4 p. Canton, 1942.

Reprinted in Lingnan Sci. J. 21, Sup. Aug. 15, 1945. 22.5 C16

Includes new spp. in: *Hoplionota*; *Taiwania*; *Glyphocassis*; *Cassida*.



- 17938 GRESSITT, J. L. On some genera of oriental Orsodacninae and Eumolpinae (Col. Chrysom.). *Lingnan Sci. J.* 21: 135-146. Aug. 15, 1945. Ref. 22.5 C16  
Includes 2 n. n.; 21 n. comb.; new spp. in Zeugophora; Aulexis; Orthaulexis n. g.
- 17939 HAMNER, A. L. Line cribs and fumigate for weevil [Sitophilus oryza] control. *Miss. Farm Res. [Miss. Sta.]* 8(7): 7. July 1945. 100 M69M1
- 17940 HEY, A. Schädlinge des Kleesamenbaues [Apion sp.]. Landesbauernschaft Moselland. *Wchnbl.* No. 21, p. 308. May 22, 1945. 18 L2328
- 17941 IHSEN, G. Neue und interessante insektenfunde aus dem faunengebiet Südbayerns. 30. Koleopt. ergänzungen und bemerkungen zu band IV der Fauna Germanica von Reitter, (fortsetzung der Beiträge zur Kenntnis der Fauna Südbayerns). 30. Koleopt. ergänzungen und bemerkungen zu band IV der Fauna Germanica von Reitter. *Münch. Ent. Gesell. Mitt.* 33: 889-894. Dec. 15, 1943. 420 M922
- 17942 JANNONE, G. Osservazioni e rilievi su un singolare attacco di Epilachna (Omnotriba) similis ssp. tellinii Wes. (Coleoptera, Coccinellidae) alle colture di orzo e di frumento dell'Uollo Jeggli (Scioa, A. O. I.). *Agr. Colon.* 35: 1-13. (To be cont.) Jan. 1941. 26 Ag82
- 17943 KAUFMANN, R. R. U. Further notes on the colour forms of Rhagium bifasciatum F. (Col., Cerambycidae). *Ent. Monthly Mag.* 81: 186-187. Aug. 1945. 421 En86
- 17944 KOCH, C., and FREY, G. Phylogenetische, biogeographische und systematische studien über ungeflügelte tenebrioniden. (Col. Tenebr.). IV. *Münch. Ent. Gesell. Mitt.* 33: 479-597. Dec. 15, 1943. 420 M922  
Includes 6 n. g., 7 n. sgen., 19 n. spp., and 6 n. ssp.
- 17945 KOCH, C. Revision der tenebrionidengattungen Thalpophila und Rhytinota (Col. Tenebr.). *Münch. Ent. Gesell. Mitt.* 33: 759-889. Dec. 15, 1943. 420 M922  
New sgen.: Rhytinota (Prorhytinota); R. (Rhydimorpha); R. (Rhytistena); Thalpophila (Kaszabiella); T. (Rhytinopsis). New spp. and forms in: Rhytinota 22; Thalpophila 6.
- 17946 LINSLEY, E. G. Further notes on some species of Pleocoma (Coleoptera, Scarabaeidae). *Pan-Pacific Ent.* 21: 110-114. July 1945. 421 P193  
Includes Pleocoma venturae n. sp.
- 17947 LINSLEY, E. G., and MACSWAIN, J. W. Longevity of fifth instar larvae of Hornia boharti Linsley. *Pan-Pacific Ent.* 21: 88. July 1945. 421 P193
- 17948 MACSWAIN, J. W. Notes on the habits of the predator Cymatodera ovipennis Say with a description of the pupa (Coleoptera, Cleridae). *Pan-Pacific Ent.* 21: 97-100. July 1945. 421 P193
- 17949 MESCHNIGG, J. Ein neuer Anophthalmus Sturm. [A. manhartensis; vom Manhart [Col. Carab.]] *Münch. Ent. Gesell. Mitt.* 33: 671-673. Dec. 15, 1943. 420 M922
- 17950 MORIYA, K. Gorgojo pardo del algodonoero (Conotrachelus denieri Huls.). *Paraguay. Min. de Agr. Rev.* No. 7, p. 35-43. Mar. 1945. 9.7 Ag8Re
- 17951 NAVAJAS, E. Algumas notas sobre a nomenclatura dos fulcidacideos (Col. Chrysomeloidea). São Paulo (State). *Dept. de Zool. Papéis Avulsos* 4: 213-220. July 19, 1944. Ref. 410.9 Sa63
- 17952 NAVAJAS, E. Sobre a validade de Fulcidax violaceus (Klug, 1824) (Col. Fulcidacidae). São Paulo (State). *Dept. de Zool. Papéis Avulsos* 4: 95-103. June 21, 1944. 410.9 Sa63
- 17953 OLIVERA MASSÓ, C. La altisa [Altica ampelophaga; de la vid (escarbato)]. *Vinos, Viñas y Frutas* 40: 362-366. Apr. 1945. 9 Ag89
- 17954 OTOYA, F. Anotaciones sobre el genero Ancognatha y descripción de una nueva especie [A. nigriventris; (Scarabaeidae)]. *Caldasia* 3: 273-282. Apr. 30, 1945. 516 C12  
Two colored plates.  
A. (Pseudoancognatha) n. sgen.
- 17955 PARK, O. Further studies in Pselaphidae (Coleoptera) of Mexico and Guatemala. *Chicago Acad. Sci. B.* 7: 331-443. 1945. Ref. 500 C43B  
Includes new spp. and forms in: Sebaga 2; Cupila; Rhexius; Rhinoscepsis; Reichenbachia 15; Bunoderus; Dranisaxa n. g.; Anchylarthron; Mitona; Caligocara n. g.; Scalenarthrus; Arthmus 2; Pselaphellus; Phalepsus 2. New sgen.: Cupila (Cutrimia).
- 17956 PEREIRA GOMES, J. A. Um grave perigo para os batatais; "O escaravelha da batateira" (Leptinotarsa decemlineata Say). *Portugal. Junta Nac. das Frutas. B.* 4(3): 16-22. Mar. 1944. 286.3939 P83
- 17957 RAUCOURT, M., and BÉGUÉ, H. Les produits antidoryphoriques en 1941 et 1942. *Acad. d'Agr. de France. Compt. Rend.* 28: 380-382. Apr. 15/22, 1942. 14 P215Bc  
Control of Leptinotarsa decemlineata.
- 17958 RISLER, J. La lutte contre le doryphore [Leptinotarsa decemlineata]; Recherches expérimentales. Applications pratiques. *Acad. d'Agr. de France. Compt. Rend.* 27: 1112-1120. Dec. 10/17, 1941. 14 P215Bc  
Mixture of sodium carbonate and ammonium carbonate most effective.
- 17959 SHARPE, J. S. Aquatic Coleoptera of Staffordshire. *Ent. Monthly Mag.* 81: 155-159. July 1945. Ref. 421 En86
- 17960 SMITH, R. F., and MICHELbacher, A. E. Abundance of Hypera punctata (Fabr.) in 1945. *Pan-Pacific Ent.* 21: 118. July 1945. 421 P193
- 17961 SMITH, R. F., and POTTS, R. W. L. Biological notes on Pleocoma hirticollis vandykei Linsley (Coleoptera; Scarabaeidae). *Pan-Pacific Ent.* 21: 115-118. July 1945. 421 P193
- 17962 THÉRY, A. Buprestides de la collection Georg Frey. *Münch. Ent. Gesell. Mitt.* 33: 625-631. Dec. 15, 1943. 420 M922  
Includes: Steraspis comitessa n. sp.; Freya lampetiformis n. g., n. sp.
- 17963 THÉRY, A. Contribution à la connaissance des Buprestides. *Münch. Ent. Gesell. Mitt.* 33: 632-653. Dec. 15, 1943. 420 M922  
New spp. and forms in: Oedisterna 2; Haplotrinchus 2; Nosotrinchus; Metatania 3.
- 17964 VALENTINE, J. M. Speciation and radiation in Pseudanophthalmus (cavernicolous Carabidae). *Conn. Acad. Arts and Sci. Trans.* 36: 631-671. July 1945. 500 C76T  
Includes 7 n. spp. and forms.
- 17965 VAN DYKE, E. C. New species of North American Coleoptera. *Pan-Pacific Ent.* 21: 101-109. July 1945. 421 P193  
New spp. and forms in: Trechus; Badister; Hesperobaenus; Hylus; Acmaeodera 3; Agaocera.
- 17966 W., S. R. Beating the wireworm. *Pop. Gard.* 47: 179. Aug. 4, 1945. 80 G1622
- 17967 ZIMMERMAN, E. C. New Ampagia weevils from New Caledonia and the Philippines (Coleoptera, Curculionidae). *Hawaiian Ent. Soc. Proc.* (1944) 12: 453-460. 1945. 420 H321  
New spp.: A. luzonae, A. williamsorum, A. setiger.

## DIPTERA

- 17968 ALEXANDER, C. P. New or little-known Tipulidae from New Caledonia (Diptera). *Hawaiian Ent. Soc. Proc.* (1944) 12: 235-244. 1945. 420 H312  
Includes n. spp. in: Macromastix; Limonia; Helius; Gynoplistia 2; Gonomyia.



- 17969 ALEXANDER, C. P. Studies on the Tipulidae of China (Diptera). VI. New crane-flies from Yunnan, Kweichow and Kwangtung. Lingnan Sci. J. 21: 15-30. Aug. 15, 1945. 22.5 C16  
Includes n. spp. in: Tipula 3; Limonia 5; Helius; Hexatoma, Gonomyia.
- 17970 ALEXANDER, C. P. Undescribed species of Tipulidae from the Western United States (Diptera). Part II. Pan-Pacific Ent. 21: 91-97. July 1945. 421 P193  
Includes n. spp. in: Dactylolabis; Limnophila 3; Shannonomyia.
- 17971 AUSTIN, L., YUILL, J. S., and BRECHEEN, K. G. Use of shoot characters in selecting ponderosa pines resistant to resin midge [Retinodiplosis sp.]. Ecology 26: 288-296. July 1945. Ref. 410 Ec7
- 17972 \*BETTINI, T. M. L'importanza della lotta contro le glossine (Glossina spp.) quale profilassi di alcune tripanosi dell'A. O. I. Agr. Colon. 35: 374-382, 415-424. (Concl.) Oct., Nov. 1941. Ref. 26 Ag82
- 17973 BROMLEY, S. W. The robber flies and bee-killers of China (Diptera: Asilidae). Lingnan Sci. J. 21: 87-105. Aug. 15, 1945. 22.5 C16
- 17974 \*BUA, G. Ulteriori esperimenti con sostanze attrattive per la mosca delle olive [Dacus oleae]. Olivicoltura 18(7): 13-21. July 1940. 80 OL4
- 17975 C., H. Protecting sheep against fly attack. Farmers' Gaz. [Dublin], 103: 397. July 14, 1945. 10 F221
- 17976 CARRERA, M. Chave sinóptica da subfamília Leptogastrinae (Diptera, Asilidae), com a descrição de um novo gênero e uma nova espécie [Shannonomyia fragilis n. g., n. sp.]. São Paulo (State). Dept. de Zool. Papéis Avulsos 4: 85-93. Apr. 30, 1944. 410.9 Sa63
- 17977 CHAMBERLAIN, W. E. The buffalo fly [Lyperosia exigua] menace. Tasmanian Farmer 8(8): 8-9. May 1945. 23 T186
- 17978 CRAGG, J. B. Sheep maggots [blowflies]. Gt. Brit. Min. Agr. Agriculture 52: 161-164. July 1945. 10 G79J
- 17979 CRESSON, E. T., JR. A systematic annotated arrangement of the genera and species of the Indo-Australian Ephyrididae (Diptera). 1. The subfamily Psilopinae. Amer. Ent. Soc. Trans. 71: 47-75. Mar./June 1945. 420 P53  
Includes Gymnopiella n. g.; Hostis guamensis n. g., n. sp.
- 17980 DAMASCENO, R. G., and CAUSEY, O. R. Estudo sobre Flebotomus no Vale Amazônico. Parte I. Descrição de F. marajoensis, F. pilosus, F. souzacastrói e F. christophersoni (Diptera: Phlebotomidae). Inst. Oswaldo Cruz Mem. 41: 339-350. Oct. 1944. 448.9 In74
- 17981 GOFFE, E. R. Volucella zonaria (Fod., 1761) (Dipt., Syrphidae) in Britain. Ent. Monthly Mag. 81: 159-162. July 1945. 421 En86
- 17982 GOLDSCHMIDT, R. B. The structure of po-doptera, a homoecic mutant of Drosophila melanogaster [i.e. ampelophila]. J. Morph. 77(1): 71-103. July 1945. Ref. 444.8 J826
- 17983 HERMAN, C. M. Cephemyia jellisoni Townsend (Diptera: Cerebridae) reared from nasal bot of blacktailed deer. Pan-Pacific Ent. 21: 120. July 1945. 421 P193
- 17984 HULL, F. M. New syrphid flies. Ent. News 56: 182-187. (To be cont.) July 1945. 421 En88  
Cerioides malleus n. sp.; Mallota separata n. sp.; Mesogramma arethusa n. sp.
- 17985 MCCORNACK, R. C. Presence of Chrysomya rufifacies larvae in rumen of a steer. Amer. Vet. Med. Assoc. J. 107: 80. Aug. 1945. 41.8 Am3
- 17986 MAYR, E., STEBBINS, G. L., JR., and SIMPSON, G. G. Symposium on age of the distribution pattern of the gene arrangements in Drosophila pseudo-obscura. Lloydia 8: 69-108. June 1945. Ref. 442.8 L77  
Contents: Introduction, by E. Mayr, p. 69; Some evidence in favor of a recent date, by E. Mayr, p. 70-83; Evidence for abnormally slow rates of evolution, with particular reference to the higher plants and the genus Drosophila, by G. L. Stebbins, Jr., p. 84-102; Evidence from fossils and from the application of evolutionary rate distributions, by G. G. Simpson, p. 103-108.
- 17987 MESA CARRIÓN, F. Hay que intensificar la lucha contra la mosca de la fruta [Ceratitis capitata]. Uruguay. Min. de Genad. y Agr. B. Inform. 11: 205. May 3, 1945. 9.9 G15B  
Same title in Asoc. Rural del Uruguay. Rev. 72(5): 28-30. May 1945. 9.9 As5
- 17988 LA MOSCA [Musca domestica]; el insecto casero más nocivo para la salud y para la vida del hombre. Honduras Agr. 1(3): 7; (4): 4, 9; (5): 15; (8): 12-13; (9): 19-20. (Concl.) Jan. 19, Feb. 19, Mar. 10, June 1, July 1, 1945. 8 H753
- 17989 NORRIS, G. Seasonal menaces - flies. Internatl. Com. Rabbit J. 3(20): 43-44. June 1945. 40.28 In8  
Reprinted in Small Stock Mag. 29(2): 7. Aug. 1945. 48.8 F442
- 17990 ORNDUFF, D. R. DDT makes them "die like flies." Miracle insecticide produces highly gratifying results in experimental fly-control project on 30 Kansas ranches - effective as dip or spray - broad use seen. Amer. Hereford J. 36(7): 16-17, 68-70. Aug. 1, 1945. 43.8 Am32
- 17991 \*PONOMARENKO, D. Rozovyy komarik kak vreditel'semennoi liutserny (Pink midge. Ferrisia ignorata Wachtl as seed alfalfa pest). Vsesoiuzn. Akad. Sel'skokhoz. Nauk in. V. I. Lenina. Dok. 10 (1/2): 17-23. 1945. 20 Ak1
- 17992 POULSON, D. F. On the origin and nature of the ring gland (Weissmann's ring) of the higher Diptera. Conn. Acad. Arts and Sci. Trans. 36: 449-487. July 1945. Ref. 500 C76T  
Includes description of study made of Drosophila ampelophila embryos.
- 17993 RAPP, W. F., and COOPER, J. L. Preliminary catalogue of African Pipunculidae. Ann. and Mag. Nat. Hist. (ser. 11) 12: 128-129. July 10, 1945. 410 An77
- 17994 ROEBUCK, A., BAKER, F. T., and WHITE, J. H. Observations on the biology and experiments on control of the mangold fly (Pegomya hyoscyami; betae Curtis) on sugar beet. Ann. Appl. Biol. 32: 164-170. May 1945. Ref. 442.8 An72
- 17995 SALLES, J. F. DE, and HATHAWAY, C. R. Nota sobre a infestação de Musca domestica Linneu, 1758 por um fomiceto do gênero Empusa [muscae]. Inst. Oswaldo Cruz Mem. 41(1): 95-99. Aug. 1944. 448.9 In74  
English summary.
- 17996 SHULL, W. E. Cattle grubs [Hypoderma spp.] can be controlled. Kraftsman, Prod. Ed. 3(2): 14-15. Mar./Apr. 1945. 44.8 K85  
Successful use of rotenone.
- 17997 \*SILVESTRI, F. La lotta biologica contro la mosca delle olive [Dacus oleae]. Olivicoltura 18 (2): 3-6. Feb. 1940. 80 OL4
- 17998 SOUZA-ARAÚJO, H. C. DE. Verificação da infecção de moscas da família Tachinidae pela Empusa Cohn 1855 [muscae]. Essas moscas, sugando úlceras leproáticas, se infestaram com o bacilo de Hansen. Inst. Oswaldo Cruz Mem. 41(1): 201-203. Aug. 1944. 448.9 In74  
English summary.



- 17999 SPURWAY, H., and RENDEL, J. M. The genetics and cytology of *Drosophila subobscura*; I-II. *J. Genet.* 46: 268-302. Jan. 1945. Ref. 442.8 J823  
I. Element A. Sex-linked mutants and their standard order, by H. Spurway; II. Normal and selective matings in *Drosophila subobscura*, by J. M. Rendel.
- 18000 \*SVETLOV, P. G., and CHEKANOVSKAYA, O. V. On sex differences in susceptibility of imaginal discs in *Drosophila melanogaster* [i.e. *ampelophila*]; larvae to noxious agents. *Acad. des Sci. de l'U.R.S.S. Compt. Rend.* 46: 293-295. 1945. 511 P444
- 18001 \*TIMON-DAVID, J. Observations sur la fauna dipterologique littorale des îles du Golfe de Marseille. *Soc. de Biogéographie. Mem.* 7: 355-361. 1940. 410.9 Sol23
- 18002 TOWNES, H. K., JR. The nearctic species of Tendipedini (Diptera, Tendipedidae (=Chironomidae)). *Amer. Midland Nat.* 34: 1-206. July 1945. 410 M58  
Includes 2 n. g.; 3 n. gen.; 103 n. sp.; 60 n. comb. *Microtendipes caducus* n. n. for *Chironomus pallidus* Johannsen; *Harnischia galaptera*, n. n. for *Chironomus claripennis* Malloch.
- 18003 VARGAS, L. Nota sobre ceratopogonidos y Culicoides. *Mex. Inst. de Salubridad y Enferm. Trop. Rev.* 6(1): 41-49. Mar. 1945. Ref. 449.9 M572  
English summary.
- 18004 VARGAS, L. Notas sobre la oncocerciasis. I-III. *Mex. Inst. de Salubridad y Enferm. Trop. Rev.* 6(1): 51-70. Mar. 1945. 449.9 M572  
English summaries.  
Contents: I. Consideraciones sobre la población de simulidos adultos; II. El factor luz y los simulidos adultos; III. Algunos factores que afectan la fijación de las larvas de simulidos.
- 18005 VARGAS, L. Simulidos del nuevo mundo. *Mex. Inst. de Salubridad y Enferm. Trop. Monog.* 1, 241 p. Mexico, 1945. Ref. 449.9 M572M
- 18006 VARRO. A new attack on the warble fly *Hypoderma* spp. *J. Field* 185: 627. June 23, 1945. 10 P45
- 18007 VILLEE, C. A. Developmental\*interactions of homeotic and growth rate genes in *Drosophila melanogaster* [i.e. *ampelophila*]. *J. Morph.* 77(1): 105-118. July 1945. Ref. 444.8 J826
- 18008 WECHSLER, H. I. Histological effects of veratrine on the housefly [*Musca domestica*]. (Abs.) *Fordham U. Diss.* 11: 13-15. 1944. 241.8 F75
- Culicidae
- 18009 AFRIDI, M. K., and ARTHUR, J. H. Anti-malaria measures on Indo-Burmese border from 1942 to 1944. *Mil. Surg.* 97: 85-92. Aug. 1945. 448.8 M59  
Includes measures against *Anopheles* spp.
- 18010 YOUNG, M. D., and others. Studies on imported malarias: I. Ability of domestic mosquitoes to transmit vivax malaria of foreign origin. *Natl. Malaria Soc. J.* 4: 127-131. June 1945. 448.9 N213  
T. H. Stubbs, J. A. Moore, F. C. Ehrman, N. F. Hardman, J. M. Ellis, and R. W. Burgess, joint authors
- 18011 \*AZIZIAN, A. A. Poiski zamenitelei nefi dlia bor'by s komarami [Search for petroleum substitutes for mosquito control]. *Med. Parazitol. i Parazit. Bolezni* 13(6): 72-73. 1944. 448.8 M469  
Xylene and orthodichlorobenzol.
- 18012 BARBER, M. A. Field tests of DDT in solution in crank case oil as a larvicide against anopheline larvae. *Mosquito News* 5: 54. June 1945. 421 M85
- 18013 \*BLANC, G., and BALTAZARD, M. Transmission de l'infection à bacille de Withmore [i.e. *Malleomyces pseudomallei* (Whitmore)] par insectes piqueurs [*Aedes aegypti*]. I.- Maladie expérimentale du cobaye. *Inst. Pasteur [Paris]. Ann.* 68: 281-293. Apr./June 1942. 448.3 An75
- 18014 BOYD, W. S. Educational activities as related to the returning malaria carrier problem. *Natl. Malaria Soc. J.* 4: 147-150. June 1945. 448.9 N213
- 18015 CAMERON, T. W. M. Is malaria a post-war threat? *Canad. Business* 18(6): 32-33, 104, 106. June 1945. 287 C162  
Includes control of *Anopheles quadrimaculatus*.
- 18016 CARPENTER, S. J. Anopheline surveys in the Fourth Service Command. *Natl. Malaria Soc. J.* 4: 115-121. June 1945. 448.9 N213
- 18017 CERQUEIRA, N. L. Algumas espécies novas da Bolívia, e referência a tres espécies de *Haemagogus*. (Diptera, Culicidae). *Inst. Oswaldo Cruz Mem.* 39: 1-14. Aug. 1943. Ref. 448.9 In74  
English summary.
- New spp. in: *Taeniorhynchus*; *Psorophora* 3; *Aedes*.
- 18018 CERQUEIRA, N. L. Lista dos mosquitos da Bolívia. (Diptera, Culicidae.) *Inst. Oswaldo Cruz Mem.* 39: 15-36. Aug. 1943. 448.9 In74  
English summary.
- 18019 CHWATT, L. J. Studies on the melanic variety of *Anopheles gambiae* in southern Nigeria. *J. Trop. Med. and Hyg.* [London] 48: 51-55. (Concl.) June/July 1945. Ref. 448.8 J827  
A. *gambiae* melas.
- 18020 CLARKE, J. L. Modern methods of mosquito control; what cities can do to help stamp out the threat of mosquito-borne diseases presented by the war. *Amer. City* 60(8): 69-70, 95. Aug. 1945. 98.58 An31
- 18021 COUTINHO, J. O., RACHOU, R., and FERREIRA, M. Considerações em torno de uma inspeção preliminar de malária em zona de alta endemicidade no estado de Santa Catarina. *Inst. Oswaldo Cruz Mem.* 41: 1-19. Aug. 1944. 448.9 In74  
Includes discussion of vectors, of which *Anopheles cruzii* is most important.
- 18022 CRANFORD, P. G. Five Texas counties get DDT project. Is part of one of the greatest mass malaria experiments ever attempted in the United States. *East Tex.* 19(11): 7, 13. Aug. 1945. 6 Ex73  
Control of *Anopheles*.
- 18023 DAVIS, H. E. Drainage canals aid mosquito control in TVA reservoir areas. *Engin. News-Rec.* 135: 229-231. Aug. 23, 1945. 290.8 En34
- 18024 DEWS, S. C., and MORGAN, J. H. Military aspects of malaria control in the Fourth Service Command. *Natl. Malaria Soc. J.* 4: 105-108. June 1945. 448.9 N213  
Includes *Anopheles* control.
- 18025 DORR, R. E. The jeep - a new vehicle for mosquito control. *Mosquito News* 5: 49. June 1945. 421 M85
- 18026 FERGUSON, F. F., UPHOLT, W. M., and ARNOLD, E. H. Tests with DDT as an anopheline larvicide. *Mosquito News* 5: 51. June 1945. 421 M85
- 18027 \*GEIGY, R. Malaria in der Schweiz. *Acta Trop.* 2(1/2): 1-16. 1945. Ref. 475 Ac8  
Summary in English.  
No immunity to *Plasmodium vivax* has been acquired by either *Anopheles maculipennis* or *A. bifurcatus*.
- 18028 \*GLAGOLEVA, E. M. Materialy po ekologii lichinok *Anopheles* v Tadzhikistane. 4. Biotopy *Anopheles pulcherrimus* Theob. i ikh khimizm [Data on the ecology of *Anopheles* larvae in Tadzhikistan. 4. Biotope of *Anopheles pulcherrimus* Theob. and their chemism]. *Med. Parazitol. i Parazit. Bolezni* 13(6): 41-44. 1944. 448.8 M469



18029 GORDON, W. M., and GERBERG, E. J. A directional mosquito barrier trap. Natl. Malaria Soc. J. 4: 123-125. June 1945. 448.9 N213

Indicates location of mosquito breeding areas.

18030 GRUNDY, J. H. A list of *Anopheles* concerned with transmission of disease in man. Trop. Dis. B. 42: 517-525. July 1945. Ref. 448.8 T752

18031 HAMMON, W. M., REEVES, W. C., and GALINDO, P. Epizootology of western equine type encephalomyelitis: eastern Nebraska field survey of 1943 with isolation of the virus from mosquitoes. Amer. J. Vet. Res. 6: 145-148. July 1945. 41.8 Am3A

Principal vector is *Culex tarsalis*.

18032 HAMMON, W. M., and others. Human encephalitis in the Yakima Valley, Washington, 1942, with forty-nine virus isolations (western equine and St. Louis types) from mosquitoes. Amer. Med. Assoc. J. 128: 1133-1139. Aug. 18, 1945. 448.9 Am37

W. C. Reeves, S. R. Benner, and B. Brookman, joint authors.

18033 HU, S. M. K. Studies on the susceptibility of Shanghai mosquitoes to experimental infection with *Microfilaria malayi* Brug. VII. *Culex fuscus* Wiedemann. Chinese Med. J. [Wash., D. C.] 62: 255-259. July/Sept. 1944. 448.8 C44

18034 JONES, R. W., III. Report on use of a diaphragm pump and tide gates on malaria control project at Harvey Point, N. C. Natl. Malaria Soc. J. 4: 99-104. June 1945. 448.9 N213

Destruction of breeding places for *Anopheles quadrimaculatus*.

18035 KNIPLING, E. F. The development and use of DDT for the control of mosquitoes. Natl. Malaria Soc. J. 4: 77-92. June 1945. Ref. 448.9 N213

18036 KRUSE, C. W., and GARTRELL, F. E. The use of house mosquito-proofing as an emergency malaria control measure in the Kentucky reservoir. Natl. Malaria Soc. J. 4: 133-146. June 1945. Ref. 448.9 N213

18037 LENERT, L. G., and LEGWEN, W. A. Construction and operation of a 4-inch hydraulic dredge for malaria control drainage. Natl. Malaria Soc. J. 4: 93-98. June 1945. 448.9 N213

Mosquito control measure.

18038 MOORE, L. D. Incidence of malaria among troops in Liberia. Natl. Malaria Soc. J. 4: 109-113. June 1945. 448.9 N213

Includes *Anopheles gambiae* survey.

18039 \*ROUBAUD, E., CHORINE, V., and GUIRAUD, P. Épreuves négatives de transmission par l'anophèle d'une souche ancienne de paludisme d'inoculation (*Plasmodium vivax*). Inst. Pasteur [Paris]. Ann. 67: 462-465. Dec. 1941. 448.3 An75

18040 RUTH, P. W. Ten years of mosquito control problems and progress at Norfolk, Virginia. Mosquito News 5: 45-48. June 1945. 421 M85

18041 \*SABANEEV, S. Rezul'taty khronometrazha rabot po zasypkе anofelogennykh vodoemov v poime reki Samarki [Results of time studies in filling up the *Anopheles*-breeding areas in the flood plain of the Samarka River]. Med. Parazitol. i Parazit. Bolezni 13(6): 73-76. 1944. 448.8 M469

18042 SEVERIN, H. C. The need for a mosquito survey in South Dakota. S. Dak. Acad. Sci. Proc. (1944) 24: 54-60. 500 So82

Discusses mosquitoes as disease vectors.

18043 SIMMONS, S. W. Tests of the effectiveness of DDT in anopheline control. Pub. Health Rpts. 60: 917-927. Aug. 10, 1945. 151.65 P96

18044 SOUZA-ARAÚJO, H. C. DE. Verificação, em condições naturais, da infecção de mais três hematófagos (anophelíneos, flebotomos e simuliídeos) em leprosos. Inst. Oswaldo Cruz Mem. 39: 167-176. Oct. 1943. 448.9 In74

English summary.

18045 WILSON, C. A. Lotus borer [*Pyrausta nitalis*], ecologically antagonistic toward mosquitoes. Mosquito News 5: 50. June 1945. 421 M85

Killing of lotus plants eliminates ideal breeding conditions.

18046 WRAY, F. C. A guinea pig holder. Mosquito News 5: 52-53. June 1945. 421 M85

Laboratory aid in feeding mosquitoes.

18047 ZUKEL, J. W. Marking *Anopheles* mosquitoes with fluorescent compounds. Science 102: 157. Aug. 10, 1945. 470 Sci2

18048 \*ZUMPT, F. Flugzeugeinsatz zur stechmückenbekämpfung. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 299-300. July 29, 1944. 41.8 D482

#### HEMIPTERA (HETEROPTERA AND HOMOPTERA)

18049 AIRY SHAW, H. K. Additions to the list of Bedfordshire Hemiptera-Heteroptera. Ent. Monthly Mag. 81: 133-135. Aug. 1945. 421 En86

18050 AIRY SHAW, H. K. Length of rostrum in *Hoplomachus thunbergi* Fall. (Hem.-Het., Miridae). Ent. Monthly Mag. 81: 182. Aug. 1945. 421 En86

18051 ALTSTATT, G. E. Potential psyllid yellows of potato in the Texas Panhandle. Plant Dis. Rptr. 29: 514, processed. June 15, 1945. 1.9 P69F

*Paratiroza cockerelli*.

18052 BRUNER, S. C., and BOUCLE, L. La mosca prieta [*Aleurocanthus woglumi*] en Cuba y su control. Cuba. Min. de Agr. Rev. 28(1): 50-51, 53. Jan./Mar. 1945. 8 Ag88Re

*Eretmocerus serius*, parasite of *A. woglumi*.

18053 CARVALHO, J. C. M., and WYGODZINSKY, P. Neotropical Miridae: XIV. A new genus [*Anomalocornis*], and a new species [*A. geijskesi*] of Phyllinae from Dutch Guiana (Hemiptera). Rev. Bras. de Biol. 5(1): 33-35. Apr. 1945. 442.8 R326

18054 CRISTOBAL, U. L. El pulgon verde de los cereales [*Toxoptera graminum*]. Hereford 11: 214-216, 217-219. June 1945. 43.8 H42

18055 DRAKE, C. J., and HURD, M. P. Notes on two Fijian tinidids (Hemiptera). Hawaiian Ent. Soc. Proc. (1944) 12: 287-289. 1945. 420 H312

Discusses *Cysteochila vitilevuana* and *Ulonemia pacifica*.

18056 ESSIG, E. O. *Hyalopteroides pallida* Theobald, an aphid new to North America (Hemiptera, Aphididae). Pan-Pacific Ent. 21: 119-120. July 1945. 421 P193

18057 \*EXPERIMENTS on the control of *Chrysomphalus aonidum* L. by fumigation with hydrocyanic acid. (In Hebrew.) Hassadeh 25: 332-334. June 1945. 26 H27

18058 HUTCHINSON, G. E. On the species of *Notonecta* (Hemiptera-Heteroptera) inhabiting New England. Conn. Acad. Arts and Sci. Trans. 38: 599-605. July 1945. 500 C76T

Includes *Notonecta petrunkevitchi* n. sp.

18059 LENT, H., and WYGODZINSKY, P. Nova espécie de "*Zelus* (*Opisthacidius*)" da Amazônia [*Zelus parkoi*] (Reduviidae, Hemiptera). Rev. Bras. de Biol. 5(1): 133-138. Apr. 1945. 442.8 R326

18060 \*LEVADOUX, L. Déplacement des phylloxères radicales [*Phylloxera vastatrix*]. Prog. Agr. et Vitic. 122(1/4): 13-14. Jan. 7/28, 1945. 14 P94

18061 LOPEZ MANSILLA, E. E. Biología de la filoxera de la vid (*Viteus* [l. e. *Phylloxera*] *vitiifoliae* Fitch) en la Provincia de San Juan. Argentina. Inst. de Sanid. Veg. [P. J. Ser. A, v. 1, No. 5, 35 p. 1945. Ref. 464.9 Ar323

English summary.

18062 LOSADA LINISTEUA, B. Que son las cochinitillas de los citrus, (naranjos, limoneros, mandarineros, etc.) y como se combaten. Colombia. Estac. Agr. Expt. de Palmira. B. 3, 8 p. Palmira, 1945. 102.5 P18Bol



- 18063 M., and B. Citrus personalities under the microscope - No. 2 [Lepidosaphes beckii]. Citrus Grower, No. 137, p. 6. June 29, 1945. 80 C495
- 18064 \*MAAG. Die bekämpfung der blattläuse. Schweiz. Landw. Z. Die Grüne 72: 892-897. Aug. 11, 1944. 17 Sch9
- 18065 MCGILL, J. J. Anatomy and histology of the alimentary canal of *Clastoptera proteus* Fitch, variety *nigricollis*. (Abs.) Fordham U. Diss. 11: 11-13. 1944. 241.8 F75
- 18066 MAGISTRETTI, G. La parlatoria del olivo [Parlatoria oleae]. Corp. Fruticola Argentina. Rev. Ofic. 11(126): 7-10. June 30, 1945. 83 C81  
From La Olivicultura Argentina, No. 5.
- 18067 MONTE, O. Baratas água. Chacaras e Quintais 71: 454-458. Apr. 15, 1945. 9.2 C34  
Belostomatidae.
- 18068 NEIVA, A., and LEENT, H. Triatomídeos do Chile. Inst. Oswaldo Cruz Mem. 39: 43-75. Aug. 1943. Ref. 448.9 In74  
Four colored plates.
- 18069 PEROTTI, R. M. Contra la chinche de las gallinas [Cimex lectularius]. Pampa Argentina 19 (214): 54. June 1945. 9 P19
- 18070 SMITH, H. S., FLANDERS, S. E., and BASINGER, A. J. The control of *Saissetia oleae* by *Metaphycus helvolus* (Compere). Calif. Dept. Agr. B. 34: 93-94. Apr./June 1945. 2 C12M
- 18071 SWEZEY, O. H. Location of type specimens of *Trioza koebelei* Kirkaldy (Homoptera, Psyllidae). Hawaiian Ent. Soc. Proc. (1944) 12: 333. 1945. 420 H312
- 18072 SWEZEY, O. H. Notes on *Grantostethus servus* (Fabr.) in Hawaii (Heteroptera: Lygaeidae). Hawaiian Ent. Soc. Proc. (1944) 12: 335-340. 1945. 420 H312
- 18073 THOMAS, I. Synonymy of aphididae. Ann. Appl. Biol. 32: 187. May 1945. 442.8 An72
- 18074 TORRES, B. A. Sobre algunas especies de cicádidos presentes en nuestro país y citadas como perjudiciales a la agricultura. Argentina. Inst. de Sanid. Veg. [P.] Ser. A, v. 1, No. 4, 10 p. 1945. 464.9 Ar323
- 18075 \*TROUVELOT, B., and VEZIN, C. Le pou de San-José [Aspidiotus perniciosus], sur les cultures fruitières en France. Acad. d'Agr. de France. Compt. Rend. 28: 44-55. Jan. 7/14, 1942. 14 P215Bc
- 18076 USINGER, R. L. Distribution of *Icteronyssius* with description of a new subspecies [Neseis (Icteronyssius) ochriasis baldwini] from Haleakala (Hemiptera, Lygaeidae). Hawaiian Ent. Soc. Proc. (1944) 12: 405-406. 1945. 420 H312
- 18077 WALKER, M. V. Oyster shell scale [Lepidosaphes ulmi] in Yosemite National Park. Yosemite Nature Notes 24: 81-85. Aug. 1945. 409.6 Y8
- 18078 WALTON, C. J. The biology of *Pachypsylla celtidis-gemma* Riley (Homoptera: Psyllidae) and the relationship of the parasite to the bud of *Celtis occidentalis*. (Abs.) Fordham U. Diss. 11: 8-11. 1944. 241.8 F75
- 18079 WOGLUM, R. S. Red scale [Aonidiella aurantii] in interior and desert areas. Calif. Cult. 92: 417-419. Aug. 4, 1945. 6 C12
- 18083 HOWES, P. G. A jungle pigmy [Microstigmus guianensis]. N. Y. Zool. Soc. B. 48: 99-102. July/Aug. 1945. 410.9 N483B
- 18084 \*MALAISE, R. A new species of a bipolar saw-fly genus [Pseudomonophadnus antarcticus] (Hymen. Tenthred.). Arkiv. för Zool., v. 36, No. 1, art. B 1, 5 p. 1945. 410.9 Sv22
- 18085 MARSHALL, J. Justice for the bumblebee [Bombus spp.]. Collier's 116(1): 34. July 7, 1945. Libr. Cong.  
Ability to fly.
- 18086 MAVROMOUSTAKIS, G. A. On some anthidine bees (Apoidea) from Palestine. Part II. Ann. and Mag. Nat. Hist. (ser. 11) 12: 112-117. July 10, 1945. 410 An77  
Includes *Dianthidium hoplostomum* n. sp.
- 18087 NIXON, G. E. J. A revision of the European *Dacnusiini* (Hym., Braconidae, Dacnusiinae). Ent. Monthly Mag. 81: 189-192. Aug. 1945. 421 En86
- 18088 \*PASSAVALLI, L. P. Sulla presenza di *Megastigmus spermotrophus* Wachtl. a Vallombrosa nei semi di *Pseudotsuga douglasii* Carr. Riv. Forest. Ital. 19(7): 29-33. July 1941. 99.8 R522
- 18089 PATÉ, V. S. L. Notes on *Ammoplanus* (Hymenoptera: Sphecidae: Pemphredonini). Pan-Pacific Ent. 21: 81-88. July 1945. 421 P193  
Includes *A. umatilla* and *A. xila* n. spp.
- 18090 PERKINS, R. C. L. The aculeate Hymenoptera of a small area of Dartmoor near Lydford, Devon. Ent. Monthly Mag. 81: 145-153. July 1945. Ref. 421 En86
- 18091 RODECK, H. G. Two new subgenera of *Nomada* Scopoli, N. (*Pachynomada*), N. (*Callinomada*), (Hym.: Apoidea). Ent. News 56: 179-181. July 1945. 421 En88
- 18092 SCHUSTER, R. M. A new species of *Glyptotes* [C. bicolor], from California (Hymenoptera, Mutillidae). Pan-Pacific Ent. 21: 89-90. July 1945. 421 P193
- 18093 SWEZEY, O. H. Podagrion mantis Ashm., a parasite of mantis eggs in Hawaii (Hymenoptera; Callinomidae). Hawaiian Ent. Soc. Proc. (1944) 12: 341-342. 1945. 420 H312
- 18094 WHITING, A. R. Dominant lethality and correlated chromosome effects in *Habrobracon* [i. e. *Microbracon*] eggs X-rayed in diplotene and in late metaphase I. Biol. B. 89: 61-71. Aug. 1945. Ref. 442.8 B52
- 18095 WILLIAMS, F. X. The aculeate wasps of New Caledonia, with natural history notes. Hawaiian Ent. Soc. Proc. (1944) 12: 407-451. 1945. 420 H321  
Includes n. spp. in: *Eirone*; *Priocnemis* 3; *Nitela*; *Crabro*.
- 18096 WOOLLATT, L. H. Sawfly records from Cot-hill, Berks, including one [Rhadinoceraea gracilicornis] new to the British list (Hym., Symphyta). Ent. Monthly Mag. 81: 154-155. July 1945. 421 En86  
See also Apiculture and Apis mellifera.

## LEPIDOPTERA

## HYMENOPTERA

- 18080 \*BAUER, E. Über die zusammengehörigkeit von *Exetastes inquisitor* Gr.♀ und *Exetastes flavitaris* Gr.♂ (Hym. Ichneumon.). Münch. Ent. Gesell. Mitt. 33: 604-605. Dec. 15, 1943. 420 M922
18081. DONISTHORPE, H. Ants as carriers of diseases. Ent. Monthly Mag. 81: 185. Aug. 1945. 421 En86
- 18082 GREGG, R. E. The worker caste of *Harpagoxenus canadensis* Smith (Formicidae). Canad. Ent. 77: 74-76. Apr. 1945. 421 C16
- 18097 AERIAL war on looper [Lambdina fiscellaria somnaria]. Timberman 46(10): 92, 94. Aug. 1945. 99.81 T484  
DDT spray.
- 18098 \*ALBERTI, B. Zur frage der hybridisation zwischen *Colias erate* Esp., *hyale* L. und *edusa* F. und über die umgrenzung der 3 arten. Münch. Ent. Gesell. Mitt. 33: 606-625. Dec. 15, 1943. 420 M922
- 18099 ALMEIDA, R. F. D'. Nota suplementar a "Revisão das Especies Americanas da Superfamília Danaoidea." São Paulo (State). Dept. de Zool. Pa-péis Avulsos 4: 37-69. Apr. 1, 1944. Ref. 410.9 Ss63



- 18100 ALMEIDA, R. F. D'. Sobre a nomenclatura de alguns grupos superiores da ordem Lepidoptera. 3.<sup>a</sup> nota: Familias Lemoniidae, Megalopygidae e superfamilia Eucleoidea. São Paulo (State). Dept. de Zool. Papéis Avulsos 4: 311-318. Oct. 16, 1944. 410.9 Sæ63
- 18101 ANDERSSON, E. E. Control of the potato-tuber moth [Gnorimoschema operculella]. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 131, 2 p. Pretoria, 1945. 24 So82Pa
- 18102 BARCHILLON, J. El bicho de cesto [Oiketicus kirbyi], enemigo del arbol. Bolsa de Com., Rosario. Rev. 23(798): 3-6. Apr. 15, 1945. 287 R71
- 18103 BIERIG, A. La Moccis. Agr. Costarricense 3: 196-199. May/June 1945. 8 Ag895  
Methods of control.
- 18104 BROCKMAN, C. F. An interesting butterfly [Nymphalis californica] migration. Yosemite Nature Notes 24: 38. Aug. 1945. 409.6 Y8
- 18105 \*BRYK, F. Über die schmetterlingsausbeute der schwedischen wissenschaftlichen expedition nach Patagonien 1932-1934. Report number 11 from the Ljungner Expedition 1932-1934. Arkiv. för Zool., v. 36, No. 1, art. A 3, 30 p. 1945. 410.9 Sv22  
Includes 5 n. g. and 22 n. spp. and forms.
- 18106 BURKHOLDER, C. L. A few orchard management practices that are an aid in codling moth [Carpocapsa pomonella] control. Md. Fruit Grower 15(3): 1-2, 4, 6. July/Sept. 1945. 80 M36
- 18107 C., A. E. Cabbage white butterflies. Farmers' Gaz. [Dublin] 103: 425. July 26, 1945. 10 F221
- 18108 CARPENTER, G. D. H. An unusually early Argynnis (Lep., Nymphalidae). Ent. Monthly Mag. 81: 185. Aug. 1945. 421 En86
- 18109 \*CHERIAN, M. C., and ANANTANARAYANAN, K. P. Bionomics and control of Nephopteryx eugraphella Rag. - A pest of sapota [Achras zapota]. Madras Agr. J. 30: 409-411. Dec. 1942. 22 M262
- 18110 \*CHERIAN, M. C., and ANANTHANARAYANAN, K. P. The mango shoot-webber - Orthaga exvinacea Hampson and its control. Madras Agr. J. 31: 321-323 Nov. 1943. 22 M262
- 18111 \*CHERIAN, M. C., and MARGABANDHU, V. Preliminary trials with Trichogramma parasites for the control of the cotton boll worms. Madras Agr. J. 31: 107-111. Apr. 1943. 22 M262  
Experiments on Earias fabia and Pectinophora gossypiella eggs.
- 18112 \*CHERIAN, M. C., and BASHEER, M. Studies on Stomopteryx nerteria Meyr - A pest of groundnut in the Madras Presidency. Madras Agr. J. 30: 379-381. Nov. 1942. 22 M262
- 18113 CHIARELLI DE GAHAN, A. Larva de microlepidoptero que ataca al lino, Eulia loxonephes, Meyr. (Tortricidae). Argentina. Inst. de Sanid. Veg. [P.] Ser. A, v. 1, No. 2, 9 p. 1945. 464.9 Ar323
- 18114 COON, B. F. Cotton leafworm [Alabama argillacea] control. South. Agr. 75(8): 8. Aug. 1945. 6 So83
- 18115 CUBA. OFICINA DE DIVULGACIÓN DE LA SECCIÓN DE SANIDAD VEGETAL. Control de la palomilla del maíz, Lophygma frugiperda S. y A. Agronomía [Habana] 5: 130, 132. July 1945. 8 C893
- 18116 D., J. Coleta e preparo de lepidópteros. Caca e Pesca 5(49): 42-45. June 1945. 410 C11
- 18117 \*DANIEL, F. Beiträge zur kenntnis der Arctiidae ostasiens unter besonderer berücksichtigung der ausbeuten F. Hönes aus diesem gebiet (Lep. Het.). II. Teil: Hypsinae, Micrarctiinae, Spilosominae, Arctiinae. Münch. Ent. Gesell. Mitt. 33: 673-759. Dec. 15, 1943. 420 M922  
Includes n. spp. and forms in: Micrarctia 4; Spilosoma 20; Spilosoma 6; Alpheaea; Rhyarioides 2; Pericallia.
- 18118 \*EISNER, C. Ist im genus Parnassius saison-dimorphismus anzutreffen? Leyden. Rijks Mus. van Natuurlijke Hist. Zool. Meded. 23(1/2): 44-46. 1941. 410.9 L59
- 18119 FRIEND, R. B. The gypsy moth [Porthetria dispar] in Connecticut. Conn. Acad. Arts and Sci. Trans. 36: 607-629. July 1945. Ref. 500 C76T
- 18120 \*GLADMAN, J. C. Catopsilia crocale breeding with Catopsilia pomona. Bombay. Nat. Hist. Soc. J. 45: 255. Apr. 1945. 513 B63
- 18121 \*GLADMAN, J. C. Sap drinking butterflies. Bombay. Nat. Hist. Soc. J. 45: 255-256. Apr. 1945. 513 B63
- 18122 GOLDSCHMIDT, R. B. Mimetic polymorphism, a controversial chapter of Darwinism. Q. Rev. Biol. 20: 147-164. (To be cont.) June 1945. 442.8 Q2  
Deals mainly with mimicry in Lepidoptera.
- 18123 GUSANO chupador de la caña de azúcar [Diatraea]. Chacra 15(175): 37. May 1945. 9 C34
- 18124 HENDERSON, W. F. Additional notes on Papilio aristodemus ponceanus Schaus (Lepidoptera: Papilionidae). Ent. News 56: 187-188. July 1945. 421 En88
- 18125 HOVANITZ, W. Comparisons of some Andean butterfly faunas. Caldasia 3: 301-306. Apr. 30, 1945. 516 C12
- 18126 HOVANITZ, W. The distribution of Colias in the equatorial Andes. Caldasia 3: 283-300. Apr. 30, 1945. 516 C12
- 18127 LANG, W. R. The mothproofing of wool. Past. Rev. 55: 429-430. June 16, 1945. 23 Au75
- 18128 \*LORKOVIE, Z. Modifikationen und rassen von Everes argiades Pall. und ihre beziehungen zu den klimatischen faktoren ihrer verbreitungsgebiete. Münch. Ent. Gesell. Mitt. 33: 431-478. Dec. 15, 1943. Ref. 420 M922  
Includes 8 n. forms.
- 18129 MCDUNNOUGH, J. Results from an examination of geometrid types in the Cambridge Museum of Comparative Zoology. Canad. Ent. 77: 62-68. Apr. 1945. 421 C16
- 18130 MARSHALL, J. Phenothiazine in codling moth [Carpocapsa pomonella] control. Sci. Agr. 25: 546-550. May 1945. Ref. 7 Sc12
- 18131 \*MARTIN, K. Schmetterlinge von Madeira. Leyden. Rijks Mus. van Natuurlijke Hist. Zool. Meded. 23(1/2): 1-12. 1941. Ref. 410.9 L59
- 18132 MATHESON, C. Welsh records of Sphingidae (Lep.). Ent. Monthly Mag. 81: 187. Aug. 1945. 421 En86
- 18133 MONTE, O. Contra o bicho da abóbora [Diaphania nitidalis]. Chacaras e Quintais 71: 481. Apr. 15, 1945. 9.2 C34
- 18134 NG, Y. C. Notes on nine species of the Lymantriidae (Lepidoptera). Lingnan Sci. J. 21: 63-71. Aug. 15, 1945. 22.5 C16
- 18135 PATON, C. I. Cossus cossus fed on apples and potatoes. Entomologist 78: 108. July 1945. 421 En8
- 18136 PINTO DA FONSECA, J. A lagarta verde [Heliothis virescens] dos capulhos do algodoeiro. Biológico 9: 110-111. Apr. 1945. 442.8 B529
- 18137 PRELIMINARY attack on spruce budworm [Archips fumiferana] recently completed; problem being approached from various angles including spraying of 64,000 acres with DDT. Canada Lumberman 65(15): 10-11. Aug. 1, 1945. 99.81 C16  
Aiolane spraying.
- 18138 \*PUSSARD, P. Sur la présence de la teigne de la pomme de terre Phthorimaea (Gnorimoschema) operculella Zell. dans le département des Alpes-Maritimes. Acad. d'Agr. de France. Compt. Rend. 27: 1150-1156. Dec. 10/17, 1941. 14 P215Bc



- 18139 R.-S., W. Sale of the Willoughby-Ellis collection: First portion. Entomologist 78: 110-111. July 1945. 421 En8  
Collection of British Lepidoptera.
- 18140 \*RAMAKRISHNA AYYAR, T. V., and KRISHNAN, T. V. V. Two major insect pests, *Amsacta albistriga* and *Achaea janata*, of the Deccan. Madras Agr. J. 30: 150-156. May 1942. 22 M262
- 18141 RICHARDSON, H. B. Control of corn earworm [*Heliothis armigera*], with DDT. Calif. Cult. 92: 446-447. Aug. 18, 1945. 6 C12
- 18142 \*ROEPKE, W. On some new or little known Indo-Malayan noctuids (Lepidoptera Heterocera, family Agrotidae). Leyden. Rijks Mus. van Natuurlijke Hist. Zool. Meded. 23(1/2): 13-30. 1941. 410.9 L59  
New spp. and forms in: *Trisula*; *Acronycta*; *Heliothis*; *Phlegetonia*; *Athyra* 2; *Athyrmella* n. g.; *Serodes*; *Loboplasia* n. g.; *Calesiodes* n. g.; *Cyrtandra* n. g.
- 18143 SEAMANS, H. L., and ROCK, P. J. G. Starvation of the early instars of the pale western cutworm, *Agrotis orthogonia* Morr., and its use in the control of this pest. Canad. Ent. 77: 57-61. Apr. 1945. 421 C16
- 18144 \*SEVASTOPULO, D. G. The early stages of Indian Lepidoptera. Part XIII. Bombay. Nat. Hist. Soc. J. 45: 188-198. (Cont.) Apr. 1945. 513 B63
- 18145 SMITH, R. F., and LINSLEY, E. G. Migration of *Vanessa cardui* (Linn.). Pan-Pacific Ent. 21: 109. July 1945. 421 P193
- 18146 SMITH, S. G. The diagnosis of sex by means of heteropycnosis. Sci. Agr. 25: 566-571. May 1945. Ref. 7 Sci2  
*Archips fumiferana* used as test animal.
- 18147 TRAVASSOS, L. Contribuição ao conhecimento dos "Arctiidae". VII. (Lepidoptera, Heterocera). Rev. Bras. de Biol. 5(1): 117-123. Apr. 1945. 442.8 R326  
*Opharus* Walker; *Phegoptera* Boisduval.
- 18148 WARREN, B. C. S. Some notes on speciation in the genus *Boloria*. Entomologist 78: 100-103. July 1945. 421 En8
- 18149 WESTON, C. The atlas moth [*Attacus atlas*]. New Yorker 21(23): 17-20. July 21, 1945.
- 18150 WILBUR, D. A. Corn borers [*Diatraea grandiosella*, *Pyrausta nubilalis*]. Kans. State Bd. Agr. Rpt. 64(266): 97-110. Apr. 1945. 2 K13Re
- 18151 \*WYNTER-BLYTH, M. A. Additions to the list of Simla butterflies published in vol. XLI, No. 4. Bombay. Nat. Hist. Soc. J. 45: 256-257. Apr. 1945. 513 B63
- 18152 \*WYNTER-BLYTH, M. A. Description of a new dimorphic female of *Euripus consimilis consimilis* Wd. Bombay. Nat. Hist. Soc. J. 45: 257-258. Apr. 1945. 513 B63  
See also Sericulture and the Silkworm.

## ORTHOPTERA

- 18153 COLLINS, G. B. Some observations on macropterism in *Chorthippus parallelus* (Zett.) (Orth., Acrididae). Ent. Monthly Mag. 81: 179-182. Aug. 1945. 421 En86
- 18154 HEBARD, M. The species and races of *Hesperotettix* in Utah (Orthoptera: Acrididae, Cyrtacanthacridinae). Ent. News 56: 175-178. July 1945. 421 En88
- 18155 LIEBERMANN, J. Consideraciones sobre los campos invadidos por langostas o tucuras. Res 13: 17660-17662. July 5, 1945. 286.85 R31
- 18156 LIEBERMANN, J. Los ortópteros que dañan los cultivos cuzanos. Rev. Mens. B. A. P. 28(332): 77, 79-81, 83. July 1945. 9 R326
- 18157 MESA CARRIÓN, F. La "tucura" o langosta criolla es una plaga que merece especial atención de los agricultores. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 181. Apr. 12, 1945. 9.9 G15B
- 18158 \*MILA, L. La destruction des courtillières [*Gryllotalpa gryllotalpa*]. Rev. des Agr. de France 73: 238. Aug. 1941. 14 R325
- 18159 PFEIFFER, I. W. The influence of the corpora allata over the development of nymphal characters in the grasshopper *Melanoplus differentialis*. Conn. Acad. Arts and Sci. Trans. 36: 489-515. July 1945. Ref. 500 C76T
- 18160 \*RAMACHANDRA RAO, Y. The migratory locust [*Locusta migratoria*], in South India. Madras Agr. J. 31: 83-87. Mar. 1943. 22 M262  
Extracted from Presidential Address delivered at the 30th Indian Science Congress 1943.
- 18161 REHN, J. A. G., and REHN, J. W. H. Studies of certain cyrtacanthacridoid genera (Orthoptera: Acrididae). Part III. Amer. Ent. Soc. Trans. 71: 1-45. Mar./June 1945. 420 P53  
Includes 2 new spp. in *Buckellacris* n. g.
- 18162 \*ROONWAL, M. L. Presence of reddish pigment in eggs and ovarioles of the desert locust [*Schistocerca gregaria*], and its probable phase significance. Nature [London] 156(3949): 19. July 7, 1945. Ref. 472 N21
- 18163 SCHARER, B. Experimental tumors in an insect [*Leucophaea maderae*]. Science 102: 102. July 27, 1945. 470 Sci2
- 18164 WRIGHT, M., and SHOUP, C. S. Dragonfly nymphs from the Obey River drainage and adjacent streams in Tennessee. Tenn. Acad. Sci. J. 20: 266-278. July 1945. Ref. 500 T25A

## SERICULTURE AND THE SILKWORM

- 18165 ALMEIDA CASTRO, M. DE. O Departamento de Sericultura da Escola Superior de Agricultura de Pernambuco. Pernambuco (State). Sec. de Agr., Indus e Com. B. 11(3/4): 15-16. July/Dec. 1944. 9.2 P423
- 18166 BRAZIL. MINISTÉRIO DA AGRICULTURA. Guide-mos da sericultura. Orientação Econ. e Financ. 3 (33): 38-40. Feb. 1945. 280.8 O42
- 18167 \*CHIAROMONTE, A. Risultati di tre anni di esperimenti per la introduzione del baco della seta tussah (*Antheraea pernyi*, Guérin Méneville) in Toscana; (Nota preliminare). Agr. Colon. 37: 184-186. July 1943. 26 Ag82
- 18168 \*CIUCCI, L. Per il miglior raccolto dei bozzoli. Azione Vet. 10: 225-226. June 15, 1941. 41.8 Az3  
Discusses silkworm diseases.
- 18169 COMO prevenir las enfermedades del gusano de seda; la muscardina o calcino - la pebrina - flacidez, la macilencia y la palidez. Cam. Merc. de Prod. del País, Montevideo. Rev. Semanal 51(24): 6, 8, 11. June 22, 1945. 287 Ur82
- 18170 HARDY, E. Raw silk production in Palestine. Silk J. and Rayon World 21(255): 45, 47. Aug. 1945. 304.8 S13
- 18171 MIMS, E. M. Another way, time and place to lick the Japs; story of the budding silkworm industry in Palo Pinto County. West Tex. Today 26(1): 9, 25-26. Mar. 1945. 286.8 W522
- 18172 MOSS, R. Silk - promising new industry for Bahamas; successful experiment with Osigian mulberry foreshadows production for export to U. S. A. Crown Colonist 15: 536, 551. Aug. 1945. 280.8 C88
- 18173 PRODUCCIÓN de semillas de gusano de seda [*Bombyx mori*]. Chacra 15(175): 65. May 1945. 9 C34
- 18174 \*SECRÉTAIN, and SCHENK. Les chambres collectives d'incubation [*Bombyx mori*]. Acad. d'Agr. de France. Compt. Rend. 30: 50-52. Jan. 12/19, 1944. 14 P215Bc
- 18175 \*SECRÉTAIN, and SCHENK. Les élevages précoces et rapides de vers à soie [*Bombyx mori*]. Acad. d'Agr. de France. Compt. Rend. 30: 53-54. Jan. 1/19, 1944. 14 P215Bc



## SMALLER ORDERS

18176 BIANCHI, F. A. Introduction to the Thysanoptera of New Caledonia. Hawaiian Ent. Soc. Proc. (1944) 12: 249-278. 1945. 420 H312

Includes n. spp. and forms in: Gastrothrips; Sco-naethrips; Haplothrips; Dichaetothrips; Aeolothrips; Scirtothrips; Ensiferothrips n. g.; Taeniothrips; Isochaetothrips; Diarthrothrips.

18177 BIANCHI, F. A. Notes on Hawaiian Thysanoptera, with description of a new species [Taeniothrips cyperaceae]. Hawaiian Ent. Soc. Proc. (1944) 12: 279-286. 1945. 420 H312

18178 \*CHERIAN, M. C., and KYLASAM, M. S. Preliminary studies on the cardamom thrips (Taeniothrips cardamomi Ramk), and its control. Madras Agr. J. 29: 355-359. Sept. 1941. 22 M262

18179 EDMUNDS, G. F., JR. Ovoviviparous mayflies of the genus Callibaetis (Ephemeroptera: Baetidae). Ent. News 56: 169-171. July 1945. 421 En88

18180 \*RAMAKRISHNA AYYAR, T. V. The status and study of the insect group "Thysanoptera" in India. Madras Agr. J. 29: 439-441. Nov. 1941. 22 M262

18181 SAKIMURA, K., and KRAUSS, N. L. H. Collections of thrips from Kauai and Hawaii. Hawaiian Ent. Soc. Proc. (1944) 12: 319-331. 1945. Ref. 420 H312

18182 WHEELER, C. M., and DOUGLAS, J. R. Sylvatic plague studies. V. The determination of vector fleas; efficiency. J. Infect. Dis. 77: 1-12. July/Aug. 1945. 448.8 J821

18183 WYGODZINSKY, P. Contribuição ao conhecimento dos "Entotrophi" e "Thysanura" de Portugal. II. Família "Machilidae" (Thysanura). Rev. Bras. de Biol. 5(1): 69-80. Apr. 1945. 442.8 R326  
English summary.

18184 WYGODZINSKY, P. Sobre uma nova espécie de Plusiocampa [P. brasiliensis] (Entotrophi, Campodeidae) do Brasil. São Paulo (State). Dept. de Zool. Papéis Avulsos 4: 303-308. Aug. 31, 1944. 410.9 Sa63  
English summary.

Anoplura and Mallophaga

18185 AGUIERO, E. I. Un ectoparásito del cerdo. [Haematopinus suis]. Argentina. Dir. de Ganad. B. de Ganad. 1(6/7): 68-74. Mar./Apr. 1945. 49 B86

18186 ASCHNER, M., and MAGER, J. Evaluation of materials for louse [Pediculus humanus corporis] control. Ann. Appl. Biol. 32: 143-148. May 1945. 442.8 An72

18187 \*BOUVIER, G. Note sur quelques oeufs d'ectoparasites se rencontrant sur les animaux domestiques (Anoplura et Mallophaga) 2<sup>e</sup> note. Schweiz. Arch. f. Tierheilk. 87: 273-276. July 1945. 41.8 Sch9

18188 CARRIKER, M. A., JR. Studies in Neotropical Mallophaga (V). The lipeuroid forms of the new world "Galliformes." Part 2. Rev. Bras. de Biol. 5(1): 91-112. Apr. 1945. 442.8 R326  
New spp and forms in: Eiconolipeurus n. g. 9; Epicolinus n. g. 5.

18189 MORRIS, G. E. Pediculosis corporis and leg ulcers. New England J. Med. 233: 180. Aug. 9, 1945. 448.8 N442

Pediculus humanus corporis.

18190 WERNECK, F. L. O maléfago do urso dos Andes. Inst. Oswaldo Cruz Mem. 41: 257-261. Oct. 1944. 448.9 In74

Discusses Trichodectes ferrisi n. sp.

18191 WERNECK, F. L. Nota sobre Linognathus cervicaprae (Anoplura). Inst. Oswaldo Cruz Mem. 41: 233-235. Oct. 1944. 448.9 In74

States that Linognathus cervicaprae Fahrenholz (not Lucas) is a synonym of L. tibialis (Piaget).

AGRICULTURAL ENGINEERING

## GENERAL

18192 BARBER, G. T. Electric fencing! Family Herald and Weekly Star 76(35): 7, 9. Aug. 29, 1945. 7 F21

18193 BROWN, T. Safeguarding mechanized farming. Farm Mech. and Equip., No. 1940, p.11. Aug. 1945. 58.8 F225

18194 HAMILTON, C. L. Plant 1945 crops safely. Kraftsmen, Prod. Ed. 3(2): 10-11. Mar./Apr. 1945. 44.8 K85

18195 POSTERMAN, W. H. How to stock those holes. Successful Farming 43(9): 104. Sept. 1945. 6 Su12

18196 KIRK, C. Forest fire fighting tools useful in Missouri. Mo. Conserv. 6(8): 10-11. Aug. 1945. 279.8 M69

18197 LASSALLE, L. J. Problems and policies ahead for the land-grant colleges in industrial research and engineering extension. Assoc. Land-Grant Col. and U. Proc. (1944) 58: 57-60. 4 As7

18198 \*MEISNER. Rechtzeitige heuernte. Landesbauernschaft Moselland. Wchnbl., No. 22, p. 321. May 29, 1943. 18 L2328

18199 LETCALF, W. Farm fire prevention effective in California. Ext. Serv. Rev. 16: 114. Aug. 1945. 1 Ex892Ex

18200 NEAL, J. H. Who said, "don't fence me in?" Good fences may pay full cost in short time. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(9): 47. Sept. 1945. 6 P945G

18201 PECK, H. Electric fence is my hired man. Successful Farming 43(9): 30-33. Sept. 1945. 6 Su12

18202 RUSH, J. D. National farm safety week. Agr. Situation 29(7): 22-23. July 1945. 1 Ec7Ag

18203 RUSSELL, M. B. A portable runoff measuring device. Amer. Soc. Agron. J. 37: 589-594. Aug. 1945. 4 Am34P

18204 \*SCH. Wie setzt man getreideschober? Landesbauernschaft Moselland. Wchnbl., No. 28, p. 301-302. July 8, 1944. 18 L2328

18205 SCHAPHORST, W. F. Valuable painting kinks. Amer. Agr. 142: 348. Aug. 18, 1945. 6 Am3

18206 \*SCHENK, H. Die heuernte. Landesbauernschaft Moselland. Wchnbl., No. 24, p. 346. June 12, 1943. 18 L2328

18207 SHAEFFER, M. Easy does it the safe way. What's New in Home Econ. 9(10): 24-25, 112. June 1945. 321.8 W55

18208 SPANTON, W. T. Teaching farm safety. Agr. Ed. Des Moines, 18(3): 34. Sept. 1945. 275.8 Ag8

18209 WISCONSIN. STATE MEDICAL SOCIETY. COMMITTEE ON HEALTH AND PUBLIC INSTRUCTION. Wisconsin doctors say farms are dangerous. Wis. Agr. and Farmer 72(17): 15. Sept. 1, 1945. 6 W751

## FARM MACHINERY

General

18210 ALOISI SOBRINHO, J. Despolpamento. III. Pequenos produtores. São Paulo (State). Supt. dos Serv. do Café. B. 20: 140-147. Feb. 1945. 68.29 Sa63

18211 ANDAL, M. E., and NEILSON, J. D. Farm machinery trends in Saskatchewan. Econ. Annal. 15(3): 67-71. Aug. 1945. 280.8 Ec75

18212 \*BALAKRISHNAN NAYAR, M. The artisan's share in agricultural production. Madras Agr. J. 29: 434-438. Nov. 1941. 22 M262

Implements in Indian agriculture.

18213 BLACK, J. J. Machinery on the smallholding. Field 185: 654. June 30, 1945. 10 F45

18214 BLACK, J. J. Mechanising the smallholding. Field 186: 69. July 21, 1945. 10 F45



- 18215 BRAZELTON, J. S. Hear about speed sprayer Kans. Farmer 82(3): 4. Feb. 3, 1945. 6 K13
- 18216 BROWN, J. B. Farm machinery co-op. activities move ahead. Manitoba Co-op. 3(1): 2. Aug. 1, 1945. 280.28 M31
- 18217 BUTLER, E. Chopping cotton with fire - burning the grass out of the fields. Prog. Farmer, Miss.- Ark.- La. Ed. 60(9): 12, 52. Sept. 1945. 6 So81
- Equipment for burning weeds.
- 18218 CANTERBURY AGRICULTURAL COLLEGE. Blacksmithing tools and methods. Canterbury Chamber Com. Agr. B. 192, 4 p. Christchurch, 1945. 23 C162
- 18219 CARVAJALINO JACOME, L. J. Maquinaria agricola pequena. Agr. Mex. 61(3): 8-18. Mar./Apr. 1945. 8 Ag8
- 18220 \*COUPAN, G. La réparation des machines agricoles. Rev. des Agr. de France 75: 67-68. May 1943. 14 R325
- 18221 CULLITY, M., and TOBIN, C. W. Bulldozer demonstrations. Clearing virgin country in south-coastal areas. West. Austral. Dept. Agr. J. 22: 75-77. Mar. 1945. 23 W52J
- 18222 DRUCE, P. C. Recent investigations into farm machinery costs. Rev. Mtg. and Agr. Econ. 13(1): 3-8. Jan. 1945. 286.8 N47M
- 18223 EMERSON, A. W. Better agricultural equipment through demonstration. Impl. & Tractor 60(16): 28-29, 66, 68. Aug. 11, 1945. 58.8 W41
- 18224 FOSTER, W. S. He doesn't cut his bales. Farm and Ranch 64(9): 34. Sept. 1945. 6 T31
- Cotton bales compressors.
- 18225 \*GIRARD, H. Description de la poudreuse laureau pour le traitement des pommes de terre construite par les établissements gougis, à Auneau (E.-et-L.). Acad. d'Agr. de France. Compt. Rend. 27: 942-943. Oct. 29/Nov. 5, 1941. 14P215Bc
- 18226 GOWDER, M. T. Hitching a horse-drawn mower to a tractor. South. Agr. 75(8): 8. Aug. 1945. 6 So83
- 18227 GUZMAN, D. A. Un mejor uso de la maquinaria agricola. Rev. Mac. de Agr. [Bogotá] 39(489): 31. June 1945. 9.4 R32
- 18228 HANCOCK, J. K. Successful management. Impl. & Tractor 60(16): 30-31, 56. Aug. 11, 1945. 58.8 W41
- 18229 HITCH, D. L. Don't feed the time hog. Ariz. Farmer 24(16): 21. Aug. 25, 1945. 6 Ar44
- Value of equipment.
- 18230 HORNIBROOK, H. G. The post-war outlook for the farm equipment dealer. Impl. & Tractor 60(17): 58-60. Aug. 25, 1945. 58.8 W41
- 18231 KAPLAN, A. R. "Pull and push" preserve parts: proper pulling equipment enables mechanics to exert necessary pressure without injury to precision parts. Farm Mach. and Equip., No. 1940, p.14. Aug. 1945. 58.8 F225
- 18232 MCCALL, R. J. Care and maintenance of spray equipment. Natl. Shade Tree Conf. Proc. (1944) 20: 27-32. 99.9 N218
- 18233 MASSEY, G. F. Proving that it is possible to carry water on both shoulders. Farm Impl. News 66(18): 28-29. Aug. 30, 1945. 58.8 F22
- Testing of farm equipment.
- 18234 NICHOLSON, A. New weapons to battle bugs. Country Gent. 115(9): 15, 40-42. Sept. 1945. 6 C833
- 18235 P., D. H. Development [of farm machinery] not deferment. Farmer & Stock-Breeder 59: 1151. July 24, 1945. 10 F228
- 18236 PORTER, J. C. Three-day return limit on parts. Farm Impl. News 66(18): 39. Aug. 30, 1945. 58.8 F22
- Returning repair parts on farm equipment.
- 18237 RASCHE, W. H. The gear-wheel pump: a displacement-force analysis. Va. Polytech. Inst., Engin. Expt. Sta. Ser. 61, 19 p. Blacksburg, 1945. 290.9 V812
- 18238 RIEPMA, S. Surplus property for farmers. Agr. Situation 29(7): 13-14. July 1945. 1 Ec7Ag
- Farm equipment.
- 18239 SANTELICES, J. M. Precauciones para guardar y conservar la maquinaria agricola. Campesino [Santiago] 76: 319-320. June 1945. 9.3 So12
- 18240 SCHAPHORST, W. F. Endless belts from old inner tubes. Amer. Agr. 142: 347. Aug. 18, 1945. 6 Am3
- 18241 SHEFFINGTON, L. B. Potato growers see new machinery. Amer. Agr. 142: 361. Sept. 1, 1945. 6 Am3
- 18242 SHEPARDSON, E. S. Spray rinses. Better Farms 6(6): 3. Aug. 15, 1945. 6 B462
- Cooperative use of equipment.
- 18243 SHIMKUS, D. G. Home front helpers. Mich. Farmer 205(5): 5, 22. Sept. 1, 1945. 6 M58
- Equipment.
- 18244 STARR, D. F. Use of a double-nozzled spray apparatus for the application of DDT or oils. Science 102: 156-157. Aug. 10, 1945. 470 Sci2
- 18245 TEBB, C. P. Devonport [Tasmania] agricultural machinery pool. Food Front 2(3): 24-30. June 1945. 281.8 F73
- 18246 \*TH., R. Wenn die schraube nicht locker wird. Landesbauernschaft Moselland. Wchnbl., No. 35, p. 456. Aug. 28, 1943. 18 L2328
- 18247 \*THEBIS, R. Treibriemen richtig behandeln! Landesbauernschaft Moselland. Wchnbl., No. 31, p. 408 July 31, 1945. 18 L2328
- 18248 WETZEL, G. F. Care and use of drills. Impl. & Tractor 60(16): 53, 55-56. Aug. 11, 1945. 58.8 W41
- 18249 WILD, A. S. Machinery pools in western Australia. Food Front 1(4): 23. Sept. 1944. 281.8 F73
- 18250 WPB REPORTS farm equipment production. Farm Impl. News 66(18): 35-36. Aug. 30, 1945. 58.8 F22

#### Tillage Machinery

- 18251 GARLETON, W. M., and MARTIN, J. W. Sharpening and hard-surfacing plow and lister shares. Kans. Engin. Expt. Sta. B. 44, 40 p. Manhattan, 1945. 290.9 K132
- 18252 MCHARDY, D. N. How to plough with tractors. Power Farmer P., No.2, 20 p. Reading, Eng., n.d. 58.9 P87
- 18253 \*THEBIS, R. Instandsetzung der pflüge. Landesbauernschaft Moselland. Wchnbl. 3: 337. Aug. 5, 1944. 18 L2328

#### Planting Machines and Fertilizer Distributors

- 18254 A LIQUID manure spreader. New Zeal. Dairy Exporter 20(11): 12-13. July 2, 1945. 44.8 N484

#### Harvesting, Threshing, Drying, and Processing Equipment

- 18255 ALSTRUP, G. L. Mechanical milker assists in preventing contamination. - Ontario Milk Prod. 21: 66-67. Aug. 1945. 44.8 On8
- 18256 BASKERVILL, W. H., and WAMBLE, A. C. Determination of economically-optimum pressing times for hydraulic press extraction of cottonseed oil. Oil Mill Gazetteer 50(2): 32-40. Aug. 1945. 307.8 O153
- 18257 CARNES, H. F. Automatic feed control for feed grinders. Agr. Engin. 26: 325-326, 330. Aug. 1945. 58.8 Ag83
- 18258 COLNETT, A. Spare the cooler, spoil the milk. Farmer & Stock-Breeder 59: 1169. July 24, 1945. 10 F228



- 18259 CRAWLEY, B. "Rose & Crown" discussion group: this time their subject was binder breakdowns and spare parts. *Farmers Weekly* [London] 23(4): 29. July 27, 1945. 10 F2226
- 18260 ELMERSON, A. W. Equipment for processing and cleaning seed locally. *Farm Impl. News* 66(17): 28-30. Aug. 16, 1945. 58.8 F32
- 18261 FERNÁNDEZ, R. J. P. Estudio preliminar de un nuevo sistema mecanizado de siembra y cultivo de la caña de azúcar en Costa Rica. *Inst. de Defensa del Café de Costa Rica. Rev.* 15: 209-222. Apr./May 1945. 68.28 C82
- 18262 GERDES, F. L. Mechanization: its relation to cotton quality and marketing. (Abs.) *Cotton and Cotton Oil Press* 46(16): 5-6. Aug. 11, 1945. 304.3 C822
- 18263 \*GILLIES, A. S., and NODDER, C. R. The preparation and spinning of flax on jute machinery. *Indian Central Jute Com. Technol. Res. Pam.* 1, 7 p. Calcutta, 1944. 73.39 In26T
- 18264 HEIGHWAY, P. Arcady Mill [Riverdale, Ill.], ready for "tomorrow's feed" - today. *Amer. Miller and Processor* 73(8): 72-74. Aug. 1945. 298.8 Am32
- 18265 HOPSON, G. H. Pre-rinsing for a clean milker. *De Laval Monthly* 39(4): 5, 13. July/Aug. 1945. 44.8 D37
- 18266 HOVELAND, N. Haymaking revolution. *Kraftsman, Prod. Ed.* 3(2): 3-5. Mar./Apr. 1945. 44.8 K85
- 18267 \*HU. Felddrusch, wann und wie? Landesbauernschaft Moselland. *Wchnbl.*, No. 31, p. 405. July 31, 1945. 18 L2328
- 18268 \*HU. Schutz der ernte vor brandschaden. Landesbauernschaft Moselland. *Wchnbl.*, No. 26, p. 368. June 26, 1943. 18 L2328
- 18269 INGLIS, J. Churns v. tankers for bulk haulage. *Milk Indus.* 26(2): 37, 39, 41. Aug. 1945. 44.8 M593
- 18270 JACOBSEN, D. H. Sanitation in dairy plants. *Milk Dealer* 34(11): 115-120. Aug. 1945. 44.8 M595
- 18271 \*KARUNARATNE, C. R. Roller for threshing. *Trop. Agr.* [Ceylon] 100: 169-170. July/Sept. 1944. 26 T751
- 18272 KIK, M. C. The Earle rice peeler. *Rice J.* 48(8): 6-7, 27. Aug. 1945. 59.8 R36
- 18273 KOCK, A. A. DE. Care of milking machines. *Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser.* 132, 2 p. Pretoria, 1945. 24 So82Pa
- 18274 LEBRUN, E. J. Various methods of haying checked. *R. I. State Col. Ext. Better Rural Life* 6(8): 1-2. Aug. 1945. 275.29 R34B
- Equipment.
- 18275 LEES, A. B. British machines for corn growers - a new implement for dealing with combine straw. *Farmer & Stock-Breeder* 59: 1277. Aug. 14, 1945. 10 F228
- 18276 LEES, A. B. Four-way grain drying: new vertical drier distributes air from all four sides. *Farmer & Stock-Breeder* 59: 1159. July 24, 1945. 10 F228
- 18277 MASTERMAN, N. K. Using the home freezer. *Part II. Quick Frozen Foods* 8(1): 94-95. Aug. 1945. 389.8 Q4
- 18278 MILEY, D. G. Large, modern gins more profitable, better job of ginning, survey shows. *Miss. Farm Res.* [Miss. Sta.] 8(8): 2. Aug. 1945. 100 M69M1
- 18279 MORRIS, D. J. Making hay while it rains possible with barn haydrier. *Coastal Cattleman* 11(7): 7-9. Sept. 1945. 43.8 C63
- 18280 NATIONAL INSTITUTE OF AGRICULTURAL ENGINEERING. Avoiding binder knottier troubles. *Gt. Brit. Min. Agr. Agriculture* 52: 183. July 1945. 10 G79J
- 18281 NATIONAL JOINT INDUSTRIAL COUNCIL FOR THE FLOUR MILLING INDUSTRY. Annual report, 26, 1944/45. 64 p. London, 1945. 298.9 N21
- 18282 \*P., M. C. Una nueva maquina para empacar el heno. *Surco* [Madrid] 4(39): 9-10. May 1945. 15 Su7
- 18283 RAMBO, E. K. Barn hay drier. *Ark. Farmer* 47(8): 10-11. Aug. 1945. 6 Ar42
- 18284 REA, H. E. New methods with winter legumes for the Blacklands. *Frog. Farmer, Tex. Ed.* 60(9): 12, 47. Sept. 1945. 6 T311
- Equipment.
- 18285 SCHAENZER, J. P. Engineering farm refrigeration. *Agr. Engin.* 26: 317-320. Aug. 1945. 58.8 Ag83
- 18286 SEVERSON, H. Robots in the cotton field: mechanized harvesters are making good with the cotton farmers. *South. Agr.* 75(9): 13. Sept. 1945. 6 So83
- 18287 SHOLLENBERGER, J. H. Background notes on middle-east milling. *Amer. Miller and Processor* 73(8): 39, 70. Aug. 1945. 298.8 Am32
- Equipment.
- 18288 \*SWAMI RAO, R., and RANGASWAMY, S. A plea for the use of wooden grinder rice. *Madras Agr. J.* 31: 82-83. Mar. 1943. 22 M262
- 18289 \*TH., R. Ist die dreschmaschine in ordnung? Landesbauernschaft Moselland. *Wchnbl.*, No. 33, p. 432. Aug. 14, 1943. 18 L2328
- 18290 WILEMAN, R. H. Mow curing of hay. *Ind. State Dairy Assoc. Ann. Rpt.* (1945) 55: 26-32. 44.9 In22
- 18291 WILEMAN, R. H., and SHIPMAN, R. C. Planning a mow hay curing system. *Ind. State Dairy Assoc. Ann. Rpt.* (1945) 55: 32-34. 44.9 In22
- Trucks, Tractors, and Other Farm Power (Including Fuels)
- 18292 \*BALLU, T. Situation actuelle des gazo-gènes. *Rev. des Agr. de France* 73: 20-21. Jan. 1941. 14 R325
- 18293 \*BALLU, T. Les tracteurs agricoles a gazo-gènes. *Rev. des Agr. de France* 74: 223. Dec. 1942. 14 R325
- 18294 C., F. R. More about wind power. *Countryman* 31: 209-210. Summer 1945. 281.28 C832
- 18295 C., W. R. Early power farming experiments in N. S. W. Tests with steam engines. *Land* [Sydney], No. 1751, p. 12. June 22, 1945. 23 L22
- 18296 \*COUPAN, G. Emploi rationnel du moteur électrique en agriculture. *Rev. des Agr. de France* 75: 119-120. Aug. 1943. 14 R325
- 18297 \*ERICSSON, E. Traktorbolag. *Lantmannen* 29: 580-581. June 23, 1945. 11 L234
- Cooperative use of tractors on small farms in Sweden.
- 18298 \*GONCHARENKO, I. A. Ispol'zovat' vsiu moshechnost' traktorov [To utilize the full power of tractors]. *Sovkhoz. Proizvod.* 5(3): 44-46. Mar. 1945. 20 So85
- 18299 HUNT, W. J. Easily loaded fodder wagon. *Successful Farming* 43(9): 39. Sept. 1945. 6 Su12
- 18300 \*KULIK, M. Elektroosveshchenie na traktorakh pri dvukhsmennoi rabote [Electric-lighting of tractors in two-shift work]. *Sovkhoz. Proizvod.* 5(3): 38-43. Mar. 1945. 20 So85
- 18301 MCHARDY, D. N. How your tractor works. *Power Farmer P.*, No. 1, 18 p. Reading, Eng., n.d. 58.9 P87
- 18302 MAY, J. They are ingenious - but they are not tractors. *Farmers Weekly* [London] 23(4): 31. July 27, 1945. 10 F2226
- Automobile conversion.
- 18303 MORRIS, D. J. Civilian-farm jeep now in production. *Acco Press* 23(8): 8-10, 12. Aug. 1945. 6 Ac2



18304 MORRIS, D. J. The post-war version of the military "jeep." Tex. Livestock J. 4(8): 7. (To be cont.) Aug. 1945. 49 T29

18305 NATIONAL INSTITUTE OF AGRICULTURAL ENGINEERING. Liquid ballast for pneumatic tyres. Gt. Brit. Min. Agr. Agriculture 52: 233-234. Aug. 1945. 10 G79J

18306 OCHOA, H. Los tractores de la hacienda. Agr. Trop. 1(3): 43-44; (4): 45-47. (Cont.) Apr., May 1945. 26 Ag8

18307 \*PANUNZI, U. Gli oli vegetali utilizzati come carburanti nei motori. Olivicoltura 20(1): 1-6. Jan. 1943. 80 OL4

18308 PEEL, P. W. Ball bearings: installation and care. Power Farmer 5: 152-153. Aug. 1945. 58.8 P872

Tractor maintenance.

18309 PEEL, P. W. Spark plug maintenance. Essential care for successful operation [of tractors]. Power Farmer 5: 132-133. July 1945. 58.8 P872

18310 SHIDAKTER, W. Engine sludge in motor oils. Ohio Farm Bur. News 25(2): 20. Sept. 1945. 6 Oh34

18311 \*TH., R. Pflege den elektromotor. Landesbauernschaft Moselland. Wchnbl., No. 35, p. 458. Aug. 28, 1943. 18 L2328

18312 \*VOGEL. Umändern des viertaktschleppers für SDKI. Landesbauernschaft Moselland. Wchnbl., No. 22, p. 320. May 29, 1943. 18 L2328

18313 \*VOGEL, W. Umändern des bulldogmotors für SDKI. Landesbauernschaft Moselland. Wchnbl., No. 21, p. 309. May 22, 1943. 18 L2328

#### FARM STRUCTURES

##### General

18314 KAISER, W. G. Check sabotage by rats. Farmers Guide 101(16): 14. Aug. 15, 1945. 6 In2

18315 MILLER, M. L. Building repairs important fall job. Ky. Farmer's Home J. 81(9): 15, 23. Sept. 1945. 6 F2237

18316 PANAMA. DEPARTAMENTO DE SANIDAD. Instrucciones para la construcción de casetas alambradas para ventas de carnes y aves frescas en lugares donde no existen mercados públicos o privados. Panama. Min. de Agr. y Com. Rev. de Agr. y Com. 4(46): 32-38. June 1945. 8 R3291

18317 PORTLAND CEMENT ASSOCIATION. Design for a barbecue pit. West. Livestock J. 23(49): 42. Aug. 1945. 6 F2278

18318 REED, C. O. Economical and convenient farm buildings are attainable. Farmers Guide 101(16): 16. Aug. 15, 1945. 6 In2

18319 VAN VLACK, C. H. Farm improvements . . . when and what? Iowa Farm Econ. 11(8): 12-14. Aug. 1945. 275.28 I092

##### Farmhouses

18320 BARBER, W. E. A rural reconditioning campaign: the need for a new act. Country Life [London] 108: 72-73. (To be cont.) July 13, 1945. 80 C83

Farmhouse repair.

18321 \*BARTOLOZZI, E. Case rurali nell'Africa orientale Italiana. Agr. Colon. 34: 153-157. Apr. 1940. 26 Ag82

18322 BUNNING, W. Australian prefabrication. Country Life [Sydney] 56(47): 16. June 8, 1945. 286.85 Sy2

18323 BUNNING, W. Remodelling interiors [of farmhouses]. Country Life [Sydney] 56(51): 18. July 6, 1945. 286.85 Sy2

18324 \*ERIKSSON, G. Landsbygdens bostadsvanor kartläggas. Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige 15(21): 3. May 26, 1945. 11 J762

Housing habits in rural Sweden.

18325 HINCHCLIFF, K. A house is no better than its roof. Prog. Farmer, Tex. Ed. 60(9): 24-25. Sept. 1945. 6 T311

18326 JOHNSON, E. G. These are Cass County [Nebraska] homes. Nebr. Farmer 87(16): 1, 19. Aug. 18, 1945. 6 N27

18327 MELVILLE-MESS, T. R. Farm homes gradually improving with modern conveniences. Saskatchewan Farmer 36(15): 1. Aug. 1, 1945. 7 S274

18328 ROSS, D. Big three musts in farm homes. Miss. Val. Lumberman 75(32): 8, 25. Aug. 10, 1945. 99.81 M69

18329 ROWE, B. M. Planned for good living. Farmer [St. Paul], Gen. Ed. 63(17): 7. Sept. 1, 1945. 6 F2211

Remodeling farmhouse.

18330 SMITH, J. F. Southern farm house. Country Gent. 115(9): 11-12. Sept. 1945. 6 C833

##### Service Buildings

18331 BENNETT, J. We must standardise poultry housing. Poultry Farmer [London] 113(2926): 3; (2927): 3. (Concl.) July 20, 27, 1945. 47.8 F312

18332 BROADBENT, V. V. Inside the [poultry] house. Poultry Farmer [London] 113(2924): 7. (To be cont.) July 6, 1945. 47.8 F312

18333 BROADBENT, V. V. Making the [poultry] run. Poultry Farmer [London] 113(2926): 6. (To be cont.) July 20, 1945. 47.8 F312

18334 BROOKS, E. W. For the savage sow - a crate. Farmer & Stock-Breeder 59: 1210. July 31, 1945. 10 F228

18335 COLLINS, H. Feed and water [poultry] from outside. Poultry Farmer [London] 113(2926): 7. July 20, 1945. 47.8 F312

18336 COLLINSON, H. Shortage holds up poultry-house expansion. Smallholder 73(1843): 12. July 13, 1945. 10 Sml

18337 COLLINSON, H. Too much food is wasted; faulty utensils are often to blame. Mod. Poultry Keeping 53: 41. July 18, 1945. 47.8 Eg3

18338 CORLETT, D. Make your own [poultry] hurdles. Poultry Farmer [London] 113(2924): 6. July 6, 1945. 47.8 F312

18339 CRESSWELL, G. My broodies can't tread on chicks. Poultry Farmer [London] 113(2924): 9. July 6, 1945. 47.8 F312

18340 CRESSWELL, G. Mystery of floor and perch eggs. Poultry Farmer [London] 113(2929): 6-7. Aug. 10, 1945. 47.8 F312

18341 HARRINGTON, W. C. Build strong poultry houses. Canad. Poultry Rev. 69(9): 6-7. Sept. 1945. 47.8 C16

18342 HARRISON, L. Now you may want a home workshop. Farmers Fed. News 26(1): 18. Sept. 1945. 280.28 F225

18343 HEATH, O. V. S., and WHITCHER, E. J. A simple automatic window-opening device for temperature control in greenhouses. Ann. Appl. Biol. 32: 173-176. May 1945. 442.8 An72

18344 \*HOLMQUIST, N. Några synpunkter på ventilationsanläggningars utfrående [Some views on the construction of ventilation systems]. Lantmannen 29: 487-489. May 26, 1945. 11 L234

Directions for stable ventilation.

18345 HORTON, D. H. Housing the pullets. Amer. Poultry J. 76(9): 3, 15-17. Sept. 1945. 47.8 Am32

18346 HOWLAND, J. A. Home workshops. Pa. Farmer 133: 62-63. Aug. 11, 1945. 6 P383

18347 HUNT, W. J. Shed rafter design saves material. Successful Farming 43(9): 43. Sept. 1945. 6 Su12

18348 \*KAEMPFER. Verdunkelung der wohn- und stallgebäude. Landesbauernschaft Moselland. Wchnbl. 3: 349. (To be cont.) Aug. 12, 1944. 18 L2328



18349 LACKLAND, S. B. Building and using coop walks. Installing a properly prepared floor, providing for good ventilation in all climates and installing the cock perch. Part 2. Grit and Steel 47, 1.e. 45(5): 20-21. Sept. 1945. 47.8 G88

18350 LODGE, C. Laying house repair and improvement. Poultry Farmer [London] 113(2929): 7. Aug. 10, 1945. 47.8 F312

18351 LOSKY, R. F. La cría del pavo. Rev. Nac. de Agr. [Bogotá] 39(487): 50-51. Mar. 1945. 9.4 R32

18352 MABERLY, T. E. Establishing shops on farms. Agr. Ed. [Des Moines] 18(3): 35. Sept. 1945. 275.8 Ag8

18353 MOORE, A. C. Overcoming the house shortage. Poultry [London] 97: 38. July 17, 1945. 47.8 P869

18354 NEWMAN, T. Baby chicks need warmth - and fresh air. Mod. Poultry Keeping 53: 118-119. Aug. 15, 1945. 47.8 Eg3

Importance of ventilation.

18355 PARISH, A. J. Drooping wings: hot weather is the usual cause, look to the ventilation. Poultry World 77: 44. July 27, 1945. 47.8 P8682

18356 POSEY, R. S. Planning small poultry houses. Poultry Press 31(20): 1-2. Aug. 9, 1945. 47.8 P8643

18357 RAIMO, H. F. Considerações técnicas sobre os galinheiros fixos para poedeiras. Rev. dos Criadores 16(6): 53-57. June 1945. 43.8 R32

18358 ROBERTSON, E. I. Range shelter for pullets. Successful Farming 43(9): 55. Sept. 1945. 6 Sul2

18359 RODRÍQUEZ, D. R. Construcción de un palomar para palomas mensajeras. Mundo Avíc. 7(88): 52. July 1945. 47.8 M92

18360 RUMLER, R. Poultry litter chute. Successful Farming 43(9): 39. Sept. 1945. 6 Sul2

18361 SARASQUETA, P. A. DE. Sobre la incubación artificial. Mundo Avíc. 7(89): 10-12, 32. July 1945. 47.8 M92

Incubator operation.

18362 SIMMONS, C. Some interesting "angles." Pacific Rural Press, North. Ed. 150: 109. Aug. 18, 1945. 6 Fl12

Poultry equipment.

18363 TURNILL, L. Feeding and watering [equipment]. Poultry Farmer [London] 113(2926): 3. July 20, 1945. 47.8 F312

18364 \*VELAT, F. L'hygiène de la ferrure. Rev. des Agr. de France 74: 135-136. June 1942. 14 R326

18365 WOLFF, E. Blacksmith shop on wheels. Family Herald and Weekly Star 76(32): 11. Aug. 8, 1945. 7 F21

18366 WORTHINGTON, J. Mending and contriving [poultry houses]. Poultry Farmer [London] 113(2929): 6. Aug. 10, 1945. 47.8 F312

#### Storage Structures

18367 \*AGUIRRE ANDRES, J. Un estercolero poco conocido. Surco [Madrid] 4(39): 7-8. May 1945. 15 Su7

Storage structure for farm manure, designed especially for conservation of liquid manure.

18368 AMUNDSON, L. R. Determination of band stresses and lateral wheat pressures for a cylindrical grain bin. Agr. Engin. 26: 321-324. Aug. 1945. 58.8 Ag83

18369 CARTER, D. G., and HINCHCLIFF, K. Beating jack frost. Breeder's Gaz. 110(8): 12, 24. Sept. 1945. 49 B74

Trench silos.

18370 DAIL, H. M. A cellar for keeps. Successful Farming 43(9): 60. Sept. 1945. 6 Sul2

18371 LANG, H. K. Hastings, Nebraska, [locker] plant expands again. Locker Operator 6(11): 20, 22. June 1945. 295.8 L79

18372 MATTINGLEY, G. H. "Pitting" potatoes. Victoria Dept. Agr. J. 43: 289-290. July 1945. 23 V66J

Pit silos.

18373 MITCHELL, T. Community refrigeration centers. South. Power and Indus. 63(8): 62-63, 71. Aug. 1945. 291.8 So8

18374 MYERS, J. M. Farmer co-op opens modern plant. Locker Operator 6(11): 10-11, 13, 32-35, 50. June 1945. 295.8 L79

Locker plant layout.

18375 RANKIN, J. D. The portable grain elevator-conveyor. Agr. Engin. 26: 320, 330. Aug. 1945. 58.8 Ag83

#### Farm Utilities

18376 BLANCHET, J. Un autre domaine coopératif. Terre de Chez Nous 17(46, 1. e. 45): 7. Aug. 15, 1945. 7 T27

Rural electrification.

18377 BROWN, G. S. Now we laugh at chimney fires. New England Homestead 118(15): 9. Aug. 11, 1945. 6 N442

Water system.

18378 C., A. Running water on the farm. Rural New-Yorker 104: 385. Sept. 1, 1945. 6 R88

18379 EDMONDS, A. G. Rural electrification. Food Front 2(1): 24-27. Dec. 1944. 281.8 F73

18380 GANCI O., S. Iluminación artificial de gallineros. Campesino [Santiago] 76: 321. June 1945. 9.3 Sol2

18381 HARTOGENSIS, H. A high-powered dairy. South. Agr. 75(9): 10. Sept. 1945. 6 So83

Use of electricity and equipment.

18382 JOHNSON, O. The lights of home: select the fixture to suit the room. Farmer [St. Paul]. Gen. Ed. 63(16): 16. Aug. 18, 1945. 6 F2211

18383 KILMISTER, L. M. Sewage disposal. West. Farm Leader 10(14): 13. July 20, 1945. 280.28 W52

18384 \*KURIYAN, G. Hydroelectric power in India—a geographical analysis. Indian Geog. Soc. Monog. 1, 72 p. Madras, 1945. 330.9 In25

18385 LINE, N. Electricity: is it worth while on poultry farms? Poultry Farmer [London] 113(2927): 3. July 27, 1945. 47.8 F312

18386 MOIRANO, A. A. El congreso de cooperativas de electricidad de Cordoba. Copecarril 20(241): 22-24. July 1945. 280.28 C7862

18387 RUSSELL, P. R. Postwar rural electrification will boost southern business and industry. South. Canner and Packer 6(7): 12. July 1945. 389.8 So82

18388 \*SAHA, N. C. Utilization of electrical energy in India. Sci. and Cult. 10: 517-519. June 1945. 475 Sci24

18389 SMITH, J. L. More rural telephones in the future. Farmers Fed. News 26(1): 17. Sept. 1945. 280.28 F225

18390 \*SUKHAREVSKII, B. rervyi plan velikikh rabot (k 25-letiiu plana GOELRO) [First plan of great works (on the 25th anniversary of the plan of the State Commission for the Electrification of Russia)]. Planovoe Khoz., No. 1, p. 43-55. 1945. 280.8 P69

Policies of the Gosudarstvennaia Komissia po Elektrifikatsii Rossii for electrification of Russia including rural communities.

18391 THOMAS, G. Electrification of North-west. Country Life [Sydney] 56(50): 11. June 29, 1945. 286.85 Sy2

18392 WATKINS, B. O., and ROTHPLETZ, M. W. How to determine voltage drop on rural lines. Elect. World 124(7): 130. Aug. 18, 1945. 335.8 El2



AGRICULTURAL PRODUCTS: PROCESSING,  
DISTRIBUTION, AND STATISTICS

GENERAL

- 18393 AMERY, W. B. Britain's grim food ordeal; six winters of rationing. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 1-3. Mar. 1945. 23 W52J
- 18394 AMERY, W. B. Food to finish the job. Food Front 1(4): 1. Sept. 1944. 281.8 F73
- Importance of increased food production for Australia.
- 18395 ANDERSON, C. P. Facts on food are essential; Secretary's message to crop reporters. Agr. Situation 29(8): 2. Aug. 1945. 1 Ec7Ag
- 18396 ARNAUDI, C. Il tecnico agricolo nelle industrie alimentari. Avanguardia Rurale 11: 83-85. May/June 1940. 16 Av1
- 18397 BAGGE, F. Produktions- och avsättningsförhållandena för jordbrukets produkter under 1:a kvartalet 1945. Lantmannen 29: 464-467. May 19, 1945. 11 L234
- Production and marketing of agricultural products in Sweden, Jan.-Mar. 1945.
- 18398 BAZÁN, A. Los países de América: presente y futuro del Perú. Chacra 15(177): 80-81. July 1945. 9 C34
- Notes agricultural products of Peru.
- 18399 BRISTER, W. C. Producción de alimentos en el Hemisferio Occidental; programa cooperativo. Pan Amer. Union. Bol. 79: 441-448. Aug. 1945. 150.9 M76B
- 18400 CANADA. WARTIME PRICES AND TRADE BOARD. Some European countries are on half rations for the winter. Farmer's Advocate and Home Mag. 80: 591, 617. Aug. 23, 1945. 7 F22
- 18401 COMBINED FOOD BOARD (UNITED STATES, UNITED KINGDOM, and CANADA). Report; progress of the work from June 9, 1942 to December 31, 1944. 10 p. Washington, U. S. Dept. of Agr., War Food Admin., 1945. 389.9 C732
- 18402 ENGLUND, E. The probable European food situation immediately after the war. (Abs.) Assoc. Land-Grant Col. and U. Proc. (1944) 58: 156-157. 4 As7
- 18403 EVANS, O. R. Gem of the Northland; set in a wilderness of bush and rocks the Lake St. John district can boast of much good farm land. Family Herald and Weekly Star 76(35): 3, 4. Aug. 29, 1945. 7 F21
- Discusses the principal crops.
- 18404 JACQUES, E. Women hitched to plough. Farmer's Advocate and Home Mag. 80: 601. Aug. 23, 1945. 7 F22
- European food situation.
- 18405 JOHNSON, E. Rehabilitation in Bengal. Asia and Americas 45: 247-248. May 1945. 286.8 Am31
- Work of the Quakers with famine survivors.
- 18406 MANETTI, C. L'Impero basta a se stesso. Inform. Agr. [Roma] 4: 12-14. Nov./Dec. 1940. 16 In3
- Self-sufficiency in agricultural products.
- 18407 MOFFETT, G. M. The whole world is in need of food. Md. Farmer 29(8): 2, 11. Aug. 1945. 6 M362
- 18408 ÖBERG, S. F. Rovor skola odlas i Norrland. Lantmannen 29: 422-423. May 5, 1945. 11 L234
- Root crop production in Norrland, Sweden.
- 18409 POOLE, R. F. Processing and marketing foods advantageously for South Carolina agriculture. Natl. Farm Chemurg. Council. Chemurg. Papers 416, 5 p. processed. Columbus, Ohio, 1945. 381 N213P
- 18410 REIS, A. C. F. A estrutura econômica na Amazônia. Assoc. Com. do Amazonas. B. 4(48): 37-38. July 1945. 286.9 As7B
- Includes discussion of agricultural products.

- 18411 SHAW, W. R. Marked expansion in P. E. I. farm products. Marit. Farmer and Co-op. Dairyman 50(22): 18B-18C, 46, 50. Aug. 21, 1945. 7 C77
- 18412 STOCK, J. Unsere ernährung bis zur neuen ernte. Nationalsoz. Landpost, No. 13, p. 1-2. Mar. 30, 1945. 18 N212
- 18413 THOMSON, G. M. From bush to berries; this Fraser River Valley community can boast of a big output of berries; vegetables and milk. Family Herald and Weekly Star 76(34): 5. Aug. 22, 1945. 7 F21
- Discusses the various agricultural industries.
- 18414 TYERMAN, D. Feeding the free peoples. Natl. Food Distrib. J. 19(8): 11. Aug. 1945. 286.28 N212
- 18415 WATERS, L. L. Kansas manufacturing in the war economy, 1940-1944. Kans. U. P., Indus. Res. Ser., No. 4, 46 p. Lawrence, 1945. 280.029 W31
- Includes changes in the food, textile, tobacco, and leather industries.

ANALYSIS AND COMPOSITION

- 18416 CASTAGNET, A. D. Botulismo toxi-infecciones alimenticias. Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1(6/7): 33-35. Mar./Apr. 1945. 49 B86
- 18417 D'ALBORA, J. B., INGEGNO, A. P., and EDSON, J. N. Outbreak of food poisoning due to Salmonella montevideo in an Army general hospital. Amer. Med. Assoc. J. 129: 10-12. Sept. 1, 1945. 448.9 Am37
- 18418 DICKINSON, D. The determination of tin in canned foods. Bristol. U. Fruit and Veg. Preserv. Res. Sta. Ann. Rpt. 1944: 46-52. 389.9 B77A
- 18419 GUBAREV, E. M., and GUBAREVA, N. A. Khimicheskaya priroda i nekotorye fiziologicheskie svoystva fadov, obuslovlivayushchikh "septicheskuu anginu." Biokhimiia 10: 199-204. 1945. 385 B523
- Toxicity of millet and rye which had wintered in the fields.
- 18420 LEMBKE, A. Die gruppe der fluoreszenten: 1. Bacterium pyocyaneum; 2. Bacterium fluorescens; 3. Bacterium putidum; 4. Bacterium syncyaneum. Vorratspflege u. Lebensmittelforsch. 5: 265-281. July/Sept. 1942. 389.8 V91
- Includes morphology and physiological action of these bacteria.

CONSUMPTION AND UTILIZATION

- 18421 BOND, M. C. Food; per capita consumption. N. Y. Agr. Col. (Cornell) A. E. 494, 9 p. processed. Ithaca, 1944. 281.9 C81
- 18422 GUTHRIE, J. A., and MCCARTHY, J. L. Starch, sirup, and dextrose sugar from Washington wheat and potatoes; postwar prospects for industrial development. Wash. State Planning Council. Res. Proj. 46, 45 p. Olympia, 1944. 280.7 W27Gu
- 18423 JOHNSTON, C. I. Food consumption surveys. Econ. Annal. 15: 62-65. Aug. 1945. 280.8 Ec75
- 18424 SNYDER, K. M. Postwar chemurgy in Ohio. Chemurg. Digest 4: 259-262. Aug. 15, 1945. 381 N213Na
- 18425 ZARATE, F. A. Clasificación de la moneda. U. Nac. Mayor de San Marcos. Facul. de Cien. Econ. Rev., No. 31, p. 71-114. Dec. 1944. 280.8 R328
- Includes use of vegetable and animal products as money.

DISTRIBUTION, MARKETING, AND TRANSPORTATION

- 18426 BANDEEN, D. A. The interterritorial rate decision; a review of the issues and contentions, and the ICC's [Interstate Commerce Commission] findings & orders. West Tex. Today 26(4): 4-5, 22. June 1945. 286.8 W522
- 18427 BARTOLOZZI, E. I mercati indigeni dell'Etiopia e la loro funzione nel quadro dell'economia indigena. Agr. Colon. 37: 44-48. Feb. 1943. 26 Ag82



- 18428 BEATY, J. A. Marketing. Jefferson Co. Truck Growers B. 18(4): 3. Apr. 1945. 6 J35
- 18429 BENTLEY, M. Freight rates victory; how WTCC [West Texas Chamber of Commerce], pioneered, led long struggle for full parity now partly won from ICC [Interstate Commerce Commission]. West Tex. Today 26(4): 3, 16-17. June 1945. 286.8 W522
- 18430 BLACK, E. B., and WINTER, J. C. Transportation most critical of war. Agr. Situation 29(8): 12-14. Aug. 1945. 1 Ec7Ag
- 18431 BLOUNT, J. P. What will air transport do for agriculture? Blue Anchor 22(3): 16, 25-26, 29-31. Aug. 1945. 286.83 B62
- 18432 BRITTIN, L. H. Agricultural products by air. Calif. Cult. 92: 409, 423. Aug. 4, 1945. 6 C12
- 18433 DUNN, W. E., and DUNN, L. T. Down the Magdalena. Agr. in the Americas 5: 143-146. Aug. 1945. 1 F752A
- Brings out the role of the river in the transportation of Colombian agricultural products.
- 18434 GRIMES, W. E. A Kansas State marketing agency. Kans. State Bd. Agr. Rpt. 64(266): 66-72. Apr. 1945. 2 K13Re
- Discusses the duties of a State marketing agency and notes the need for the creation of such an agency in Kansas.
- 18435 \*HASSELBACH, W. VON. Die bewährungsprobe geht weiter. Landesbauernschaft Moselland. Wchnbl., No. 3, p. 37-38. Jan. 16, 1943. 18 I2328
- Regulations for marketing agricultural products in Germany.
- 18436 HAYDEN, C. A. Determined effort to secure Ottawa's co-operation in marketing legislation; herewith is final draft of proposed act. Country Life [Vernon] 29(8): 3, 29. Aug. 1945. 7 C832
- 18437 HOPPER, W. C. Results of marketing studies should be useful in post-war years [Canada]. Econ. Annal. 15: 54-58. Aug. 1945. 280.8 Ec75
- 18438 LENNOX, C. G. Act 252 and you. Hawaii Farm and Home 8(8): 6-7, 16, 30. Aug. 1945. 25 H3191
- Explanation of the new Hawaiian law regulating the sale, shipment, packing, grading, and labeling of agricultural products.
- 18439 MARTIN, G. L. Crops are going sky-high; flying farm produce is closer than you think, says America's pioneer airplane builder. It would mean many changes in marketing perishable crops. Farm J. 69(9): 15. Sept. 1945. 6 F2212
- As told to Vernon Vine.
- 18440 NIEMEYER, W. Nossos mercados internos. Brazil. Min. do Trab., Indus. e Com. B. 11(123): 189-214. Nov. 1944. 255.3 B737A
- Brings out the importance of various producing areas in supplying the domestic market.
- 18441 OLIVIER, G. J. Producers and market agents. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser., No. 134, 2 p. Pretoria, 1945. 24 So82Pa
- 18442 PEARSON, H. S. Selling direct to the consumer. Your Farm 3(11): 81-82. Sept. 1945. 6 Y8
- Plan for the production of a succession of cash crops to be sold at roadside stands.
- 18443 POLLOCK, M. C. Frozen foods will see the light. West. Canner and Packer 37(9): 52-53. Aug. 1945. 286.83 W522
- Self-service merchandising of frozen foods.
- 18444 REID, E. P. Agricultural marketing surveys as aids in planning [Canada]. Econ. Annal. 15: 58-61. Aug. 1945. 280.8 Ec75
- 18445 \*RICKEN, J. Zehn Jahre reichsnährständerische marktordeung. Landesbauernschaft Moselland. Wchnbl., No. 5, p. 75. Jan. 30, 1943. 18 I2328
- 18446 ROMERO MANRIQUE, A. Distribución de productos agrícolas. Agr. Trop. 1(3): 55-57. (To be cont.) Apr. 1945. 26 Ag8
- Problems of marketing in Colombia.

18447 SOCIEDAD AGROPECUARIA DE CERRO LARGO. Se argumenta contra el aumento de las tarifas ferroviarias. Diario Rural 4(478): 9. Apr. 16, 1945. 9.9 D54

18448 TAYLOR, H. C. Postwar markets for American farm products. Kans. State Bd. Agr. Rpt. 64(266): 56-66. Apr. 1945. 2 K13Re

18449 WEBSTER, F. M. Improving our food distribution [Canada]. Econ. Annal. 15: 65-67. Aug. 1945. 280.8 Ec75

Includes school lunch programs, restricted food voucher subsidies, reductions in price of food, improvement of food quality, and industrial cafeterias.

18450 WOOLCOT, C. Transport in Taree [New South Wales]. Food Front 1(4): 31-32. Sept. 1944. 281.9 F73

Agricultural produce.

#### GRADING, INSPECTION, STANDARDIZATION, AND QUALITY

18451 BEINS, C. A. Meeting competition successfully through quality control of frozen foods.

West. Frozen Foods 6(9): 3-5. July 1945. 389.8 W523

18452 BEINS, C. A. Quality control of quick frozen foods. Butchers' Advocate 118(5): 10-12. Aug. 8, 1945. 286.85 B97

18453 CAVINA, R. A padronização dos produtos agro-pecuários. Orientação Econ. e Financ. 3(35): 35-36; (36): 15-16. Apr.-May 1945. 280.8 Or42

18454 GORTON, E. Mr. E. Gorton contends that it might be possible to cut the coupons, yet - keep the controls. Co-op. News (n. s.), No. 1368, p. 2, 10. July 21, 1945. 280.28 C7887

Fifth in a series on future British food control.

18455 SEEING is believing; how is food graded? Why not have a demonstration by a qualified grader and find out. Consum. Guide 11(8): 9-11. Aug. 1945. 1.94 Ad422C

#### PACKING AND PACKAGING

18456 DICKINSON, D. The internal corrosion of cans. Progress report II. Bristol. U. Fruit and Veg. Preserv. Res. Sta. Ann. Rpt. 1944: 28-36. 389.9 B77A

18457 FARRELLY, W. M. Faster packaging of frozen food. Food Indus. 17: 882-883. Aug. 1945. 389.8 F737

18458 PAPER SHIPPING SACK MANUFACTURERS' ASSOCIATION. Recommended practice for handling, storage and shipment of material packed in paper shipping sacks. Paper Shipping Sack Mfrs. Assoc. Gen. Manual, No. 1, 24 p. N. Y., 1945. 302.9 P1927

18459 SPACHNER, J. V. Containers. (Sum.) Peanut J. and Nut World 24(10): 24. Aug. 1945. 77.8 P313

18460 WILSON, R. V. Take oxygen out of cans to improve flavor and quality; commercial packing with low-oxygen content will lessen oxidative rancidity, reduce flavor loss and inhibit mold growth and infestation; it is essential for some dry or semi-dry foods. Food Indus. 117: 884-887. Aug. 1945. 389.8 F737

#### PRICES, PRICE CONTROL, AND RATIONING

18461 ALLRED, D. H. Price supports aid food production; give farmers postwar price protection. Utah Farmer 65(2): 6, 16. Aug. 15, 1945. 6 D45

18462 ANDERSON, C. P. Post war price adjustments. Grain & Feed J. Consolidated 95: 97. Aug. 8, 1945. 298.8 G762

18463 \*BÖRJESSON, A. Jordbruksprodukterna och vår krona. Jordbrukarnas Föreningsblad, Uppl. A: Östra Mellansverige och Gästrikland 15(28): 3-4. June 2, 1945. 11 J762

Chiefly on prices of agricultural products in Sweden.



18464 BIERBA SOFFIA, R. Relación entre los precios de los fertilizantes y los precios de venta de los productos agrícolas. Unión Agr. del Sur 3(17): 28-30. May 1945. 9.3 Un3  
Chile.

18465 COPLAND, D. B. Controlling prices of primary products in war-time. Food Front 1(2): 13-16. Mar. 1944. 281.8 F73  
Australia.

18466 DAVIDSON, H. R. Denmark must import coal or perish; she has no alternative but to pay for it in farm products, mostly butter, cheese and pig-meat. Farmer & Stock-Breeder 59: 1156-1157. July 24, 1945. 10 F228

Includes discussion of prices of agricultural products.

18467 ESTATÍSTICA dos preços no varejo e no atacado. Brazil. Min. do Trab., Indus. e Com. B. 11 (126): 315-337. Feb. 1945. 255.3 B737A

Wholesale and retail prices of farm products.

18468 HEMPHILL, P. V. North Dakota farm prices. N. Dak. Agr. Expt. Sta. Bimo. B. 7(6): 27-29. July/Aug. 1945. 100 N813B

18469 NOYOLA V., J. F. Aspectos del control de precios. Rev. de Econ. 8(8): 12-13. Aug. 10, 1945. 280.8 R3293

18470 PITT, D. T. Average prices received and prices paid by New Jersey farmers, 1910-1943. N. J. Dept. Agr. C. 351, 94 p. Trenton, 1944. 2 N46C

18471 WERTZ, V. R. To pay billions of debt - national income must be high; low prices would be ruinous. Ohio Farmer 196(4): 12. Aug. 18, 1945. 6 Oh3

Includes farm prices.

#### PROCESSING AND STORAGE

18472 AUSTIN, M. H. Locker plant operation. Farmers Fed. News 26(1): 8. Sept. 1945. 280.28 F225

18473 FIDLER, J. C., and others. Dried soup powders. I. Precooked. Food Manufacture 20: 277-281. Aug. 1945. 389.8 F736

R. Gane, R. Davies, L. W. Mapson, J. L. Pinder, and E. A. Bishop, joint authors.

18474 HOLMAN, R. L. Frozen abundance; a general view of our industry. Locker Operator 6(10): 30, 32, 39-40. May 1945. 295.8 L79

Locker plants.

18475 \*INDIA. DEPT. OF COMMERCIAL INTELLIGENCE AND STATISTICS. Joint stock companies in British India and in the Indian States of Hyderabad, Mysore, Baroda, Gwalior, Indore, Travancore and Cochin, 1938-39. 246 p. Delhi, 1944. 269.5 C732J  
Twenty-fifth issue.

Includes companies processing agricultural products.

18476 LACY, W. S., JR. Virginia builds food freezing plants. Commonwealth 12(7): 11-12. July 1945. 280.8 C732

18477 NATIONAL CANNERS ASSOCIATION. Secretary's annual report with report of F. W. Lafrents and Company on books of treasurer. 37 p. Washington, D. C., 1945. 389.9 N214Ans  
Library has report for 1944.

18478 \*NIEHAUS, P. Vorwinterliche schutzmassnahmen an den vorräten in haus und garten. Landesbauernschaft Moselland. Wehnl., No. 45, p. 578. Nov. 6, 1943. 18 L2328

18479 PATTERSON, C. A. Yes! For quick frozen foods! Amer. Restaurant Mag. 29(8): 21, 82. Aug. 1945. 389.2538 Am3

18480 RANDALL, K. How Wilburton can can. Farmer-Stockman 58: 313. Sept. 1945. 6 Ok45

Community canning at Wilburton, Latimer County, Okla.

18481 REICH, G. T. Carbon dioxide in the food industry. Pt. I. Food Indus. 17: 890-892, 1010. Aug. 1945. 389.8 F737

18482 SHERMAN, R. W. Ohio patrons give views of locker plant service. Locker Operator 6(10): 20, 22, 40-41. May 1945. 295.8 L79

#### STATISTICS

18483 ARKANSAS. UNIVERSITY. BUREAU OF RESEARCH. Arkansas crops and livestock 1944 and statistical summaries, 1929-1944. Ark. U. Bur. Res. Ser. 4, 46 p. Fayetteville, 1945. 500 Ar43  
U. S. Bureau of Agricultural Economics, Division of Agricultural Statistics cooperating.

18484 BALLIVIAN CALDERON, R. Apuntes sobre las labores estadísticas en Bolivia. Estadística 3: 197-202. June 1945. 251.8 Es8

Includes agricultural statistics.

18485 BRACHT, H. Recentes atividades censitárias geográficas e estatísticas no Brasil. Estadística 3: 186-196. June 1945. 251.8 Es8

Agricultural statistics included.

18486 CORCORAN, T. F. An agricultural census in Panama. Estadística 3: 224-227. June 1945. 251.8 Es8

18487 \*DORE, V. Italian agriculture during the war. Internatl. Inst. Agr. Monthly Crop Rpt. and Agr. Statis. 36: 18-19S. Jan./Feb. 1945. 251 In8B  
Statistical.

18488 HUTT, W. H. Two studies in the statistics of Russia. So. African J. Econ. 13(1): 18-42. Mar. 1945. 280.8 So83

Contains a few agricultural statistics.

18489 MISSOURI (STATE). DEPT. OF AGRICULTURE. Missouri farm census by counties 1944. Mo. State Dept. Agr. B., v. 43, No. 5, 20 p. May 1945. 2 M69B

18490 ONTARIO. DEPT. OF AGRICULTURE. STATISTICS BRANCH. Annual report... 1944. 46 p. Toronto, 1945. (Ontario. Legis. Assembly. Sess. Paper, No. 22, 1945) 253.6 In2R

Pt. I, Agricultural statistics; pt. II, Chattel mortgages; pt. III, Summary statistics, 1882-1944.

18491 WESTERN AUSTRALIA, STATISTICIAN'S OFFICE. Statistical view of one hundred and fourteen years' progress in Western Australia 1829 to 1942-43; compiled from official records. 10 p. Perth, West. Austral., 1945. 271.7 R26T

Includes statistics on land and agriculture.

#### BEVERAGES AND CONDIMENTS

18492 ANDRADE, T. DE. Junta do Café do Hemisfério Oriental. DNC; Rev. do Dept. Nac. do Café [Rio de Janeiro] 24: 163-164. Feb. 1945. 286.83 D44  
Notes the implications for the Latin American producer of creation of a hemispheric coffee board.

18493 ANDRADE, T. DE. O plano votado pelo Convênio Cafeeiro. DNC; Rev. do Dept. Nac. do Café [Rio de Janeiro] 24: 301-303. Mar. 1945. 286.83 D44

18494 ANDRADE, T. DE. A situação do café. Observador Econ. e Financ. 9(97): 103-106. Feb. 1944. 280.8 Ob72

18495 ASOCIACIÓN CAFETALERA DE EL SALVADOR. JUNTA DE GOBIERNO. Memoria, 1944-45. Café de El Salvador 15: 193-203. May 1945. 68.28 C112

18496 BAJOS MATEOS, F. Cómo puede substituirse el enyesado. Agrario 9(362): 5. May 30, 1945. 9.3 Ag85

Wine manufacture.

18497 BALODANO MEDAL, E. Lo que significa para el cafetalero la perdida de sus divisas. Café de Nicaragua 1(3): 39-42. Jan. 1945. 68.28 C114

Compares the price received by the coffee grower through government channels with that which could be obtained on the black market.

18498 BENARD, E. Revisión de tipos. Café de Nicaragua 1(3): 32. Jan. 1945. 68.28 C114  
Suggests grading and standardization of Nicaraguan coffee for export.



- 18499 \*BOHRINGER, P. Ein beitrage zur berechnung des gewichtsverhältnisses von flüssigkeiten nach der pyknometermethode und zur anwendung der tabarieschen formel. Vorratspflege u. Lebensmittelforsch. 5: 333-340. July/Sept. 1942. 389.8 V91  
Used for wine and similar products.
- 18500 \*BOKUCHAVA, M. A., and POPOV, V. R. Ne-rastvorimaya forma chainogo tannina (Insoluble form of tea tannin). Biokhimiya 10: 234-242. 1945. 385 B523
- 18501 \*BRANZANI, E. C. La preparazione del caffè al Kivu. Agr. Colon. 37: 169-183. July 1943. 26 Ag82  
Coffee processing in Italian Africa.
- 18502 CERQUEIRA, P. O. DE. Notas sobre alguns dados analíticos nos métodos oficiais brasileiros. Pernambuco (State). Sec. de Agr., Indús. e Com. B. 12(1): 55-57. Jan./Mar. 1945. 9.2 P423
- 18503 CHOussy, F. Estudios técnicos sobre el despulpado y lavado del café. Café de Nicaragua 1(3): 19-23. Jan. 1945. 68.28 C114
- 18504 \*CIFERRI, R., SCARAMELLA, G., and BARBENSI, G. Primo rapporto sul caffè nell'Africa Orientale Italiana. R. Ist. Agron. per l'Africa Ital. Relaz. e Monog. Agr.-Colon., No. 60, 92 p. Firenze, 1940. Ref. 16 Is7  
Discusses varieties, production and consumption, analysis, and classification.
- 18505 LA FERMENTACIÓN de los vinos. Agrario 8(341): 13, 14. June 30, 1944. 9.3 Ag85
- 18506 \*FERRARA, A. Organizzazione dell'industria enologica nei comprensori dell'E. C. L. [Ente della Colonizzazione della Libia] in Tripolitania. Agr. Colon. 38(1/3): 1-7. Jan./Mar. 1944. 26 Ag82
- 18507 GARRIDO LOZIER, O. Trabajos de la vendimia. Agrario 9(359): 11. Apr. 16, 1945. 9.3 Ag85
- 18508 GARRIDO LOZIER, O. La vinificación; cuidados durante la fermentación tumultuosa. Agrario 9(361): 15. May 15, 1945. 9.3 Ag85
- 18509 \*GUITTONNEAU, G., and others. Sur une étude microbiologique des cidres normands et sur les enseignements industriels qui en découlent. Acad. d'Agr. de France. Compt. Rend. 28: 563-567. Oct. 28/Nov. 4, 1942. 14 P215Bc  
M. Bejambes, J. Tavernier, and G. Mocquot, joint authors.
- 18510 \*HENNIG, K., and VILLFORTH, F. Die aromastoffe der weine; ein beitrage zur untersuchung der duft- oder buketstoffe der weine. II. teil. Vorratspflege u. Lebensmittelforsch. 5: 313-333. July/Sept. 1942. 389.8 V91
- 18511 \*KURSANOV, A., and ISAEVA, E. Adsorbtsiya fermentov drozhzhevymi kletkami. Biokhimiya 9: 273-283. 1944. 385 B523  
Adsorption of enzymes by yeast cells in wine fermentation.
- 18512 LEWINSOHN, R. Os preços depois da guerra. DNC; Rev. do Dept. Nac. do Café [Rio de Janeiro] 24: 165-189. Feb. 1945. 286.83 D44
- 18513 MELLO, P. S. A restauração dos cafèzais e uma visão retrospectiva. DNC; Rev. do Dept. Nac. do Café [Rio de Janeiro] 24: 181-183. Feb. 1945. 286.83 D44
- 18514 MEMORANDUM sobre la situación de la industria vitivinícola [Argentina]. Vinos, Viñas y Frutas 40: 422, 424-425. June 1945. 9 Ag89
- 18515 MENDES, J. E. T. O progresso da lavoura cafeeira na Colômbia. São Paulo (State). Supt. dos Serv. do Café. B. 20: 169. Feb. 1945. 68.29 Sa63  
Contains statistics of production.
- 18516 \*MORESCHINI, T. La produzione e la resa unitaria del caffè e del cacao secondo i dati dell'Istituto Internazionale di Agricoltura. Agr. Colon. 38(1/3): 29-32. Jan./Mar. 1944. 26 Ag82  
Statistical.
- 18517 \*NASTRUCCI, M. Preparazione delle bevande alcoliche abissine nell'Harar. Agr. Colon. 34: 408-425. Oct. 1940. 26 Ag83
- 18518 NÓBREGA, A. Pioneiros do café na Paraíba. DNC; Rev. do Dept. Nac. do Café [Rio de Janeiro] 24: 184-190, 336-342. Feb.-Mar. 1945. 286.83 D44
- 18519 OLIVERAS MASSO, C. Cuidado de los vinos en su primer ano. Agrario 9(360): 13; (361): 7. Apr. 30, May 15, 1945. 9.3 Ag85
- 18520 PAIVA, R. M. Política de preços do café. Rev. Rural Bras. 25(298): 16-18. June 1945. 9.2 B733
- 18521 PIAZ, D. Acción del frío sobre el vino. Vinos, Viñas y Frutas 40: 429-431. June 1945. 9 Ag89
- 18522 POZAT, R. D. Licores en frío. Vinos, Viñas y Frutas 40: 440. June 1945. 9 Ag89
- 18523 RAMOS, P. Cafeína do chá. Chacaras e Quintais 72(1): 77-78. July 15, 1945. 9.2 C34
- 18524 REIS, A. C. F. Origens, esplendor e decadência da cultura cafeeira na Amazônia. II. DNC; Rev. do Dept. Nac. do Café [Rio de Janeiro] 24: 627-630. May 1945. 286.83 D44
- 18525 RODRÍGUEZ G., J. M. El grito unanime de los productores de café latinoamericanos. Café de Nicaragua 1(3): 43-45, 47. Jan. 1945. 68.28 C114
- 18526 \*ROGER, L. La campagne viticole de 1942-1943. Rev. des Agr. de France 75: 155. Nov. 1943. 14 R325
- 18527 ROUTIER, E. Spices and seasoning. Culinary Rev. 13(11): 7. Aug. 1945. 389.8 C89
- 18528 RUEST, C. Factores influyentes en el sabor y aroma del café. Rev. Cafetal. de Guatemala 1(6/7): 15-18. May/June 1945. 68.28 R322
- 18529 \*SEILER, F. Zusammensetzung von 1941er naturweinen der Mittelmose, Saar und Ruwer. Vorratspflege u. Lebensmittelforsch. 5: 340-347. July/Sept. 1942. 389.8 V91
- 18530 SOCIEDAD NACIONAL DE AGRICULTURA, CHILE. CONSEJO. Orientaciones para resolver los problemas de la producción vinícola y la embriaguez. Campesino [Santiago] 77: 309-310. June 1945. 9.3 Sol2
- 18531 VALDIVIESO, N. La vinicultura y la embriaguez. Campesino [Santiago] 77: 311-314. June 1945. 9.3 Sol2
- 18532 VALSECHI, O. Vermute de laranja. Rev. de Agr. [Piracicaba] 20: 83-95. Mar./Apr. 1945. 9.2 R324  
Manufacture.
- 18533 VEIGA, A. DE A. Vinho de laranja. Rev. de Agr. [Piracicaba] 20: 140-149. Mar./Apr. 1945. 9.2 R324  
Manufacture.
- 18534 \*VINCENT, E. R. C. The story of ginger. Madras Agr. J. 31: 260-261. Sept. 1943. 22 M262  
History and uses.
- 18535 WEIDENHOFER, K. Some reasons for an increased planting of wine grapes on River Murray areas. So. Austral. Dept. Agr. J. 48: 479-481. June 1945. 23 So84  
Includes wine making, wine grape varieties, and wine marketing.

## DAIRY PRODUCTS

- 18536 ANDERSON, C. P. [Dairy] production must be kept up--essential in building a good peace. Dairymen's League News 29(18): 3, 14. Aug. 28, 1945. 44.8 D1432
- 18537 BRANDT, P. M. The dairy industry at the crossroads. Natl. Farm Chemurg. Council. Chemurg. Papers 418, 8 p., processed. Columbus, Ohio, 1945. 381 N213P
- 18538 BULCOCK, F. W. The need for dairy products [Australia]. Food Front 1(4): 7-8. Sept. 1944. 281.8 F73



- 18539 BURUM, D. H. A bit of Minnesota; the Dahlbergs of Waialua, transplanted from the Gopher State, maintain the fine dairy reputation of their mainland home despite war-time difficulties galore. Hawaii Farm and Home 8(8): 9. Aug. 1945. 25 H3191
- 18540 CARRIGAN, J. E. Much depends on Government policies. Dairyman's League News 29(18): 16. Aug. 28, 1945. 44.8 D1432  
Prospects of the dairy industry.
- 18541 CASTRO G. HUIDOBRO, A. Aspectos del problema de la leche. Agrario 9(343): 3, 14. July 31, 1944. 9.3 Ag85  
Production problems in Chile.
- 18542 CODERIE, J. Holland has dairy farming problems. Family Herald and Weekly Star 76(33): 4. Aug. 15, 1945. 7 F21
- 18543 CONCLUSIONES del Congreso de Productores de Leche; plan de fomento de la industria lechera [Chile]. Agrario 8(341): 3, 14. June 30, 1944. 9.3 Ag85
- 18544 CULLITY, M. Factors influencing the production of clean milk. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 32-40. Mar. 1945. 23 W52J  
Sources of contamination, sterilization of equipment, and care and handling of the milk.
- 18545 CUNNINGHAM, L. C. Feed tight; help easy. Dairyman's League News 29(18): 9. Aug. 28, 1945. 44.8 D1432  
The dairy situation.
- 18546 DAVIES, J. L. Milk supplies in England; exposition of British policies and activities that reversed production and consumption trends - aim now to expand industry still more. Amer. Milk Rev. 7: 301-303. Aug. 1945. 44.8 Am38
- 18547 DAVIS, J. H. Demand for dairy products; should continue up. Dairyman's League News 29(18): 16. Aug. 28, 1945. 44.8 D1432
- 18548 DUBLIN liquid milk trade, by Lactis. Irish Agr. and Creamery Rev. (n. s.) 14(139): 15. (Cont.) July 1945. 44.8 C866
- 18549 EASTLACK, J. O. United dairy industry can increase market outlets. Dairyman's League News 29(18): 16. Aug. 28, 1945. 44.8 D1432
- 18550 GOCKLEY, R. R. Expect N. Y. City milk sales to hold up; strong selling campaign needed on manufactured dairy products. Dairyman's League News 29(18): 14. Aug. 28, 1945. 44.8 D1432
- 18551 HARMON, F. M. What the leaders say; nationwide survey points the way to greater sales of dairy products. Creamery J. 56(8): 5, 28. Aug. 1945. 44.8 C86
- 18552 \*HARTMANN. Selbstversorgung mit Milch und butter. Landesbauernschaft Moselland. Wchnbl. No. 24, p. 260. June 10, 1944. 18 L2328
- 18553 HAWLEY, W. W., JR. Milk industry girding itself to fight for expanded markets. Dairyman's League News 29(18): 9. Aug. 28, 1945. 44.8 D1432
- 18554 HEDLUND, G. W. Keep lookout for economic changes. Dairyman's League News 29(18): 9, 16. Aug. 28, 1945. 44.8 D1432  
Problems of the dairy industry.
- 18555 INDIANA STATE DAIRY ASSOCIATION. Fifty-fifth annual report. 58 p. Lafayette, Ind., 1945. 44.9 In22
- 18556 JORGE, F., and MORRIS, J. J. El tambo, institución pública de necesidad social. Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1(6/7): 54-59. (To be cont.) Mar./Apr. 1945. 49 B86
- 18557 KOLLER, E. F. Postwar prospects of the Minnesota dairy industry. Minn. Bankers' Conf. [Proc.], (1945)6: 8-16, processed. 284.9 M664
- 18558 \*M., H. Grossleistungen in der milcherezeugungsschlacht; ehrung der moselländischen landes-sieger im milchleistungswettbewerb. Landesbauernschaft Moselland. Wchnbl., No. 45, p. 571. Nov. 6, 1943. 18 L2328
- 18559 NELSON, H. G. Diabetic ice cream. Austral. Milk & Dairy Prod. J. 12(5): 6. May 1945. 44.8 Au72
- 18560 NETTO, F. A. Por um melhor abastecimento de leite das nossas cidades. Rev. dos Criadores 16(7): 44-50, 52-54. July 1945. 43.8 R32  
Brazil.
- 18561 POZZI, C. M. Primer concurso de proveedores y expendedores de leche organizado en La Plata. Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1(6/7): 6-12. Mar./Apr. 1945. 49 B86  
Includes analysis of milk.
- 18562 PRENTICE, R. El futuro de la producción lechera; perspectivas que se presentan, según un técnico Norteamericano. Liborio 5(5/7): 24-26. May/July 1945. 43.8 V41
- 18563 QUINTUS, P. E. Future prospects in the dairy business. Ind. State Dairy Assoc. Ann. Rpt. (1945) 55: 14-17. 44.9 In22
- 18564 RAMÍREZ S., C. A. Influencia del profesional en la explotación lechera. Agrario 9(343): 17, 18. July 31, 1944. 9.3 Ag85
- 18565 RATHBUN, H. H. [Dairyman's League Cooperative Association] farmers' war record on production unequalled. Dairyman's League News 29(18): 3. Aug. 28, 1945. 44.8 D1432
- 18566 SHERWOOD, H. D. Good price level possible through cooperation. Dairyman's League News 29(18): 9. Aug. 28, 1945. 44.8 D1432  
Prospects of the dairy industry.
- 18567 SINDICATO DA INDÚSTRIA DE LATICÍNIOS E PRODUTOS DERIVADOS DO ESTADO DE SÃO PAULO. A indústria brasileira de laticínios e os seus problemas. Rev. dos Criadores 16(6): 41-46. June 1945. 43.8 R32
- 18568 \*SJOSTRAND, J. Jordbrukarnas mjölkleveranser till mejerier år 1943. Lantmannen 29: 442-443. May 12, 1945. 11 L234  
Milk delivered to Swedish creameries in 1943.
- 18569 SKOTT, H. E. A visit to a German dairy as told by an American dairyman now engaged in rehabilitation work in Europe. Creamery J. 56(8): 8, 28-29. Aug. 1945. 44.8 C86
- 18570 SMITH, J. W. G. Prospects are bright for our dairy industry in post-war years. Farmer and Settler 40(19): 3. June 8, 1945. 23 F226  
Australia.
- 18571 SOUTHWOOD, A. R. Safe milk for a city; fourteen points for a peace-time plan. So. Austral. Dept. Agr. J. 48: 456-460. June 1945. 23 So84  
Includes care and handling, inspection, and need for pasteurization.
- 18572 TAYLOR, A. M. The decline in dairy products; reason and remedy [Australia]. Past. Rev. 55: 435. June 16, 1945. 23 Au75
- 18573 VALLEIO, L. C. La lactosa. Indus. Lechera 27: 95-106. Feb. 1945. 44.8 In26
- 18574 WIGAN, F. Mr. Wigan surveys the Australian dairy industry. Live Stock B., June 1, 1945, p. 34-36. 23 F222
- Analysis and Composition
- 18575 GOLDING, N. S., and JORGENSEN, S. I. A correlation of the resazurin grade with the standard plate count of raw milk. J. Milk Technol. 8: 189-195. July/Aug. 1945. 44.8 J824
- 18576 JENNESS, R., and HERREID, E. O. The effect of temperature of reading on the accuracy of the Babcock test for fat in milk. J. Dairy Sci. 28: 591-595. Aug. 1945. 44.8 J822
- 18577 KRUKOVSKY, V. N., and GUTHRIE, E. S. Ascorbic acid oxidation a key factor in the inhibition or promotion of the tallowy flavor in milk. J. Dairy Sci. 28: 565-579. Aug. 1945. Ref. 44.8 J822
- 18578 \*M. Einige wichtige eigenschaften der milch. Schweiz. Milchztg. 71: 259. July 17, 1945. 44.8 Sch92  
Discusses color, taste and odor, specific weight, freezing point, and souring point.



18579 MINUT, J. Suposiciones y conceptos sobre la significacion higienico-sanitaria del contenido de amoníaco en las leches. Indus. Lechera 27: 38-41, 107-112. (Cont.) Jan.-Feb. 1945. 44.8 In26

18580 NEETHLING, H. L. Some sources of bacterial contamination of milk. Farmer [Pietermaritzburg] 34(18): 16. May 4, 1945. 24 F227

18581 PESSACQ, V. La flora microbiana de la leche. Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1(8/9): 18-20. May/June 1945. 49 B86

18582 \*RAM AYYAR, C. S., and KOTHAVALLA, Z. R. A simple 'Ram-Ko' method for the estimation of fat in milk. Indian J. Vet. Sci. and Anim. Husb. 13: 133-136. June 1943. 41.8 In22

18583 RICE, E. B., and KENT, O. ST. J. Bacteria and their relation to dairying. Queensland Agr. J. 60: 361-369. June 1, 1945. 23 Q33

18584 \*RITTER, W. Ueber das Verhalten einiger organismen aus rahmsäuerungskulturen. Schweiz. Milchztg. 71: 255-256. July 13, 1945. 44.8 Sch92

18585 SANDERS, G. P., and SAGER, O. S. A phosphatase test for Cheddar cheese. J. Milk Technol. 8: 223-226. July/Aug. 1945. 44.8 J824

18586 THOMAS, S. B., JONES, L. B., and GRIFFITHS, A. Rejection of milk at creameries and dairies. Dairyman 62: 217, 219, 221. Aug. 1945. 44.8 D1426

Testing the quality of milk by the resazurin test.

18587 WEBER, C. W. Coliform organisms in pasteurized milk. J. Milk Technol. 8: 217-222. July/Aug. 1945. 44.8 J824

18588 \*WH. Der fettgehalt unserer milch. Schweiz. Milchztg. 71: 259. July 17, 1945. 44.8 Sch92

#### Consumption and Utilization

18589 CAMERON, W. C. Wartime utilization of Canadian milk production. Canad. Dairy and Ice Cream J. 24(7): 29-31, 56, 58. July 1945. 44.8 C162

#### Distribution, Marketing, and Transportation

18590 BRUBAKER, D. D. Seasonal milk surpluses ... let's strike at the core. News for Farmer Coops. 12(5): 13. Aug. 1945. 166.2 N47

18591 BURGESS, R. Bacterial problems of milk transport. Milk Indus. 26(2): 61-63. Aug. 1945. 44.8 M593

18592 BURNS, W. F. Dairy marketing. Jefferson Co. Truck Growers B. 18(4): 4. Apr. 1945. 6 J35

18593 DEYSENROTH, C. F. We'll have to aim high for postwar [milk] markets! Milk Plant Monthly 34(8): 24, 55-56. Aug. 1945. 44.8 C864

18594 EASTERBROOK, L. F. Under the British milk marketing scheme everyone concerned is a co-operator. Pure Milk 19(8): 10-11. Aug. 1945. 280.28 P97

18595 HUDD, J. Y. Central control of city milk. So. Austral. Dept. Agr. J. 48: 473-474. June 1945. 23 So84

Marketing control.

18596 MATTHEWS, J., INGLIS, J., and BURGESS. Transport of milk in tanks and churns. Dairy Indus. 10: 479-496. July 1945. 44.8 D1427

Contents: I. Constructional aspects, by J. Matthews. II. Economic aspects, by J. Inglis. III. Bacteriological aspects, by Burgess.

18597 MEANWELL, L. J. Milk transport from the quality standpoint. Dairy Indus. 10: 497-520. July 1945. 44.8 D1427

18598 PASTORINO, A. E. La grave situación que se proyecta para Conaprole fue planteada en el Congreso de Minas [Uruguay]. Diario Rural 4(470): 12. Apr. 18, 1945. 9.9 D54

18599 PICKFORD, I. T. Milk marketing methods; Detroit milk producers and distributors demonstrate a milk pool will work. Mich. Milk Messenger 27(4): 7. (Cont.) Aug. 1945. 44.8 M582

18600 PIERCE, C. W. The Pittsburgh picture of wartime changes in milk sales. Dairymen's Price Rptr. 28(8): 3, 5. Aug. 1945. 280.28 D14

18601 PIOLETTI, L. A. Segundo monopolio de la leche por el Estado [Uruguay]. Diario Rural 4(470): 6. Apr. 18, 1945. 9.9 D54

18602 WALWORTH, G. Transport effects on milk. Co-op. Rev. 19: 107. July 1945. 280.28 C7823

18603 WAUGH, F. V. Connecticut's research in milk marketing: another opinion. J. Farm Econ. 27: 707-709. Aug. 1945. 280.8 J822

Comments on the criticism of L. Steck on the studies made by the University of Connecticut under the general title: "Efficiency of Milk Marketing in Connecticut."

#### Grading, Inspection, Standardization, and Quality

18604 BARTLETT, R. W. After-the-war regulations for the milk industry. Popkess' Dairyman's J. 32(5): 5. Aug. 1945. 44.8 D142

18605 CONTROL of the milk industry; whither is policy tending? First of four articles by "Scotia." Farming News and North Brit. Agr. 97(34): 3. Aug. 17, 1945. 10 N82

18606 DUNKLEY, W. L., and WOOD, F. W. The flavor of butter when manufactured from rancid cream. Canad. Dairy and Ice Cream J. 24(7): 25-28, 58, 60, 62. July 1945. 44.8 C162

18607 FAY, A. C. The program for quality control of milk supplies for Boston. J. Milk Technol. 8: 196-200. July/Aug. 1945. 44.8 J824

18608 GORDON, G. E. Highest quality of dairy products must be maintained. Calif. Cult. 92: 427. Aug. 4, 1945. 6 C12

18609 HAVIGHORST, C. R. New technics and controls produce nonperishable cream. Food Indus. 17: 875-877. Aug. 1945. 389.8 F737

18610 RAMÍREZ S., C. A. Influencias climáticas en la calidad del queso. Campesino [Santiago] 77: 327. June 1945. 9.3 S02

18611 RAMSEY, R. J. Certain defects and faults in market milk by-products. Amer. Milk Rev. 7: 278, 280, 282, 284, 313. Aug. 1945. 44.8 Am38

18612 RANDALL, R. The Army milk control program. J. Milk Technol. 8: 201-204. July/Aug. 1945. 44.8 J824

18613 WIDDER, C. O. Milk quality program that produced results. Milk Dealer 34(11): 82, 84. Aug. 1945. 44.8 M595

Milk control program in Sheboygan, Wis.

#### Packing and Packaging

18614 SHUTT, D. B. Effect of wet cans on the quality of milk. Canad. Dairy and Ice Cream J. 24(7): 46. July 1945. 44.8 C162

Increases bacteria content.

#### Prices, Price Control, and Rationing

18615 DUMOND, C. G. Use caution; milk prices may decline some. Dairymen's League News 29(18): 3, 14. Aug. 28, 1945. 44.8 D1432

18616 NOAKES, W. Prices for dairy products: new method of computation; what dairymen will receive at farm gate. Primary Prod. [Sydney] 30(23): 1. June 7, 1945. 23 P932

#### Processing and Storage

18617 ALBERTA. DEPT. OF AGRICULTURE. DAIRY BRANCH. Farm cheesemaking. Alberta. Dept. Agr. Joint Ser. P. 5, 23 p. Edmonton, 1945. 7 AL12J

University of Alberta, Dept. of Dairying, joint author.

18618 APPS, H. J. Straining milk on the farm. So. Austral. Dept. Agr. J. 48: 460. June 1945. 23 So84

18619 BAKER, B. A. The evaporated milk industry under Federal marketing agreements. (Sum.) J. Farm Econ. 27: 704-707. Aug. 1945. 280.8 J822

18620 BELL, R. W., and SANDERS, C. F. The influence of milk-fat globule size and milk and cream temperatures on the stability of the frozen cream emulsion. J. Dairy Sci. 28: 581-589. Aug. 1945. 44.8 J822



## FEED AND FORAGE CROPS

- 18621 DAVIS, J. G. La pasteurización de la leche y sus alternativas. Indus. Lechera 27: 89-93. Feb. 1945. 44.8 In26
- 18622 DAVIS, R. N. Quality milk and cream. Ariz. Farmer 24(15): 17, 21. Aug. 11, 1945. 6 Ar44 Care and handling.
- 18623 FISCHER, B. M. Laboratories are essential in modern commercial dairies. Dairyman 62: 207, 209. Aug. 1945. 44.8 D1426
- 18624 G., G. ¿Suprimos la pasteurización de la leche? Agrario 8(340): 4, 10. June 15, 1944. 9.3 Ag85
- 18625 GOMEZ, A. Queso tipo Holanda o Edam. Agrario 8(340): 6. June 15, 1944. 9.3 Ag85 Manufacture.
- 18626 GREENHAW, C. R. Cheese production in Arkansas. Dairy Goat J. 23(7): 4-6. Sept. 1945. 40.18 M592
- 18627 HOLM, G. E. Dried milks. Milk Plant Monthly 34(8): 23, 52, 54-57, 81, 84. Aug. 1945. 44.8 C864
- 18628 IVERSON, C. A. Stretching the ice cream supply. (Abs.) Ice Cream Rev. 29(1): 7<sup>1</sup>. Aug. 1945. 389.8 Ic22
- 18629 JENNESS, R., and PALMER, L. S. Substances adsorbed on the fat globules in cream and their relation to churning. V. Composition of the "membrane" and distribution of the adsorbed substances in churning. J. Dairy Sci. 28: 611-623. Aug. 1945. Ref. 44.8 J822
- 18630 KRUKOVSKY, V. N., and CUTHRIE, E. S. Ascorbic acid oxidation a key factor in the inhibition or promotion of the tallowy flavor in milk. J. Dairy Sci. 28: 565-579. Aug. 1945. Ref. 44.8 J822
- 18631 LEIGH, N. K. Cheddar-cheesemaking in East Griqualand. Farming in So. Africa 20: 381-383. June 1945. 24 So842
- 18632 MCRAE, B. Half century of co-operative progress. Farmer and Settler 40(19): 3. June 8, 1945. 23 F226
- Progress of "Norco," a cooperative butter manufacturing society.
- 18633 NATIONAL INSTITUTE FOR RESEARCH IN DAIRYING. Report for the three years, 1941, 1942, 1943. 76 p. Reading, U. of Reading, 1944? 44.9 N211
- 18634 PROULX, J. R. Concours de fabriques de beurre et de fromage. Terre de Chez Nous 17(42, 1. e. 43): 12. Aug. 1, 1945. 7 T27
- 18635 PULLINGER, E. J. The milk industry of South Africa (VII). So. African Dairyman 7: 137, 139, 151. July 1945. 44.8 So822
- Discusses efficiency of pasteurization.
- 18636 \*RAY, G. L'industrie du lait concentré. Assoc. des Chim. B. 61: 94-100. Mar./Apr. 1944. 383 As7
- 18637 SKERMAN, P. J. Intermittent propagation of cheese starter cultures. Austral. Inst. Agr. Sci. J. 11: 92. June 1945. 23 Au74
- 18638 WALTER, H. E., and LOCHRY, H. R. The manufacture of Cheddar cheese from pasteurized milk in commercial plants. J. Dairy Sci. 28: 597-606. Aug. 1945. 44.8 J822
- 18639 WEBB, MRS. A. Cheeses from goats' milk and from ewes' milk. Farmers Weekly [London] 23(3): 39. (Cont.) July 20, 1945. 10 F2226
- 18640 \*ZANARDI, C. Il "latte ossigenato" e la sua importanza nei paesi africani. Agr. Colon. 36: 191-193. July 1942. 26 Ag83
- Statistics
- 18641 \*THOMANN, W. Die Käseproduktion im sommer 1944. Schweiz. Milchztg. 71: 248, 251-252. July 6, 10, 1945. 44.8 Sch92
- Statistical.
- 18642 ANDERSON, C. P. Food and feed. Flour & Feed 46(3): 18. Aug. 1945. 298.8 F66
- 18643 ANDERSON, C. P. Secretary of Agriculture acts on part of Feed Industry [Council], Report. Grain & Feed Rev. 34(12): 8, 48. Aug. 1945. 280.28 G78
- 18644 AUSTRALIA. DEPT. OF COMMERCE AND AGRICULTURE. PRICES BRANCH. Fodder relief & price policy. Food Front 2(2): 32-35. Mar. 1945. 281.8 F73
- 18645 \*B. Mehr qualit tsheu im Moselland! Landesbauernschaft Moselland. Wchnbl., No. 12, p. 723. May 29, 1943. 18 L2328
- 18646 C., E. W. Would be national investment; finance to encourage storage of fodder [Australia]. Farmer and Settler 40(22): 4. June 29, 1945. 23 F226
- 18647 CLIFFE, A. E. Why - a laboratory for feeds; sole means of giving dependability to feeds to insure successful farming. Milling and Feed 26(8): 5-6, 18. Aug. 1945. 298.8 Cl62
- 18648 CUNNINGHAM, L. C. Feed prospects. Grain & Feed J. Consolidated 95: 114. Aug. 8, 1945. 298.8 G762
- 18649 KANEY, J. H. Pigs are made of feed. Tex. Livestock J. 4(8): 9. Aug. 15, 1945. 49 T29 Feed supplies.
- 18650 \*KLEEMAN. Futtermittels cke von hand gereinigt und zerrissen. Rohproduktengewerbe der Alt-u. Abfallstoff 8: 10. Jan. 10, 1942. 309.8 R63
- 18651 LARSON, L. S. Ads of the month; second in series of timely suggestions for feed men. Feed Bag 21(7): 57. July 1945. 389.78 F32
- 18652 MURPHY, J. H. Must buy concentrates. Flour & Feed 46(3): 31. Aug. 1945. 298.8 F66
- 18653 PAGE, SIR E. Drought insurance was neglected; M. P. says scheme would avert future fodder crises [in Australia]. Farmer and Settler 40(19): 4. June 8, 1945. 23 F226
- "Preventing Drought's Toll - 7."
- A fodder conservation scheme.
- 18654 \*SCHWANER, F. Luzernesamenbau - eine dringende notwendigkeit. Landesbauernschaft Moselland. Wchnbl., No. 10, p. 162. Mar. 6, 1945. 18 L2328
- 18655 TURK, K. Feed situation survey. Flour & Feed 46(3): 26-27. Aug. 1945. 298.8 F66
- 18656 YACKULIC, G. A. Alberta has poor feed prospects. Family Herald and Weekly Star 76(34): 4. Aug. 22, 1945. 7 F21
- 18657 YANTIS, H. Where, oh where's the feed? Successful Farming 43(9): 106-107. Sept. 1945. 6 Sul2
- FIBERS AND TEXTILES
- 18658 ACKERMAN, F. E. Woolen and worsted shortage ends. Natl. Wool Grower 35(8): 15. Aug. 1945. 45.8 N21N
- 18659 ALMEIDA, J. L. DE. Chapultepec e os des-tinos do algod o brasileiro; orienta o que, sem d vida, deve ser seguida nos trabalhos da pr xima reuni o do Comit  Internacional de Algod o. Ouro Branco 10(12, 1. e. 11): 9. Mar. 1945. 72.8 Ou7
- 18660 ALMEIDA, J. L. DE. A proposta Wickard objetiva a maior capacidade de concorr ncia do algod o norte-americano. Ouro Branco 10(10): 9. Feb. 1945. 72.8 Ou7
- Cotton prices.
- 18661 ANCONA P REZ, A. Historia del sisal mexicano. Sisal de Yucat n 6(65): 6-7. May 1945. 73.8 S183
- 18662 ANDERSON, C. P. More efficient production at lower costs necessary. (Excerpts.) Cotton Digest 17(48): 6, 14. Aug. 25, 1945. 286.82 C822
- Cotton.



- 18663 ANDERSON, C. P. 'When cotton comes marching home.' Cotton Trade J. 25(32): 5. Aug. 18, 1945. 72.8 C8214
- 18664 ANTHONY, D. Is re-combing always essential? Canad. Textile J. 62(17): 42, 48-49. Aug. 24, 1945. 304.8 C16
- Worsted.
- 18665 BARKER, A. F. Gossamer wool fabrics and seaweed. Textile J. Austral. 20: 152-153. June 20, 1945. 304.8 T3134
- Artificial fiber from seaweed.
- 18666 BAYLEY, C. H., and WEATHERBURN, M. W. Rotproofing cotton fabrics. Textile J. Austral. 20: 112, 114. (To be cont.) May 21, 1945. 304.8 T3134
- 18667 BELGIAN CONGO. MINISTÈRE DES COLONIES. DIRECTION GENERALE DE L'AGRICULTURE, DE L'ELEVAGE ET DE LA COLONISATION. Le coton au Congo Belge. B. Agr. du Congo Belge 32: 383-453, 640-676. Sept.-Dec. 1941. Ref. 24 K83
- Comité Cotonnier Congolais cooperating.
- In addition to culture, this study deals with labor, legislation, profit to the native, cotton societies, transportation, marketing, and cottonseed utilization. Subtitle of the second installment, which has separate chapter numbering, is L'Industrie de la Graine de Coton et de ses Sous-produits.
- 18668 BELL, R. Futures contract furthers modern business; textile industry acknowledges great debt to New York Cotton Exchange. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 21. 72.8 C8214
- 18669 BENNETT, H. G. Between the cotton rows. Okla. Cotton Grower 24(4): 1-2. Aug. 15, 1945. 72.8 Ok4
- Problems of the cotton industry.
- 18670 BERZAGHI, M. N. Problemas de beneficiamento do algodão. Ouro Branco 10(10): 8. Feb. 1945. 72.8 Ou7
- 18671 BLAKE, R. Sell your Angora wool. Poultry World 77: 19. July 13, 1945. 47.8 P8682
- 18672 BOLSA DE MERCADORIAS DE SÃO PAULO. Perspectivas sobre o consumo mundial de algodão. Rev. do Algodão 15(100): 27-31. May 1945. 72.8 R322
- 18673 BOTHA, M. L. Discolouration in wool. Farming in So. Africa 20: 367-368. June 1945. 24 So842
- 18674 BRANDONISIO, V. Le fibre di canapa, di ginestra e di agave sisalana nella confezione dei diaframmi per oleificio. Olivicoltore 17(10): 16-19. Oct. 1940. 80 OL4
- 18675 CALDWELL, S. A. G. Fibre production and softening. Textile Mfr. 71: 289-291. July 1945. 304.8 T3126
- Jute.
- 18676 CASTRO G. HUIDOBRO, A. En defensa de la lana. Campesino [Santiago] 77: 315-316. June 1945. 9.3 Sol2
- 18677 CHAVEZ, J. O Perú e a situação mundial do algodão. Rev. do Algodão 15(100): 12-15. May 1945. 72.8 R322
- 18678 THE CHEMICAL relations of textile fibres, by "Chemitex." Silk J. and Rayon World 21(255): 30-33. Aug. 1945. 304.8 S13
- 18679 COKER, R. R. Postwar outlook for cotton in South Carolina. Natl. Farm Chemurg. Council. Chemurg. Papers 417, 6 p., processed. Columbus, Ohio, 1945. 381 N213P
- 18680 CONQUISTOS e recuos do tecido nacional [Brazil]. Observador Econ. e Financ. 10(113): 46-59. June 1945. 280.8 Ob72
- 18681 COOK, J. M. Cotton wealth hinges on quality product, declares expert. Cotton Trade J. 25(34): 6. Aug. 25, 1945. 72.8 C8214
- 18682 DANTAS, J. G. A situação do algodão no Brasil. Rev. do Algodão 15(100): 6-11. May 1945. 72.8 R322
- 18683 DAW, F. C. Synthetic fibres versus wool. So. Austral. Dept. Agr. J. 48: 434. May 1945. 23 So84
- 18684 DICK, J. B. Saving good cottonseed essential. This Month in Rural Ala., Aug. 1945, p.8. 6 T34
- 18685 DUFF, M. Ulster long staple rayon and its possibilities; Cyril Lord thinks there are many. Silk & Rayon 19: 842. Aug. 1945. 304.8 S132
- 18686 EDWARDS, H. T. The future of abaca. Cord Age 44(1): 7-8, 10, 12. July 1945. 73.8 C812
- 18687 EVANS, J. W. Much of world's commercial life hinges on cotton, writer declares. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 16. 72.8 C8214
- New York Cotton Exchange.
- 18688 F., H. W. Wool. Amer. Cattle Prod. 27(3): 31. Aug. 1945. 49 P94
- Situation and outlook.
- 18689 FALKNER, G. B. S. Wool's rivals are reviewed; many synthetic fibres now sold on American market. Farmer and Settler 40(19): 6. June 8, 1945. 23 F226
- 18690 FARGHER, R. G. Control of bacterial attack on textiles. Canad. Textile J. 62(16): 38-39, 54-55. Aug. 10, 1945. 304.8 C16
- Mildewproofing and rotproofing.
- 18691 FLAX on an economic basis - payment in 1946 on fibre content, by "M. B. A." Farmer & Stock-Breeder 59: 1197. July 31, 1945. 10 F228
- 18692 FONTANA, L. Note sulla filatura e sulla tessitura nello Scioa. Agr. Colon. 37: 213-217. Aug. 1943. 26 Ag82
- Economic aspects of the cotton textile industry.
- 18693 FORBES, C. B. Ramie; new source of wealth. Amer. Eagle 39(37): 1, 4. Jan. 4, 1945. 6 Am327
- 18694 FUTURE preparation of wool clips; existing standards due for an overhaul, by "Jason." Past. Rev. 55: 430-431. June 16, 1945. 23 Au75
- 18695 GILCHRIST, G. "The cotton future of Texas"; A. & M.'s Gilchrist predicts the return of 5 million bale crops under research into expanded and new uses. West Tex. Today 26(2): 6, 21. Apr. 1945. 286.8 W522
- The A & M College of Texas.
- 18696 GODDARD, C. A. Wool values; points in marketing the farm clip. So. Austral. Dept. Agr. J. 48: 453-455. June 1945. 23 So84
- 18697 GORDON, M. D. Handicaps to Angora wool production. Field 185: 68. July 21, 1945. 10 F45
- 18698 GREENHILL, W. L. Flax processing: the need for research. Austral. Council Sci. and Indus. Res. J. 18: 132-140. May 1945. 514 Au72J
- 18699 HARRISON, G. J., and CRAIG, E. E. Cotton fiber imperfections and their probable relation to yarn quality. Textile Res. J. 15: 247-256. July 1945. 304.8 T293
- 18700 HOCHMAN, C. Central European banks reluctant to back dealers in cotton futures. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 17. 72.8 C8214
- Bretton Woods Agreement.
- 18701 HOPLEY, M., and JACKSON, J. R. F. Proofing textiles against rot, mould and mildew. Textile Rec. 63(749): 41-42, 59. Aug. 1945. 304.8 T311
- 18702 HORNE, C. Private industry financing cotton research project at Texas Tech. West Tex. Today 26(1): 30. Mar. 1945. 286.8 W522
- The Chicopee Manufacturing Company of Chicopee Falls, Mass. sponsors investigations on the spinning quality of cotton at Texas Technological College of Lubbock.
- 18703 HOUSTON, S. N. Australian textile labelling laws; present state of legislation; uniformity lacking. Textile J. Austral. 20: 148-149, 150. June 20, 1945. 304.8 T3134
- 18704 HOUSTON, S. N. Labelling of wool products the critic answered; Australia's duty. Textile J. Austral. 20: 147-148. June 20, 1945. 304.8 T3134
- 18705 HUTSON, P. D. Cotton South reaps dollar harvest from work of New York Exchange. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 34. 72.8 C8214



- 18706 \*INDIAN CENTRAL COTTON COMMITTEE. Annual report of the director, Technological Laboratory, for the year ending 31st May 1944. 42 p. Bombay, 1944. 72.9 In233A
- 18707 JOHNSTON, O. Exchange serves entire industry, says master farmer; futures contract enables grower to get full value for product at time of purchase. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 18. 72.8 C8214  
New York Cotton Exchange.
- 18708 JUTE & canvas trades year-book & directory ... 1945. 99 p. London, Brit.-Continental Trade Press Ltd., 1945. 73.38 J98  
Glossary of jute trade terms, p. 40, 42-43; A jute vocabulary in English, French, Spanish, and German, p. 44-45.
- 18709 LANG, W. R. Aspects of quality control in the textile industry. Textile J. Austral. 20: 141-142. May 21, 1945. 304.8 T3134  
Quality control in wool manufacture.
- 18710 LEAHY, J. Post-war question: Cotton vs. synthetic fibers; or, Cotton and synthetic fibers. Textile B. 68(11): 21-22, 44. Aug. 1, 1945. 304.8 So82
- 18711 LESTER, O. Silica in chemical cotton. Oil Mill Gazetteer 50(2): 14, 17. Aug. 1945. 307.8 O153  
Linters.
- 18712 LITTLE, J. M. Cotton exchanges perform useful function in U. S. economic life. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 22. 72.8 C8214
- 18713 LOCKE, J. M. [New York Cotton] Exchange weathers many storms in long service to cotton trade. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 16. 72.8 C8214
- 18714 LYNCH, D. F. J. Resume of wartime research at the Southern Regional Laboratory. Natl. Farm Chemurg. Council. Chemurg. Papers 416, 3 p., processed. Columbus, Ohio, 1945. 381 N213P  
Cotton research.
- 18715 \*MCCANN, SIR C. Wool's new age of discovery; new methods of preventing shrinkage. Indian Textile J. 55: 564-566. May 1945. 304.8 In2  
Discusses wool fiber research.
- 18716 MCFADDEN, J. H. [New York Cotton] Exchange proves balance wheel for cotton world; futures contract seen as major factor in stabilizing trade on global scale. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 15. 72.8 C8214
- 18717 MACHADO, A. DE O. Fibras de caroi para anagem. Rev. do Algodao 11, 1. e. 15(99): 27-29. Apr. 1945. 72.8 R322
- 18718 MALCOMESS, H. Controlled marketing of wool. Merino Breeders' J. 7(2): 10-13. Apr. 1945. 45.8 So8
- 18719 \*MANGANO, G. Qualche notizia su i distretti cotonieri di Cassala e di Tocar. Agr. Colon. 34: 268-273. July 1940. 26 Ag82  
Includes figures for area cultivated with cotton and production of fiber.
- 18720 MANGET, D. T., JR. Futures system held essential to welfare of cotton industry. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 32. 72.8 C8214
- 18721 \*MARASSI, A. Coltura del cotone nella piana della Gezira. Agr. Colon. 34: 485-502. Dec. 1940. 26 Ag82  
Development of cotton production under irrigation, with statistics of production and discussion of various economic factors.
- 18722 MATHER, W. H. Modern transport, marketing and distribution as key to wool industry prosperity; price stability on well-balanced industrial plan. Primary Prod. [Sydney] 30(23): 6. June 7, 1945. 23 p932
- 18723 MEADOWS, W. R. Regulation better than annihilation, Congress discovers; W. R. Meadows, distinguished author of Cotton Futures Act, lifts veil on events preceding historic enactment of law that vindicated value of futures trading. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 19, 32. 72.8 C8214
- 18724 MOORE, W. B. Cotton at the crossroads; its opportunities, challenges and threats to be studied at Sixth Annual Cotton Research Congress on July 12-13. West Tex. Today 26(4): 9. June 1945. 286.8 W522  
Cotton Research Congress, 6th, Dallas, July 12-13, 1945.
- 18725 THE NEW York Cotton Exchange: historical background; preamble and constitution mirror stringent ethical code guiding members of great trading center. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 6. 72.8 C8214
- 18726 NICHOLS, S. R. Warehousemen play major role in speeding cotton to markets. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 17. 72.8 C8214
- 18727 NODDER, C. R. The lustre of jute. Jute & Canvas Rev. 16(202): 7. July 1945. 73.38 J982
- 18728 O'LOGHLEN, F. Dorset Horn claims lead to investigation; surprising results seen; wool quality revelation. Country Life [Sydney] 56(48): 20. June 15, 1945. 286.85 Sy2
- 18729 OWEN, A. Kipling refuted! East does meet west in trade on cotton futures. Cotton Trade J., Aug. 11, 1945, sect. 2, p. 16. 72.8 C8214  
New York Cotton Exchange.
- 18730 PARTON, MRS. L. L. Clipping and grading Angora wool. Poultry Farmer [London] 113(2926): 9. July 20, 1945. 47.8 F312
- 18731 PIOLETTI, L. A. Las lanas y las fibras artificiales. Diario Rural 4(478): 12. Apr. 16, 1945. 9.9 D54  
On the need for Uruguay to safeguard its wool industry.
- 18732 A QUESTAO algodoeira. Observador Econ. e Financ. 10(111): 109-120. Apr. 1945. 280.8 Ob72  
The position of the Brazilian industry.
- 18733 \*RAO, M. J. A note on the marketing of cotton in the regulated cotton markets of Berar and Bombay Presidency. Madras Agr. J. 29: 387-392. Oct. 1941. 22 M262
- 18734 RENDELL, L. P. Nylon and other auxiliary fibres. Textile J. Austral. 20: 175-176. June 20, 1945. 304.8 T3134  
Includes discussion of Ardl and rayon.
- 18735 \*RISO, R. Cotoni delle terre italiane d'oltremare. Agr. Colon. 34: 375-383. Sept. 1940. 26 Ag82  
Characteristics of the fiber.
- 18736 ROSE, P. D., and WARREN, E. N. S. Karakul wool. Farming in So. Africa 20: 373-376. June 1945. 24 So842
- 18737 ROSE JIBAJA, J. El algodón en el Perú. U. Nac. Mayor de San Marcos. Facul. de Cien. Econ. Rev., No. 31, p. 144-170. Dec. 1944. 280.8 R328  
A study of the industry.
- 18738 ROSS, J. C. Safeguarding the wool industry; biological research to improve quality; problems of production and distribution. Westralian Farmers' News 6(251): 8; (252): 8. July 20, 27, 1944. 280.28 W523
- 18739 \*SALERNO, A. Le qualità fisiche dei principali tipi di lane prodotte nelle aziende di colonizzazione del Chenia. Agr. Colon. 35: 305-313. Aug. 1941. 26 Ag82
- 18740 \*SALERNO, A. Le qualità fisiche del filamento del vello degli ovini dell'altopiano abissino. Agr. Colon. 36: 289-293. Nov. 1942. 26 Ag82
- 18741 SCHIFFMAN, E. G. Bargaining for premiums on flaxseed. News for Farmer Coops. 12(5): 17-18. Aug. 1945. 166.2 N47  
Southwest Flaxseed Association.



- 18742 SMITH, G. Tar brands in wool. *Westralian Farmers' News* 6(299): 1. July 5, 1945. 280.28 W523
- 18743 SMITH, G. Wool and scientific research. *Westralian Farmers' News* 6(298): 5-6. June 28, 1945. 280.28 W523
- 18744 SMITH, G. The wool year and Wesfarmers. *Westralian Farmers' News* 6(250): 5. July 13, 1944. 280.28 W523
- 18745 SUAREZ DE CASTRO, F. La fimura en el algodón. *Agr. Trop.* 1(5): 47-48. June 1945. 26 Ag8
- 18746 TEASE, G. D. Australia's textile industry must be developed. *Textile J. Austral.* 20: 126. May 21, 1945. 304.8 T3L34
- 18747 \*THORIA, L. The bleaching of cellulose in linters. *Indian Chem. Soc. J., Indus. & News Ed.* 7: 123-132. 1944. 385 In27A
- 18748 \*VEDAMANI, M. S. Paper making as a cottage industry. *Madras Agr. J.* 30: 264-266. Aug. 1942. 22 M262
- Fibrous plant material is used.
- 18749 WAMBSGANSS, M. E. Chile's hemp production. *Foreign Com. Weekly* 20(5): 8-9. July 28, 1945. 157.54 F763
- 18750 WHAT is the most profitable type of wool? by "Old Hand." *Past. Rev.* 55: 428-429. June 16, 1945. 23 Au75
- 18751 WHITNEY, D. J. Cotton men view the future. *Calif. Cult.* 92: 434, 453. Aug. 8, 1945. 6 C12
- 18752 WILLIAMS, S. Drift in merino wool quality; improvements needed to meet competition; influence of breeding and feeding. *Westralian Farmers' News* 6(253): 5. Aug. 3, 1944. 280.28 W523
- 18753 WINTERS, S. R. Ramie; miracle weed. *Mfrs. Rec.* 114(8): 42-43, 78, 80. Aug. 1945. 297.8 M31
- 18754 WORTH, H. Anniversary recalls colorful personalities of yesteryear; ghosts of Sully and Scales and all the great in cotton stalk exchange floor. *Cotton Trade J., Aug. 11, 1945, sect. 2, p. 20, 38-39.* 72.8 C8214
- New York Cotton Exchange.
- FRUITS, VEGETABLES, AND NUTS
- 18755 BELTRAN G., G. Bases para la reorganización de la industria bananera. *Trop. Agr.* 1(6): 11-13. (To be cont.) July 15, 1945. 26 Ag8
- Colombia.
- 18756 CAMERON, A. E. Continuity of orange supplies; supply potentialities of greater Mildura district; developing late valencias and early navel types. *Citrus News* 21: 58-59. May 31, 1945. 80 C494
- 18757 CHANDLER, J. A golden opportunity. *Better Fruit* 40(2): 17, 18. Aug. 1945. 80 B46
- Grading and packing of apples as best form of publicity.
- 18758 \*CHOUARD, P. Les enseignements du Congrès National Pomologique de 1943. *Rev. des Agr. de France* 75: 181. Dec. 1943. 14 R325
- 18759 \*CRAVINO, A. Orientamenti ortofrutticoli. *Inform. Agr. [Roma]* 4: 4-6. Nov./Dec. 1940. 16 In3
- 18760 DOWSETT, C. P. The pome fruits industry in New South Wales. *Rural Bank N. S. Wales. Farm Front* 3: 81-84, processed. June 1945. 281.9 R883
- 18761 DUCHESNE, J. E. Prévisions sur la récolte de patates dans l'est du Canada. *Terre de Chez Nous* 17(46, 1. e. 45): 4. Aug. 15, 1945. 7 T27
- 18762 FOSTER, A. C. Potato production. *Food Front* 2(3): 31-32. June 1945. 281.8 F73
- Supply position, growers' agreement, and postwar marketing in Australia.
- 18763 GIRÓN GALVÁN, H. La importancia del cultivo de la piña. *Rev. de Econ.* 8(8): 8-10. Aug. 10, 1945. 280.8 R3293
- Includes trade.
- 18764 HARRINGTON, L. Grass that ain't hay; a crop immigrant from Europe that has made a valuable place for itself in Ontario - Growers develop orderly [asparagus] marketing scheme through their cooperative. *Farmer's Mag.* 42(8): 7, 34-35. Aug. 1945. 7 C165
- 18765 \*HAZANOFF, A. Renewing the almond industry in Palestine. (In Hebrew.) *Hassadeh* 25: 317-319. (To be cont.) June 1945. 26 H27
- 18766 HUBBARD, W. W. N. B. fruit industry has bright future. *Marit. Farmer and Co-op. Dairyman* 50(22): 12, 48. Aug. 21, 1945. 7 C77
- 18767 \*INSTITUT DES FRUITS ET AGRUMES COLONIAUX. L'économie des agrumes dans l'empire colonial français et dans le monde. *Inst. des Fruits et Agrumes Colon. Sér. Econ., No. 1, 58 p.* Paris, 1944. 286.3939 F21
- 18768 MANESS, H. Citrus in Latin America. *Agr. in the Americas* 5: 147-150. Aug. 1945. 1 F752A
- 18769 \*MANGO, A. Sguardo alla viticoltura nel 1941. *Inform. Agr. [Roma]* 4: 3-4. Nov./Dec. 1940. 16 In3
- 18770 MERCKER, A. E. 1945 potato crop prospects. *Potato Chipper* 5(2): 3-4. Aug. 1945. 75.8 P844
- 18771 MINNEMAN, P. G. Cuban banana industry - annual report for 1944. 8 p., processed. Habana, Amer. Embassy, 1945. 286.3939 Un32
- 18772 MULLEN, A. J. Coconut products; major aspects of world production and trade; Philippines, now in spotlight, play big role. *Foreign Com. Weekly* 20(8): 5-7, 52. Aug. 18, 1945. 157.54 F763
- 18773 \*NANJUNDIAH, K. Potato cultivation. *Madras Agr. J.* 33(1/2): 16-20. Jan./Feb. 1945. 22 M26B
- Includes production, consumption, and price control.
- 18774 ORTEGA, P. Para ayudar a la buena alimentación. *Honduras Agr.* 1(8): 20. June 1, 1945. 8 H753
- Recommends the keeping of municipal gardens to supply plants for food production.
- 18775 PALMER, C. D., and SCHLOTZHAUER, E. O. Trends in grape production and utilization. *Agr. Situation* 29(8): 21-23. Aug. 1945. 1 Ec7Ag
- 18776 ROMERO, G. Fomento de la producción naranjera. *Paraguay. Min. de Agr. Rev., No. 7, p. 44-48.* Mar. 1945. 9.7 Ag8Re
- 18777 ROY, J. B. Au temps des bleuets. *Terre de Chez Nous* 17(43, 1. e. 44): 12. Aug. 8, 1945. 7 T27
- The blueberry industry in Quebec.
- 18778 SAMUELS, J. K. A look ahead for fruits and vegetables. *News for Farmer Coops.* 12(5): 3, 16. Aug. 1945. 166.2 N47
- 18779 \*SANKARAM, A. Cultivation and marketing of papaya in the West Godavari District. *Madras Agr. J.* 30: 247-255. Aug. 1942. 22 M262
- Includes papain extraction and costs and profits of papaya production.
- 18780 SCRUGGS, F. H. Preliminary summary Florida citrus crop, season of 1944-1945. *Citrus Indus.* 26(8): 10. Aug. 1945. 80 C49
- 18781 \*SHUMMUKHASUNDARAM, R., and NAIDU, D. K. Some promising fruit products of south India. *Madras Agr. J.* 29: 351-355. Sept. 1941. 22 M262
- 18782 \*SIEVERT, R. Die wintergemüseversorgung 1944/45. *Nationalsoz. Landpost, No. 1, p. 2.* Jan. 5, 1945. 18 N212
- 18783 \*SINGH, B. N. Importance of the fruit products industry in India. *Madras Agr. J.* 29: 360-363. Sept. 1941. 22 M262
- 18784 \*SVENSSON, H. Der norwegische hackfrucht-bau. *Mitt. f. die Landw.* 59: 605. July 1, 1944. 18 D48M
- 18785 TORRES, J. M. Importancia de la citricultura en el Delta del Paraná. *Corp. Frutícola Argentina. Rev. Ofic.* 11(126): 15-16. June 30, 1945. 83 C81



18786 TRENDLELL, M. Where is Potato Pete? Fruit Grower, Fruiterer, Florist & Market Gard. 100: 84. Aug. 2, 1945. 80 F941

Problems of the potato industry in Great Britain.

18787 \*TRIGONA, G. L'agricoltura in Tripolitania. Agr. Colon. 36: 124-134, 162-166. May-June 1942. 26 Ag82

Development and possibilities of the industry.

18788 TURNER, A. G. Horticultural development in Province of New Brunswick. Canad. Hort. and Home Mag. Growers' Ed. 68: 165-167. (To be cont.) July/Aug. 1945. 80 C16

18789 VARELA MARTÍNEZ, R. El Valle del Cauca y la producción de naranja. Agr. Trop. 1(5): 7-9. June 1945. 26 Ag8

Marketing, industrial utilization, and the amount of oranges which Colombia could consume.

18790 \*VISWANATHAN, T. K. Some noteworthy features of fruit industry in Rajampet Taluk. Madras Agr. J. 29: 381-387. Oct. 1941. 22 M262

18791 \*VOGLER, Die neue pflanzkartoffelbewirtschaftung 1944/45 und ihre anwendung im Gau Moselland. Landesbauernschaft Moselland. Wchnbl., No. 28, p. 299. July 8, 1944. 18 L2328

18792 WALL, G. M. Applemen act to avert disaster [Canada]. Family Herald and Weekly Star 76(33): 9. Aug. 15, 1945. 7 F21

18793 WANNOP, A. R. Scottish seed potatoes. (Sum.) Scot. Farmer 53: 886. Aug. 18, 1945. 10 Sco8

Economic aspects of production.

18794 WHO RUNS B. C.'s tree fruit industry? Country Life [Vernon] 29(8): 15. Aug. 1945. 7 C832

Chart showing the organization of the B. C. Fruit Growers' Association, with commentary by A. K. Loyd.

18795 WOLFF, E. Vegetables plentiful in North [Canada]. Family Herald and Weekly Star 76(35): 6. Aug. 29, 1945. 7 F21

#### Analysis and Composition

18796 \*JOACHIM, A. W. R., and PANDITTESEKERE, D. G. Investigations of the hydrocyanic acid content of manioc (manihot utilisima). Trop. Agr. [Ceylon] 100: 150-163. July/Sept. 1944. 26 T751

#### Consumption and Utilization

18797 BALZAROTTI, E. Utilización de la yuca. Vida Rural 6(70): 18. May 1945. 9.4 V66

18798 \*BEINERT, Kein kartoffelkraut verbrennen! Landesbauernschaft Moselland. Wchnbl., No. 37, p. 480. Sept. 11, 1943. 18 L2328

18799 CRUESS, W. V. New uses for dried fruit. Fruit Prod. J. and Amer. Food Mfr. 24: 324-326, 345. July 1945. 389.8 F94

18800 \*JOHN, C. M. Industrial uses of cashew and its products. Madras Agr. J. 29: 175-178. May 1941. 22 M262

18801 MENDEZ, R. O. Materiales plasticos derivados del maíz. Indus. y Quím. 7: 205-207. June 1945. 386 In28

18802 \*SCHN. Die verwertung der kartoffelernte. Landesbauernschaft Moselland. Wchnbl. 47: 596. Nov. 20, 1943. 18 L2328

#### Distribution, Marketing, and Transportation

18803 BAGBY, J. Fruit and vegetable marketing. Jefferson Co. Truck Growers B. 18(4): 3. Apr. 1945. 6 J35

18804 CURRY, T. C. Square deal in a hurry. Blue Anchor 22(3): 21, 34-35. Aug. 1945. 286.83 B62

Operation and application of the Perishable Agricultural Commodities Act.

18805 JOLLY, G. S., and MEAKER, R. D. Vegetable marketing losses and suggested remedial measures [Australia]. Rev. Mktg. and Agr. Econ. (n. s.) 13: 143-148, processed. June 1945. 286.8 N47M

18806 MOSCRIP, J. Florida citrus promotion. South. Canner & Packer 6(7): 8-9. July 1945. 389.8 So82

Advertising and sales promotion work of the Florida Citrus Commission.

18807 REID, E. B. Ruskin [Vegetable Cooperative], helps growers diversify. News for Farmer Coops. 12(5): 7-8. Aug. 1945. 166.2 N47

18808 SAMPER, A. Consideraciones sobre el mercado de frutas en Medellín. Agr. Trop. 1(5): 53-55. June 1945. 26 Ag8

18809 SCOTT, F. Future of apple marketing [Great Britain]. N. F. U. Rec. 23: 213-214. Aug. 1945. 281.8 N21

18810 SCOVILLE, G. P., and others. Marketing the 1943 apple crop western New York; 56 farms in Niagara County, Hudson Valley, 49 farms in Ulster County. N. Y. Agr. Col. (Cornell) A. E. 525, 24 p., processed. Ithaca, 1945. 281.9 C81

F. Pringle, H. Farling, and E. Stanway, joint authors.

18811 SEQUEIRA, C. Tropical fruit on your post-war table. Homemaker 8(3): 33-35. Apr. 1945. 321.8 B46

Transportation of tropical fruits from Latin America by air.

18812 VAN TUYLE, H., and RUMMELL, L. L. Post-war marketing of vegetables. Market Growers J. 74(8): 5, 26. Aug. 1945. 6 M34

18813 \*VENKATKRISHNAN, G. Marketing of fruits with special reference to grapes in the Madura District and suggestions for its improvement. Madras Agr. J. 30: 83-87. Mar. 1942. 22 M262

18814 WEBER, G. W. Setting a fast pace in citrus. News for Farmer Coops. 12(5): 15-16. Aug. 1945. 166.2 N47

Role of cooperatives in the citrus industry.

#### Grading, Inspection, Standardization, and Quality

18815 LOYD, A. K. Okanagan's peach production increasing: growers warned quality fixes their returns. Country Life [Vernon] 29(8): 9. Aug. 1945. 7 C832

18816 \*VISWANATHAN, T. K. Grading of Sathukudi oranges. Madras Agr. J. 30: 345-347. Oct. 1942. 22 M262

#### Packing and Packaging

18817 ADAM, W. B. Corrosion and hydrogen swells in canned vegetables. Bristol U. Fruit and Veg. Preserv. Res. Sta. Ann. Rpt. 1944: 37-45. 389.9 B77A

18818 COLLINS, J. H. Grocer packaging; so many retailers do it, that machinery is coming. West. Grower and Shipper 16(9): 11, 23. Aug. 1945. 280.38 W52

Fruit and vegetable packaging.

18819 JAMES, D. M. Fruit packing errors; a member of the Inspection Service reports on observations East. Fruit Grower 8(6): 12, 17, 21. Aug. 1945. 80 Ea73

18820 PETERS, J. Cooperative fruit packing including notes on the improvement of quality of apples. East. Fruit Grower 8(6): 14, 15, 22. Aug. 1945. 80 Ea73

#### Prices, Price Control, and Rationing

18821 AUSTRALIA. DEPT. OF COMMERCE AND AGRICULTURE. PRICES BRANCH. Control of fruit prices. Food Front 2(1): 36-37. Dec. 1944. 281.8 F73

18822 AUSTRALIA. DEPT. OF COMMERCE AND AGRICULTURE. PRICES BRANCH. Vegetable price control. Food Front 1(4): 38-39. Sept. 1944. 281.8 F73

18823 REITZ, J. W. War-time price control of fresh citrus fruits. J. Farm Econ. 27: 553-570. Aug. 1945. 280.8 J822



Processing and Storage

18824 BAIER, W. E. How the citrus industry measures it. IV. Lemon storage ventilation. Calif. Citrog. 30: 306, 318. Aug. 1945. 80 C125

18825 BIANCHI, J. A. Almidón de mandioca. Indus. y Quím. 7: 212-216. June 1945. 386 In28

Reply to a reader asking for information on the manufacture of cassava starch.

18826 COFER, E. Freezing the vegetables. Farm and Dairy [Salem] 31(49): 1. Aug. 10, 1945. 6 F2279

18827 COOPER, J. F. Widening the fruit juice market with concentrates; freezing method of concentrating fruit juices holds promise for growers. Amer. Fruit Grower 65(8): 7-8. Aug. 1945. 80 G85  
Citrus juices.

18828 CRUESS, W. V. A note on syrup processed dried fruits. Canner 101(12): 22. Aug. 18, 1945. 286.83 C16

18829 DOWSETT, C. P. The Australian jam, fruit, and vegetable canning industry. Rural Bank N. S. Wales. Farm Front 3: 84-87, processed. June 1945. 281.9 R883

18830 FERNÁNDEZ, G. M. El repollo fermentado (choucroute); indicaciones para su preparación. Agrario 9(343): 19. July 31, 1944. 9.3 Ag85

18831 FOSTER, G. B. Herbs in canned vegetables. Horticulture 23: 354. Aug. 1945. 80 H787

18832 FRIAR, H. F., and VANHOLTEN, P. Effect of sulfiting on maximum drying temperature of vegetables. (Rep.) Fruit Prod. J. and Amer. Food Mfr. 24: 337-339. July 1945. 389.8 F94

18833 GREAT BRITAIN. MINISTRY OF FOOD. DEHYDRATION DIVISION. TECHNICAL STAFF. British vegetable dehydration. Food Manufacture 20: 271-276. Aug. 1945. 389.8 F736

18834 GUÉRIN, B. Sur l'aptitude à la cuisson des légumes secs. Ann. Agron. [Paris] (n. s.) 10: 270-286. Apr./June 1940. 14 An75A

18835 JACOB, K. C. Banana figs and banana flour with special reference to Madras varieties. Madras Agr. J. 29: 217-221. June 1941. 22 M262  
Yield in dried bananas and composition of dried bananas and banana flour.

18836 JOHN, C. M., and NARAYANA, G. V. A simple method of preserving seed coconuts. Madras Agr. J. 30: 148-149. May 1942. 22 M262

18837 MITCHELL, C. Preservation of fruit & vegetables on the farm & in the home; apple recipes. Agr. Gaz. N. S. Wales 56: 249-260. June 1, 1945. 23 N472

18838 MORRIS, L. L. Sweet corn tests indicate the value of keeping sweet corn "ice cold" by package icing. West. Grower and Shipper 16(9): 18-19. Aug. 1945. 280.38 W52

18839 PENTZER, W. T. Tests with straw-filled pads for the storage of grapes -- 1944 season. Blue Anchor 22(3): 20, 35. Aug. 1945. 286.83 B62

18840 ROUDIER, H. L'industrie de la banane séchée. Inst. des Fruits et Agrumes Colon. Sér. Tech. 1, 36 p. Paris, 1945. 389.9 P21

18841 SANSORES MANZANILLA, A. Almidón de yuca. Fomento [monthly] 2(19): 14-15. May 1945. 8 F734  
Manufacture.

18842 SCHLUMBERGER. Das schwitzen der kartoffeln. Landesbauernschaft Moselland. Wchnbl., No. 52, p. 658. Dec. 25, 1943. 18 L2328

18843 SMITH, E., and GERHARDT, F. Ways to keep Delicious crisp, juicy despite war shortages. Better Fruit 40(2): 13, 15-16. Aug. 1945. 80 B46

Effect of low temperatures on the storage of Delicious apples.

18844 U. S. BUREAU OF FOREIGN AND DOMESTIC COMMERCE. FOODSTUFFS UNIT. Outlook for canned fruits and vegetables is one of scarcity. Canner 101(12): 18-19, 44. Aug. 18, 1945. 286.83 C16

U. S. Office of Price Administration, Food Rationing Division and U. S. Bureau of the Census, Business Division, joint authors.

18845 VARIETY, its effect on dehydrated spinach quality. Pt. II-III. Canner 101(10): 22-24, 26, 32; (11): 20, 22. Aug. 4, 11, 1945. 286.83 C16

18846 VEIGA, A. DE A. Suco de uvas. Chacaras e Quintais 71: 750-752. June 15, 1945. 9.2 C34  
Manufacture.

18847 WAGER, H. G., and others. The drying of potatoes. Food Manufacture 20: 289-293. (To be cont.) Aug. 1945. 389.8 F736

R. G. Tomkins, S. T. P. Brightwell, R. J. L. Allen, and L. W. Mapson, joint authors.

Fourth article of a series on vegetable drying.

18848 WICKS, H. N. Storage of seed potatoes; suggestions to relieve storage space. So. Austral. Dept. Agr. J. 48: 461-462. June 1945. 23 So84

18849 ZIMMERMAN-GRIS, S. The storage of potatoes. (In Hebrew.) Hassadeh 25: 311-314. June 1945. 26 H27

Statistics

18850 CROCE, F. M. La fruticultura mendocina. Corp. Frutícola Argentina. Rev. Ofic. 11(126): 17-18. June 30, 1945. 83 C81

Statistical survey of the industry.

18851 D., C. P. Fruit juice production in Australia. Rural Bank N. S. Wales. Farm Front 3: 92-93, processed. June 1945. 281.9 R883  
Statistical.

18852 HARTARD EBERT, M. Apreciabile incremento registra en el país la producción de conservas. Campesino [Santiago] 76: 261-262. May 1945. 9.3 Sol2

Statistics of production for Chile.

18853 KNEEN, T. H. Fruit industry statistics [Victoria]. Victoria. Dept. Agr. J. 43: 314-315. July 1945. 23 V66J

GRAIN AND GRAIN PRODUCTS

18854 AMARGOS, J. L. Historia del arroz. Agrario 9(359): 12. Apr. 16, 1945. 9.3 Ag85

18855 ANANDAN, M., and REDDY, K. R. A cheap process of preparing charcoal for activated carbon. Madras Agr. J. 31: 55-56. Feb. 1943. 22 M262  
A simplified method of making carbon from paddy husk.

18856 AVANZI, E., and CANDIO, M. Prove di macinazione e di panificazione con grani e durre provenienti dall'Etiopia. R. Ist. Agron. per l'Africa Ital. Relaz. e Monog. Agr.-Colon., No. 69, 83 p. Firenze, 1943. 16 Is7

18857 BAUMER, W. Fondo estabilizador de los precios mínimos de los cereales. (Excerpt.) Buenos Aires y La Pampa, No. 80, p. 41-42, 44. June 1945. 9 B868

18858 BAUMGARTEN, W., STONE, L., and BORUFF, C. S. Aminic acid composition of grain alcohol fermentation by-products. Cereal Chem. 22: 311-320. Ref. July 1945. 59.8 C33

18859 BOISCHOT, P., HURIEZ, H., and HERVIAUX, J. La culture du sarrasin. Ann. Agron. [Paris] (n. s.) 13: 130-135. Apr./June 1943. 14 An75A

Utilization and analysis.

18860 BUTTNER, E. E. Are our cereals inferior to the imported? So. African Poultry, Pigeon and Bird Mag. 51: 146. June 1945. 47.8 So83

Chemical analysis.

18861 CARRERA, C. El tratamiento o cura de las semillas de los cereales. Res 13: 17608-17609. June 20, 1945. 286.85 R31

18862 CIFERRI, R., and BARTOLOZZI, E. La produzione cerealicola dell'Africa Orientale Italiana nel 1938. Agr. Colon. 34: 441-450, 502-515. Nov.-Dec. 1940. 26 Ag82

Statistical.

18863 COMBS, W. B. The history of grain inspection. Northwest. Miller 223(6): 4, 6, 27, 28, 40. Aug. 8, 1945. 298.8 N81



- 18864 CROMWELL, R. O. North American wheat flour production; capacities and operation potentials by size of mills and by regions. Northwest. Miller 223(6): 19-20, 25, 26. Aug. 8, 1945. 298.8 N81  
Includes statistical tables.
- 18865 \*CUCCURULLO, M. Esame chimico-tecnologico dei prodotti di macinazione indigena della durra. Agr. Colon. 37: 141-149, 186-191. June-July 1943. 26 Ag82  
Analysis of milled durra products.
- 18866 DOMINICAN REPUBLIC. SECRETARÍA DE ESTADO DE AGRICULTURA, INDUSTRIA Y TRABAJO. SECCIÓN DE ESTADÍSTICA. Estadística sobre cultivo del arroz, año 1944 35 p., processed. n. p., 1945? 254.8 D7122
- 18867 DRUCE, P. C. The wheat situation in the four main exporting countries. Rev. Mktg. and Agr. Econ. (n. s.) 13: 133-137, processed. June 1945. 286.8 N47M  
Canada, the United States, Argentina, and Australia.
- 18868 ELION, E. The cereal amylases. Baker's Digest 19: 95-96, 112. Aug. 1945. 389.8 S11
- 18869 \*FIORENTINI, G. Contributo alla conoscenza delle caratteristiche chimico-tecnologiche delle cariossidi di dura dell'Africa Orientale Italiana. Agr. Colon. 36: 134-139. May 1942. 26 Ag62
- 18870 FISHER, J. R. Analysis of F. A. Q. wheat for the season 1944-45; the seasonal influence on quality. Agr. Gaz. N. S. Wales 56: 239-242. June 1, 1945. 23 N472
- 18871 HARREL, C. G., and BROWN, R. O. Oils and fats in the milling industry. Oil & Soap 22: 192-194. Aug. 1945. 307.8 J82  
Fat content of flour.
- 18872 HEISIG, C. P., and AHRENDES, E. R. What wheat policies after the war? Agr. Situation 29(7): 8-12. July 1945. 1 Ec7Ag
- 18873 HIGGINS, F. H. California rice crop "best in years"! Rice J. 48 (7): 3-5, 24-26. July 1945. 59.8 R36
- 18874 KENNEDY, N. F. Corn and American industries. Natl. Farm Chemurg. Council. Chemurg. Papers 420, 17 p., processed. Columbus, Ohio, 1945. 381 N213P  
Industrial utilization of corn.
- 18875 LONGWELL, J. H. Effect of storage on the feed value of hard red spring wheat. N. Dak. Agr. Expt. Sta. Bimo. B. 7(6): 3-5. July/Aug. 1945. 100 N813B
- 18876 MCLEAN, J. H. What the housewife likes in flour; the frank story of what a housewife finds when she tries to combine flours in wartime cooking. Milling and Feed 26(8): 7-8. Aug. 1945. 298.8 C162  
Kinds of flour preferred.
- 18877 MILLS, W. H. Ample wheat crop. Flour & Feed 46(3): 34. Aug. 1945. 298.8 F66
- 18878 \*MONCHILOV, I. Otkrivane smilfen pifavetâ Lolium temulentum v brashna i iarmi [Detection of ground darnel Lolium temulentum in flour and in bran]. Spis. Zeml. Izp. Inst. B"lgariia 13(1/2): 20-28. Jan./June 1943. 106.3 R32  
German summary.
- 18879 MURPHY, E. J. The grading of Kansas wheat. Grain & Feed J. Consolidated 95: 65, 69. July 25, 1945. 298.8 G762
- 18880 NELSON, A. C. History of a co-operative elevator. GTA Digest 5(8): 16-20. Aug. 1945. 280.28 G11  
The Kathryn Farmers Mutual Elevator Company.
- 18881 NESBITT, L. D. The wheat situation. West. Farm Leader 10: 268. Aug. 17, 1945. 280.28 W52
- 18882 PARRA ARCE, J. Cálculo del desgrane de arroz. Agr. Trop. 1(6): 14-15. July 15, 1945. 26 Ag8
- 18883 PARSONS, M. S. Northeast region would not benefit by raising more feed; grain analysis shows. Feed Bag 21(7): 35-36, 94. July 1945. 389.78 F32
- 18884 \*PERINETTI, A. Risultati delle esperienze eseguite su grani dell'Africa Italiana. Agr. Colon. 37: 209-213. Aug. 1945. 26 Ag82  
Analysis and bread-making quality of wheat.
- 18885 RAMELLA, R. Vamos en camino de ser exportadores de arroz. Chacra 15(177): 10. July 1945. 9 C34  
Argentina.
- 18886 SINGER, J. E. Be ready! For official mill inspection. Amer. Miller and Processor 73(8): 38. Aug. 1945. 298.8 Am32  
U. S. Food and Drug Administration.
- 18887 \*ULRICH. Bewahrt die getreideernte vor verlusten! Landesbauernschaft Moselland. Wchnbl., No. 37, p. 482. Sept. 11, 1943. 18 L2328
- 18888 U. S. S. R. SOVET NARODNYKH KOMISSAROV I TSK VKr(b). Ob uluchshenii semenovodstva zernovykh kul'tur [Concerning the improvement of the grain seed industry]. Sovkhoz. Proizvod. 5(3): 1-5. Mar. 1945. 20 So85
- 18889 \*VANNUCCINI, G. Il tecnico agricolo nella produzione cerealicola. Avanguardia Rurale 11: 79-80. May/June 1940. 16 Av1  
Indicates the fields in grain production where expert knowledge is required.
- 18890 WELSH, J. L. Science and chemistry may bring end to grain surpluses says J. L. Welsh. Grain & Feed Rev. 34(12): 6, 47-48. Aug. 1945. 280.28 C78  
Industrial utilization of grain.
- 18891 WITT, P. R., JR. Effect of kilning on the amylolytic activity of barley malts. Cereal Chem. 22: 341-349. July 1945. 59.8 C33

## HONEY AND BEESWAX

- 18892 GAMELE, R. Scumming, straining and storing the honey. Smallholder 73(1846): 18. Aug. 3, 1945. 10 Sml
- 18893 WALTON, G. P. Honey ... a sweetening substance of direct interest to the baker. Bakers' Weekly 127(8): 44-47. Aug. 20, 1945. 389.8 B172

## LIVESTOCK AND LIVESTOCK PRODUCTS

- 18894 BAILEY, C. F. Beef cattle industry yesterday and today. Marit. Farmer and Co-op. Dairyman 50(22): 20-21. Aug. 21, 1945. 7 C77
- 18895 BISSON, J. E. La production porcine de l'Ouest va-t-elle supplanter celle de l'Est du Canada? Terre de Chez Nous 17(46, 1. e. 45): 7. Aug. 15, 1945. 7 T27
- 18896 \*BROICHER. Ueber 2 jahre schlachtvieh-ablieferungspflicht in Luxemburg. Landesbauernschaft Moselland. Wchnbl., No. 50, p. 631. Dec. 11, 1943. 18 L2328
- 18897 CÁCERES ERIE, A. Recuperación ganadera y recuperación de la campaña. Diario Rural 5, 1. e. 4 (417): 16. Sept. 30, 1944. 9.9 D54  
Policy for the livestock industry and for other farm problems in Uruguay.
- 18898 \*GERDELLI, U. La zootecnia. Inform. Agr. [Roma] 4: 2-3. Nov./Dec. 1940. 16 In3  
Italian provisions regarding livestock in 1940.
- 18899 COCHEL, W. A. Shall we feed cattle again? Successful Farming 43(9): 98, 100-101. Sept. 1945. 6 Sul2
- 18900 CONWAY, H. M. More conservative postwar policies for all live stock. Natl. Live Stock Prod. 23(11): 6. Sept. 1945. 280.38 N21
- 18901 \*COPPINI, R. Importanza dell'allevamento dell'agnellone. Azione Vet. 12: 81-85. Apr. 1943. 41.8 Az3
- 18902 DAVIS, J. C. Has Germany's rabbit industry saved her from earlier defeat? Small Stock Mag. 29(8): 39. Aug. 1945. 48.8 P442
- 18903 \*DOBIGNIES, J., and DOBIGNIES, A. Il faut à la France une politique du mouton. Rev. des Agr. de France 75: 40-41. Mar. 1943. 14 R325



- 18904 DOWNEY, L. A. Brood sows will be needed. Farmer and Settler 40(21): 7. June 22, 1945. 23 F226  
Policy for reductions in hog stocks owing to feed shortages.
- 18905 FARR, H. W. Meat production hits all-time peak during past four years. Coastal Cattleman 11 (6): 8-9. Aug. 1945. 43.8 C63  
Production of wool, meat, dairy products, and skins.
- 18906 \*GATTI, L. Produzioni animali del territorio dei Galla e Sidama. Agr. Colon. 36: 215-221. Aug. 1942. 26 Ag82  
Production of wool, meat, dairy products, and skins.
- 18907 GREVE S., G. Perspectivas de la industria ovina en el país [Chile]. Agrario 9(362): 1, 6. May 30, 1945. 9.3 Ag85
- 18908 GREVE S., G. Prolegomeno al problema ganadero. Agrario 9(362): 7. May 30, 1945. 9.3 Ag85  
Characteristics of the industry in Chile.
- 18909 GREVE S., G. Proyecciones zootécnicas de Palermo. Agrario 9(343): 7, 14. July 31, 1944. 9.3 Ag85  
The Argentine livestock industry.
- 18910 HOGG, R. Amanecer de la cabaña argentina Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1 (6/7): 38-41. Mar./Apr. 1945. 49 B86
- 18911 HORN, E. F. Brazilian livestock industry; war needs and domestic requirements create scarcity of supply. Brazilian Business 25: 121-130, 147-148, 154, 158, 160, 162. Mar. 1945. 286.8 B732
- 18912 JOHNSON, E. H. Argentina's meat output in 1945 to be smaller than 1944 record level. Foreign Crops and Markets 51: 91-94, processed. Aug. 20, 1945. 1.9 St2F
- 18913 JONES, J. R. Raising beef cattle in South Carolina. Natl. Farm Chemurg. Council. Chemurg. Papers 412, 4 p., processed. Columbus, Ohio, 1945. 381 N213P
- 18914 \*LELOUP, D. La situation du cheptel bovin français. Rev. des Agr. de France 75: 51-53. Apr. 1943. 14 R325
- 18915 LIKERMAN, J. E. Una actividad provechosa: la cría del conejo; sacrificio y extracción del cuero. Mundo Aric. 8(88): 37-38, 48. June 1945. 47.8 M92
- 18916 MCAULIFFE, W. S. Prospects of the pig industry. So. Austral. Dept. Agr. J. 48: 450-452. June 1945. 23 So84  
Need for a quality standard emphasized.
- 18917 MCGREGOR, W. A. The commercial end of our business. Aberdeen-Angus J. 27(1): 35. Aug. 1945. 43.8 Ab3  
The Aberdeen-Angus cattle industry.
- 18918 \*MAYMONE, B. Il tecnico agricolo e la produzione zootecnica. Avanguardia Rurale 11: 81-82. May/June 1940. 16 Av1
- 18919 \*MENZEL. Mehr schlachtschweine für den markt! Ergänzungsbestimmungen über die gehehmigung von hausschlachtungen. Landesbauernschaft Moselland. Wchnbl., No. 15, p. 236. Apr. 10, 1943. 18 L2328
- 18920 NETTO, F. A. Condições indispensaveis ao reerguimento da pecuária leiteira nacional. Rev. dos Criadores 16(6): 34-39. June 1945. 43.8 R32  
Brazil.
- 18921 PACHECO THOMAS, A. Factores que se oponen al desarrollo pecuario. Agr. Trop. 1(5): 15-23. June 1945. 26 Ag8  
Colombia.
- 18922 PHILLIPS, H. M. Report on sheep and goat industry; raisers' problems are monumental, mainly prices and labor, but they are going on getting the job done. West Tex. Today 26(4): 7-8, 21. June 1945. 286.8 W522
- 18923 PICKELL, M. W. Prospects for meat-makers. Breeder's Gaz. 110(8): 7, 20, 21. Sept. 1945. 49 B74
- 18924 REEVES, F. More meat than ever, Nation's call; west Texas cattlemen will do their full part this year in helping to meet armed forces' needs. West Tex. Today 26(1): 6-7. Mar. 1945. 286.8 W522
- 18925 ROCHE, W. S. Cattle, catties and Chinese cowboys. Amer. Hereford J. 36(8): 46. Aug. 15, 1945. 43.8 Am32
- 18926 ROSS, I. C. Scientific research and the pastoral industry. Past. Rev. 55: 427-428. June 16, 1945. 23 Au75  
Probable lines of research in the sheep and wool industries in Australia.
- 18927 SAVCHENKO-BELSEY, A. 1945 plan calls for increase in livestock. Agr. Com. Amer.-Soviet Friendship. Release 34, p. 1-2, processed. Aug. 15, 1945. 20 Ag89
- 18928 SHEALY, A. L. Cattlemen proud of a century's progress; herds improved, production problems solved, pests eliminated in 100 years' development. Fla. Grower 53(8): 5, 16. Aug. 1945. 80 F6622  
The beef cattle industry of Florida.
- 18929 SNYDER, C. E. Will there always be a livestock industry? Sheep and Goat Raiser 25(11): 4-5. Aug. 1945. 45.8 Sh3
- 18930 STAGG, A. L. Latin America beckons. Holstein-Friesian J. 8(5): 14-15, 24-26. Aug. 1945. 43.8 F743  
Includes discussion of the cattle industry.
- 18931 STICE, L. F. Lessons we can learn from the meat shortage. Natl. Live Stock Prod. 23(11): 11, 17. Sept. 1945. 280.38 N21  
Livestock production.
- 18932 WATSON, I. The current livestock situation in New Mexico; with a frank appraisal of future prospects. N. Mex. Stockman 10(8): 11. Aug. 1945. 49 N462
- 18933 YOUNG, W. Sheep breeding in Australia. Farming News and North Brit. Agr. 97(31): 2. July 27, 1945. 10 N82  
Various aspects of the industry.
- 18934 YUNGCLAS, W. H. Iowa's post-war hog industry. Berkshire News 10(10): 5, 44-46. Aug. 1945. 46.8 B454
- 18935 \*ZWEIGLER. Wohin führt die ausweitung der kleintierhaltung? Landesbauernschaft Moselland. Wchnbl., No. 50, p. 630. Dec. 11, 1943. 18 L2328
- Analysis and Composition
- 18936 \*RASCH, K. Das Bact. anatum und die bakteriologische fleischuntersuchung. Deut. Tierärztl. Wchnschr./Tierärztl. Rundschau 52/50: 235-237. June 17, 1944. 41.8 D482
- 18937 RIDDLE, A. R. The moisture content of meat extract. 2. A quick density method for its determination. Austral. Council Sci. and Indus. Res. J. 18: 153-159. May 1945. 514 Au72J
- Consumption and Utilization
- 18938 HARDENBERG, W. Meat consumption in the postwar. Butchers' Advocate 118(7): 10-11. Aug. 15, 1945. 286.85 B97
- 18939 HIGLEY, M. L. Honorable awards to domestic rabbit family. Calif. Rabbits Mag. 9(1): 11, 13. Aug. 1945. 40.28 Sa5  
Uses of rabbits.
- 18940 REYNOLDS, R. Horse flesh and the horse cult. Countryman 31: 211-212. Summer 1945. 281.28 C832  
Origins of the repugnance toward horsemeat.
- Distribution, Marketing, and Transportation
- 18941 BARNETT, C. R. 28-hour law. Colo. Wool Grower and Marketer 11(5): 5. July 1945. 280.38 C71  
Livestock transportation.
- 18942 BERRUTTI PELLEGRINO, H. Se torna impossibile trabajar en la frontera [Uruguay]. Diario Rural 4(477): 12. May 12, 1945. 9.9 D54  
Restrictions for the prevention of smuggling which make cattle marketing difficult in the zone.
- 18943 BISSON, J. E. Facteurs qui influencent notre marché à la baisse. Terre de Chez Nous 17(47, 1. e. 46): 19. Aug. 22, 1945. 7 T27  
The meat market in Quebec.



- 18944 BLAUM, A. E. Selling Berkshires by mail. Berkshire News 10(10): 5, 36. Aug. 1945. 46.8 B454 Swine marketing.
- 18945 DOWNEY, L. A. Full market value for pigs. Victoria. Dept. Agr. J. 43: 245-246. June 1945. 23 V66J
- 18946 HOBBS, E. A. Looking to the future. Calif. Rabbits Mag. 9(1): 3. Aug. 1945. 40.28 Sa5 Rabbit marketing.
- 18947 HOLDERBY, O. L. Oklahoma needs more and better hogs. Farmer-Stockman 58: 262. Aug. 1945. 6 Ok45
- 18948 MACCOLL, E. D. El abasto de carnes de Montevideo. Diario Rural 4(471): 12. Apr. 21, 1945. 9.9 D54
- 18949 MESCHINI, C. Disciplina del mercato delle carni. Inform. Agr. [Roma] 4: 32-33. Nov./Dec. 1940. 16 In3
- 18950 NEW SOUTH WALES. DEPT. OF AGRICULTURE. DIVISION OF MARKETING AND AGRICULTURAL ECONOMICS. Sheep and lambs; comparison of weekly yardings at Homebush Saleyards for 1943 and 1944. Rev. Mktg. and Agr. Econ. (n. s.) 13(1): 26, processed. Jan. 1945. 286.8 N47M  
A graph.
- 18951 NICHOLSON, J. C. Are you developing a rabbit market? Internatl. Com. Rabbit J. 3(19): 29-30. May 1945. 40.28 In8
- 18952 PATWORTH, D. Outlook for rabbit keepers. Poultry [London] 97: 73. July 31, 1945. 47.8 P869 Marketing outlook for carcasses and skins.
- 18953 REID, L. E. Transportation of fat stock [Australia]. Food Front 1(2): 39-40. Mar. 1944. 281.8 F73
- 18954 UNION OF SOUTH AFRICA. MINISTER OF AGRICULTURE. Statement... the Marketing Amendment Bill and long-term meat scheme. Farmer [Pietermaritzburg] 34(24): 16. June 15, 1945. 24 F227
- 18955 WANTED - real cattle work, by "Culkah." Past. Rev. 55: 434-435. June 16, 1945. 23 Au75  
The important part played by the drover in producing beef for market.
- 18956 WISCHER, M. Vom kaninchenkauf. Kaninchenzucht, No. 1, p. 2-3. Jan. 1945. 40.28 K13
- Grading, Inspection, Standardization, and Quality
- 18957 CINCINNATI. DEPT. OF HEALTH. BUREAU OF MEAT AND DAIRY PRODUCTS. INSPECTION. Annual report, 1944. Cincinnati's Health 18(1): 8-12. July 1945. 449.7 C49
- 18958 EDINBURGH. VETERINARY DEPT. Annual report... for the year 1944. 2 p., processed. Edinburgh, 1945? 41.9 Ed42  
Report of work in dairy and milk inspection and inspection of meat and other foods.
- 18959 GHO ELIZONDO, S. Control de producción del ganado lechero. Unión Agr. del Sur 3(17): 15-16. May 1945. 9.3 Un3
- Prices, Price Control, and Rationing
- 18960 ASOCIACIÓN RURAL DEL URUGUAY. Precio de ganados y carnes; gestión de la Asociación Rural del Uruguay. Diario Rural 4(482): 5. May 30, 1945. 9.9 D54
- 18961 AUSTRALIA. DEPT. OF COMMERCE AND AGRICULTURE. PRICES BRANCH. Control of meat prices. Food Front 1(3): 46-47. June 1944. 281.8 F73
- 18962 BISSON, J. E. Le rationnement des viandes et la production porcine. Terre de Chez Nous 17 (41, 1. e. 42): 19. July 25, 1945. 7 T27  
Canada.
- 18963 BROWNFIELD, A. D. Ceilings on cattle. Amer. Cattle Prod. 27(3): 12-14. Aug. 1945. 49 P94
- 18964 FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. La carta annonaria in Inghilterra, Francia, Ungheria, Svizzera e Finlandia. Olivicoltura 17(11): 11-12. Nov. 1940. 80 OL4  
Butter and fats rationing.
- 18965 LLOYD, E. W. The future meat ration. Field 185: 397. Apr. 21, 1945. 10 F45
- 18966 TAYLOR, B. R. Hereford records and prospects. Tex. Livestock J. 4(8): 16. Aug. 15, 1945. 49 T29  
Beef cattle prices.
- Processing and Storage
- 18967 BIERBRAUER, M. Der keimbefall des fleisches während der schlachtung und während des transports sowie hygienische massnahmen zur abstellung der ursachen. Vorratspflege u. Lebensmittelforsch. 5: 352-367. July/Sept. 1942. 389.8 V91
- 18968 BOERMER, B. Massnahmen zur vermindierung der verunreinigung des fleisches mit zersetzungskeimen während der schlachtung, der weiteren behandlung auf dem schlachthof und des transportes zur verkaufsstelle. Vorratspflege u. Lebensmittelforsch. 5: 368-369. July/Sept. 1942. 389.8 V91
- 18969 BRIGGS, P. S. The kinetics of semi-chrome tanning. Part I. Internatl. Soc. Leather Trades' Chem. J. 29: 123-133. June 1945. 303.9 Sol2
- 18970 CALDERON AGEZ, J. Condiciones para una buena congelación de las carnes y su conservación. Agrario 9(362): 4. May 30, 1945. 9.3 Ag85
- 18971 CASS-SMITH, E. Modern developments in chrome tanning. Leather World 37: 478-480, 482-483. (To be cont.) July 12, 1945. 303.8 L482
- 18972 COGHLAN, C. Fur and sheepskin dressing and dyeing. Textile J. Austral. 20: 142-143. May 21, 1945. 304.8 T3134
- 18973 DEMPSEY, M. The mould-proofing of leather. Internatl. Soc. Leather Trades' Chem. J. 29: 133-142. June 1945. 303.9 Sol2
- 18974 DILLON, C. E. If you slaughter you can produce casings for stuffing sausages. Locker Operator 6(11): 30, 57-58. June 1945. 295.8 L79
- 18975 DILLON, C. E. Smoked sausage is a meat stretcher. Locker Operator 6(12): 12, 46-48. July 1945. 295.8 L79
- 18976 GOMEZ MARZHEIMER, G. Red de frigoríficos cimiento de la economía pecuaria nacional [Chile]. Agrario 8(340): 2. June 15, 1944. 9.3 Ag85
- 18977 MCAULIFFE, W. S. Curing bacon on the farm. Westralian Farmers' News 6(248): 5. June 29, 1944. 280.28 W523
- 18978 SMALL PIG KEEPERS' COUNCIL. Home curing of bacon and hams; a manual of theory and practice for instructors and others. Gt. Brit. Min. Agr. and Fisheries. B. 127, 62 p. London, 1945. 10 G794B
- 18979 WATSON, M. A. The history and economics of cattleshide leather tanning. Shoe and Leather Rptr. 239(7): 17-18, 20, 22, 24. (Cont.) Aug. 18, 1945. 303.8 Sh7
- Statistics
- 18980 FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Il commercio dei grassi animali nei principali paesi nel 1939. Olivicoltore 17(7): 24-27. July 1940. 80 OL4  
Statistical.
- 18981 SANTA FE, ARGENTINA (PROV.). INSTITUTO EXPERIMENTAL DE INVESTIGACIÓN Y FOMENTO AGRÍCOLA-GANADERO. Existencia de ganado vacuno en la provincia de Santa Fe, diciembre de 1944. Bolsa de Com., Rosario. Rev. 33(802): 19-26. June 15, 1945. 287 R71
- 18982 SANZ, D. L. Influencia de la guerra en la matanza de novillos. Asoc. Rural del Uruguay. Rev. 72(6): 10-11, 13. June 1945. 9.9 As5  
Includes figures for number and age of steers delivered to the stockyard.
- 18983 SCOTLAND. DEPT. OF AGRICULTURE. FARM ECONOMICS BRANCH. Index numbers of sheep populations in selected "hill sheep" and "non-hill sheep" counties in Scotland, 1936-1944. Scotland. Dept. Agr. Farm Econ., No. 9, p. 2-3. Spring 1945. 281.9 Sco3F
- OILS AND OILSEEDS
- 18984 RAINSTER, P. N. Useful sunflower. Westralian Farmers' News 6(294): 8. May 31, 1945. 280.28 W523



- 18985 \*WEHRENS, G. Noch mehr fett! Landesbauernschaft Moselland. Wchnbl., No. 24, p. 341-342. June 12, 1943. 18 L2328
- 18986 BOHN, R. T., and FAVOR, H. H. Functional properties of soya flour as a bread ingredient. Cereal Chem. 22: 296-311. July 1945. 59.8 Q33
- 18987 \*BRACCI, F. Note pratiche di oleificio. Olivicoltore 18(2): 55-57. Feb. 1941. 80 OL4
- 18988 \*BUZ, C. C. L'estrazione dell'olio di oliva per sgocciolamento. Olivicoltore 19(4): 81-84. Apr. 1942. 80 OL4
- 18989 \*CANDIOLI, P. L'olivicultura nel Veronese. Olivicoltore 19(9): 151-154. Sept. 1942. 80 OL4
- Historic and economic aspects.
- 18990 CLAY, H. J. July condition of growing peanut crop reported best in years. Peanut J. and Nut World 24(10): 21-22. Aug. 1945. 77.8 P313
- 18991 COINER, M. S. Gifts of the Americas: copaiba. Agr. in the Americas 5: 159. Aug. 1945. 1 F752A
- Varieties and utilization.
- 18992 \*CONSOLANI, G. L'olivo e l'olio nel Piemonte. Olivicoltore 17(1): 8-10. Jan. 1940. 80 OL4
- Description of the industry.
- 18993 \*CREA, V. L'economia italiana dei grassi sotto l'influenza della guerra. Olivicoltore 29(4): 43-46. Apr. 1943. 80 OL4
- 18994 \*DELUPIS, S. D. DI. Sulla resa in olio degli olivi. Olivicoltore 18(12): 363-366. Dec. 1941. 80 OL4
- Method of determination.
- 18995 DIES, E. J. Streamlining the age-old soybean. Natl. Farm Chemurg. Council. Chemurg. Papers 411, 4 p., processed. Columbus, Ohio, 1945. 381 N213P
- 18996 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA L'agricoltura francese e l'industria delle materie grasse. Olivicoltore 20(3): 35-38. Mar. 1943. 80 OL4
- 18997 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA Alcuni olii del continente europeo poco noti. Olivicoltore 18(6): 190-191. June 1941. 80 OL4
- 18998 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Aspetti generali del problema delle materie grasse in Asia nel 1940. Olivicoltore 18(6): 187-190. June 1941. 80 OL4
- 18999 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. La carta annonaria per le materie grasse in Germania. Olivicoltore 18(1): 30-31. Jan. 1941. 80 OL4
- 19000 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Il commercio mondiale degli olii vegetali nel 1939. Olivicoltore 17(5): 18-19. May 1940. 80 OL4
- A statistical study.
- 19001 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Considerazioni sul pool anglo-americano per gli oli ed i grassi. Olivicoltore 20, 1. e. 19(12): 196-199. Dec. 1942. 80 OL4
- 19002 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Considerazioni sul problema mondiale degli oli e dei grassi nel 1942. Olivicoltore 20(1): 7-8. Jan. 1943. 80 OL4
- 19003 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Le disponibilità di grassi vegetali passati sotto il controllo giapponese durante i primi quattro mesi della sua entrata in guerra. Olivicoltore 19(3): 74-75. Mar. 1942. 80 OL4
- 19004 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. La funzione delle materie grasse nell'economia europea del dopoguerra. Olivicoltore 20(4): 50-52. Apr. 1943. 80 OL4
- 19005 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. La nuova organizzazione dell'olivicultura spagnola. Olivicoltore 18(5): 160-163. May 1941. 80 OL4
- 19006 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Nuove direttive per la distribuzione e per il commercio degli olii in Spagna. Olivicoltore 17(2): 21-22 Feb. 1940. 80 OL4
- 19007 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. L'olivicultura spagnola nel 1942. Olivicoltore 19 (10): 170-171. Oct. 1942. 80 OL4
- 19008 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. L'olivicultura spagnola prima e dopo la guerra civile. Olivicoltore 16(12): 13-18; 17(1): 11-14. Dec. 1939-Jan. 1940. 80 OL4
- Statistical.
- 19009 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Il problema olivicolo spagnolo nel 1942. Olivicoltore 19(2): 51-53. Feb. 1942. 80 OL4
- A discussion of the industry.
- 19010 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Produzione, commercio e consumo dei grassi vegetali nei paesi produttori d'olio di oliva durante il 1937-39. Olivicoltore 18(3): 97-101. Mar. 1941. 80 OL4
- 19011 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Produzione e commercio dei grassi vegetali e animali nei paesi americani. Olivicoltore 18(12): 373-376. Dec. 1941. 80 OL4
- 19012 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Produzione e commercio oleari in Tunisia, Francia, Algeria e Marocco. Olivicoltore 18(2): 59-60. Feb. 1941. 80 OL4
- Statistical.
- 19013 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. La produzione ed il commercio delle materie grasse in America: 2° Argentina e Brasile. Olivicoltore 19 (1): 23-25. Jan. 1942. 80 OL4
- 19014 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. La produzione ed il commercio delle materie grasse in Europa. Olivicoltore 17(4): 22-25; 18(7): 224-226; (8): 246-250; (9): 285-289; (10): 311-315. Apr. 1940, July-Oct. 1941. 80 OL4
- Chiefly statistical.
- 19015 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. La produzione mondiale di olio d'oliva della campagna 1940-41. Olivicoltore 18(2): 58-59. Feb. 1941. 80 OL4
- 19016 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. La situazione olivicola nel Portogallo nel 1941. Olivicoltore 19(4): 85-86. Apr. 1942. 80 OL4
- 19017 \*FEDERAZIONE INTERNAZIONALE DI OLIVICOLTURA. Stato attuale della produzione e dell'approvvigionamento delle materie grasse in Europa. Olivicoltore 17(9): 21-22. Sept. 1940. 80 OL4
- 19018 \*FERRARA, A. Analisi chimico-tecnologiche di semi oleosi dell'Africa Orientale Italiana. Agr. Colon. 37: 85-98. Apr. 1943. 26 Ag82
- 19019 \*FERRARA, A. Organizzazione dell'industria olearia della Libia. Agr. Colon. 37: 261-266. Nov./Dec. 1943. 26 Ag82
- 19020 FEUGE, R. O., KRAEMER, E. A., and BAILEY, A. E. Modification of vegetable oils. IV. Reesterification of fatty acids with glycerol. Oil & Soap 22: 202-207. Aug. 1945. 307.8 J82
- 19021 FILER, L. J., JR., MATTIL, K. F., and LONGENECKER, H. E. Changes occurring in fat autoxidation. Oil & Soap 22: 196-201. Aug. 1945. 307.8 J82
- 19022 \*FLANZV, M., and REINGPACH, J. Recherches sur l'utilisation des pépins de raisin comme source d'huile. Ann. Agron. [Paris] (n. s.) 13: 60-71. Jan./Mar. 1943. 14 An75A
- 19023 \*FRANCIOSA, L. L'apporto della Dalmazia alla olivicultura italiana. Olivicoltore 18(4): 113-119. Apr. 1941. 80 OL4
- The Dalmatian olive-producing industry.
- 19024 \*FRANCIOSA, L. L'industria degli oli vegetali [Italy]. Olivicoltore 18(2): 39-46. Feb. 1941. 80 OL4
- 19025 \*FRANCIOSA, L. L'olivo nell'economia turca. Olivicoltore 18(9): 272-276. Sept. 1941. 80 OL4
- Contains statistics of production and trade in oil.
- 19026 \*FREGOLA, C. Indagini sull'andamento della produzione olivicola presso alcune aziende senesi. Olivicoltore 18(4): 120-123. Apr. 1941. 80 OL4
- The industry in the Province of Siena.



- 19027 \*FRENGUELLI, B. La valutazione industriale delle olive; su alcune prove con il metodo Ram-botti. Olivicoltore 20(3): 29-34. Mar. 1943. 80 OL4
- Determination of oil yield of olives.
- 19028 \*FREZZOTTI, G. La determinazione rapida della resa in olio delle olive; nota preliminare. Olivicoltore 18(5): 139-140. May 1941. 80 OL4
- 19029 \*FREZZOTTI, G. L'oleificio in tempo di guerra. Olivicoltore 19(9): 149-150. Sept. 1942. 80 OL4
- 19030 \*FUTURE of oil seeds. East. Econ. 4: 741-742. June 1, 1945. 280.8 Ea72
- India.
- 19031 GABBY, J. L. Chemistry of the versatile soy. Feedstuffs 17(32): 14-15. Aug. 11, 1945. 286.81 F322
- 19032 \*GAROGLIO, P. G., and SCOTTI, G. La composizione chimica degli olii di polpa e di mandorla in rapporto alle razze di olivo da cui provengono. Olivicoltore 19(2): 35-39. Feb. 1942. 80 OL4
- 19033 \*GIOBBI, Q. L'olivo "Ascolana" e la sua industria. Olivicoltore 17(7): 3-12. July 1940. 80 OL4
- Discusses production in various countries.
- 19034 GONZÁLEZ REBOLLEDO, A. Algo sobre la soya. Agr. Trop. 1(6): 16-17. July 15, 1945. 26 Ag8
- 19035 GRIFFING, J. B. O feijão soja - sua significação para o Brasil. Pernambuco (State). Sec. de Agr., Indus. e Com. B. 12(1): 12-20. Jan./Mar. 1945. 9.2 P423
- 19036 \*GRÜNER, V. S., and ALEKSANDROV, V. V. Obezvrezhivanie khlopkovogo zhykhya putem udaleniya svobodnogo gossipola (Detoxication of cottonseed meal by removal of gossipol [sic]). Biokhimifa 9: 203-217. 1944. 385 B523
- English summary.
- 19037 GUENTHER, E. Sources and characteristics of oil of savory. Food Indus. 17: 905, 996, 998, 1000. Aug. 1945. 389.8 F737
- 19038 GUENTHER, E. A survey of Spanish essential oils. Amer. Perfumer and Essential Oil Rev. 47(8): 42-44. Aug. 1945. 308.9 Am3
- 19039 HERNÁNDEZ A., E. El mercado de grasas [Mexico]. Rev. de Econ. 8(7): 12-13. July 1, 1945. 280.8 R3293
- 19040 HILDITCH, T. P., and JASPERSON, H. The polyethenoid acids of the  $C_{18}$  series present in milk and grass fats. Soc. Chem. Indus. J. 64: 109-111. Apr. 1945. 382 M31
- 19041 \*KRETOVICH, V. L., and BUNDEL', A. A. Issledovanie masla iz perezhimovavshago v pole toksicheskogo prosa (Studies on oil from toxic millet hibernated in the field). Biokhimifa 10: 216-224. 1945. 385 B523
- 19042 \*KRETOVICH, V. L., and BUNDEL', A. A. Novyĭ metod vydeleniya svobodnykh kislot masla (New method of extraction of the free fatty acids from oil). Biokhimifa 10: 159-162. 1945. 385 B523
- English summary.
- 19043 KROBER, O. A., COLLINS, F. I., and DEMLOW, M. J. Sampling soybeans for analysis. Oil & Soap 22: 194-196. Aug. 1945. 307.8 J82
- 19044 LE ROUX, J. C. The economic side of tung oil production; heavier yields from budded trees than from seedlings. Farmer's Weekly [Bloemfontein] 69: 415. May 9, 1945. 24 F225
- 19045 LL., E. La exportación y la industria. Econ. Argentina 44: 183-186. May 1945. 280.8 R325
- Gives figures for production and foreign trade in flaxseed and linseed and other oils.
- 19046 MCKINNEY, R. H., and JACOBSON, W. The stabilization of fats for baked goods. Baker's Digest 19: 97-99, 112. Aug. 1945. 389.8 S11
- 19047 \*MANGOLD, W. Nachweis des freialdehyds in verdorbenen fetten; 2. mitteilung. Vorratspflege u. Lebensmittelforsch. 5: 292-303. July/Sept. 1942. 389.8 V91
- 19048 \*MARIANI, F. Centrifugazione delle paste integrali di oliva. Olivicoltore 18(9): 267-271. Sept. 1941. 80 OL4
- 19049 \*MARIANI, M. Nuovi orientamenti dell'industria olearia; il metodo Perugio di centrifugazione delle paste integrali di oliva. Olivicoltore 17(11): 3-6. Nov. 1940. 80 OL4
- 19050 MARSH, J. F. The increasing importance of the peanut. Agr. Situation 29(7): 18-22. July 1945. 1 Ec7Ag
- 19051 MARSICO, D. F. Subproductos de la industria del aceite de oliva. Bolsa de Com., Rosario. Rev. 33(804): 29-30, 32. July 15, 1945. 287 R71
- 19052 \*MATARRESE, G. Produzione e commercio dell'olio di oliva in Tunisia. Olivicoltore 17(12): 18-19. Dec. 1940. 80 OL4
- At head of title: Federazione Internazionale di Olivicultura.
- 19053 MELO, M. S. As gorduras comestíveis e sua fusão. Rev. Bras. de Quím. (Cien. & Indus.) 19: 198, 200, 202, 204, 206, 208. Apr. 1945. 385 R322
- Melting temperature in relation to digestibility and assimilation.
- 19054 \*MONTEFREDINE, A. Caratteristiche delle sanse della Provincia di Pescara. Olivicoltore 17(12): 3-13. Dec. 1940. 80 OL4
- Analysis.
- 19055 \*MONTEFREDINE, A. La conservazione delle sanse d'olivo. Olivicoltore 18(8): 239-245. Aug. 1941. 80 OL4
- Article with similar title in Olivicoltore 18(10): 299-307. Oct. 1941.
- 19056 \*MONTEFREDINE, A. Lavorazione delle olive con aggiunta di elettroliti. Olivicoltore 19(3): 65-71. Mar. 1942. 80 OL4
- 19057 \*MONTEFREDINE, A. Ricerche sulle alterazioni dell'olio di sansa nella sansa. Olivicoltore 17(10): 3-15. Oct. 1940. 80 OL4
- 19058 \*NICOLAISEN, W. Wann dreschen und liefern wir die oelsaat? Landesbauernschaft Moselland. Wchnbl., No. 26, p. 369. June 26, 1943. 18 L2328
- 19059 O'CONNOR, R. T., and others. Spectrophotometric determination of alpha-eleostearic acid in freshly extracted tung oil; determination of extinction coefficients in oil solvents. Indus. and Engin. Chem. Analyt. Ed. 17: 467-470. Aug. 1945. 381 J825A
- D. C. Heinzelman, A. F. Freeman, and F. C. Pack, joint authors.
- 19060 \*PANUNZI, U. I servizi chimici per l'ammasso dell'olio di oliva. Olivicoltore 17(12): 14-17. Dec. 1940. 80 OL4
- 19061 REID, C. P. Cottonseed meal. Flour & Feed 46(3): 28. Aug. 1945. 298.8 F66
- 19062 \*SEGHETTI, G., FREZZOTTI, G., and ZITO, F. Centrifugazione delle paste integrali di oliva. Olivicoltore 18(1): 6-29. Jan. 1941. 80 OL4
- 19063 SHIVER, H. E. Cottonseed hulls potential sources of a southern chemical industry. Natl. Farm Chemurg. Council. Chemurg. Papers 413, 7 p., processed. Columbus, Ohio, 1945. 381 N213p
- 19064 \*SPAGNOLI, A. Per la stabilità dei prezzi dell'olio. Olivicoltore 17(2): 18-20. Feb. 1940. 80 OL4
- A statistical study for Italy.
- 19065 STORFER, B. A report from Grasse on essential oils and the French perfume industry. Drug and Cosmetic Indus. 57(1): 42-43. July 1945. 396.8 D842
- 19066 SYNTHETIC aromatics and natural oils. Gi-vaudianian, May 1945, p. 2-3, 6-7. 308.8 G44
- 19067 THOMAS, H. L. Cottonseed crushing industry seen as key factor in South's economy. Cotton Trade J. 25(31): 3. Aug. 11, 1945. 72.8 C8214
- 19068 THOMAS, H. L. Improving the value of cottonseed. Delta Council News 6(8): 3. Aug. 1945. 280.8 D38



- 19069 VANDERBILT, A. Apropos of margarine. *Culinary Rev.* 13(11): 9-10. Aug. 1945. 389.8 C89
- 19070 \*VOGLER, J. Noch mehr fett! Noch mehr oelfrüchte anbauen! Landesbauernschaft Moselland. *Wchnbl.*, No. 32, p. 419. Aug. 7, 1943. 18 L2328
- 19071 \*VOGLER, J. Noch mehr oelfrüchte anbauen. Landesbauernschaft Moselland. *Wchnbl.*, No. 35, p. 451. Aug. 28, 1943. 18 L2328
- 19072 WALKER, F. T. The segregation of linseed oil glycerides by chromatography. *Oil & Colour Chem. Assoc. J.* 28: 119-134. July 1945. 306.9 O15
- 19073 WALSH, R. M., and BURTIS, E. L. Fats and oils shortage is critical. *Agr. Situation* 29(7): 6-8. July 1945. 1 Ec7Ag
- 19074 \*ZITO, F. Il tecnico agricolo nell'olivicultura e nell'oleificio. *Avanguardia Rurale* 11: 85-86. May/June 1940. 16 Av1
- POULTRY AND POULTRY PRODUCTS
- 19075 BALDWIN, J. D. Poultry & egg marketing. *Jefferson Co. Truck Growers B.* 18(4): 3-4. Apr. 1945. 6 J35
- 19076 BATE-SMITH, E. C., and HAWTHORNE, J. R. Technical advances in the production of dried egg. *Food Manufacture* 20: 284-286, 288. Aug. 1945. 389.8 F736
- 19077 BROWN, SIR E. International co-ordination in the poultry industry. (Abridged.) *World's Poultry Sci. J.* 1(1): 6-8. Spring 1945. 47.8 W89
- 19078 DILLON, C. E. Have a turkey sandwich! Smoked fowl - another service to offer your customers. *Locker Operator* 6(10): 24. May 1945. 295.8 L79
- Directions for curing and smoking turkey.
- 19079 \*ELIÄSON, S. Äggleveranserna till parti-handeln väsentligt ökade; Svenska Ägghandelsförbundets verksamhet 1944. *Lantmannen* 29: 548-550. June 16, 1945. 11 L234
- Activities of Swedish Egg Marketing Association in 1944.
- 19080 ELLIS, F. E. Egg prices for 1946-47 guaranteed by contracts [Canada]. *Family Herald and Weekly Star* 76(31): 9. Aug. 1, 1945. 7 F21
- 19081 FLANAGAN, J. The fowl food shortage; poultry keepers' "Dunkirk." *Tasmanian Farmer* 8(8): 6. May 1945. 23 T186
- 19082 GILCHRIST, J. A. War yields from a poultry flock. *Scotland. Dept. Agr. Farm Econ.*, No. 9, p. 8. Spring 1945. 281.9 Sco3F
- Egg yields.
- 19083 GUTOWSKA, M. Rebuilding Poland's poultry industry to provide eggs for children's health. (Abridged.) *World's Poultry Sci. J.* 1(1): 17-20. Spring 1945. 47.8 W89
- 19084 HARVEY, J. R. An egg-marketing scheme; proposals for post-war organisations. *Scot. Farmer* 53: 884. Aug. 18, 1945. 10 Sco8
- Great Britain.
- 19085 HATCHERIES busy; baby chick production may exceed 1943 peak, or more than double prewar average. *Backyard demand picks up.* *Business Week*, No. 832, p. 45. Aug. 11, 1945. 280.8 Sy8
- 19086 \*HEIM DE BALSAC, H., and RULLIER, G. Toxi-infections par oeufs de cane, importance de leur prévention pour la production des oeufs. *Acad. d'Agr. de France. Compt. Rend.* 30: 64-66. Jan. 12/19, 1944. 14 P215Bc
- Supplementary note by M. Piettre.
- Salmonella infection.
- 19087 JOHNS, C. K., and BERARD, H. L. Further bacteriological studies relating to egg drying. *Sci. Agr.* 25: 551-565. May 1945. 7 Sci2
- 19088 KINGHORNE, J. W. Poultry and egg production in war-time. *IBCA News* 20(12): 44-45. Aug. 1, 1945. 47.8 In83
- 19089 KOCK, W. A., HORN, A., and SVENDSEN, L. Poultry work in some European countries before World War II. (Abridged.) *World's Poultry Sci. J.* 1(1): 13-14. Spring 1945. 47.8 W89
- Contents: Denmark, by W. A. Kock; Hungary, by A. Horn; Norway, by L. Svendsen.
- 19090 \*KRISHNAN, T. S. A preliminary note on some indigenous methods of egg preservation. *Indian J. Vet. Sci. and Anim. Husb.* 13: 127-132. June 1943. 41.8 In22
- 19091 \*KRISHNAN, T. S. The relation of the candling appearance of eggs to their thick white percentage. *Indian J. Vet. Sci. and Anim. Husb.* 13: 141-145. June 1943. 41.8 In22
- 19092 MANITOBA CO-OPERATIVE POULTRY MARKETING ASSOCIATION LIMITED. Poultry co-op advises against marketing immature cockerels. *Manitoba Co-op.* 3(2): 7. Aug. 15, 1945. 280.28 M31
- 19093 MICKLE, W. M. Poultry buyer says feed dealers can aid industry. *Peninsula Broiler J.* 5 (8): 1, 3. Aug. 20, 1945. 47.8 P37
- 19094 MILOVANICH, M. The poultry industry in Yugoslavia. (Abridged.) *World's Poultry Sci. J.* 1(1): 28-30. Spring 1945. 47.8 W89
- 19095 MUSSEHL, F. E., and FILLEY, H. C. Our egg marketing job. *Nebr. U. Dept. Poultry Husb. Poultry Prog. C.* 79, 4 p. Lincoln? 1945. 47.9 N272
- 19096 PERRY, J. E. Poultry meat production. *Calif. Cult.* 92: 448. Aug. 8, 1945. 6 C12
- 19097 REDDITT, J. R. Redditt gives his observations of poultry production in Brazil. *Nebr. Agr. Col. Ext. News* 34(1): 1, 3-4. July 1945. 275.29 N27Ae
- 19098 SMITH, C. F. Quality and education essential to post-war industry welfare; continuation of Poultry and Egg National Board activities provides insurance against possible future uncertainties. *Amer. Egg & Poultry Rev.* 6: 376, 411. July 1945. 47.8 Am38
- Egg and poultry industry.
- 19099 SPRIGLE, R. O. P. A. winks at black market in poultry -- egg supply cut. *Dairy Farmers' Digest* 6: 70. Aug. 1945. 280.38 D142
- 19100 THOMPSON, W. L. A study of the proteolytic enzyme activity in hens' eggs. *Pittsburgh. U. Grad. School. Abs. Theses [etc.]* 40(3): 311-317. Jan. 20, 1944. 241.8 P68
- 19101 TSANG, Z. T. Importance of developing the poultry industry in China. (Abridged.) *World's Poultry Sci. J.* 1(1): 23-27. Spring 1945. 47.8 W89
- 19102 UNION OF SOUTH AFRICA. DEPT. OF AGRICULTURE AND FORESTRY. DIVISION OF ANIMAL AND CROP PRODUCTION. Prospective poultry farmers. *Union So. Africa. Dept. Agr. and Forestry. Press Serv.*, No. 795, p. 1-2. May 15, 1945. 24 So82Pr
- Economic aspects of poultry farming.
- 19103 WARD, F. G. How Delmarva dresses broilers. *Family Herald and Weekly Star* 76(30): 7. July 25, 1945. 7 F21
- 19104 WESTERN, L. G. A three-point plan for poultry prosperity... with passing reference to the effect of dried egg on the sale of shell eggs. *Mod. Poultry Keeping* 53: 64-65. July 25, 1945. 47.8 Eg3
- 19105 WOODS, F. L. Poultry industry through the years. *Marit. Farmer and Co-op. Dairyman* 50(22): 28-29. Aug. 21, 1945. 7 C77
- RUBBER AND RUBBER SUBSTITUTES
- 19106 BOUÇAS, V. O problema da produção da borracha brasileira. *Brazil. Min. do Trab., Indus. e Com. B.* 11(122): 136-157. (Cont.) Oct. 1944. 255.3 B737A
- The rubber program and related problems.



19107 BUTT, C. S. Rubber supplies for primary producers. Food Front 1(2): 36-38. Mar. 1944. 281.8 F73

#### Australia.

19108 \*CARNEVALE, N. Gomma elastica di selva e di piantagione nell'Africa Orientale Italiana. Agr. Colon. 35: 438-442. Dec. 1941. 26 Ag82

19109 CONDIÇÕES de produção da borracha na Amazônia. Brazil. Min. do Trab., Indus. e Com. B. 11. (123): 215-256. Nov. 1944. 255.3 B737A

Discusses cost of living of rubber workers, expenses in operating a rubber plantation, the influence of credit on rubber production, the problem of supplies, and labor mobilization.

19110 FLING, S. "Kok-sagyz -- rubber-yielding plant." Agr. Com. Amer.-Soviet Friendship. Release 28, p. 1-5, processed. July 15, 1945. 20 Ag89

19111 GARGUREVICH, A. El caucho; el caucho en el mundo y su pasado apogeo en Sud America. Co. Admin. del Guano, Peru. B. 42: 101-116. May 1945. 57.9 C73B

History, plant sources, and development of the industry.

19112 KRASKO, L. "Ukrainian caoutchouc" (Rubber). Agr. Com. Amer.-Soviet Friendship. Release 29, p. 1-2, processed. July 15, 1945. 20 Ag89  
Kok-saghyz.

19113 \*M., W. W. Natural versus synthetic rubber. Planters' Chron. 40: 174. June 1, 1945. 22 P693

19114 MENDES, A. O que significa plantar a heveia. Observador Econ. e Financ. 10(111): 78-80. Apr. 1945. 280.8 Qb72

#### Problems of production in Brazil.

19115 MENEZES, B. DE. Fordlandia, setor industrial e agricola da Amazônia. Rev. da Vet. 8(34): 91. May 1945. 41.8 R3218

#### Rubber production on the Ford estates in Brazil.

19116 NAGHSKI, J., and others. Anaerobic fermentation of Cryptostegia leaves for recovery of rubber. J. Bact. 49: 563-574. June 1945. 448.3 J82

J. W. White, Jr., S. R. Hoover, and J. J. Willaman, joint authors.

19117 \*NEIMAN, G., and SOSNOVETS, A. Ob izmenenii kachestva kauchuka v gvafile pri ee khraneni (The effect of storage on the quality of guayule rubber). Vsesoyuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 9(11/12): 15-17. 1944. 20 Akl

19118 PALAZZO, J. T. Passado, presente e futuro da borracha brasileira. Orientação Econ. e Financ. 3(36): 23-26. May 1945. 280.8 Qr42

19119 RICHTER, J. Regeneración y replastificación de vulcanizados. Indus. y Quím. 7: 195-200. June 1945. 386 In28

#### Reclaiming of rubber.

#### SEEDS

19120 BENEDICT, F. L. Average crops in Canada expected. Seed World 58(4): 40-41. Aug. 17, 1945. 61.8 Se52

#### Seed production.

19121 \*HAGANDER, H. Lagren av klöver och timotej små; utsiktterna för den inhemska fröskörden goda. Lantmannen 29: 561. June 16, 1945. 11 L234

#### Production of grass seed in Sweden.

19122 HALL, T. E. Marketing seed... sideline or steady job? News for Farmer Coops. 12(5): 10-11. Aug. 1945. 166.2 N47

#### Seed marketing service of cooperative organizations.

19123 LA PINE, L. J. The new Nebraska seed law. Seed World 58(4): 36-37. Aug. 17, 1945. 61.8 Se52

19124 LA PINE, L. J. The new North Carolina seed law. Seed World 58(3): 36. Aug. 3, 1945. 61.8 Se52

19125 MEYER, F. Stronger certified seed supply. Kans. Farmer 82(16): 23. Aug. 18, 1945. 6 K13

19126 NORGAARD, U. J. Seed certification; what it can do for you. Dakota Farmer 65(16): 8-9. Aug. 18, 1945. 6 D14

19127 TASMANIA. DEPT. OF AGRICULTURE. AGRONOMY DIVISION. Potato seed certification. Tasmanian J. Agr. 16: 53-56. May 1, 1945. 23 T182T

19128 \*TELLEIS, K. Kein Saatgut verschwenden! Eine Anordnung der Hauptvereinigungen der Deutschen Gartenbauwirtschaft. Landesbauernschaft Moselland. Wchnbl., No. 1, p. 11. Jan. 2, 1943. 18 L2328

#### SUGAR AND SIRUPS

19129 ALVAREZ, A. S. Procedimientos para la clarificación del jugo de caña de las variedades más difíciles de clarificar que la P. O. J. 36. Tucumán. Estac. Expt. Agr. B. 51, 11 p. Tucumán, 1945. 102.5 T79B

19130 ARCENEUX, G. Generalized factors for computing varietal yields of sugar from results of field tests with sugarcane. Sugar B. 23: 186-191. Aug. 1, 1945. 65.9 Am32

19131 AUSTRALIAN sugar year book, v. 4, 1944/45. 308 p. Brisbane, 1945. 65.9 Au7

In addition to articles which have been reprinted from various sources, there is an article on The Southern Sugar Experiment Station, by N. J. King, p. 276-277, 279, 281, 283.

19132 BALCH, R. T. Report on aconitic acid studies at Houma, La., Station. Sugar B. 23: 197-198. Aug. 15, 1945. 65.9 Am32

Investigations of the aconitic acid contents of sugarcane juices by the Bureau of Agricultural and Industrial Chemistry.

19133 ELUMENKRON, J. Problemas actuales de la industria azucarera en México. Rev. de Econ. 8(7): 28-36. July 1, 1945. 280.8 R3293

19134 BOUCHER, P. Betterave à sucre et labour d'été. Terre de Chez Nous 17(46, 1. e. 45): 23. Aug. 15, 1945. 7 T27

One farmer's experiences in producing sugar beets including his expenses.

19135 COBB, V. T. Making sorghum syrup. South. Agr. 75(9): 16. Sept. 1945. 6 So83

19136 \*DÉRIBÈRE, M. Quelques applications en raffinerie et en sucrerie du séchage par rayonnement infra-rouge. Assoc. des Chim. B. 61: 88-93. Mar./Apr. 1944. 383 As7

19137 HADDON, E. Additional notes on the drying of cane slices at 100° C. Rev. Agr. de l'île Maurice 24: 92. Mar./Apr. 1945. 24 M44

19138 HADDON, E. Chemical control notes. Rev. Agr. de l'île Maurice 24: 87-91. Mar./Apr. 1945. 24 M44

#### Sugar manufacture.

19139 KING, J. A. New, improved ingredients. (Digest.) Internatl. Confectioner 55(5): 84, 97. May 1945. 389.8 In214

#### Raw materials for the confectionery industry.

19140 LEDDET, P. Procesos modernos para la intensificación de la producción y aumento de los rendimientos en la industria del alcohol. Indus. Azucarera 51: 340-345. June 1945. 65.8 In22

#### Alcohol from sugar.

19141 \*RAO, W. T., and SRIRAMAN, K. Commercial cane sugar value and its importance. Madras Agr. J. 31: 317-320. Nov. 1943. 22 M262

#### Yields of sugar from Indian cane.

19142 \*SANKARAM, A. An economic survey of the Anakapalle jaggery market. Madras Agr. J. 29: 269-276. July 1941. 22 M262

19143 \*SCHNEIDER, E. Zuckerrübenanbau einschränken? Nationalsoz. Landpost, No. 13, p. 2. Mar. 30, 1945. 18 N212

19144 SLOTOSECH LOTH, M. El problema del azúcar. Unión Agr. del Sur 3(17): 6-7. May 1945. 9.3 Un3

#### Chile.



19145 SORNAY, A. DE. Production sucrière des usines au cours de la période 1924 à 1944. Rev. Agr. de l'île Maurice 24: 83-84. Mar./Apr. 1945. 24 M44

19146 STONE, M. 'Good work, Hawaii!' The Secretary of Agriculture praises Island sugar producers for their fine war-time efforts. Hawaii Farm and Home 8(8): 33. Aug. 1945. 25 H3191

19147 YEARWOOD, R. D. E. Loss in weight of material during milling. Internatl. Sugar J. 47: 176-178. July 1945. 65.3 In8

## TOBACCO

19148 ANTILL, R. M. A history of the native grown tobacco industry of Nyasaland. Nyasaland Agr. Q. J. 5: 49-65. July 1945. 24 N983

19149 HUNT, R. A. Housing and curing your tobacco crop. Ky. Farmer's Home J. 81(9): 3. Sept. 1945. 6 F2237

19150 PERDOMO, J. E. Resurgimiento de nuestra economía tabacalera. Habano 10(11): 1-2, 28. Feb. 1944. 69.8 H11

19151 \*SANKARAM, A. Cultivation and marketing of Lanka tobacco. Madras Agr. J. 30: 114-121. Apr. 1942. 22 M262

Includes storage and costs and returns.

19152 \*SRINIVASAN, P. A. A brief survey of the Palghat tobacco market. Madras Agr. J. 31: 245-256. Sept. 1943. 22 M262

19153 WEST, G. Grandmother began it all. Tobacco [London], No. 776, p. 54, 77. Aug. 1945. 286.89 T553

Origin of a Blackpool tobacco firm.

## MISCELLANEOUS PRODUCTS

19154 ARMITAGE, F. D. The microscopy of vegetable foods and drugs. Part XVI - Bark. Indus. Chem. and Chem. Mfr. 21: 359-364. July 1945. 382 In22

19155 BACAL, B. La turba como combustible. Corp. Fruticola Argentina. Rev. Ofic. 11(126): 19-22. June 30, 1945. 83 C81

Touches upon the uses for peat in agriculture.

19156 \*BALDRATI, A. Indaco naturale e sintetico. Agr. Colon. 34: 383-387. Sept. 1940. 26 Ag82  
Problems involved in indigo production in Italian Africa.

19157 \*BHOWMIK, T., and SEN, H. K. A study on the constitution of soft lac resin. Indian Chem. Soc. J., Indus. & News Ed. 7: 160-162. 1944. 385 In27A

19158 BOHORQUEZ RUBIO, P. La industria de la ipecacuana o raicilla. Agr. Trop. 1(3): 22-23. Apr. 1945. 26 Ag8

19159 \*CHIANESE, L. L'autarchia nel campo della cellulosa. Inform. Agr. [Roma] 4: 9-12. Nov./Dec. 1940. 16 In3

19160 CORNU, C. L'Arundo donax (canne de Provence ou roseau à quenouille). Petit Casablançais 31(1221): 4, 3; (1222): 4. July 14, 21, 1945. 280.8 P44

Includes analysis and composition of the plant and utilization as a source of cellulose.

19161 CURRY, E. J. Canning the carp. Canner 101(11): 12-14. Aug. 11, 1945. 286.83 C16

19162 \*GAUJAL, G. Organisation du marché du tarte et des matières tartreuses. Rev. des Agr. de France 75: 170-171. Nov. 1943. 14 R325

19163 \*GOPINATH, K. Spoilage in dried shrimps. Indian J. Vet. Sci. and Anim. Husb. 13: 121-126. June 1943. 41.8 In22

19164 HESS, E. Five hundred tons of rose hips for 1945. Home & Country [London] 27: 119. Aug. 1945. 281.28 H752

19165 HILBERT, G. E., and others. Starch sponge -- a promising new ingredient; its interesting properties indicate practical uses in bakery products, confections and specialty foods. Food Indus. 17: 878-882. Aug. 1945. 389.8 F737  
M. M. Mcmasters, M. J. Cox, C. W. Bice, M. Hedges, and V. L. Getz, joint authors.

19166 \*JACOB, K. C. Indigenous dyes of the Madras Province. Madras Agr. J. 31: 129-134. May 1943. 22 M262

Vegetable dyes.

19167 KINNARD, V. Seaweed in industry. Foreign Com. Weekly 20(5): 10-12, 17, 42. July 28, 1945. 157.54 F763

19168 LANDA, L. Materias primas e industriales. Honduras Agr. 1(9): 14-15. July 1, 1945. 8 H753  
The wax myrtle (Myrica cerifera) and the wax obtained from it.

19169 LÓPEZ, H. Filete de bonito salado. Peru. Dir. de Asuntos Orientales, Colon. y Terrenos de Oriente. Colon. y Foresta 1(4): 42-43. 1944. 9.8 P435

19170 LUZ FILHO, F. Mensagem aos cooperadores hervateiros. Ceara, Brazil. Dept. Estad. de Coop. Cooperação 6(31): 20-22. Jan. 1945. 280.28 C781

19171 PINHEIRO, C. A. DO N. Caauassu. Assoc. Com. do Amazonas. B. 4(48): 41-42. July 1945. 286.9 As7B

Calathea lutea as a source of wax.

19172 POLAND, C. C. Popunha - uma das mais úteis e curiosas palmeiras da Amazônia. Riquezas de Nossa Terra, No. 17, p. 4-5. 1944. 9.2 N842  
Guilielma gasipes.

19173 RANGHEL GALINDO, A. La quina en cifras. Agr. Trop. 1(1): 37-40. Feb. 1945. 26 Ag8  
Statistics for Colombia.

19174 ROY, J. B. L'élevage des animaux à fourrure; avec un caractère de permanence et de sécurité cet élevage du Québec fournit le tiers de la production canadienne. B. des Agr. 41(8): 8-13. Aug. 1945. 7 B872

Notes that this industry is helping to diversify agriculture.

## AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

## GENERAL

19175 AGRICULTURE in São Paulo; a review of production in Brazil's leading agricultural State. Brazilian Business 25: 11-14, 16, 18, 20, 22. Jan. 1945. 286.8 B732

Includes land utilization, number and size of farms, labor, tenure, and agricultural products.

19176 AILLON TAMAYO, C. Problemas de la educación y la economía agrícola. Ecuador. Min. de Econ. Inform. Econ. 1(5): 5-6. Mar. 1945. 255.5 Ec97

19177 BREWSTER, J. M. Farm technological advance and total population growth. J. Farm Econ. 27: 509-525. Aug. 1945. 280.8 J822

19178 BURBANO R., J., and CABEZAS B., H. Estudio preliminar agro-económico del proyecto de irrigación del Pisque en la Provincia de Pichincha. Ecuador. Min. de Econ. Inform. Econ. 1(6): 2-3, 7-9. Apr. 1945. 255.5 Ec97

Study deals with climate and communications, size of farm properties, value of lands, population, soils agriculture of the zone, water available for irrigation, and means of improving agriculture.

19179 CAMAC, M. J. What have we to offer the land-minded serviceman? So. Austral. Dept. Agr. J. 48: 490-492. June 1945. 23 So84

Includes land values, State aid to agriculture, agricultural policy, and land settlement.

19180 CARUS, C. D. Japan's economic resources. Inst. World Aff. Interim Proc. (1944/45) 21: 51-53. 280.9 In792

Natural resources included.



19181 \*CASTELLANI, E. La Tunisia: agricoltura e colonizzazione; con un capitolo di T. M. Bettini sull'allevamento. R. Ist. Agron. per l'Africa Ital. Relaz. e Monog. Agr.-Colon., No. 68, 257 p. Firenze, 1942. 16 Is7

Saggio Bibliografico, p. 233-257.

19182 CAVALCANTI, P. Reflexões necessárias. Observador Econ. e Financ. 10(113): 143. June 1945. 280.8 Ob72

Brazil's agricultural economy.

19183 COLE, R. R. Industrial agriculture. Natl. Farm Chemurg. Council. Chemurg. Papers 414, 3 p., processed. Columbus, Ohio, 1945. 381 N213P

19184 COLORADO STATE PLANNING COMMISSION. Year book of the State of Colorado 1943-1944... Compiled and edited by T. R. Ingram. 562 p. Denver, 1945? 252.11 C714

Includes population, land, and agriculture.

19185 DAVIDSON, H. R. Danish producers willing to co-operate; in this third article based on a personal tour of their country, our contributor refers to the Danes' willingness to discuss mutual problems of standards of living, land robbery and the possible evils of cheap food. Farmer & Stock-Breeder 59: 1204-1205. July 31, 1945. 10 F228

19186 DUGGAN, I. W. Farm challenges overcome. Milk Prod. 10(7): 9. Aug. 1945. 44.8 M5993

Farm employment and ownership.

19187 \*DURAI SWAMI, S. V. The need for an intensive research in the science of rural economy. Madras Agr. J. 30: 256-260. Aug. 1942. 22 M262

19188 FOWKE, V. Economic effects of the war on the Prairie economy. Canad. J. Econ. and Polit. Sci. 11: 373-387. Aug. 1945. 280.8 C162

19189 HAND, C. H. Rural rehabilitation. Tasmanian Fruitgrower and Farmer 21(263): 13. May 1945. 23 T185

19190 INTERNATIONAL LABOUR OFFICE. Year book of labour statistics. Ed. 8, 265 p. Montreal, 1945. 283.9 In8Ye

Includes labor and wages, cost of living, and migration.

19191 IVES, W. U. N. R. R. A.'s part in agricultural rehabilitation in the Far East. Austral. Inst. Agr. Sci. J. 11: 63-65. June 1945. 23 Au74

19192 LAMONTAGNE, Y. Economic conditions in France. II. Canada. Dept. Trade and Com. Com. Intel J. 73: 95-99. Aug. 4, 1945. 286.8 C16

Includes the situation in agriculture.

19193 LEWIS, B. E. M. F. A. C. and post-war industrial planning. Manitoba Co-op. 3(1): 5. Aug. 1, 1945. 280.28 M31

Relation of industrial reconversion to agriculture.

19194 LOHMAN, P. H. Economic planning in India. New Europe 5(7): 3-7. July/Aug. 1945. 280.8 N44

Includes discussion of agricultural unemployment, income, and land tenure.

19195 \*MANETTI, C. L'economia agricola della Tunisia. Rass. Econ. dell'Africa Ital. 28: 527-546. July 1940. 261 C71

19196 \*MARASSI, A. L'oasi di Tauorga. R. Ist. Agron. per l'Africa Ital. Relaz. e Monog. Agr.-Colon., No. 67, 113 p. Firenze, 1942. Ref. 16 Is7

Population, agricultural activities, and irrigation.

19197 MARTÍNEZ DE ALBA, E. ¿A dónde quiere ir la Laguna [Mexico]? Rev. de Econ. 8(7): 8-10. July 1, 1945. 280.8 R3293

Agricultural problems including credit.

19198 \*MAUGINI, A. Appunti sulle prospettive agricole dell'Impero. Agr. Colon. 35: 401-414, 447-451. Nov.-Dec. 1941. 26 Ag82

Discusses the native agricultural economy in Italian East Africa, agricultural colonization, and agricultural products.

19199 MEARS, E. G. Economic problems of the postwar period. Inst. World Aff. Interim Proc. (1944/45) 21: 64-68. 280.9 In792

Includes agriculture.

19200 MILLER, M. D. A letter to Australian farmers. Food Front 2(3): 4-11. June 1945. 281.8 F73

Impressions of agriculture and rural life.

19201 MOLL, R. Lecciones de economía; estudio del desarrollo de la economía venezolana. Cam. de Com., Caracas. B. (ser. 2) 34: 9649-9655, 9690-9696. (Cont.) May-June 1945. 287 C173

Includes colonization.

19202 MOORE, M. P. Sweet peace, sweet sleep--but wake up, South! Plantation Stockman 2(12): 12, 20-21. Aug. 1945. 49 p69

Agricultural and economic conditions in the South.

19203 PISK, E. U. R. S. S.-Brasil; geografia económica; perspectivas de intercambio. Observador Econ. e Financ. 10(111): 49-68. Apr. 1945. 280.8 Ob72

Includes the agricultural regions of U. S. S. R.

19204 PRADO JUNIOR, C. Problema de povoamento. Observador Econ. e Financ. 9(97): 80-91. Feb. 1944. 280.8 Ob72

Includes migration, social conditions, land tenure, and agrarian reform.

19205 \*RAMAKRISHNAN, K. C. Economic factors in agricultural development. Madras Agr. J. 29: 189-197, 231-235. May-June 1941. 22 M262

Substance of three lectures delivered at the Agricultural College, Coimbatore, Nov. 1939.

Includes cooperative organization of agriculture, land tenure, and taxation.

19206 A REFORMA agrária. Observador Econ. e Financ. 10(113): 20-38. June 1945. 280.8 Ob72

Includes discussion of the breaking up of the latifundia, rural poverty, farming technique, and the rural exodus and its causes in Brazil.

19207 ROBERTSON, H. M. The economic development of the Cape under Van Riebeeck. So. African J. Econ. 13(1): 1-17. Mar. 1945. 280.8 So83

Agricultural settlement and development.

19208 RUSSIAN agriculture. Food Front 2(2): 3-5. Mar. 1945. 281.8 F73

Based on information prepared by V. Karpinsky. Collective farms and income distribution.

19209 SIENRA, H. M. Regiones productoras de Guatemala; agricultura laboriosa en naturaleza hostil. Guatemala. Dir. Gen. de Agr. Rev. Agr. (ser. 2) 1: 392-398. Apr. 1945. 8 G934

Agriculture and economic conditions in San Martín Sacatepéquez in Quezaltenango.

19210 SKEELES, W. R. No sectional monopoly of prosperity; fortunes of agriculture, industry and commerce rise and fall together; post-war problems should cancel out. Farmer's Weekly [Bloemfontein] 69: 816-817, 819. July 4, 1945. 24 F225

19211 SMITH, R. Farmers and full employment. Common Sense 14(8): 14-16. Sept. 1945. 280.8 C737

Importance of full industrial employment to the farmers.

19212 SODRE, N. W. História econômica do Brasil. Observador Econ. e Financ. 10(112): 81-86. May 1945. 280.8 Ob72

Includes references to agricultural economy.

19213 TODD, H. P. Productivity and income by tenure groups, 310 farms [in Jefferson Davis and Marion Counties]. Miss. Farm Res. [Miss. Sta.] 8 (7): 7. July 1945. 100 M69M1

19214 \*TRIGONA, G. Primizie orticole e agricoltura intensiva in Tripolitania. Agr. Colon. 36: 205-208, 246-251, 274-279. July-Sept. 1942. 26 Ag82

Economic aspects of agriculture, including labor, costs and returns, and exports of crops.



## AGRICULTURAL FINANCE

Credit

19215 AGRICULTURAL BANK OF TASMANIA. Annual reports of the Board of Management and of the Closer Settlement Board for the year ended 30th June, 1944; to which are appended statement of accounts and other information. 26 p. Hobart, 1945. 284.29 Ag8

Includes rural credit operations of the bank.

19216 BANCO AGRICOLA DE BOLIVIA. Memoria sobre la labor desarrollada durante el período julio 1943 - junio 1944, segundo ejercicio. 42 p. La Paz, 1944. 284.29 B2213

19217 BANCO AGRÍCOLA Y PECUARIO, CARACAS, VENEZUELA. Informe que la Junta Administradora del Banco Agrícola y Pecuario presenta al Ministerio de Agricultura y Cría, relativo a las actividades del instituto en el año de 1943. 422 p. Caracas, Artes Gráficas, 1944? 284.29 B2241

19218 BANCO DO BRASIL, S. A. Relatório apresentado à Assembléa Geral dos Acionistas, na sessão ordinária de 27 de abril de 1945. Observador Econ. e Financ. 10(111): 130-159. Apr. 1945. 280.8 Ob72

Includes operations in agricultural credit.

19219 BLACK, J. D. Agricultural credit policy in the United States, 1945. J. Farm Econ. 27: 591-614. Aug. 1945. 280.8 J822

19220 BROWN, A. G. "Rain or shine" farm credit. Banking 38(2): 57-58. Aug. 1945. 284.8 Am3

19221 BURROUGHS, R. J. Mortgage insurance for farm housing. J. Farm Econ. 27: 676-682. Aug. 1945. 280.8 J822

19222 FARM CREDIT ADMINISTRATION OF NEW ORLEANS. DIVISION OF RESEARCH. Loans paid in full prior to maturity, Federal Land Bank and Land Bank Commissioner, January - July, 1945. Farm Credit Admin. New Orleans. Div. Res. C. P. L. 9, 7 p., processed. New Orleans, 1945. 284.29 F224

19223 FARM CREDIT ADMINISTRATION OF NEW ORLEANS. DIVISION OF RESEARCH. Loans paid in full prior to maturity, Federal Land Bank and Land Bank Commissioner, July - December, 1944. Farm Credit Admin. New Orleans. Div. Res. C. P. L. 8, 7 p., processed. New Orleans, 1945. 284.29 F224

19224 GUEVARA C., E. La Caja de Crédito Agrario [Colombia]. Vida Rural 6(70): 33. (To be cont.) May 1945. 9.4 v66

19225 HENDERSON, L. The Farm Security Administration. Rural Life [Jackson] 1(2/3): 67-69. Oct. 1944/Jan. 1945. 281.28 R883

Credit.

19226 HURST, F. J. The Farm Credit Administration meets the need of agriculture for dependable low cost credit. Rural Life [Jackson] 1(2/3): 49-52. Oct. 1944/Jan. 1945. 281.28 R883

19227 KIRK, J. H. American short-term farm credit. Gt. Brit. Min. Agr. Agriculture 52: 203-204. Aug. 1945. 10 G79J

19228 \*LONG-TERM agricultural finance. East. Econ. 4: 776-777. June 8, 1945. 280.8 Pa72

Credit in India.

19229 MACHADO, A. DE O. Organização do crédito agrícola. Rev. do Algodão 15(100): 19-22. May 1945. 72.8 R322

Brazil.

19230 \*MASSARI. I tecnici agricoli e il credito agrario. Avanguardia Rurale 11: 103-104. July/Aug. 1940. 16 Av1

19231 MENDOZA OLGUÍN, S. El índice funcional del crédito. Rev. de Econ. 8(8): 20-25. Aug. 10, 1945. 280.8 R3293

19232 RIGGLE, J. J. Farm loans up to 65 % allowed by new law. Natl. Live Stock Prod. 23(11): 8, 20. Sept. 1945. 280.38 N21

Income

19233 BOAL, R. S., and BOARD, K. R. Saving and spending the farm dollar. Your Farm 3(11): 83-86. Sept. 1945. 6 Y8

19234 BRANDT, J. National prosperity depends on equitable farm income. Dairymen's League News 29(18): 9. Aug. 28, 1945. 44.8 D1432

19235 GOLDSMITH, S. F. Farm income during the war. Agr. Situation 29(8): 9-12. Aug. 1945. 1 Ec7Ag

19236 INCOME levels of Australian farmers. III. Rev. Mktg. and Agr. Econ. (n. s.) 13: 138-142, processed. June 1945. 286.8 N47M

19237 \*LEMNE, L. Jordbrukets inkomster i För-enta Staterna [Farm income in the United States]. Lantmannen 29: 525-528. June 9, 1945. 11 L234

19238 \*OLSSON, H. Jordbrukarnas kontanta inkomster och utgifter år 1943. Vad säga deklara-tionsundersökningarna? Lantmannen 29: 543-545. June 16, 1945. 11 L234

Swedish farm cash income and expenses in 1943.

19239 PARVIN, D. W. Mississippi farm income increased during war years. Miss. Farm Res. [Miss. Sta.] 8(7): 7. July 1945. 100 M69M1

19240 SCOTT, G. A. California farm income up. Calif. Cattleman, Aug. 1945, p. 14. 43.8 C12

19241 STEWART, A. Stabilization of the income of the primary producer. Canad. J. Econ. and Polit. Sci. 11: 359-372. Aug. 1945. 280.8 C162

19242 WALTERS, F. R. Over \$20 billion farm income in 1945. Mag. Wall St. 76: 530-531, 561-562 Aug. 18, 1945. 286.8 M27

Inflation

19243 BOWLES, C. The control of inflation as a national policy. (Abs.) Assoc. Land-Grant Col. and U. Proc. (1944) 58: 160-161. 4 As7

19244 A INFLAÇÃO no Canadá. Observador Econ. e Financ. 10(111): 17-25. Apr. 1945. 280.8 Ob72

19245 MILEBURN, V. S. Inflation's winding stair. Rural Co-op. 9(22): 2. July 24, 1945. 280.28 R88

The Canadian farmer's concern with the question.

Insurance

19246 ANDREWS, D. K. Old-age security for the American farm population. J. Farm Econ. 27: 634-648. Aug. 1945. 280.8 J822

19247 BATSON, E. Some points of comparison between the social security proposals for the Union and for Southern Rhodesia. So. African J. Econ. 13(1): 43-51. Mar. 1945. 280.8 So83

A table shows rural benefit rates.

19248 SOUZA, W. W. C. DE. Seguro agrícola. São Paulo (State). Supt. dos Serv. do Café. B. 20 (217): 305-308. Mar. 1945. 68.29 Sa63

Also in Observador Econ. e Financ. 10(111): 81-83. Apr. 1945. 280.8 Ob72

Taxation

19249 \*BECKERICH, A. Comment calculer la retenue pour la perception de l'impôt sur les salaires des ouvriers agricoles. Rev. des Agr. de France 75: 101-102. July 1943. 14 R325

19250 BROWN, R. W. Missouri's tax policies after the war as they affect the farmer. Natl. Tax Assoc. Proc. (1944) 37: 71-76. 284.59 N21

19251 HAYGOOD, T. F. How would a Federal sales tax affect farmers? J. Farm Econ. 27: 649-663. Aug. 1945. 280.8 J822

19252 MACHADO, L. Índice fiscal cubano; relación de los impuestos, tasas y contribuciones vigentes en junio 1<sup>o</sup> de 1944; recaudación obtenida por el Estado durante el año 1943. 14 p. Habana, Asociación Nacional de Industriales de Cuba, 1944. 284.5 M18

Includes taxes on the tobacco, alcohol, and food industries.

19253 N. Y. (STATE). DEPT. OF TAXATION AND FINANCE. The tax law; articles 1-3; assessment of real property, 1945. N. Y. (State). Dept. Taxation and Finance. [N. Y. State Tax B.], v. 30, No. 1, 52 p. Albany? 1945. 284.59 N482

Includes taxation of land and forest.



19254 PARA UMA reforma tributária. Observador Econ. e Financ. 10(111): 33-47. Apr. 1945. 280.8 Ob72

Includes land taxation in Brazil.

19255 \*UNITED PLANTERS' ASSOCIATION OF SOUTHERN INDIA, COONOR. The Madras agricultural income-tax bill, 1945. Planters' Chron. 40: 179-184. June 15, 1945. 22 P693

19256 VICIEN, J. Impuestos que atentan contra el derecho de propiedad. Rev. de Econ. Argentina 44: 277-280. June 1945. 280.8 R325

Emphasizes taxation of large landholdings.

#### AGRICULTURAL LABOR AND WAGES

19257 \*ISLANDER, A. Tidsstudier vid trådesbruk. Lantmannen 29: 461-463. May 19, 1945. 11 L234

Time and motion study.

19258 ASOCIACIÓN RURAL DEL URUGUAY. Sobre salario mínimo y jubilación de trabajadores rurales; dictamen jurídico del Doctor Adolfo Gelsi Bidart. Diario Rural 4(369): 11. Apr. 15, 1944. 9.9 D54

19259 BARLEY, H. D. Save labour - save time. Poultry World 77: 68. Aug. 10, 1945. 47.8 P8582

19260 BASTOS, A. DE M. Seringais de Mato Grosso. Observador Econ. e Financ. 9(97): 17-22. Feb. 1944. 280.8 Ob72

19261 BLACK, D. L. A ceiling price for cotton picking? Cotton and Cotton Oil Press 46(17): 8. Aug. 25, 1945. 304.8 C822

19262 \*BOBROVNIK, P. Organizatsiya truda v chabanskikh brigadakh. Sovkhoz. Proizvod. 5(3): 10. Mar. 1945. 20 So85

Work management on the State sheep farms of the Krasnoyarsk trust.

19263 BRUNK, M. E. Conserving time and effort on the farm. Citrus Indus. 26(8): 7, 11. Aug. 1945. 80 C49

19264 CANADA. DEPT. OF LABOUR. Wage rates and hours of labour in Canada 1943. Canada. Dept. Labour. Rpt. 26, 94 p. Ottawa, 1945. 283.8 C16L

The appendix contains figures for wages in agriculture 1943 and 1944.

19265 \*CAVERO, M. Malas cosechas y paro agrícola. Agricultura [Madrid] 14: 236-238. May 1945. 15 Ag84

Includes suggestions for the absorption of unemployed agricultural workers.

19266 DE WET, H. D. Three pre-requisites for satisfied farm workers. Farmer's Weekly [Bloemfontein] 69: 760, 761. June 27, 1945. 24 P225

19267 DI TELLA, T. La población ocupada y las rentas individuales en la Argentina. Rev. de Econ. Argentina 44: 256-267. June 1945. 280.8 R325

Includes data for those engaged in agriculture.

19268 FARLEY, A. J. An organization to improve farmer labor relations. N. J. State Hort. Soc. Hort. News 26: 1728, 1736. July 1945. 81 N46

New Jersey State Horticultural Society.

19269 FLORES DE LA PEÑA, H. Algunos aspectos del problema de los braceros. Rev. de Econ. 8(8): 26-28. Aug. 10, 1945. 280.8 R3293

19270 HARDIN, L. S., and OBERHOLTZER, J. W. Chore clinic for hog raisers. Successful Farming 43(9): 20-23, 102-103. Sept. 1945. 6 Su12

First of series.

19271 HARDIN, L. S. More milk with less time and effort. Ind. State Dairy Assoc. Ann. Rpt. (1945) 55: 5-10. 44.9 In22

19272 \*KOLL, J. Grundlage der arbeitseinstellung; vom sinn der nachbarschaftshilfe im kriege. Landesbauernschaft Moselland. Wchnbl., No. 34, p. 440. Aug. 21, 1943. 18 L2328

19273 LEASK, D. M. R. Rising labour costs on an East of Scotland farm from 1938 to 1944. Scotland. Dept. Agr. Farm Econ., No. 9, p. 6-7. Spring 1945. 281.9 Sc3F

19274 MACCOLL, E. D. Estatuto del Trabajador Rural. Diario Rural 4(473): 12; (474): 12; (475): 12. Apr. 28, May 2, 5, 1945. 9.9 D54

Comments on various aspects of the Uruguayan Labor Statute, including wage councils, wages, and assistance to the family.

19275 MACCOLL, E. D. La organización de la bolsa de trabajo en Tablada [Uruguay]. Diario Rural 4(369): 12. Apr. 15, 1944. 9.9 D54

19276 MACGREGOR, J. J. Milk production efficiency survey. Home Farmer 12(7): 11-13. July 1945. 280.344 H75

19277 MAULDIN, H. E., JR. State Agricultural Workers Coordinating Council. Rural Life [Jackson], 1(2/3): 119-120. Oct. 1944/Jan. 1945. 281.28 R883

19278 \*MICHEL, K. Die arbeitsbedingungen der ausländischen landwirtschaftlichen arbeitskräfte. Landesbauernschaft Moselland. Wchnbl., No. 12, p. 191. 192. Mar. 20, 1943. 18 L2328

19279 OBERHOLTZER, J. W. The application of motion and time study techniques to certain agricultural enterprises. (Sum.) J. Farm Econ. 27: 702-704. Aug. 1945. 280.8 J822

19280 \*ORIZET, J. Les congés payés en agriculture. Rev. des Agr. de France 74: 221-222. Dec. 1942. 14 R325

19281 PIOLETTI, L. A. Estatuto del Trabajador Rural. Diario Rural 4(472): 4. Apr. 25, 1945. 9.9 D54

The bill provides for various concessions to farm workers by their employers in Uruguay.

19282 \*POHLMANN, U. Jetzt heisst durchhalten! Landesbauernschaft Moselland. Wchnbl., No. 32, p. 418. Aug. 7, 1943. 18 L2328

Work done by women on German farms.

19283 RAMSAY, A. Harvest labour: N. F. U. [Great Britain] is satisfied. Farmer & Stock-Breeder 59: 1158. July 24, 1945. 10 P228

19284 SAVCHENKO-BELSKY, A. The workday unit on collective farms. Agr. Com. Amer.-Soviet Friendship. Release 2, p. 1-3, processed. Jan. 15, 1945. 20 Ag89

19285 SMITH, R. J. Paying pickers of citrus; many angles to be considered to arrive at equitable pay program. Citrus Leaves 25(8): 10-11. Aug. 1945. 80 C492

19286 STEGNER, W. They came to pick crops; a good neighbor experiment that worked. Agricultural laborers imported from Mexico have not only saved our food supply--but raised wages and working standards as well. Ammunition 3(8): 10-11. Aug. 1945. 283.8 Am3

19287 \*WITTERN. Helfer der landwirtschaft; vom einsatz zusätzlicher arbeitskräfte. Landesbauernschaft Moselland. Wchnbl., No. 31, p. 404. July 31, 1943. 18 L2328

19288 \*Z., S. Ny lantarbetstidslag. Lantmannen 29: 570-571. June 23, 1945. 11 L234

Legislation on working hours for farm labor in Sweden.

#### AGRICULTURE - SITUATION, POLICIES, AND PROGRAMS

19289 ABONDANO HERRERA, A. La situación agropecuaria nacional y principalmente la del Valle del Cauca. Agr. Trop. 1(6): 59-62. (To be cont.) July 15, 1945. 26 Ag8

19290 ADAIR, W. Arran's progressive farming; bid to be first "free area" in Great Britain. Farming News and North Brit. Agr. 97(34): 2. Aug. 17, 1945. 10 N82

19291 ADAIR, W. Equating consumption and production; Dominion farmers opposed to restriction. Farming News and North Brit. Agr. 97(26): 3. June 22, 1945. 10 N82



19292 ADAIR, W. Labour [Party] in power for first time; surprise of the general election. Farming News and North Brit. Agr. 97(32): 3. Aug. 3, 1945. 10 N82

Includes the party's farm policy.

19293 \*AKTIEBOLAGET SVENSKA HANDELSBANKEN. Annual report for the year 1944. 41 p. Stockholm, 1945. 284.9 Ak72

Includes reports on agriculture and the timber and pulp industry in Sweden.

19294 ALEXANDER, A. K. S. Don't be "official shy." Refusal to call upon the Government services often means a great deal of wading through formidable data. Make a telephone call and save a headache. Farmer & Stock-Breeder 59: 1217. July 31, 1945. 10 F228

19295 ANDERSON, C. P. "Work conquers all things;" full employment first requisite for farm prosperity. Vital Speeches 11: 661-664. Aug. 15, 1945. 280.8 V83

19296 ARGENTINA in 1944 - prosperity prevailed, some new records were set - and the Country's immediate postwar outlook seems bright. Foreign Com. Weekly 20(7): 7-9, 11, 47. Aug. 11, 1945. 157.54 F763

Includes the situation in agriculture.

19297 AUSTRALIA. DEPT. OF COMMERCE AND AGRICULTURE. PRODUCTION GOALS COMMITTEE. Production goals for rural products. Food Front 1(3): 41-45. June 1944. 281.8 F73

19298 AUSTRALIA. DEPT. OF EXTERNAL TERRITORIES. New Guinea agriculture. Food Front 1(4): 40-43. Sept. 1944. 281.8 F73

19299 AYALÁ, R. F. El Banco del Paraguay puede salvar la economía paraguaya. Paraguay. Min. de Agr. Rev., No. 9, p. 44-48. May 1945. 9.7 Ag8Re

Proposes that the bank act as an agency to organize and develop the national economy, including its agriculture.

19300 AYLESWORTH, P. F. Appraisal of agricultural goals program. Agr. Situation 29(7): 15-18. July 1945. 1 Ec7Ag

19301 \*BÁRCZAY, J. VON. Das ungarisch-deutsche Landwirtschaftsabkommen. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 14-18. 1942. 18 G31A

Describes the program for the development of Hungarian agriculture.

19302 \*BARTOLOZZI, E. I principali aspetti della vita economica delle genti del Lago Tana. Agr. Colon. 36: 149-157. June 1942. 26 Ag82

Economic aspects of agriculture.

19303 BARTON, G. S. H. Canadian agriculture at war. Food Front 2(1): 1-4. Dec. 1944. 281.8 F73

19304 BASTOS, H. Progresso técnico e padrão de vida. Brazil. Min. do Trab., Indus. e Com. B. 11 (124): 112-132. Dec. 1944. 255.3 F737A

Recommendations include an agricultural program.

19305 \*BEHRENS, G. Jahreswende! Landesbauernschaft Moselland. Wchnbl., No. 1, p. 1-2. Jan. 2, 1943. 18 L2328

Agriculture in Germany.

19306 \*BROICHER. Drei jahre ernährungswirtschaft in Luxemburg. Landesbauernschaft Moselland. Wchnbl., No. 43, p. 547. Oct. 23, 1943. 18 L2328

19307 \*BROICHER. Die luxemburgische landwirtschaft an der jahreswende. Landesbauernschaft Moselland. Wchnbl., No. 52, p. 654-655. Dec. 25, 1943. 18 L2328

19308 BRONDO WHITT, G. Informe del viaje a la región naranjera de Nuevo Leon. Fomento [monthly] 2(19): 3-4, 6, 24-26. May 1945. 8 F734

Agricultural problems are discussed.

19309 BULCOCK, F. W. Agriculture - 1945 [Australia]. Food Front 2(2): 1-2. Mar. 1945. 281.8 F73

19310 BULCOCK, F. W. The future of D. W. A. Cs. [Australia]. Food Front 2(3): 1-3. June 1945. 281.8 F73

19311 HURBURY, N. M. Farmers their own masters; control after the war. Tasmanian Fruitgrower and Farmer 21(263): 15. May 1945. 23 T185

19312 BUTLER, H. There is an urgent need for new agricultural policy. Natl. Grain J. 29(8): 6, 30-31. July 1945. 298.8 C83

19313 CANADIAN FEDERATION OF AGRICULTURE. Farmers meet the cabinet. 16 p. Ottawa, 1945. 281.9 F226

Library has also 1944.

19314 CARR, R. D. Mobile organisers and the War Agricultural Committee movement. Food Front 1(3): 7-8. June 1944. 281.8 F73

Australia.

19315 CARVAJALINO JÁCOME, L. J. La política agraria de la administración Santos. Rev. Nac. de Agr. [Bogotá] 39(489): 21-23. June 1945. 9.4 R32

19316 CAVANAGH, J. J. Local War Agricultural Committees [Australia]. Food Front 2(1): 29-30. Dec. 1944. 281.8 F73

19317 \*CAZIOT, P. Il faut gagner la bataille du pain quotidien. Rev. des Agr. de France 73: 95-97. Apr. 1941. 14 R325

Need for increasing agricultural production in spite of shortages of farm supplies and labor.

19318 CHAO, P. C. The agricultural economics program of China. J. Farm Econ. 27: 615-619. Aug. 1945. 280.8 J822

19319 \*CONFORTI, E. Impressioni agrarie su alcuni itinerari dell'altopiano etiopico. R. Ist. Agron. per l'Africa Ital. Relaz. e Monog. Agr.-Colon. No. 65, 213 p. Firenze, 1941. 16 Is7

General description of agriculture and crops produced. Includes a list of plant names.

19320 COURANJOU, A. L'agriculture algérienne agonise. Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 115-116. June 1945. 80 F9482

19321 CRUZ RAMÍREZ, C. Sobre coordinación agrícola. Unión Agr. del Sur 3(17): 7-8. May 1945. 9.3 Un3

Coordination of agricultural programs in Chile. Also in Agrario 9(360): 3. Apr. 30, 1945. 9.3 Ag85

19322 \*DAUN, G. E. Erzeugungsschlacht ein Vorbild für Europa; die wegweisende leistung des deutschen landvolkes. Landesbauernschaft Moselland. Wchnbl., No. 26, p. 366. June 26, 1943. 18 L2328

19323 DU FRANE, B. Mexcala-Balsas River Basin - Mexico. Agr. in the Americas 5: 160, 156, 157. Aug. 1945. 1 F752A

Includes agriculture in the Basin.

19324 ECHENIQUE, J. Favorable eco halla en el país [Chile] el plan de acción de la Sociedad Nacional de Agricultura; el Consejo de la institución se encuentra ya trabajando en el desarrollo del programa. Campesino [Santiago] 76: 243, 245-246. May 1945. 9.3 Sol2

19325 \*ECKARD, W. Im mai 1943 wieder bodenbenutzungserhebung! Richtige angaben im einzelnen - richtige lenkung im grossen! Landesbauernschaft Moselland. Wchnbl., No. 19, p. 289. May 8, 1943. 18 L2328

19326 \*FERRARA, A. Impressioni di viaggio sulla Tunisia. Agr. Colon. 34: 223-240. June 1940. 26 Ag82

Contains description of agriculture.

19327 GARCÍA DE DIEGO, J. El Delta [del Paraná] y su futuro económico. Chacra 15(177): 40-41. July 1945. 9 C34

Includes agricultural problems.

19328 GARCILASO, R. A. Los problemas del agro argentino en el pensamiento de Manuel Belgrano. Chacra 15(177): 67. July 1945. 9 C34

19329 GARCILASO, R. A. El sistema agrario de Rivadavia. Chacra 15(178): 67. Aug. 1945. 9 C34



- 19330 GARDNER, A. K. New State Commissioner shows Maine farmers top farm products figures; milk production, eggs, process vegetables, potato acreage 5 to 40 per cent above 1941. *Grange Herald* 8(1): 3, 56. Aug. 1945. 6 G764
- 19331 GENERALI, L. A agricultura precisa evoluir com a indústria. *Orientação Econ. e Financ.* 3 (35): 33-34. Apr. 1945. 280.8 Qr42  
Policy for Brazilian agriculture.
- 19332 GÓMEZ, P. Agrónomo panameño nos habla de la agricultura de su país. *Campesino* [Santiago] 76: 251. May 1945. 9.3 S012
- 19333 GRIFFITHS, R. L. Agricultural Committees in South Australia. *Food Front* 2(2): 10-12. Mar. 1945. 281.8 F73
- 19334 GUDME, S. Danish cunning saved the country during German occupation. *Farmer's Advocate and Home Mag.* 80: 592, 619. Aug. 23, 1945. 7 F22  
Reasons for the favorable situation in Danish agriculture.
- 19335 GUERRA FILHO, D'A. A agricultura e o esforço de guerra. *Campo* [Rio de Janeiro] 16(186): 55. June 1945. 9.2 C15
- 19336 GUIMARÃES, A. P. Os problemas agrícolas na Conferência das Classes Produtoras, de Teresópolis. *Rev. do Algodão* 15(100): 35-37. May 1945. 72.8 R322
- 19337 GUNN, G. D. Los Vallecitos de San Marcos Rancho. *South. Calif. Rancher* 10(7): 12. July 1945. 6 S0831  
Agriculture in northern San Diego County, Calif.
- 19338 HAND, C. Control of primary production. *Tasmanian Fruitgrower and Farmer* 21(263): 14. May 1945. 23 T185
- 19339 HAYES, J. M. The ideals of Muintir na Tíre. *Landmark* 1(1): 1, 2. Aug. 1944. 282.28 L23  
Rural and agricultural policy.
- 19340 HUBBARD, W. W. Maritime farming through the years. *Marit. Farmer and Co-op. Dairyman* 50(22): 10, 56-57, 60. Aug. 21, 1945. 7 C77
- 19341 HUTSON, J. B. The need for continued high agricultural production in the United States. (Abs.) *Assoc. Land-Grant Col. and U. Proc.* (1944) 58: 152-156. 4 As7
- 19342 JAUREGUIBERRY, M. Homenaje a la estancia; orientaciones rurales y acción ministerial con motivo del Congreso de la Federación Rural en Rivera [Uruguay]. *Diario Rural* 4(386): 4. (To be cont.) June 14, 1944. 9.9 D54
- 19343 JOHNSON, G. B. British agriculture at the cross-roads. *Canada. Dept. Trade and Com. Com. Intel. J.* 73: 93-95. Aug. 4, 1945. 286.8 C16
- 19344 \*KOLL, J. Ablieferung ist vordringlich. *Landesbauernschaft Moselland. Wchnbl.*, No. 26, p. 365. June 26, 1943. 18 L2328
- 19345 LABOR RESEARCH ASSOCIATION. Labor fact book 7, 208 p. N. Y., Internatl. Pub., 1945. 283.9 L11  
Covers the years 1943 to 1945. Chap. VII is Farmers and Farm Programs, p. 180-190.
- 19346 LEISTOKOW. Denmark after liberation. *New Europe* 5(7): 40-43. July/Aug. 1945. 280.8 N44  
Explains the abundance of agricultural products.
- 19347 \*LIPPAI, Z. Vengrija [Hungary]. *Mirov. Khoz. i Mirov. Polit.*, No. 1, p. 82-87. Jan. 1945. 280.8 M67  
Includes agriculture.
- 19348 LONGLEY, W. V. N. S. agriculture has big war job; production increases recorded in many branches notwithstanding acute shortage of labor. *Marit. Farmer and Co-op. Dairyman* 50(22): 18D, 43. Aug. 21, 1945. 7 C77
- 19349 LOUI, D. How a Federal farm loan saved the Dieter family. *Prairie Farmer, Gen. Ed.* 117 (17): 14-15. Aug. 18, 1945. 6 P883
- 19350 MCCONNELL, J. A. G. L. F. predicts strong food market. *Dairymen's League News* 29(18): 14. Aug. 28, 1945. 44.8 D1432  
Farm outlook.
- 19351 MCCULLOUGH, D. How it's done. *Countryman* 31: 181-182. Summer 1945. 281.28 C832  
How British farmers increased their wartime production.
- 19352 McDONALD, W. J. B. Some war-time expansion in agriculture - then what? *Austral. Inst. Agr. Sci. J.* 11: 76-81. June 1945. 23 Au74
- 19353 MCMILLAN, R. B. Recent production trends in New South Wales. *Rev. Mktg. and Agr. Econ.* (n. s.) 13(1): 8-11, processed. Jan. 1945. 286.8 N47M
- 19354 MCNEELY, M. "Vermilion Parish planning a sound future" -- Sobert. *Rice J.* 48(7): 14, 16. July 1945. 59.8 R36  
Quotes J. D. Sobert on agriculture in Vermilion Parish, La.
- 19355 \*MANETTI, C. Rapporti economici fra Tunisia e Italia. *Avanguardia Rurale* 11: 144-146. Nov./Dec. 1940. 16 Av1  
Chiefly on the agriculture of Tunisia.
- 19356 \*MANETTI, C. La Somalia ex britannica e il suo avvenire agricolo. *Avanguardia Rurale* 11: 106-108. July/Aug. 1940. 16 Av1
- 19357 \*MARIOTTINI, M. M. Appunti sull'agricoltura della regione del Caro (Galla e Sidama). *Agr. Colon.* 36: 177-183. July 1942. 26 Ag82
- 19358 \*MAUGINI, A. L'agricoltura africana ed il nuovo oraine europeo. *Agr. Colon.* 36: 233-240, 261-268, 293-303. Sept.-Nov. 1942. 26 Ag82  
Various aspects of agricultural policy considering Europe and Africa as an economic entity.
- 19359 \*METHLING, R. Soziale Leistungsgemeinschaften; eine neue form der sozialbetreuung des landvolkes. *Nationalsoz. Landpost*, 1945, No. 1, p. 3-4. Jan. 5, 1945. 18 N212
- 19360 MEXICO in 1944 - war's impacts and looming European peace were main influences. *Foreign Com. Weekly* 20(5): 13-15, 57-59. July 28, 1945. 157.54 F763  
Digested from a report by L. B. Clark.  
Includes the situation in agriculture.
- 19361 MILES, F. L. Some of our problems in agriculture. *W. Va. Farm News* 24(5): 3, 12. Aug. 1945. 275.293
- 19362 MIRANDA, A. Consideraciones sobre el plan agrícola quinquenal. *Rev. Nac. de Agr.* [Bogotá] 39 (488): 40. Apr./May 1945. 9.4 R32
- 19363 MR., A. Une politique scientifique pour l'agriculture anglaise. *Petit Casablancais* 30 (1222): 4, 3. July 21, 1945. 280.8 P44
- 19364 \*NARODNOE khoziaistvo SSSR v 1945 godu [National economy of the USSR in 1945]. *Narodnoe Khoz.* No. 1, p. 3-11. 1945. 280.8 P69  
Includes agricultural policies.
- 19365 NEW ZEALAND. DEPT. OF AGRICULTURE. New Zealand and the war. *Food Front* 1(2): 10-12. Mar. 1944. 281.8 F73
- 19366 \*NG. Stand und entwicklungsmöglichkeiten der estnischen landwirtschaft. *Mitt. f. die Landw.* 59: 605-606. July 1, 1944. 18 D49M
- 19367 NICORA, C. D. La Carlota, una vieja zona triguera que evoluciona hacia el tambo; causas a que obedece ese hecho; (sinopsis de hombres y de cosas). *Rev. Mens. B. A. P.* 28(333): 7, 9-11, 13-19, 21-25. Aug. 1945. 9 R326  
Includes colonization and other aspects of agriculture.
- 19368 NICORA, C. D. Vicuña Mackenna; una población que en medio siglo de vida ha sabido asegurarse el porvenir. *Rev. Mens. B. A. P.* 28(331): 25-27, 29, 31-37, 39-41. June 1945. 9 R326  
Touches upon farming.



- 19369 NICORA, C. D. Villa Dolores... sinopsis de hombres y de cosas. Rev. Mens. B. A. P. 28(332): 7-13, 15-27, 29-35. July 1945. 9 R326  
Includes description of farmers and agriculture of the area.
- 19370 \*OBERTREIS. Zur erzeugungsschlacht in Luxemburg. Landesbauernschaft Moselland. Wchnbl., No. 1, p. 10. Jan. 2, 1943. 18 L2328
- 19371 OLLEA, D. E. Continúan pidiendo en Europa alimentos, para no morir de hambre; en nuestro país [Argentina] hace falta llevar de inmediato a cabo, una gran propaganda para aumentar la producción agrícola-ganadera. Gac. Algodonera 22(256): 1-5. May 31, 1945. 72.8 G11
- 19372 PANTON, E. H. War Agricultural Committee organisers in New South Wales. Food Front 1(3): 9-10. June 1944. 281.8 F73
- 19373 PIOLETTI, L. A. Varios temas. Diario Rural 4(475): 12. May 5, 1945. 9.9 D54  
Urges promotion of Uruguayan agriculture.
- 19374 PRICE, W. T., and JONES, E. Ambassadors of understanding. Gt. Brit. Min. Agr. Agriculture 52: 193-203. Aug. 1945. 10 G79J  
Impressions of American agriculture.
- 19375 PROBAUS, L. Maior produção agrícola. Observador Econ. e Financ. 10(111): 27-31. Apr. 1945. 280.8 Ob72  
Chiefly on United States agricultural policy.
- 19376 PUERTO RICO. PLANNING, URBANIZING AND ZONING BOARD. Second six-year financial program for the fiscal years 1945-46 to 1950-51 submitted... February 21, 1945. 55 p., processed. Santurce, 1945. 284.9 P96Ae  
The program includes agricultural development.  
Library of the U. S. Dept. of Agriculture also has the report, in Spanish, for 1944-45 to 1949-50, 38 p. processed, 1944.
- 19377 RENNER, A. J. Produção agro-pecuária e barateamento dos gêneros de consumo. Orientação Econ. e Financ. 3(36): 7, 8. May 1945. 280.8 Or42 Brazil.
- 19378 ROBINSON, J. L. Agriculture and forests of Yukon Territory. Canad. Geog. J. 31: 55-72. Aug. 1945. 470 C162
- 19379 S., C. B. Problemas nacionales de la producción rural [Uruguay]. Diario Rural 4(478): 4. Apr. 16, 1945. 9.9 D54
- 19380 SALES, A. Impressões dos Estados Unidos. Brazil. Min. do Trab., Indús. e Com. B. 11(122): 121-136; (123): 176-186. Oct.-Nov. 1944. 255.3 B737A  
Includes agriculture.
- 19381 SHEFRIN, F. Agricultural policy in the United States. Agr. Abroad 1(1): 15-20, processed. June 1945. 281.9 C1642A
- 19382 SHEPARD, E. F. Costs of Federal agricultural activities: their meaning and classification for purposes of economic analysis. J. Farm Econ. 27: 540-552. Aug. 1945. 280.8 J822
- 19383 SOCIEDAD AGROPECUARIA DE CERRO LARGO. Los graves problemas del campo y la ganadería [Uruguay]. Diario Rural 4(482): 12. May 30, 1945. 9.9 D54
- 19384 \*STENSGÅRD, A. H. Jordbrukets produktionskraft ekonomiskt öskadad. Lantmannen 29: 449-500. June 2, 1945. 11 L234  
A general survey of agriculture for the purpose of determining market prospects for Swedish agricultural products.
- 19385 STOCKDALE, SIR F. The British West Indies. (Sum.) West India Com. C. 60: 123-124. July 1945. 8 W524  
Includes agricultural problems.
- 19386 \*TASSINARI, A. M. La Malesie. Agr. Colon. 36: 67-73. Mar. 1942. 26 Ag82  
Includes agriculture of the Malay Peninsula.
- 19387 TAYLOR, S. G. Ceylon at war. Food Front 2(1): 28. Dec. 1944. 281.8 F73  
Agricultural program.
- 19388 TOBON VILLEGAS, A. 25 años de política agraria. Agr. Trop. 1(6): 7-8. July 15, 1945. 26 Ag8  
Colombia.
- 19389 TURNER, J. International co-operation in agriculture. Farmers' Club, London. J., pt. 5, p. 60-66. 1945. 10 L84  
Discussion, p. 66-72.
- 19390 VICTORIA. WAR AGRICULTURAL COMMITTEE. D. W. A. C.s in Victoria. Food Front 2(2): 27-29. Mar. 1945. 281.8 F73
- 19391 WAKARUK, N. Agriculture as an industry [Canada]. Alberta Farmers' Union. A. F. U. B. 5(7): 5-6. July 1945. 281.9 AL12
- 19392 WAR AGRICULTURAL COMMITTEES OF AUSTRALIA. War Agricultural Committees in Australia; a review of the present situation. Food Front 1(2): 2-8. Mar. 1944. 281.8 F73
- 19393 WYLIE, K. H. The agriculture of Costa Rica. Foreign Agr. 9: 114-128. Aug. 1945. 1.9 Ec7For
- Agriculture, Postwar
- 19394 BARTON, G. S. H. Canadian agriculture tomorrow. Milling and Feed 26(8): 11-12. Aug. 1945. 298.8 C162
- 19395 HRAYNE, F. W. Post-war planning in India. Gt. Brit. and East 61(1748, India Issue): 731-761. June 1945. 286.8 N27  
Includes agricultural reconstruction.
- 19396 CHEW, A. P. Postwar planning and the rural urban balance. J. Farm Econ. 27: 664-675. Aug. 1945. 280.8 J822
- 19397 CRUZ RAMÍREZ, C. Comentarios al informe de la Comisión de Agricultura de post guerra. Agrario 8(340): 8-9; (341): 5, 10. June 15, 30, 1944. 9.3 Ag85  
Chile.
- 19398 HOPE, C. R. Postwar agriculture. Kans. State Bd. Agr. Rpt. 64(266): 40-47. Apr. 1945. 2 K13Re
- 19399 JESNESS, O. B. Major adjustments for agriculture in the postwar era. (Abs.) Assoc. Land-Grant Col. and U. Proc. (1944) 58: 161-163. 4 As7
- 19400 KUTISH, F. A. Farming after the war. Your Farm 3(11): 76-80. Sept. 1945. 6 Y8
- 19401 \*RIEPPPEL, F. W. Die sicherung der landwirtschaft in der nachkriegszeit. Z. f. Schweiz. Statis. u. Volksw., No. 6, p. 552-558. Dec. 1943. 280.8 Z3
- 19402 TOLLEY, H. R. Probable trends in American food production after the war. (Abs.) Assoc. Land-Grant Col. and U. Proc. (1944) 58: 157-159. 4 As7
- 19403 U. S. TARIFF COMMISSION. Post-war imports and domestic production of major commodities; letters from the chairman of the United States Tariff Commission transmitting a report of the United States Tariff Commission in response to Senate Resolution No. 341 (78th Congress 2d sess.). U. S. Tariff Comm. Rpt. 154 (ser. 2), 1321 p. Washington, 1945. 173 T17Rs  
Includes agricultural products.
- Subsidies
- 19404 A., G. C. Increased subsidy for Australian dairy farmers. Rural Bank N. S. Wales. Farm Front 3: 89-90, processed. June 1945. 281.9 R883
- 19405 FREDERICK, S. R. The capital clip. Colo. Wool Grower and Marketer 11(5): 6. July 1945. 280.38 C71  
Effect of subsidies on the wool situation.
- 19406 HOOPER, J. A. Hooper is pessimistic about sheep subsidy. Natl. Live Stock Prod. 23 (11): 20. Sept. 1945. 280.38 N21
- 19407 HORST, M. Will consumers pay higher prices when subsidy ends? Dairymen's League News 29(18): 3, 14. Aug. 28, 1945. 44.8 D1432



19408 KAHLE, H. S. Notes on "The Economies of Public Measures to Subsidize Food Consumption," with an extension of the economic principles outlined to individual commodities. *J. Farm Econ.* 27: 683-686. Aug. 1945. 280.8 J822

Criticism of article by H. M. Southworth in *J. Farm Econ.* 27(1): 38-66. Feb. 1945.

19409 KENNEDY, E. E. Elimination of food subsidy, scrapping of wage freeze advocated by Sec'y Anderson. *United Dairy Farmer* 3(12): 3, 8. Aug. 20, 1945. 44.8 Un35

19410 RICHARDS, A. E. The Agricultural Food Board. *Econ. Annal.* 15: 51-54. Aug. 1945. 280.8 Ec75

Discusses subsidies on dairy products, canning crops, and dried beans in Canada.

19411 RODRIGUES, F. Nao devemos temer o subsidio. *Rev. do Algodão* 15(100): 3-4. May 1945. 72.8 R322

19412 WALWORTH, G. George Walworth says there is a case for a State subsidy for basic food. *Co-op. News* (n. s.), No. 1370, p. 2. Aug. 4, 1945. 280.28 C7897

British food control after the war.

#### COST AND STANDARD OF LIVING

19413 \*TOZZI, R. Cenni sulla economia familiare indigena della regione della Goscia. *Agr. Colon.* 35: 148-153. Apr. 1941. 26 Ag82

Family living costs and capital.

#### FARM MANAGEMENT AND LAND ECONOMICS

19414 \*ARND, U. Vertrauen zur eigenen leistung; kriegsversehrte in landwirtschaftlichen berufen. *Landesbauernschaft Moselland. Wchnbl.*, No. 26, p. 372. June 26, 1943. 18 L2328

19415 \*BEHRENS, G. Hofbegehungskommissionen. *Landesbauernschaft Moselland. Wchnbl.*, No. 10, v. 153. Mar. 6, 1943. 18 L2328

19416 \*BENDANDI, N. La gestione delle aziende agrarie degli Istituti di Assistenza e di Beneficenza. *Avanguardia Rurale* 11: 90-91. May/June 1940. 16 It1

19417 BERZAGHI, M. N. Práticas agrícolas racionais. *Ouro Branco* 10(12, 1. e. 11): 8. Mar. 1945. 72.8 Ou7

19418 BILL wants to poultry farm when he gets home, by "The Fenman." *Poultry* [London] 97: 9, 27, 41, 42, 57, 58, 73, 74. July 3-31, 1945. 47.8 P869  
Prospects for ex-servicemen wishing to engage in poultry farming.

19419 \*BOEMER, K. H. Die selbstverantwortlichkeit des betriebsführers. *Landesbauernschaft Moselland. Wchnbl.*, No. 33, p. 428. Aug. 14, 1943. 18 L2328

19420 \*BR. Fortschritte im grossen moselländischen weinbaukreis; besuch im kreis Bernkastel. *Landesbauernschaft Moselland. Wchnbl.*, No. 7, p. 106-107. Feb. 13, 1943. 18 L2328

Farming.

19421 \*BR. Landwirtschaftliche fortschritte im Kreise Bitburg. *Landesbauernschaft Moselland. Wchnbl.*, No. 10, p. 158-159. Mar. 6, 1945. 18 L2328

19422 BRONDO WHITT, G. La administración rural aplicada a pequeñas propiedades agrícolas. VII. *Fomento* [monthly] 2(19): 13, 16, 22. May 1945. 8 F734

19423 BUCK, P. S. Talks with Masha. Parts I-IV. *Asia and Americas* 45: 221-225, 273-277, 312, 344-348, 401-405. May-Aug. 1945. 286.8 Am31  
Pt. II, "I Am a Collective," describes life on the collective farms in Russia.

19424 CÁMARA DE COMERCIO, CARACAS. Memorandum ... sobre el "Proyecto de ley de reforma agraria." *Cám. de Com.*, Caracas. B. (ser. 2) 34: 9633-9635. May 1945. 287 C173

Comment on this memorandum by J. F. Stolk in issue for June 1945, p. 9677-9679.

19425 COBB, A. D. Facts for farm and home financial planning programs. (Abs.) *Assoc. Land-Grant Col. and U. Proc.* (1944) 58: 166-167. 4 As7

19426 \*COMAS CONTRERAS, J. San Isidro; sobre un fondo de su época. *Surco* [Madrid] 4(39): 20. May 1945. 15 Su7

Farming in Spain in the eleventh century.

19427 DAIL, H. M. Continuing agricultural prosperity depends on balanced farming. *Impl. & Tractor* 60(17): 29, 52. Aug. 25, 1945. 58.8 W41

19428 DE QUINCEY, S. Step one in farming. *Countryman* 31: 250-251. Summer 1945. 281.28 C832  
Experiences in starting on a British farm.

19429 DU TOIT, A. G. S., and VAN DEN BERG, A. J. Whole-farm demonstration at Spitzkop, Natal. *Farming in So. Africa* 20: 343-348. June 1945. 24 So842  
Management.

19430 ELLIS, F. E. "Best job of all"; that's what this 73 year old farmer in Simcoe County, Ont., thinks of farming - probably because he really uses his head. *Family Herald and Weekly Star* 76(31): 3. Aug. 1, 1945. 7 F21

19431 GALLOWAY, F. A. The business of fruit-growing. *So. Austral. Dept. Agr. J.* 48: 486-490. June 1945. 23 So84

Organization of the business side of production.

19432 GÓMEZ MARZHEIMER, G. Ciencia y producción agrícola. *Unión Agr. del Sur* 3(17): 43-45. May 1945. 9.3 Un3

Farm management, U. S. S. R.

19433 HARWOOD, L. W. An agricultural survey of Indian farmers in Navua. *Fiji. Dept. Agr. Agr. J.* 16: 50-55. June 1945. 25 F47Ag

Farm management.

19434 \*HENKEL, L. R. Kriegsbedingter landnutzungs-tausch. *Landesbauernschaft Moselland. Wchnbl.*, No. 19, p. 286. May 8, 1943. 18 L2328

19435 HERBERT, H. Sunlight on oblivion. *Plantation Stockman* 2(12): 6-9, 16. Aug. 1945. 49 P69

Management of the Shelby County Penal Farm.

19436 HOFFMAN, C. S. Just what do you mean by family type farm? Maybe family size. *Farmers Guide* 101(16): 21. Aug. 15, 1945. 6 In2

19437 HOFFMAN, P. J. Good Canadian farmer. *Saskatchewan Farmer* 36(16): 20. Sept. 1, 1945. 7 Sa74

The farm of A. B. Pocock, Moose Jaw, Sask.

19438 JESNESS, O. B. Peace - boom or bust for farmers? *Successful Farming* 43(9): 19, 36, 55. Sept. 1945. 6 Su12

19439 LEFFERT, H. Putting G I Joe on the farm. *West. Livestock J.* 23(49): 21, 75, 77-78, 80. Aug. 15, 1945. 6 F2278

19440 LEHRMAN, H. Progress in Yugoslavia. *Nation* 161: 156-157. Aug. 18, 1945. 280.8 N215  
Includes agrarian reform.

19441 \*MARINUCCI, M. Il tecnico agricolo nella sistemazione dei terreni. *Avanguardia Rurale* 11: 78-79. May/June 1940. 16 Av1

The importance of the expert in land management.

19442 MARTINEZ, F. Administración de pequeñas propiedades agrícolas. *Liborio* 5(5/7): 6. May/July 1945. 43.8 V41

19443 \*MEISNER. Planung der herbstbestellung. *Landesbauernschaft Moselland. Wchnbl.*, No. 32, p. 417. Aug. 7, 1943. 18 L2328

19444 MELLO, J. E. O drama do pequeno lavrador. São Paulo (State). *Supt. dos Serv. do Café. B.* 20: 166-168. Feb. 1945. 68.29 Sa63

19445 MILNE, F. B. Farming on a mixed farm in the Tatiara district. *So. Austral. Dept. Agr. J.* 48: 432-433. May 1945. 23 So84

19446 NEEL, L. R. Farming in the Evangeline country. *South. Agr.* 75(9): 8-9. Sept. 1945. 6 So83



- 19447 \*NORDENBORG, M. O. Småbrukets framtid. Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellan-sverige och Gästrikland 15(19): 3. May 12, 1945. 11 J762  
Types of farming suitable for the small farm in Sweden.
- 19448 \*PATÁKY, E. Die landwirtschaftsverwaltung. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 34-38. 1942. 18 G31  
Hungary.
- 19449 PATON, W. N. Farming in New Zealand. Statistical summary. New Zeal. J. Agr. 70: 597-601. June 1945. 23 N48J
- 19450 PIKE, M. M. Mind and muscle; or, How to tell a farm from a library. Wilson B. 19: 677-679. June 1945. 243.8 W69  
Experiences on a small family-type farm in Maine.
- 19451 \*RAMAKRISHNAN, K. C. Walchandnagar - an agri-industrial enterprise. Madras Agr. J. 32: 50-57. Feb. 1944. 22 M262  
Organization and management of the estate.
- 19452 RHODES, N. Nature's got it. For Sale, Want and Exch. B. 4(10): 1, 4. Aug. 15, 1945. 280.38 F74  
Farm methods.
- 19453 RODRÍGUEZ LÓPEZ, J. El catastro. Rev. de Econ., Finanzas y Admin. 4(1): 5-30. May 1945. 280.8 R3283  
Includes discussion of the cadaster in Uruguay.
- 19454 ROSSOUW, G. J. Aims of the farm licensing project; organised agriculture can no longer depend on unstable sources of income; Rhodesian act to be adapted to Union requirements. Farmer's Weekly [Bloemfontein] 69: 819. July 4, 1945. 24 F225 .
- 19455 ROUND, G. S. Pasture - forage - livestock. Successful Farming 43(9): 40-43. Sept. 1945. 6 Sul2
- 19456 SCOTLAND. DEPT. OF AGRICULTURE. FARM ECONOMICS BRANCH. Land, labour and capital on different types of farm. Scotland. Dept. Agr. Farm Econ., No. 9, p. 5-6. Spring 1945. 281.9 Sco3F
- 19457 SHANNON, A. T. A Waipa dairy farm. New Zeal. J. Agr. 70: 573-579. June 1945. 23 N48J  
Management.
- 19458 SHEPHERD, G. Homestead days. Saskatchewan Farmer 36(15, Mag. Sect.): 1, 8. Aug. 1, 1945. 7 Sa74  
Pioneer conditions.
- 19459 SMOYER, K. M. Mister--how does your orchard grow--ten years from now? Citrus Leaves 25 (8): 34-35. Aug. 1945. 80 C492  
Management and returns from citrus orchards.
- 19460 \*SPIEKERMANN. Die hofkarte als helfer im betriebe. Landesbauernschaft Moselland. Wchnbl., No. 35, p. 451. Aug. 28, 1943. 18 L2328
- 19461 \*SPIEKERMANN. Meine hofkarte. Landesbauernschaft Moselland. Wchnbl., No. 12, p. 194. Mar. 20, 1943. 18 L2328
- 19462 \*SPIEKERMANN. Was muss der bauer und landwirt von der hofkarte wissen? Landesbauernschaft Moselland. Wchnbl., No. 5, p. 77. Jan. 30, 1943. 18 L2328
- 19463 \*STIEBITZ, F. Gemeinschaftshilfe - das gebot! Landesbauernschaft Moselland. Wchnbl., No. 21, p. 306. May 22, 1943. 18 L2328  
Farming.
- 19464 \*SUBBANACHAR, V. N. India must grow more food. Madras Agr. J. 31: 256-259. Sept. 1943. 22 M262  
Methods of increasing production.
- 19465 TOLEDO, E. Precisamos de engenheiros. Observador Econ. e Financ. 10(110): 75-81. Mar. 1945. 280.8 Ob72  
Need for experts to improve farming methods in Brazil.
- 19466 \*TÜLLMANN. Landnutzungstausch im Moselland. Landesbauernschaft Moselland. Wchnbl., No. 46, p. 581-582. Nov. 13, 1943. 18 L2328
- 19467 TWO WAYS of farming: 1. My 2000 acres, by C. Higgs; 2. Draper turned farmer, by F. C. Hynard. Countryman 31: 200-207. Summer 1945. 281.28 C832  
Great Britain.
- 19468 \*VARADACHARI, K. Collective farming. Madras Agr. J. 30: 81-82. Mar. 1942. 22 M262  
The system is followed in the village of Peddara-dugur in the Anantapur District.
- 19469 \*VASS, V. E. Die bodenpolitik und ihre erfolge in den letzten jahrzehnten. Germany. Reichsmin. f. Ernähr. u. Landw. Ber. über Landw. (N. F.) Sonderheft 156, p. 28-33. 1942. 18 G31A  
Hungary.
- 19470 \*VOIGT, S. Marktleistung - ehrenschild des hofes; dem unbekannten besten soldaten der erzeugungsschlacht. Landesbauernschaft Moselland. Wchnbl., No. 18, p. 272. May 1, 1945. 18 L2328
- 19471 WHITTUM, R. B. First G. I. farm loan buys 100 acre farm in Webster; former third infantryman Antoine Gastonguay purchases Rondeau farm on Old Lisbon Road. Grange Herald 8(1): 39-40. Aug. 1945. 6 G764
- 19472 \*WITTERN. Der hofpate. Landesbauernschaft Moselland. Wchnbl., No. 11, p. 174. Mar. 13, 1943. 18 L2328
- 19473 WOLFF, E. Milk paid for this [Canadian] farm; by a lot of hard work the Hills built up a good farm out of bushland, and then branched out in the creamery business. Family Herald and Weekly Star 76(34): 3. Aug. 22, 1945. 7 F21
- Bookkeeping and Records
- 19474 CUNNINGHAM, J. B., and others. Summary of farm business reports of 2,767 farms in Illinois for 1944. Ill. Farm Econ., No. 122/123, p. 239-269. July/Aug. 1945. 275.28 IL5  
M. L. Mosher, E. N. Searls, and O. B. Brown, joint authors.
- 19475 DEGRAFF, H. Watch your costs! Nation's Agr. 20(7): 6-8. July/Aug. 1945. 280.32 B89  
Stresses need of farm accounts.
- 19476 MARQUESTO, A. B. La contabilidad en la pequeña explotación agrícola. Suelo Argentino 4: 472. July 1945. 9 Su2
- 19477 PAWLEY, W. H. Farm records - what the [New South Wales] Department [of Agriculture] is doing. Rev. Mktg. and Agr. Econ. (n. s.) 13(1): 2-3, processed. Jan. 1945. 286.8 N47M
- Cost of Production
- 19478 ANDERSON, R. There's good money in good grass. Farm J. 69(9): 16-17. Sept. 1945. 6 F2212  
First of a series of articles.
- 19479 BRESSLER, R. G., JR. Research determination of economies of scale. J. Farm Econ. 27: 526-539. Aug. 1945. 280.8 J822  
With reference to the dairy industry.
- 19480 BROWN, M. Smallholding set-out - 2: where the money went. Poultry Farmer [London] 113(2926): 6-7. July 20, 1945. 47.8 F312  
Costs and returns.
- 19481 COLLIER, G. W. Procedures of studying returns from conservation farming. J. Farm Econ. 27: 686-694. Aug. 1945. 280.8 J822
- 19482 CORNISH, F. Clearing scrub land - what is the cost? So. Austral. Dept. Agr. J. 48: 477-478. June 1945. 23 So84  
Figures include costs of clearing and returns from sheep and stumps.
- 19483 CUBA, P. Cultura experimental de cafeeiros. Rev. Rural Bras. 25(298): 24-25. June 1945. 9.2 B733  
Includes cost of production.
- 19484 EMRICH, O. T. Não dá lucro? Campo [Rio de Janeiro] 16(186): 36-38. June 1945. 9.2 C15  
Costs and returns in milk production.



- 19485 FARRANT, J. H. The cost of milk production. So. African Dairyman 7: 148. July 1945. 44.8 So822
- 19486 GASPARIN. Problemas ganaderos. No. 20-29, 31-45. Diario Rural 4(469): 14; (470): 14; (472): 8; (473): 8; (475): 8; (476): 8; (477): 8; (478): 8; (479): 8; (480): 8; (483): 8; (484): 8; (485): 8; (487): 8; (488): 8; (489): 8; (490): 8; (493): 8; (494): 8; (495): 8; (496): 8; (497): 8; (498): 8; (499): 8; (501): 8. Apr. 14-28, May 5-23, June 2-9, 16-27, July 7-28, Aug. 4, 1945. 8.9 D54  
Chiefly on cost of production problems.
- 19487 HUBBARD, W. W. Early birds get \$500 worm. Family Herald and Weekly Star 76(32): 11. Aug. 8, 1945. 7 F21  
Profits from early potatoes in Canada.
- 19488 IMPER, A. D. Some notes on the cost of growing potatoes. Scotland. Dept. Agr. Farm Econ., No. 9, p. 7-8. Spring 1945. 281.9 Sco3F
- 19489 IMPER, A. D. Some observations on the profits of cattle farms in the North-east. Scotland. Dept. Agr. Farm Econ., No. 9, p. 4-5. Spring 1945. 281.9 Sco3F
- 19490 LACEY, J. J. In seven years out of ten feed lambs return high. Equity Co-op. Livestock News 10(8): 3. Aug. 1945. 280.28 Eq5
- 19491 LAMONT, T. E., FERGUSON, D. B., and BOND, M. C. Costs and returns in growing and harvesting canning factory beets, 14 farms, Ontario County, 1941. N. Y. Agr. Col. (Cornell) A. E. 391, rev., 18 p., processed. Ithaca, 1945. 281.9 C81
- 19492 \*OLSSON, H. Den preliminära jordbrukskalkylen för 1945-46. Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige och Gästrikland 15(18): 12-13. May 5, 1945. 11 J762  
A preliminary calculation of costs and returns from farming in Sweden in 1945/46.
- 19493 QUARTINO, R. Ramie grass; cultivation possibilities in Argentina. Rev. River Plate 99 (2800): 21-22. Aug. 10, 1945. 286.8 R32  
Production costs and returns.  
Also in Spanish, p. 45-46.
- 19494 \*SANKARAIAH, K. Cultivation and marketing of Virginia tobacco. Madras Agr. J. 29: 393-399. Oct. 1941. 22 M262  
Emphasis is on costs and returns.
- 19495 SEALE-HAYNE AGRICULTURAL COLLEGE, NEWTON ABBOT, DEVON. Winter costs of milk production; farmers report for the winter period October 1944 - March 1945. 5 p., processed. Newton Abbot, 1945. 281.9 Sel
- 19496 SMITH, R. J. Lemon picking costs and pruning policy. Calif. Citrog. 30: 302. Aug. 1945. 80 C125
- 19497 TOMHAVE, A. E. Delaware's broiler cash receipts in 1944 total \$47,963,000. Peninsula Broiler J. 5(7): 1, 6. Aug. 6, 1945. 47.8 F37
- 19498 TRICK, W. E. How figures helped my milk production; a Somerset farmer describes his method of costing his dairy herd and shows the improvements that resulted from knowledge thus gained. Farmers Weekly [London] 23(6): 27, 29. Aug. 10, 1945. 10 F2226
- 19499 TURNER, F. N. Guesswork and hard facts. Farmers Weekly [London] 23(5): 29. Aug. 3, 1945. 10 F2226  
Costs and returns from ley farming.
- 19500 TURNILL, L. Table plant profits. Poultry Farmer [London] 113(2927): 3. July 27, 1945. 47.8 F312  
Costs and returns in table bird or egg production.
- 19501 ZAVORAL, H. G. Feed costs in hog production. Hog Breeder 20(8): 3, 4. Aug. 1945. 46.8 H672  
Also in Berkshire News 10(10): 15, 30. Aug. 1945. 46.8 B454
- Land Settlement and Colonization
- 19502 BAUER, L. Ideias sobre colonização no Brasil. Brazil. Cons. de Imigr. e Colon. Rev. de Imigr. e Colon. 5: 423-431. June 1944. 282.28 R32  
On the types of agricultural colonization needed.
- 19503 BUCHANAN, M. T. The G. I. Bill and veterans resettlement. Wash. (State). Agr. Expt. Sta. Div. Farm Managt. and Agr. Econ. A. E. 7, 8 p., processed. Burlington, 1945. 281.9 W2722  
Preparation and usefulness of land use class maps of the State of Washington in connection with veterans resettlement.
- 19504 CLARK, F. DE C. B. Contribuição para o estudo da imigração e colonização no Brasil. Brazil. Cons. de Imigr. e Colon. Rev. de Imigr. e Colon. 5: 702-707. Dec. 1944. 282.28 R32
- 19505 COTNER, T. E. Old-time Texas tales. Coastal Cattleman 11(6): 21-22. Aug. 1945. 43.8 C63  
Colonization of Texas.
- 19506 COUTURE, C. E. La colonisation -- Un projet -- II. Marit. Co-op. 13(16): 2, 7. Aug. 15, 1945. 280.28 M33  
Canada.
- 19507 \*FIKENTSCHER, H. Das siedeln der volksdeutschen in Ostpolen; schicksale, siedlergeist, lebenskraft. Arbeitsgemeinsch. zur Förderung des Landw. Bauwesens. Schriftenreihe, No. 2/3, p. 22-31. 1941. 281.9 Ar1  
Includes a typical housing plan and farm layout.
- 19508 GARCÍA, R. Bases para una política de parcelaciones y colonización. Rev. Nac. de Agr. [Bogotá] 39(489): 27-28. June 1945. 9.4 R32  
Speech introducing T. Lynn Smith who was addressing the Sociedad de Agricultores de Colombia. A summary of Prof. Smith's address is given, p. 29-30.
- 19509 HARE, H. R. Farms for new veterans; the Veterans Land Act [Canada] is ready to help returning soldiers get started on the land. Family Herald and Weekly Star 76(33): 5-6. Aug. 15, 1945. 7 F21
- 19510 LLAMAZARES, J. Inmigración, industria y colonización. Rev. de Econ. Argentina 44: 254-255. June 1945. 280.8 R325
- 19511 LYON, A. V. Land settlement plans; possibility of expansion in greater Mildura district. Citrus News 21: 67. May 31, 1945. 80 C494
- 19512 MARQUES, J. DE O. Bases para um plano de colonização. Brazil. Cons. de Imigr. e Colon. Rev. de Imigr. e Colon. 5: 689-701. Dec. 1944. 282.28 R32
- 19513 \*MAUGINI, A. Gli Inglesi in Cirenaica. Agr. Colon. 35: 45-46. Feb. 1941. 26 Ag82  
Italian colonization policy.
- 19514 \*MAUGINI, A. Una importante tappa della colonizzazione demografica della Libia. Agr. Colon. 36: 121-124. May 1942. 26 Ag82
- 19515 \*MAUGINI, A. Un nuovo progetto di legislazione sulla colonizzazione agraria della Libia. Agr. Colon. 37: 1-12. Jan. 1943. 26 Ag82
- 19516 \*MAUGINI, A. L'opera colonizzatrice di Italo Balbo. Agr. Colon. 34: 397-408. Oct. 1940. 26 Ag82  
Italian Africa.
- 19517 MELO, A. B. DE. O espirito de Genebra e a reconstrução social do mundo. Brazil. Cons. de Imigr. e Colon. Rev. de Imigr. e Colon. 5: 665-688. Dec. 1944. 282.28 R32  
Includes migration and land settlement.
- 19518 MILLER, E. V. Tipo de tierras agrícolas adecuado para la colonización en el Ecuador. Inform. Econ. [Quito] 1(6): 5. Apr. 1945. 255.5 Ec97
- 19519 \*MORESCHINI, T. Il problema della disponibilità della terra per la colonizzazione dello Scioa; prime esperienze. Agr. Colon. 35: 194-198. May 1941. 26 Ag82
- 19520 \*NISTRI, P. F. L'Ente di Colonizzazione per gli Italiani all'Estero. Rass. Econ. dell'Africa Ital. 28: 548-552. July 1940. 261 C71



19521 RESETTLEMENT [of veterans] in West Africa. Economist [London] 149: 194-195. Aug. 11, 1945. 286.8 Ec7

19522 RETURNED servicemen on the land [Australia]. Food Front 2(2): 13-15. Mar. 1945. 281.8 F73  
Land settlement schemes.

19523 \*RITZ, W. Bauerliches berufserziehungswerk - warum gerade jetzt? Landesbauernwirtschaft Moselland. Wchnbl., No. 2, p. 21-22. Jan. 9, 1943. 18 L2328

Chiefly on the settlement of Germans on Polish land.

19524 ROMERO, G. El aprovechamiento de las tierras. Paraguay. Min. de Agr. Cartilla Agropecuaria, No. 75/77, p. 35-42. Jan./Mar. 1945. 9.7 Ec72  
Considerations on land settlement.

19525 \*SINISCALCHI, A. Aspetti demografico-sociali della colonizzazione agraria libica. Agr. Colon. 37: 57-66. Mar. 1943. 26 Ag82

19526 SMITH, T. L. Como debe hacerse la colonización en Colombia. Agr. Trop. 1(6): 31, 33, 35. July 15, 1945. 26 Ag8

19527 STUTT, R. A., and VAN VLIET, H. An economic study of land settlement in representative pioneer areas of northern Saskatchewan. Canada. Dept. Agr. Tech. B. 52, 68 p. Ottawa, 1945. (P. 767) 7 C16T

Economics Division, Marketing Service, Dominion Dept. of Agriculture cooperating with Dept. of Farm Management, University of Saskatchewan.

19528 YOUNG, A. Newfoundland clears veterans' land. Family Herald and Weekly Star 76(30): 4. July 25, 1945. 7 F21

The program for veteran settlement.

#### Land Tenure

19529 BROWN, M. Land tenure [New Zealand]. Straight Furrow 4(8): 7. June 15, 1945. 281.8 St8

19530 CARVAJALINO JÁCOME, L. J. El nuevo régimen de tierras. Rev. Nac. de Agr. [Bogotá] 39(488): 41-43. Apr./May 1945. 9.4 R32

Land tenure.

19531 \*CROUZATIER, L. Les commissions paritaires et les récentes lois sur le fermage. Rev. des Agr. de France 75: 168-169. Nov. 1943. 14 R325

Discusses mainly regulations for stabilization of farm leases.

19532 DODWELL, B. The free tenantry of the Hundred Rolls. Econ. Hist. Rev. 14: 163-171. 1944. 277.8 Ec7

Land tenure in thirteenth century England.

19533 \*GÜCKENJAN. Pachtbeendigung und pächterwechsel im kriege. Landesbauernschaft Moselland. Wchnbl., No. 34, p. 440. Aug. 21, 1943. 18 L2328

19534 KLINGE, G. Política agrícola-alimenticia; (décima tercera parte). Vida Agr. 22: 419-426. May 1945. 9.8 V66

Land tenure in Peru in relation to the nutrition problem.

19535 \*KRÄMER. Der nationalsozialismus sicherte die lebensgrundlagen des bauerntums. Landesbauernschaft Moselland. Wchnbl., No. 5, p. 71-72. Jan. 30, 1943. 18 L2328

Land tenure in Germany.

19536 MANDER, L. A. The future of the Pacific Islands. Inst. World Aff. Interim Proc. (1944/45) 21: 92-102. 280.9 In792

Includes discussion of native land rights.

19537 \*MEYER IN DER STROTH. Verbesserungen des erbhofrechts; die verordnung zur fortbildung des erbhofrechtes. Landesbauernschaft Moselland. Wchnbl., No. 42, p. 533-534. Oct. 16, 1943. 18 L2328

19538 OTIS, J. R. Landlord-tenant cooperation. Ala. Tuskegee Inst. Ext. Negro Farmer 6(7): 2. Aug. 1945. 275.28 N31

Land tenure in Alabama.

19539 \*VALROGER, P. DE. La nouvelle législation sur le statut du fermage. Rev. des Agr. de France 75: 149-152. Oct. 1943. 14 R325

Discusses and gives texts of new laws dealing with farm leases.

19540 \*VOGT, K. Erbhof oder kolchos? Agrarpolitik als unterscheidungsmerkmal zwischen nationalsozialismus und bolschewismus. Nationalsoz. Landpost, No. 13, p. 3-4. Mar. 30, 1945. 18 N212

19541 WITNEY, D. Letting potato land. Scotland. Dept. Agr. Farm Econ., No. 9, p. 2. Spring 1945. 281.9 Sco3F

#### Land Utilization

19542 BLACK, D. E. Delta Council. Rural Life [Jackson] 1(2/3): 70-71. Oct. 1944/Jan. 1945. 281.28 RE83

#### Land Values and Valuation

19543 BERGER, R. L., and ENGELKING, R. Land market activity in North Dakota first quarter, 1945. N. Dak. Agr. Expt. Sta. Bimo. B. 7(6): 13-15. July/Aug. 1945. 100 N813B

19544 FARM CREDIT ADMINISTRATION OF NEW ORLEANS. DIVISION OF RESEARCH. Average price per acre of farm real estate in the rice area of Louisiana, 1900-1944. Farm Credit Admin. New Orleans. Div. Res. B. 18, 9 p., processed. New Orleans, 1945. 284.29 F224B

19545 FARM CREDIT ADMINISTRATION OF NEW ORLEANS. DIVISION OF RESEARCH. The farm real estate situation first quarter of 1944 compared with first quarter of 1943, fifth farm credit district. Farm Credit Admin. New Orleans. Div. Res. C. R. E. 10, 13 p., processed. New Orleans, 1944. 282.9 F22

19546 FARM CREDIT ADMINISTRATION OF NEW ORLEANS. DIVISION OF RESEARCH. The farm real estate situation, July-September, 1944. Farm Credit Admin. New Orleans. Div. Res. C. R. E. 12, 7 p., processed. New Orleans, 1944. 282.9 F22

#### POPULATION

19547 CARVALHO, F. M. DE. Imigração e café. IV. V. DNG; Rev. do Dept. Nac. do Café [Rio de Janeiro] 24: 328-332, 640-644. Mar., May 1945. 286.83 D44

19548 EULAU, H. Population transfers [in Europe]. New Repub. 113: 215-217. Aug. 20, 1945. 280.8 N

19549 MACHADO, D. P. Meios e processos de atrair e selecionar os imigrantes desejaveis. Brazil. Cons. de Imigr. e Colon. Rev. de Imigr. e Colon. 5: 463-467. Sept. 1944. 282.28 R32

19550 MENDES, J. E. T. Imigração, problema de todos os tempos da cafeicultura. Rev. de Agr. [Piracicaba] 20: 77-82. Mar./Apr. 1945. 9.2 R324

19551 NEIVA, A. H. Estudos sobre a imigração no Brasil. Brazil. Cons. de Imigr. e Colon. Rev. de Imigr. e Colon. 5: 215-222. June 1944. 282.28 R32  
Discusses the need of agriculture for immigrants and gives figures for numbers of Jews engaged in agriculture in Poland and the world.

19552 NEIVA, A. H. O problema imigratório brasileiro. Brazil. Cons. de Imigr. e Colon. Rev. de Imigr. e Colon. 5: 468-591. Sept. 1944. Ref., p. 582-584. 282.28 R32

19553 NEW ZEALAND. CENSUS AND STATISTICS DEPARTMENT. Statistical report on population and buildings for the year 1943-44. 24 p. Wellington, 1945. 271.2 C33P

Includes rural population and buildings.

19554 OLIVEIRA, A. X. DE. Nova contribuição ao estudo do problema imigratório no Brasil. Brazil. Cons. de Imigr. e Colon. Rev. de Imigr. e Colon. 5: 638-664. Dec. 1944. 282.28 R32

19555 WELlich, M. As migrações de após-guerra. Brazil. Cons. de Imigr. e Colon. Rev. de Imigr. e Colon. 5: 708-715. Dec. 1944. 282.28 R32



## RURAL SOCIAL ORGANIZATION

19556 EASTERBROOK, L. F. A countryside worthy of its workers - and workers worthy of the countryside. N. F. U. Rec. 23: 210-211. Aug. 1945.

281.8 N21

Improvement of country life in Great Britain.

19557 HALL, N. Revolutionising rural life in West Africa. Crown Colonist 15: 533-534. Aug. 1945.

280.8 C88

Development of rural areas.

19558 HOOFFER, O. Aspectos de la vida social rural de Panamá (Aspect of rural sociology of Panama). Inter-Amer. U. Inst. Social and Econ. Res. B. 2(3): 57-315. Feb. 1945. 280.9 P1922

19559 KENNA, E. D. Influence of highways on development of rural life in Mississippi. Rural Life [Jackson], 1(2/3): 84-87. Oct. 1944/Jan. 1945.

281.28 R883

19560 \*LENZ, W. Pfingstliche bauernbräuche. Landesbauernschaft Moselland. Wchnbl., No. 24, p. 348. June 12, 1943. 18 L2328

19561 \*SIEFERT, E. Erziehung zum dorf. Nationalsoz. Landpost, No. 1, p. 3. Jan. 5, 1945.

18 N212

19562 SMITH, M. E. Farm life in 1895 [in Canada] had many charms. Marit. Farmer and Co-op. Dairyman 50(22): 24-25. Aug. 21, 1945. 7 C77

19563 TODD, L. O. The purpose of the mid-winter meeting. Rural Life [Jackson], 1(2/3): 112-115. Oct. 1944/Jan. 1945. 281.28 R883

Objectives of the Mississippi Rural Life Council.

Human Ecology

19564 DEAN, J. M. The rural community and rural leadership. Rural Life [Jackson], 1(2/3): 90-91. Oct. 1944/Jan. 1945. 281.28 R883

19565 KRASKO, L. Typical restoration of a Ukrainian village. Agr. Com. Amer.-Soviet Friendship. Release 20, 2 p., processed. May 15, 1945.

20 Ag89

Institutions

19566 AKSIM, M. L. Must the little red school house go? Farmer's Advocate and Home Mag. 80: 567. Aug. 9, 1945. 7 P22

Canada.

19567 ANDERSON, C. P. The Secretary says: an exclusive statement to Western Dairy Journal. Va. Agr. Col. Ext. Div. News 27(10): 1-2. Aug. 1945.

275.29 V81E

Wartime achievements of county agents and the Extension Service.

19568 ANDERSON, J. M. Young farmers on the home front. Agr. Ed. Mag. 18: 32-33. Sept. 1945.

275.8 Ag8

The vocational agriculture program for adults in East Juab County, Utah.

19569 ARBOUR, M. B. An extension editor's view of war responsibilities. (Abs.) Assoc. Land-Grant Col. and U. Proc. (1944) 58: 150-152. 4 As7

19570 BARRAUD, E. M. Rural free libraries. Gt. Brit. Min. Agr. Agriculture 52: 225-228. Aug. 1945. 10 G79J

19571 BECK, C. G. When the veteran comes to the campus. Assoc. Land-Grant Col. and U. Proc. (1944) 58: 109-118. Oct. 24/26, 1944. 4 As7

19572 \*BECKERS. Die landwirtschaftsschulen im 5. kriegswinter. Landesbauernschaft Moselland. Wchnbl., No. 29, p. 310. July 15, 1944. 18 L2328

19573 BENFORD, O. Developing plans from community up. Ext. Serv. Rev. 16: 118. Aug. 1945.

1 Ez892Ex

Extension work program in Weld County, Colo.

19574 BLEGEN, T. C. The graduate school in the land-grant colleges and universities. Assoc. Land-Grant Col. and U. Proc. (1944) 58: 189-195. 4 As7

19575 BLOSE, D. T. Statistics of schools in urban and rural areas, 1941-42. U. S. Off. Ed. C. 231, 10 p. Washington, 1945. 156.3 C4922

19576 BOUCHER, C. S. Integrated courses in a land-grant institution. Assoc. Land-Grant Col. and U. Proc. (1944) 58: 83-89. 4 As7

19577 BOWMAN, M. Story of smallpox - how vaccination prevents disease. Manitoba Co-op. 2(24): 7. July 16, 1945. 280.28 M31

Eighth of a series on the Manitoba Health Plan.

19578 BROWN, B. British Boys for British Farms Scheme. Gt. Brit. Min. Agr. Agriculture 52: 217-219. Aug. 1945. 10 G79J

Placing of youth on the land by the Y. M. C. A.

19579 \*CALISTI, E. Su di un focolaio di anchiostomiasis rurale. Mutual. Rurale Fascista 7: 117-139. Mar./Apr. 1943. 448.8 M98

Study refers to the Province of Perugia.

19580 CARDWELL, J. N. Is vocational agriculture justified in city schools? Agr. Ed. Mag. 18: 25, 35, 36. Sept. 1945. 275.8 Ag8

19581 \*CARLSSON, C. H. Utbildningsläger för skolorndom. Lantmannen 29: 468-469. May 19, 1945.

11 L234

Training school boys for farm work in Sweden.

19582 CARTWRIGHT, M. A. The history of adult education in the United States. J. Negro Ed. 14: 283-292. Summer 1945. 275.8 J827

Includes Negro extension work.

19583 CLARK, L. H. I'm for the one-room school! Successful Farming 43(9): 24-25, 46-48. Sept. 1945.

6 Sul2

19584 CLEMENTS, L. D. Standards for the approval of departments. Agr. Ed. Mag. 18: 26-27. Sept. 1945. 275.8 Ag8

Includes text of circular on standards for high-school departments of vocational agriculture and application and survey form prepared by the agricultural education staff members in the State Department of Vocational Education and at the University of Nebraska.

19585 COLVIN, B. Women's Farm and Garden Association. Gt. Brit. Min. Agr. Agriculture 52: 223-225. Aug. 1945. 10 G79J

Women in agriculture.

19586 CROCHERON, B. H. Problems and policies ahead for the land-grant colleges in agricultural extension. Assoc. Land-Grant Col. and U. Proc. (1944) 58: 51-53. 4 As7

19587 DAVIDSON, H. R. British boys for British farms; the Y. M. C. A. performs a good deed for agriculture. Farmer & Stock-Breeder 59: 1130. July 17, 1945. 10 F228

The British Boys for British Farms Scheme and placement of boys in agriculture for training.

19588 DAVIS, M. M. More things than one. Survey Graphic 34: 342-343. Aug. 1945. 280.8 C37G

Health programs.

19589 DAVIS, P. O. Information responsibilities from the standpoint of an extension director. (Abs.) Assoc. Land-Grant Col. and U. Proc. (1944) 58: 146-150. 4 As7

19590 DE BELLEFEUILLE, R. Les allocations familiales et la jeunesse agricole. Terre de Chez Nous 17(42; 1. e. 43): 15. Aug. 1, 1945. 7 T27

19591 DENNIS, W. V. The place of the church in the rural community. Mountain Life & Work 21(1): 2-5. July 1945. 281.28 M86

19592 DEYOE, G. P., and LIGHTFOOT, E. A. Developing and maintaining interest in improvement projects in dairying. Agr. Ed. Mag. 18: 28-29. Sept. 1945. 275.8 Ag8

19593 DÍAZ GALINDO, F. M. La vieja Escuela Superior de Agronomía de Bogotá. Agr. Trop. 1(6): 9-10. July 15, 1945. 26 Ag8

19594 EBERLE, A. M. Problems and policies ahead for resident teaching in land-grant colleges. Assoc. Land-Grant Col. and U. Proc. (1944) 58: 62-65. 4 As7



- 19595 EGYPT. MINISTRY OF PUBLIC HEALTH. Annual report 1938. 148 p. Cairo, 1944. 449.75 Eg9  
Partial contents: Rural hygiene and health propaganda, p. 29-30; Malaria, p. 92-95; Entomology, p. 101-103.
- 19596 FOARD, J. H. Project agreements are essential. Agr. Ed. Mag. 18: 31, 33. Sept. 1945. 275.8 Ag8
- 19597 \*FOTH. Die "fremdlehre" ist besser; höchstens ein Jahr landarbeitslehre in der elterlichen wirtschaft. Landesbauernschaft Moselland. Wchnbl., No. 26, p. 372. June 26, 1943. 18 L2328
- 19598 FRANKE, P. Short cut to knowledge; the numerous short courses conducted by Texas A. & M. have a far reaching influence on agriculture and industry. Acco Press 23(8): 1-5. Aug. 1945. 6 Ac2
- 19599 \*GELLY, L. Problèmes ruraux: L'artisanat des campagnes. Rev. des Agr. de France 75: 166-167. Nov. 1943. 14 R325
- 19600 HAMLIN, H. M. Three years of program planning and evaluation [at the University of Illinois]. Agr. Ed. Mag. 18: 36. Sept. 1945. 275.8 Ag8
- 19601 HANNAH, J. A. The place of the land-grant college in the public educational system of the future. (Abs.) Assoc. Land-Grant Col. and U. Proc. (1944) 58: 75-79. 4 As7
- 19602 HIMEBAUGH, K. Extension's informational responsibilities as viewed by the War Food Administration. (Abs.) Assoc. Land-Grant Col. and U. Proc. (1944) 58: 139-141. 4 As7
- 19603 HINDMARSH, P. Work of agricultural high schools; splendid opportunity for farmers' sons; practical farming as part of school curriculum. Land [Sydney], No. 1750, p.16. June 15, 1945. 23 L22
- 19604 HOFFMAN, L. E. Help Indiana farmers to help themselves. Hoosier Farmer 30(8): 9, 28, 29. Aug. 1945. 280.82 H76  
County Extension work.
- 19605 HUBERT, G. A. Some recent developments in adult education among Negroes in agriculture. J. Negro Ed. 14: 341-346. Summer 1945. 275.8 J827
- 19606 IVANHOV, P. Woman heads far northern farm station. Agr. Com. Amer.-Soviet Friendship. Release 22, p. 1, processed. June 15, 1945. 20 Ag89
- 19607 JONES, L. I. The Agricultural Extension Service. Rural Life [Jackson], 1(2/3): 25-34. Oct. 1944/Jan. 1945. 281.28 R883
- 19608 KELLY, E. M. Home demonstration agent takes over. Ext. Serv. Rev. 16: 119. Aug. 1945. 1 Ex892Ex
- Helen M. Loofbourrow's experience in directing the educational program of the Extension Service in Ellsworth County, Kans.
- 19609 \*KLAUS, H. Berufserziehung — die politische aufgabe des landvolkes. Landesbauernschaft Moselland. Wchnbl., No. 3, p. 38. Jan. 16, 1943. 18 L2328
- 19610 KNAPP, H. B. [New York] State schools of agriculture, prepared to give veterans training for many jobs. Dairymen's League News 29(17): 2. Aug. 14, 1945. 44.8 D1432
- 19611 \*KOCH, H. Sicherung der bäuerlichen Zukunft. Landesbauernschaft Moselland. Wchnbl., No. 35, p. 452. Aug. 28, 1943. 18 L2328
- 19612 KOLLMORGEN, W. M. Observations on cultural islands in terms of Tennessee agriculture. East Tenn. Hist. Soc. P., No. 16, p. 65-78. 1944. 30.9 K83
- 19613 KULLMAN, N. E., JR. Classroom visitation, a principal's tool for improving the teaching of vocational agriculture. Agr. Ed. Mag. 18: 24-25. Sept. 1945. 275.8 Ag8
- 19614 LAKE, O. Secondary education for [New Zealand] country children. Straight Furrow 4(8): 29-31. June 15, 1945. 281.8 St8
- 19615 LARSON, G. Surplus medical equipment for rural areas. Agr. Situation 29(8): 20-21. Aug. 1945. 1 Ec7Ag
- 19616 LAWSON, J. I. Great strides made in rural education [in Canada]. Marit. Farmer and Co-op. Dairyman 50(22): 14, 52. Aug. 21, 1945. 7 C77
- 19617 LAYMAN, J. C. Determining the opportunities for farming programs. Agr. Ed. Mag. 18: 30-31. Sept. 1945. 275.8 Ag8
- 19618 LEFROY, J. A farmer's son leads the way; John Carson McGuire has developed broad educational plan for all classes of students at Chilliwack; home projects supplement school courses for farm boys. Farmer's Mag. 42(8): 11, 30, 32. Aug. 1945. 7 C165
- 19619 LUTES, M. Blue Cross Hospitalization Plan makes headway in Maritimes. Family Herald and Weekly Star 76(35): 28, 33. Aug. 29, 1945. 7 F21  
Hospitalization service for farm people.
- 19620 MCALLISTER, J. E., and MCALLISTER, D. M. Adult education for Negroes in rural areas: the work of the Jeanes teachers and home and farm demonstration agents. J. Negro Ed. 14: 331-340. Summer 1945. 275.8 J827
- 19621 \*MALEZIEUX, R. Les exonérations de cotisation en matière d'allocations familiales. Rev. des Agr. de France 75: 71. May 1943. 14 R325
- 19622 MANGUS, A. R. Rural children and youth in Ohio. Ohio. State U. Dept. Rural Econ. Mimeog. B. 185, 57 p., processed. Columbus, 1945. 281.9 Oh32  
Includes migration, education, and vital statistics of rural youth.
- 19623 MAULDIN, H. E., JR. Vocational education. Rural Life [Jackson] 1(2/3): 43-48. Oct. 1944/Jan. 1945. 281.28 R883  
Vocational agriculture included.
- 19624 MEJIA ROBLEDO, A. Verdadero significado de las exposiciones. Agr. Trop. 1(3): 48. Apr. 1945. 26 Ag8
- 19625 \*MEYER IN DER STROTH. Bauernführer und politiker. Landesbauernschaft Moselland. Wchnbl., No. 29/30, p. 392. July 24, 1943. 18 L2328
- 19626 \*MEYER IN DER STROTH. Richter und bauer. Landesbauernschaft Moselland. Wchnbl., No. 24, p. 348. June 12, 1943. 18 L2328
- 19627 MILHAN, M. Extension expands the boundaries. Ext. Serv. Rev. 16: 121. Aug. 1945. 1 Ex892Ex  
County agents' service in Rensselaer County, N. Y.
- 19628 NATIONAL FARM RADIO FORUM. Report for year ending April 30, 1945. various paging, processed. n. p., 1945. 281.9 N216R  
Canada.
- 19629 PARSONS, A. Urrbras Agricultural High School. So. Austral. Dept. Agr. J. 48: 472-473. June 1945. 23 So84
- 19630 PERKINS, MRS. R. Mississippi Home Demonstration Council. Rural Life [Jackson], 1(2/3): 35-37. Oct. 1944/Jan. 1945. 281.28 R883
- 19631 PRESCOTT, E. G. N. B. rural communities benefit by films [Canada]. Family Herald and Weekly Star 76(33): 31. Aug. 15, 1945. 7 F21
- 19632 PROCTOR, A. E. An urgent requirement — preventive dental service. Manitoba Co-op. 3(1): 6. Aug. 1, 1945. 280.28 M31  
Ninth of a series.
- 19633 PULVER, R. F. Unite 50 farm groups in educational program. Elect. World 124(7): 144, 146. Aug. 18, 1945. 335.8 E12
- 19634 RANDOLPH, H. S. The church in the rural life movement. Mountain Life & Work 21(1): 6-10. July 1945. 281.28 M86
- 19635 REYNOLDS, L. W. Extension's responsibilities to farm people in post-war adjustment. (Abs.) Assoc. Land-Grant Col. and U. Proc. (1944) 58: 164-165. 4 As7
- 19636 RIVIÈRE, C. M. Amargas y crudas verdades que hay que decirles. Diario Rural 4(477): 4. May 12, 1945. 9.9 D54  
Need for rural health service in Uruguay.



19637 RIVIERE, C. M. Hay que practicar lo que se preconiza. *Diario Rural* 4(479): 12. May 19, 1945. 9.9 D54

Need for improving the health and social condition of the Uruguayan farmer.

19638 ROSS, F. B. What about our rural schools? *Kans. State Bd. Agr. Rpt.* 64(266): 78-89. Apr. 1945. 2 K13Re

19639 RUNNELLS, D. Dynamic kernels. *Farm J.* 69(9): 18. Sept. 1945. 6 F2212

P. Hayden's tithing program for the Little Friends Church, Tecumseh, Mich.

19640 RYAN, H. J. Duties of county agricultural commissioner. *Calif. Citrogr.* 30: 326-327. Aug. 1945. 80 C125

19641 S., W. F. Planning and measuring, are you? *Agr. Ed. Mag.* 18: 36. Sept. 1943. 275.8 Ag8

The University of Illinois project on program planning in vocational agriculture.

19642 SALES, A. Cultura e economia rural. *Brazil. Min. do Trab. e Indús. e Com. B.* 11(126): 183-198. Feb. 1945. 255.3 B737A

The importance of education to agriculture.

19643 SAMUEL, L. I. Photography, a supervisory aid in vocational agriculture. *Agr. Ed. Mag.* 18: 37. Sept. 1945. 275.8 Ag8

19644 SAPRIZA VERA, C. La enseñanza agrícola en la escuela rural. *Asoc. Rural del Uruguay. Rev.* 72(5): 37-45. May 1945. 9.9 As5

19645 \*SASTHAGEER, G. Rural sanitation. *Madras Agr. J.* 30: 87-89. Mar. 1942. 22 M262

Methods for improving rural health in India.

19646 SCHLUP, L. A. The framework of public policy and its impact on extension information. (Abs.) *Assoc. Land-Grant Col. and U. Proc.* (1944) 58: 142-146. 4 As7

19647 SEMPLE, J. V. Rural education. *Saskatchewan Farmer* 36(15, Mag. Sect.): 4. Aug. 1, 1945. 7 Sa74

19648 SIM, R. A. People and Government. *Macdonald Col. J.* 5(12): 26-27. Aug. 1945. 101 M144

Adult education.

19649 SMITH, A. W. Problems and policies ahead for the graduate schools in land-grant colleges. *Assoc. Land-Grant Col. and U. Proc.* (1944) 58: 65-72. 4 As7

19650 SMITH, Z. M. Rural education opportunities. *Hoosier Farmer* 30(8): 5, 18-20. Aug. 1945. 280.82 H76

Includes vocational agriculture in the schools of Indiana.

19651 SOTO VALENCIA, C. Nuevos horizontes agrícolas para la mujer. *Agr. Trop.* 1(5): 58-59. June 1945. 26 Ag8

19652 \*STADELMANN, A. Erziehung ist vorbild; der lehrherr als werber für den landwirtschaftlichen nachwuchs. *Landesbauernschaft Moselland. Wchnbl.*, No. 43, p. 546. Oct. 23, 1943. 18 L2328

19653 \*STADELMANN, A. Mehr wissen gibt höhere berufsfreude; berufserziehung im kampf gegen landkräftemangel. *Landesbauernschaft Moselland. Wchnbl.*, No. 39, p. 500. Sept. 25, 1943. 18 L2328

19654 \*STADELMANN, A. Warum lehrherr werden? *Landesbauernschaft Moselland. Wchnbl.*, No. 38, p. 486. Sept. 18, 1943. 18 L2328

19655 STEELE, C. F. Parks for rural people [Alberta]. *Family Herald and Weekly Star* 76(32): 5. Aug. 8, 1945. 7 F21

19656 \*STROBEL, F. G. Der weg zurück zur scholle; landwirtschaftliche schulungslehrgänge für kriegsbeschädigte soldaten. *Landesbauernschaft Moselland. Wchnbl.*, No. 32, p. 334. Aug. 5, 1944. 18 L2328

19657 SYMONDS, W. M. C. The culture of a person. *So. Austral. Dept. Agr. J.* 48: 483-486. June 1945. 23 So84

Rural education.

19658 TIGERT, J. J. The general college in a land-grant institution. *Assoc. Land-Grant Col. and U. Proc.* (1944) 58: 102-109. 4 As7

19659 TURPIN, H. W. Getting ready for that new start. *Farmer [Pietermaritzburg]* 34(25): 6. June 22, 1945. 24 F227

Agricultural training for ex-servicemen.

19660 VANDIVER, J. S. The public school system a rural life agency in Mississippi. *Rural Life [Jackson]* 1(2/3): 10-20. Oct. 1944/Jan. 1945. 281.28 R883

19661 WALTERS, T. G. Training returning veterans in agriculture. *Agr. Ed. Mag.* 18: 32. Sept. 1945. 875.8 Ag8

19662 WING, D. C. A farm boy trains for farming. *Md. Farmer* 29(8): 9. Aug. 1945. 6 M362

19663 WOODWARD, H. R. Farm youngsters should plan to stay on the farm. *N. and S. Dak. Hort.* 18: 120, 125. Aug. 1945. 81 N817

19664 WRAGG, G. Public libraries are essential to a democracy; there must be more and better libraries if rural life is to keep step with urban development; the county library is the right idea. *Farmer's Advocate and Home Mag.* 80: 596. Aug. 23, 1945. 7 F22

19665 WYKER, J. D. The church and rural agencies. *Mountain Life & Work* 21(1): 29. July 1945. 281.28 M86

19666 \*ZHENSCHINA - velikaya sila v sovkhkhzhkh [Woman - a great force on the State Farms]. *Sovkhkh. Proizvod.* 5(3): 6-9. Mar. 1945. 20 So85

19667 ZUCKER, I. How to plan and stage a harvest show. *Gardengram*, Aug. 1945, p. 5-8. 80 G1696

#### Rural Organizations and Movements

19668 ABRAHAMSEN, M. A. Farmers regional purchasing cooperatives look to research. *J. Farm Econ.* 27: 694-700. Aug. 1945. 280.8 J822

19669 BOTTS, R. R. The Victory Farm Volunteer and Farm Cadet Victory Corps; a resume of the experience of twenty-one reporting companies offering the coverage in 1944. *J. Amer. Ins.* 22(7): 18-19, 24. July 1945. 284.68 J822

19670 CANADA. DEPT. OF AGRICULTURE. MARKETING SERVICE. ECONOMICS DIVISION. Directory of co-operative associations in Canada 1945. *Canada. Dept. Agr. Farmers' B.* 129, 79 p. Ottawa, 1945. (P. 772) 7 C16F

19671 CARRÉRE SAPRIZA, J. La organización del ruralismo y agremiación [Uruguay]. *Diario Rural* 4(470): 13. Apr. 18, 1945. 9.9 D54

19672 CLARK, L. Yugoslav co-ops come to life. *News for Farmer Coops.* 12(5): 4. Aug. 1945. 166.2 N47

19673 COOPER, O. The Farm Bureau. *Rural Life [Jackson]* 1(2/3): 102-105. Oct. 1944/Jan. 1945. 281.28 R883

19674 DE BELLEFEUILLE, R. L'association professionnelle dans l'après-guerre [Canada]. *Terre de Chez Nous* 17(41, 1. e. 42): 13. July 25, 1945. 7 T27

19675 DOUCET, MME. H. Pourquoi les fermières doivent aussi recourir à l'association. *Terre de Chez Nous* 17(42, 1. e. 43): 10, 15. Aug. 1, 1945. 7 T27

19676 EMANUEL, V. Memorandum on farmer cooperatives. *Mulaid News* 23(4): 4-7, 22-23. July 1945. 47.8 N917

19677 FARMERS UNION JOBBING ASSOCIATION. Annual report... for the year 1944. 35 p. *Kansas City, Mo.*, 1945. 280.2599 F22

19678 FREITAS, H. DE. Organização das classes rurais. *Campo [Rio de Janeiro]* 16(186): 42. June 1945. 9.2 C15

19679 GUNTER, E. P. Farm leaders in the making. *Marit. Farmer and Co-op. Dairyman* 50(22): 32. Aug. 21, 1945. 7 G77

The Junior Farm Club.



19680 LAWRENCE, J. D. Do your employees help or hold back? News for Farmer Coops. 12(5): 9, 12. Aug. 1945. 166.2 N47

Employee training in agricultural cooperatives.

19681 LOCKLEY, R. M. Neighbour help. Countryman 31: 228-229. Summer 1945. 281.28 C832

Labor and machinery pooling in Wales.

19682 \*LUDWIG. Das landwirtschaftliche genossenschaftswesen in Luxemburg. Landesbauernschaft Moselland. Wchnbl., No. 14, p. 223. Apr. 2, 1943. 18 L2328

19683 MCNEIL, C. Growth of Mississippi Federated Cooperatives. Rural Life [Jackson] 1(2/3): 38-42. Oct. 1944/Jan. 1945. 281.28 R883

19684 MENEZES, R. B. DE. A influencia do cooperativismo no desenvolvimento da economia do Estado. Ceará, Brazil. Dept. Estad. de Coop. Cooperação 6(31): 25-28. Jan. 1945. 280.28 C781

Includes agricultural cooperation.

19685 \*METHLING, R. Soziale arbeit an der gesellschaft. Landesbauernschaft Moselland. Wchnbl., No. 12, p. 324. May 29, 1943. 18 L2328

19686 MILLER, R. W. [American] Institute of Cooperation promotes better understanding. News for Farmer Coops. 12(5): 1, 14. Aug. 1945. 166.2 N47

19687 \*MUNDE. Arbeitersparnis durch hofpatenschaft. Landesbauernschaft Moselland. Wchnbl., No. 12, p. 324. May 29, 1943. 18 L2328

19688 NEWMAN, E. Competing with the co-op down the street. Farm Impl. News 66(16): 56, 58, 60, 62. Aug. 2, 1945. 58.8 F22

19689 ORCASBERRO, J. V. Cooperativismo. Diario Rural 4(368): 16. Apr. 12, 1944. 9.9 D54

Chiefly on agricultural cooperation in Denmark.

19690 PINSENT, A. Adolescent interests. Young Farmer 13: 65-67. July/Aug. 1945. 10 Y8

Need for studying interests as a basis for Young Farmers' Clubs programs in Great Britain.

19691 RIVIÈRE, C. M. Por la solidaridad rural [Uruguay]. Diario Rural 4(700): 12. June 28, 1944. 9.9 D54

19692 RIVIÈRE, C. M. Se impone activar el movimiento de muestra unión [Federación Rural]. Diario Rural 4(474): 5. May 2, 1945. 9.9 D54

Uruguay.

19693 SALOMAN, MRS. C. F. Allen Co. Farm Bureau grows. Hoosier Farmer 30(8): 13, 17, 20-21, 27, 29. Aug. 1945. 280.82 H76

19694 SIENRRA, C. Ratificación de principios y obra. Coopercerril 20(241): 28-29. July 1945. 280.28 C7862

Argentine agricultural cooperation.

19695 SMITH, R. The Central Farmers Exchange. Rural Life [Jackson] 1(2/3): 107. Oct. 1944/Jan. 1945. 281.28 R883

19696 SOCIEDAD NACIONAL DE AGRICULTURA. La Sociedad Nacional de Agricultura reitera el grave alcance de la proyectada sindicalización campesina. Campesino [Santiago] 76: 257, 259-260. May 1945. 9.3 Sol2

19697 STANTON, B. E. Cooperation ... and lots of it. News for Farmer Coops. 12(5): 5, 8. Aug. 1945. 166.2 N47

The Howard County Farmers' Cooperative, Inc., Ellicott City, Md.

19698 STERN, J. K. An inventory of farmer cooperatives in Pennsylvania. Pa. Grange News 42(5): 1, 2. Aug. 1945. 6 F38

19699 STOKDYK, E. A. Building the financial frame. News for Farmer Coops. 12(5): 6, 8. Aug. 1945. 166.2 N47

19700 WOOD, A. M. The light vision: a great powerful united body of farmers; the future lies in combination. Farmer [Pietermaritzburg] 34(22): 8. (24): 8. June 1, 15, 1945. 24 F227

19701 WOOD, S. Farmers organizations in New Brunswick; many different groups do valuable work for agricultural advancement. Marit. Farmer and Co-op. Dairyman 50(23): 2, 18-19, 21. Sept. 4, 1945. 7 C77

19702 WORTHINGTON, J. Leaders before lecturers; J. Worthington on the special problems of urban Young Farmers' Clubs. Farmers Weekly [London] 23(6): 31. Aug. 10, 1945. 10 F2226

#### RURAL SOCIAL PSYCHOLOGY

19703 DEARNESS, J. Standard time needed. Farmer's Advocate and Home Mag. 80: 554. Aug. 9, 1945. 7 F22

Farmers' attitude toward daylight saving time in Canada.

#### TRADE, FOREIGN AND INTERNATIONAL

19704 ALTAMIRANO, S. E. El comercio y la industria en la Argentina. Mex. Sec. de Relac. Exteriores. Rev. del Com. Exterior 10(3): 4-7; (4): 2-5. Mar.-Apr. 1945. 286.8 M575

19705 ANDRADE, T. DE. A Rússia como mercado consumidor de café. DNC; Rev. do Dept. Nac. do Café [Rio de Janeiro] 24: 625-626. May 1945. 286.83 D44

19706 ARGENTINA. CONSEJO NACIONAL DE ESTADÍSTICA Y CENSOS. DIRECCIÓN GENERAL DE ESTADÍSTICA Y CENSOS. El comercio exterior argentino en 1944 y su comparación con el de 1943. 79 p. Buenos Aires, 1945. (Inform., No. 100, Ser. C, No. 73, Com. Exterior) 255.1 Es82A

Figures for agricultural products included.

19707 ARIÈS, P., and CADILLAT, R. Le commerce de la banane dans le monde, en France et dans les colonies françaises. Inst. des Fruits et Agrumes Colon. Sér. Econ., No. 2, 56 p. Paris, 1944. 286.3939 P21

19708 B., J. P. Importación y exportación de fruta de EE. UU. Agrario 9(360): 3. Apr. 30, 1945. 9.3 Ag85

19709 \*BALDRATI, I. L'economia italiana e i prodotti agricoli tropicali e subtropicali. Agr. Colon. 35: 283-288. July 1941. 26 Ag82

Possibilities of Italy's obtaining agricultural products from her colonies.

19710 \*BANDINI, M. L'economia italiana e i prodotti agricoli tropicali e sub-tropicali. Agr. Colon. 34: 451-459. Nov. 1940. 26 Ag82

Supplying of agricultural products to Italy by her colonies.

19711 BARRY, S. G. Canada will ship 90 million dozen eggs to Britain in 1945. Farmer's Advocate and Home Mag. 80: 555, 577. Aug. 9, 1945. 7 F22

19712 FRASER, S. Barriers to exports; a discussion of some of the post-war problems facing U. S. East. Fruit Grower 8(6): 10, 19, 20, 21. Aug. 1945. 80 Ea73

19713 HAND, C. Post-war markets. Tasmanian Fruitgrower & Farmer 21, i. e. 30(264): 11. June 20, 1945. 23 T185

Export markets for Australian-produced food.

19714 \*HENNIG, W. Die entwicklung des knochenhandels. Rohproduktengewerbe der Alt- u. Abfallstoff 8: 61-63. Feb. 28, 1942. 309.8 R63

19715 LEWINSOHN, R. O mercado britânico de café. DNC; Rev. do Dept. Nac. do Café [Rio de Janeiro] 24: 640-644. May 1945. 286.83 D44

19716 LEWINSOHN, R. O mercado europeu de café. DNC; Rev. do Dept. Nac. do Café [Rio de Janeiro] 24: 316-320. Mar. 1945. 286.83 D44

19717 M., R. Nos oeufs en Angleterre. Terre de Chez Nous 17(42, i. e. 43): 4. Aug. 1, 1945. 7 T27

Trade prospects for Canadian eggs in England.



19718 MCCALLUM, MRS. A. E. The consumer view: importation of milk: a waste of money. Farmer [Pietermaritzburg] 34(27): 1. July 6, 1945. 24 p227

19719 MELLO, J. C. A exportação cafeeira em 1944. São Paulo (State). Supt. dos Serv. do Café. B. 20(217): 275-280. Mar. 1945. 68.29 Sa63

19720 MOHAMMED, M. E. The structure and function of agricultural export trade in the Egyptian economy. (Sum.) J. Farm Econ. 27: 700-701. Aug. 1945. 280.8 J822

19721 MOZAMBIQUE. REPARTIÇÃO TÉCNICA DE ESTATÍSTICA. Estatística do comércio externo e da navegação, ano de 1944. 243 p. Lourenço Marques, 1945. 270 M872

Includes trade in agricultural products.

19722 NEAL, A. L. Canada's trade ties with Latin America. Canad. Geog. J. 31: 79-95. Aug. 1945. 470 C162

Agricultural products included.

19723 NEWMAN, G. A. Trade of British Guiana in 1943. II. Trade with Canada. Canada. Dept. Trade and Com. Com. Intel. J. 73: 99-104. Aug. 4, 1945. 286.8 C16

Includes agricultural products.

19724 ORANDO, N. Colombia y el comercio latinoamericano con Norteamérica. Agr. Trop. 1(3): 51-54. Apr. 1945. 26 Ag8

Trade in agricultural products.

19725 ROBICHAUD, J. A. Suggestions aux cultivateurs. Terre de Chez-Nous 17(43, 1. e. 44): 19. Aug. 8, 1945. 7 T27

Export of Canadian meat.

19726 \*SJÖGREN, E. Utrikeshandeln med jordbruksprodukter och förnödenheter. Lantmannen 29: 521-522. June 9, 1945. 11 L234

Prospects for the export and import of agricultural products in Sweden.

19727 TERESHTENKO, V. J., and TIMOSHENKO, V. P. American-Soviet trade relations: past and future... Economic background for the post-war international trade of the USSR. Russian Econ. Inst., Pam. Ser. 5, 26 p. N. Y., 1945. 286 T27

19728 ULATE, O. Abrense enormes perspectivas para Costa Rica en Inglaterra. Inst. de Defensa del Café de Costa Rica. Rev. 15: 197-201. Apr./May 1945. 68.28 C82

Prospects for the coffee trade.

19729 WALLICH, H. C. Latin American exchange and trade prospects. Latin Amer. Econ. Inst., Pam. Ser. 13, 22 p. N. Y., 1945. 286 W152

19730 WESTLING, L. L. New food ships to aid development of foreign markets. Food Indus. 17: 906-908, 1000, 1002, 1004, 1006. Aug. 1945. 389.8 F737

19735 BROTHERTON, M. K. What factors make Hereford the town without a toothache? Nutritional research foundation is being formed to find the answer. West Tex. Today 26(5): 6, 21. July 1945. 286.8 W522

19736 BROWN, M. J. Good eating. Colo. State Col. Agr. Ext. Colo. Ext. Rec. 15(11): 3. Aug. 20, 1945. 275.29 C71Ex

19737 CASTRO, J. DE. Arses alimentares do Brasil. Amer. Indígena 5: 191-205. July 1945. 446.9 In8A

19738 COUTINHO, R. Alimentação no Brasil. Observador Econ. e Financ. 10(110): 113-115. Mar. 1945. 280.8 Ob72

19739 DECKER, J. S. Valor alimenticio y dietético del aguacate. Dominican Repub. Sec. de Estado de Agr., Indus. y Trab. Rev. de Agr. 25: 69-70. May/June 1944. 8 R323

19740 DUNNIGAN, J. H. School food service instruction for home economics teachers. What's New in Home Econ. 9(10): 59, 63-64. June 1945. 321.8 W55

19741 EBERT, M. H. Nuestra agricultura y la alimentación nacional. Campesino [Santiago] 76:341-343. June 1945. 9.3 Sol2

19742 FLOWERS, J. School lunches. Your Farm 3(11): 23-24. Sept. 1945. 6 Y8

19743 FUENTE, J. DE LA. Sobre nutrición y enfermedades de Indios. Amer. Indígena 5: 235-239. July 1945. 446.9 In8A Mexico.

19744 HARRIS, J. W. Rich men, poor men: it is within the power of every farm family to become rich in the health and energy that come from good eating. South. Agr. 75(9): 35. Sept. 1945. 6 So83

19745 JOHNSON, R. E., and others. Comparative merits of fasting specimens, random specimens and oral loading tests in field nutritional surveys. J. Nutr. 30: 89-98. Aug. 1945. 389.8 J82

C. Henderson, P. F. Robinson, and F. C. Consolazio, joint authors.

19746 KLINGE, G. El problema de la alimentación nacional. Vida Agr. 22: 403-411, 413, 415. May 1, 1945. 9.8 V66 Peru.

19747 MCCULLOCH, W. E. A tropical dietary. Brit. Med. J., No. 4412, p. 127. July 28, 1945. 448.8 B77

19748 MICHENER, C. K. Nutrition program for use in schools is project of GMI. Northwest. Miller 223(10): 10-11. Sept. 5, 1945. 298.8 N81

19749 PALACIOS, L. M. Encuesta sobre presupuestos familiares obreros realizada en la ciudad de Lima, en 1940. U. Nac. Mayor de San Marcos. Facul. de Cien. Econ. Rev., No. 30, p.13-95. Aug. 1944. 280.8 R328

Nutrition problems, p.25-77.

19750 PECK, S. M., and CLARE, H. C. Dermatitis from dehydration of potatoes. Arch. Dermat. and Syph. 52(1): 9-10. July 1945. 448.8 Ar242

19751 POMIANE, E. DE. Cómo deben cocinarse los alimentos? Buenos Aires (Prov.). Dir. de Ganad. B. de Ganad. 1(8/9): 52-57. May/June 1945. 49 B86

19752 POTTER, C. F. The food "magic" of the ancients. J. Living 11(3): 45-48. Sept. 1945. 389.8 J822

19753 RANDALL, K. Healthy bodies mean healthy minds. Farmer-Stockman 58(9): 29. Sept. 1945. 6 Ok45

School lunches.

19754 ROBERTS, F. Eating away toothache. J. Living 11(3): 23-26. Sept. 1945. 389.8 J822

19755 ROSS, MRS. B. B. Why children need something hot at noon. Mass. State Col. Ext. Program Hints, Sept. 1, 1945, p. 9, processed. 275.29 M381F

## FOOD AND HUMAN NUTRITION

### GENERAL

19731 BABCOCK, H. E. We must feed our people better. Country Gent. 115(9): 11, 94-97. Sept. 1945. 6 C833

Need for raising human nutrition standards.

19732 BAIRD, K. A. Allergy to chemicals in flour: a case of dermatitis due to benzoic acid. J. Allergy 16: 195-198. July 1945. 448.8 J8236

19733 BRANSEY, E. R. The value of standard curves of height and weight development for the assessment of health or nutritional status. Med. Off. 74: 29-30. (To be cont.) July 28, 1945. 448.8 M462

19734 BRINDZE, R. Where life begins at 65. J. Living 11(3): 3-7. Sept. 1945. 389.8 J822



- 19756 SEEN, M. J. E., and NEWILL, P. K. School lunches to grow on. *J. Living* 11(3): 31-35. Sept. 1945. 389.8 J822
- 19757 SILVA, L. B. DA. Educação alimentar. Brazil. Min. do Trab., Indus. e Com. B. 11(125): 189-208. 1945. 255.3 B737A
- 19758 VANDERLINDEN, L. Complete food analysis. *New Agr.* 27(11): 10. Aug. 1945. 66.8 Su32

## FOOD HABITS

- 19759 CARLSON, A. J. Look to cow for tip on eating. *Certified Milk* 20(232): 3. Aug. 1945. 44.8 C33
- Food habits.
- 19760 YOUNG, P. T., and CHAPLIN, J. P. Studies of food preference, appetite and dietary habit. III. Palatability and appetite in relation to bodily need. *Compar. Psychol. Monog.* 18(3): 1-45. Jan. 1945. 389 Y8

## NUTRITIVE AND VITAMIN CONTENT

- 19761 \*BAGLIONI, S. Potere nutritivo e proprietà fisiologiche dell'olio di oliva. *Conv. Naz. di Olivicoltura, Bari, 1938. Atti* 2: 272-278. Roma, 1940. 94.72 C7682
- 19762 \*BALASUBRAMANIAN, C. The influence of the quality of irrigation water (channel water vs. effluent) and method of preparation of rice flour on its nutritive value. *Madras Agr. J.* 33: 35-41. Mar./Apr. 1945. 22 M262
- 19763 BLOCK, R. J., and BOLLING, D. The amino acids yielded by various yeasts after hydrolysis of the fat-free material: a comparative investigation. *Arch. Biochem.* 7: 313-321. July 1945. 381 Ar2
- 19764 BOOTH, V. H. Simplified procedure for estimation of total carotenoids in carrots. *Soc. Chem. Indus. J.* 64: 194-196. July 1945. 382 M31
- 19765 BURKHOLDER, P. R., McVEIGH, I., and WILSON, K. Studies on vitamin "Bc" produced by microorganisms. *Arch. Biochem.* 7: 287-303. July 1945. 381 Ar2
- 19766 \*CHARAVANAPAVAN, C. Studies in manioc and lima-beans with special reference to their utilization as harmless food. *Trop. Agr. [Ceylon]* 100: 164-168. July/Sept. 1944. 26 T751
- 19767 \*CHEN, C. Y. The nutritive value of silk worm [Bombyx mori] pupa protein concentrates. (In Chinese.) *Hsin Nung Lin (Mod. Agr. and Forestry)* 3(1): 5-8. Sept. 1944. 22.5 H85
- English summary.
- 19768 FISHBEIN, M. Honey for health. *Beekeepers Item* 29: 267. Aug. 1945. 424.8 B397
- 19769 FOOD IN today's world. What's New in Home Econ. 9(10): 42-53. June 1945. 321.8 W55
- Nutritive value.
- 19770 GOODNIGHT, F. Let melons guard your waistline. *J. Living* 11(3): 9-11. Sept. 1945. 389.8 J822
- 19771 GOTTLIEB, B. High-colour-index anaemia due to vitamin C deficiency. *Brit. Med. J.*, No. 4412, p. 119-120. July 28, 1945. 448.8 B77
- 19772 HALL, M. D. Promising future for vitamin-A oil. *Dom. Com.* 33(8): 30-31. Aug. 1945. 157.54 D713
- Cod liver oil.
- 19773 HARMON, E. M. Research points to greater milk fat values. *Milk Dealer* 34(11): 86-87. Aug. 1945. 44.8 M595
- 19774 HAYDAK, M. H., and TANQUARY, M. C. Dark versus light honey. *Beekeepers Item* 29: 260-261. Aug. 1945. 424.8 B397
- Nutritive value.
- 19775 \*IL'INA, E. A. Usvoenie karotina iz belkovogo koagulata zelenykh chastei rasteniy (Absorption of carotene from the protein coagulate to green leaves). *Biokhimiya* 8: 118-123. 1943. 385 B523
- English summary.
- 19776 \*IZMAILOV, N. A. Opreделение temperaturnykh koefitsientov razrusheniya vitamina C v zhidkikh preparatakh, kak metod ofsenki ikh ustoiichivosti pri khraneni [Temperature coefficients of vitamin C destruction]. *Biokhimiya* 10: 189-198. 1945. 385 B523
- English summary.
- 19777 \*JOHN, C. M. Groundnut as human food. *Madras Agr. J.* 30: 335-343. Oct. 1942. 22 M262
- 19778 KAHN, F. When to use tea or coffee. *J. Living* 11(3): 13-15. Sept. 1945. 389.8 J822
- 19779 KASCHER, H. M., and BAXTER, J. G. State of vitamin A in fish liver oils. *Indus. and Engin. Chem., Analyt. Ed.* 17: 499-503. Aug. 1945. 381 J825A
- 19780 KIK, M. C. Mejoramiento de la calidad nutritiva del arroz. *Paraguay. Min. de Agr. Rev.*, No. 9, p. 11-14. May 1945. 9.7 Ag8Re
- 19781 \*KOTHAVALLA, Z. R., and GILL, H. S. Studies on the effect of various factors on the vitamin C content of the milk of cows and buffaloes. *Indian J. Vet. Sci. and Anim. Husb.* 13: 35-43. Mar. 1943. 41.8 In22
- 19782 KRUIF, P. DE. How we can help feed Europe's hungry. *Reader's Digest* 47(281): 50-52. Sept. 1945. 110 R22
- Nutritive value of soybean.
- 19783 LAMPITT, L. H., BAKER, L. C., and PARKINSON, T. L. Vitamin-C content of vegetables. *Soc. Chem. Indus. J.* 64: 200-203. July 1945. 382 M31
- Part II. Effect of storage on raw vegetables. Part III. Average figures for raw vegetables.
- 19784 LANGWILL, K. E., KING, C. C., and MACLEOD, G. Effects of food intake and anoxia upon ascorbic acid excretion, acidity of urine, and survival of male albino rats. *J. Nutr.* 30: 99-109. Aug. 1945. 389.8 J82
- 19785 LESSER, M. A. Amino acids. *Drug and Cosmetic Indus.* 57: 184-185, 264-269. Aug. 1945. 396.8 D842
- 19786 \*LUCCHETTI, E. Valore alimentare i igienico delle olive. *Olivicoltura* 20, 1. s. 19(12): 191-195. Dec. 1942. 80 O14
- 19787 \*MAJUMDAR, B. N. The vitamin A content of cow's butter and ghee and of buffalo ghee. *Indian J. Vet. Sci. and Anim. Husb.* 11: 329-333. Dec. 1941. 41.8 In22
- 19788 MELNICK, D., HOCHBERG, M., and OSER, B. L. Physiological availability of the vitamins. *J. Nutr.* 30: 67-79, 81-88. Aug. 1945. 389.8 J82
- I. The human bioassay technic. II. The effect of dietary thiaminase in fish products.
- 19789 \*MOREL, M., and BARATTE, J. Teneur du lait de la vache en vitamine P. P. *Inst. Pasteur [Paris]. Ann.* 68: 538-539. Nov./Dec. 1942. 448.3 An75
- 19790 NORRIS, F. W. Nicotinic acid in the materials and process of brewing. *Inst. Brewing J.* 51: 177-184. July/Aug. 1945. 390.9 In7
- 19791 ROBINSON, F. A. "F" food. *Food Manufacture* 20: 294-298. Aug. 1945. 389.8 F736
- Use of hydrolysates of protein in relieving cases of starvation.
- 19792 RORTY, J., and NORMAN, N. P. Sugar shortage called war's best health gift to U.S. *Midland Coop.* 13(1): 5. Aug. 15, 1945. 280.28 M58
- 19793 SAHYUN, M. Amino acids and malnutrition. Part II. *Amer. Drug.* 112(2): 66-67, 96, 98, 100. Aug. 1945. 396.8 Am32



19794 \*SEHUK, A. A., and IL'IN, G. S. Poluchenie konfentratov vitamina B<sub>1</sub> metodom elektrodializa (Preparation of vitamin B<sub>1</sub> concentrates from yeast by electrodialysis). Biokhimiia 10: 155-158. 1945. 385 B523

English summary.

19795 \*SYNGE, R. L. M. Belki i evoliutsionnaia teoriia [Proteins and evolutionary theory]. Biokhimiia 10: 179-188. 1945. 385 B523

English summary.

19796 VAVICH, M. G., STERN, R. M., and GUERRANT, N. B. Nutritive value of canned foods: determination of ascorbic acid of fresh green peas. Indus. and Engin. Chem., Analyt. Ed. 17: 531. Aug. 1945. 381 J825A

19797 WESTERFELD, W. W., and DOISY, E. A., JR. Alcohol metabolism as related to the production of thiamine deficiency. J. Nutr. 30: 127-136. Aug. 1945. 389.8 J82

19798 WHITE, A. What about yoghurt? J. Living 11(3): 41-43. Sept. 1945. 389.8 J822

### MISCELLANEOUS

#### GENERAL

19799 ADAIR, W. Towards import boards; Lord Addison as key minister. Farming News and North Brit. Agr. 97(33): 3. Aug. 10, 1945. 10 N82  
Agricultural appointments under the new British Government.

19800 ALBEE, G. The longest war of all; farmers have battled crop enemies for centuries. How chemistry helps increase our food supply. Du Pont Mag. 39(3): 2-5, 24. Aug. 1945. 309.8 D92  
Fertilizers, seeds, fungicides, insecticides, and weed-killing compounds provided by modern industrial chemistry.

19801 \*ANANDAN, M. Fish rearing in paddy fields on the Agricultural Research Station, Aduturai, Tanjore District. Madras Agr. J. 31: 339-342. Dec. 1943. 22 M262

19802 BLACKMON, MRS. A. A. 'Every farm should have fish pond.' Mid-South Cotton News 23(9): 6. Aug. 1945. 72.8 C8295

19803 CARVALHO, J. B. DE M. Formação e seleção de técnicos para as indústrias de óleos e têxteis. Brazil. Min. do Trab., Indus. e Com. B. 11(123): 159-175; (124): 167-183; (125): 134-145. Nov. 1944-Jan. 1945. 255.3 B737A

Discusses the Brazilian Instituto de Óleos and Instituto de Têxteis.

19804 \*CHIAROMONTE, A. I tecnici agricoli specializzati per l'Africa Italiana. Avanguardia Rurale 11: 87-89. May/June 1940. 16 Av1

19805 GIRIACY-WANTRUP, S. VON. International cooperation in conservation policy. Giannini Found. [Contrib.] 112, 22 p. Berkeley, 1945. 281.9 G34

19806 CORLEY, S. State Department of Agriculture and Commerce. Rural Life [Jackson], 1(2/3): 88-89. Oct. 1944/Jan. 1945. 281.28 R883

19807 \*FILENI, E. Il tecnico agricolo funzionario statale. Avanguardia Rurale 11: 75-77. May/June 1940. 16 Av1

19808 \*GAETANI, L. I tecnici agricoli e la libera professione. Avanguardia Rurale 11: 140-144. Nov./Dec. 1940. 16 Av1

19809 GILHAM, C. E. America's number one problem; intelligent use of natural resources vital to Nation's future welfare. Ala. Conserv. 17(2): 5, 10. Aug. 1945. 279.8 AL1

19810 GLASER, O. Genes, viruses, and orderly aggregation; a reconnaissance. Amer. Scientist 33: 175-188. July 1945. 470 S12

Use of 14-hedra models of conventional crystals in the study of biological science.

19811 GRIES, G. A., HORSFALL, J. C., and TURNER, N. Polymodal response curves in biological research. (Abs.) Phytopathology 35: 654-655. Aug. 1945. 464.8 P56

19812 HUBBARD, W. W. First editor recalls history of The [Maritime] Farmer. Marit. Farmer and Co-op. Dairyman 50(22): 7, 59. Aug. 21, 1945. 7 G77

19813 IMPERIAL AGRICULTURAL BUREAUX. Fifteenth annual report of the Executive Council, 1943-1944. 24 p. London, H. M. Stationery Office, 1945. 10 Im72

Includes reports of the Imperial Institute of Entomology, Imperial Parasite Service, and the Imperial Mycological Institute.

19814 IMPERIAL COLLEGE OF TROPICAL AGRICULTURE, ST. AUGUSTINE, TRINIDAD. Report of the Governing Body and the Principal's report to December 31st, 1944, and the accounts for the year ended August 31st, 1944. 27 p. St. Augustine, Trinidad, 1945. 102 Sa2Pro

19815 INSTITUTO AGRARIO ARGENTINO. Reseña general, histórica, geográfica y económica del Partido de "General Pueyrredón" (Provincia de Buenos Aires). Inst. Agr. Argentino. Reseñas, v. 5, No. 31, 223 p. 1945. 281.9 B862

Partial contents: Estudio fisiográfico de las tierras del Partido, by A. V. Bergalli, p. 52-55; Estudio de la arena del Mar del Plata, by M. M. Muhlmann, p. 56-67; Agricultura, by J. M. Romano, p. 79-82, 84-85; Arboricultura, jardinería y huerta, by J. M. Romano, p. 86-89; Reseña sobre la vegetación del Partido de General Pueyrredón, by A. L. Cabrera, p. 90-95; Breves apuntes fisiográficos del Partido de General Pueyrredón, by H. Pitzer, p. 95-99; Estadística agraria del Partido de General Pueyrredón, by E. T. Largía, p. 100-106; El cultivo de papas en el Sudeste de la Provincia de Buenos Aires, by P. S. Issouribehere, p. 107-113.

19816 JONES, D. F. The importance of degenerative changes in living organisms. Science 102: 209. Aug. 24, 1945. 470 Sci2

Unfavorable mutations in plant and animals and resulting survival value.

19817 KALMBACH, E. R. "Ten-eighty," a war-produced rodenticide. Science 102: 232-233. Aug. 31, 1945. 470 Sci2

19818 LANCOM, F. H. Wild animals and agriculture. 5. The rat. Gt. Brit. Min. Agr. Agriculture 52: 228-231. Aug. 1945. 10 G79J  
Rats as pests.

19819 \*MAHESHWARI, P. Some recent discoveries in applied biology. Sci. and Culture 10: 532-535. June 1945. 475 Sci24

Research in plant breeding, new food sources, food dehydration, and animal breeding.

19820 MOTTRAM, W. R. The electron microscope. So. African Dairyman 7: 135, 148. July 1945. 44.8 So822

Importance of the microscope in the dairy industry, in animal breeding, and in entomology noted.

19821 PATTERSON, T. M. Organization and functions of AAA. Rural Life [Jackson], 1(2/3): 53-56. Oct. 1944/Jan. 1945. 281.28 R883

19822 \*PAVIOLO, I. I tecnici agricoli italiani all'estero. Avanguardia Rurale 11: 89-90. May/June 1940. 16 Av1

19823 SHAW, R. R. Continuous fotoprinting at the U. S. D. A. Library. Libr. J. 70: 738-741. Sept. 1, 1945. 243.8 L61

19824 \*SINDACATO NAZIONALE FASCISTA DEI TECNICI AGRICOLI. La direzione delle aziende agrarie, la preparazione dei dirigenti e la difesa dei titoli professionali. Avanguardia Rurale 11: 66-71. May/June 1940. 16 Av1

Includes an estimate of the number of professional agriculturists of different grades needed in Italy.



- 19825 \*SINDACATO NAZIONALE FASCISTA DEI TECNICI AGRICOLI. Proposte per la disciplina professionale dei tecnici agricoli e di categorie ad essi affini. *Avanguardia Rurale* 11: 71-75. May/June 1940. 16 Av1
- 19826 SPIVA, W. Mississippi Agricultural and Industrial Board; what it can mean to your town or county. *Rural Life* [Jackson], 1(2/3): 121-124. Oct. 1944/Jan. 1945. 281.28 R883
- 19827 TAYLOR, W. P. Wildlife and the farming industry. *Kans. State Bd. Agr. Rpt.* 64(266): 21-29. Apr. 1945. 2 K13Re
- 19828 VIANNA, H. *Jornal de agricultura*. Observador Econ. e Financ. 9(97): 51-55. Feb. 1944. 280.8 Ob72
- A survey of Brazilian agricultural periodicals issued from 1813 to 1836.
- 19829 \*VOLLERT, H. E. Zur feldmausbekämpfung. *Landesbauernschaft Moselland. Wehnlbl.*, No. 52, p. 699. Dec. 25, 1943. 18 L2328
- 19830 WELCH, C. L. Office of Distribution - War Food Administration. *Rural Life* [Jackson], 1(2/3): 94-98. Oct. 1944/Jan. 1945. 281.28 R883
- 19846 L., J. Ignacio Bolivar Urrutia (1850-1944). *Soc. Ent. Argentina. Rev.* 12: 336-338. Feb. 28, 1945. 420 Sol4
- 19847 \*LR. Der erste deutsche zuckerhut; zum 190. geburtstage Franz Karl Achards. *Landesbauernschaft Moselland. Wehnlbl.*, No. 18, p. 270. May 1, 1945. 18 L2328
- 19848 MACINDOE, S. L. Centenary of the birth of William Farrer, 1845-1906. *Austral. Inst. Agr. Sci. J.* 11: 72-73. June 1945. 23 Au74
- William James Farrer, pioneer wheat breeder.
- 19849 MACINDOE, S. L. Retirement of J. T. Pridham, H. D. A. *Austral. Inst. Agr. Sci. J.* 11: 74-75. June 1945. 23 Au74
- Mr. Pridham was a member of the New South Wales Dept. of Agriculture.
- 19850 \*MAUGINI, A. Iacopo Gasparini, governatore rurale. *Agr. Colon.* 37: 253-260. Nov./Dec. 1943. 26 Ag82
- Honorary governor of Eritrea.
- 19851 \*NOVI pochetni chlenove na družhestvoto na spetsialistite v zemedelskite opitni instituti v B'lgaria. New honorary members of the Society of Specialists in the agricultural institutes of Bulgaria. *Spis. Zeml. Izp. Inst. B'lgaria* 11: 67-70. July/Sept. 1941. 106.3 R32
- Biographical note of Fritz von Wettstein, including list of his publications.
- 19852 \*REICHERT, I. Sir Edwin John Butler [1874-1943]. *Palestine J. Bot., Rehovot Ser.* 4: 209-210. Sept. 1944. 450 P172
- 19853 SALTER, R. M. Mont Francis Morgan 1895-1945. *Soil Sci.* 59: 417-418. June 1945. 56.8 So3
- 19854 SCHMITZ, H. "To whom the Nation owes most." *J. Forestry* 43: 563-565. Aug. 1945. 99.8 F768
- A tribute to Gifford Pinchot.
- 19855 TAUNAY, A. DE E. Um grande fazendeiro paulista da era imperial. *DNC; Rev. do Dept. Nac. do Café* [Rio de Janeiro], 24: 171-180. Feb. 1945. 286.83 D44
- 19856 TURRILL, W. B. Prof. John Borg [1873-1945]. *Nature* [London], 156: 14. July 7, 1945. 472 N21
- 19857 VINOKUROV, K. Ivan Michurin, famous naturalist. *Agr. Com. Amer. - Soviet Friendship. Release* 12, 1 p., processed. Apr. 15, 1945. 20 Ag89
- 19858 WOODRUFF, L. L. Alexander Petrunkevitch, colleague and friend. *Conn. Acad. Arts and Sci. Trans.* 36: 7-8. July 1945. 500 C76T

## RESEARCH

- 19831 BLOOMER, W. L. Johnny Appleseed in fact, not fiction. *Amer. Nurseryman* 82(4): 5-8. Aug. 15, 1945. 80 Am371
- John Chapman, 1774-1845.
- 19832 CLEMENS, C. The school days of Harry S. Truman: typical American. *School and Soc.* 62: 130-131. Sept. 1, 1945. 275.8 Sch62
- 19833 DICUS, A. W. In memoriam: Dr. Dorr Raymond Bartoo. *Tenn. Acad. Sci. J.* 20: 239-241. July 1945. Ref. 500 T25A
- List of his publications.
- 19834 FITZPATRICK, H. M. Herbert Hice Whetzel. *Mycologia* 37: 393-413. July/Aug. 1945. 450 M99
- List of his mycological publications.
- 19835 GRAVES, H. S. Early days with Gifford Pinchot. *J. Forestry* 43: 550-553. Aug. 1945. 99.8 F768
- 19836 GREVE S., G. O'Higgins labrador. *Agrario* 7(310): 6. Feb. 25, 1943. 9.3 Ag85
- O'Higgins' ideas on Chilean agriculture.
- 19837 \*H. Första centralföreningen 50-årsjubilerar. *Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige och Gästrikland* 15(21): 1, 10. May 26, 1945. 11 J762
- History of the Skaraborg Province Agricultural Association during the last fifty years.
- 19838 HALL, W. L. Hail to the Chief. *J. Forestry* 43: 553-557. Aug. 1945. 99.8 F768
- Reminiscences of Gifford Pinchot.
- 19839 HANNA, W. F., LOWE, C. W., and STAKMAN, E. C. Arthur Henry Reginald Buller [1874-1944]. *Phytopathology* 35: 577-584. Aug. 1945. 464.8 P56
- List of his publications.
- 19840 HOSMER, R. S. Some recollections of Gifford Pinchot, 1898-1904. *J. Forestry* 43: 558-562. Aug. 1945. 99.8 F768
- 19841 HUTCHINSON, G. E. Alexander Petrunkevitch; an appreciation of his scientific works and a list of his published writings. *Conn. Acad. Arts and Sci. Trans.* 36: 9-24. July 1945. 500 C76T
- 19842 \*JOHANSSON, I. Nils Hansson. *K. Lantbruksakad. Tidskr.* 84: 81-86. 1945. 104 Sw3
- 19843 JORDAAN, J. J. Pluimvee mans en vrouwen soos ek hulle geken het; Philip Eduard Faure Jooste. *So. African Poultry, Pigeon and Bird Mag.* 51: 163. July 1945. 47.8 So83
- A biography of a poultryman.
- 19844 JORDAAN, J. J. Poultry men and women as I knew them; Phillip Tollman. *So. African Poultry, Pigeon and Bird Mag.* 51: 135. June 1945. 47.8 So83
- 19845 KELLER, B. A. Trofim Lysenko, Soviet agronomist. *Agr. Com. Amer. - Soviet Friendship. Release* 10, 4 p., processed. Apr. 15, 1945. 20 Ag89
- 19859 BAIRD, W. W. Experimental farm has many functions. *Marit. Farmer and Co-op. Dairyman* 50(22): 36-37. Aug. 21, 1945. 7 C77
- Nappen Experimental Farm.
- 19860 BIRDSALL, B. J. Memoria presentada por el Director de la Estación Experimental de Tingo Maria. *Peru. Dir. de Asuntos Orientales, Colon. y Terrenos de Oriente. Colon. y Foresta* 2(5/6): 11-59. 1945. 9.8 P435
- 19861 DORMAN, C. Mississippi Agricultural Experiment Station. *Rural Life* [Jackson], 1(2/3): 21-24. Oct. 1944/Jan. 1945. 281.28 R883
- 19862 DORMAN, C. A year of research in Mississippi farm problems; highlights of the work of the Mississippi Agricultural Experiment Station during the fiscal year ended June 30, 1945. *Miss. Farm Res. Miss. Sta.*, 8(7): 3-6. July 1945. 100 M69M1
- 19863 LIGHTFOOT, G. A review of the work of C. S. I. R. *Austral. Council Sci. and Indus. Res. J.* 18: 85-102. May 1945. 514 Au72J
- 19864 \*MAZHIDRAKOV, P. Za ustroistvoto na nasheto zemedelsko opitno d'elo. *Spis. Zeml. Izp. Inst. B'lgaria* 12: 171-178. July/Dec. 1942. 106.3 R32
- German summary, p. 179, with title: Über die Organisation des Landwirtschaftlichen Versuchswesens in Bulgarien.



## STATISTICS

- 19865 \*HYRENIUS, H. Den officiella jordbruksstatistiken och jordbrukets rationalisering. K. Lantbruksakad. Tidskr. 84: 87-105. 1945. 104 Sw3  
Agricultural statistics in Sweden.  
English summary, p. 103.
- 19866 KEYFITZ, N. The sampling approach to economic data. Canad. J. Econ. and Polit. Sci. 11: 467-477. Aug. 1945. 280.8 C162  
Touches upon use in agriculture.

## NEW PERIODICALS AND SERIALS

- 19867 ARCHIVOS DE FARMACIA Y BIOQUÍMICA DE TUCUMÁN. Vol. 1, No. 3, 1945. 255-361 p. Tucumán, Argentina, Facultad de Farmacia y Bioquímica, Universidad Nacional de Tucumán. 396.8 Ar24
- 19868 ASOCIACIÓN GENERAL DE AGRICULTORES. Boletín. Irregular. No. 2, Dec. 15, 1944. 4 p. Guatemala, 7 Avenida Sur. 8 As52
- 19869 CANADIAN CO-OPERATIVE WOOL GROWERS, LIMITED. Wool News. Monthly. Issue No. 1, May 15, 1945. 1 p., processed. Toronto, 217 Bay St. 280.2459 C16W
- 19870 CORN. Quarterly. Vol. 1, No. 1, Feb. 1945. 4 p. New York 17, Corn Industries Research Foundation, 5 East 45th St. 59.8 C81
- 19871 DUAL SHORTHORN. Monthly. Vol. 01, No. 2, May 1945. 12 p. Vernonia, Oreg., C. C. Guptill. 43.8 D85

19872 \*INDIAN GEOGRAPHICAL SOCIETY. Monograph. [No.] 1, 1945. 74 p. Madras. 330.9 In25

19873 \*INSTITUT DES FRUITS ET AGRUMES COLONIAUX. Série Technique. No. 1, 1945. 36 p. Paris-VII, 7, Rue Saint-Dominique. 389.9 P21

19874 KANSAS POULTRY NEWS AND RECORD SUMMARY. Monthly. Vol. 1, No. 7, July 1945. 8 p. Manhattan, Kansas Poultry Improvement Association, 310 A. Poyntz Ave. 47.8 K13

19875 POLYMER BULLETIN. Bimonthly. Vol. 1, No. 1, Apr. 1945. 23 p. New York 3, Interscience Pub., Inc., 215 Fourth Ave. 381 P76  
Published with the cooperation of the Bureau of High Polymer Research, Polytechnic Institute of Brooklyn, N. Y.

19876 REVISTA COLOMBIANA DE QUÍMICA. Quarterly. Vol. 1, No. 1, Dec. 1944. 53 p. Bogotá, Sociedad Colombiana de Químicos. 385 R325

19877 \*REVUE ROMANDE D'AGRICULTURE DE VITICULTURE ET D'ARBORICULTURE. No. 1, Jan. 1945. 8p. Lausanne, Union des Syndicats Agricoles Romands. 17 J82A

Supplement to the Journal d'Agriculture Suisse.

19878 WORLD'S POULTRY SCIENCE JOURNAL. Quarterly. Vol. 1, No. 1, Spring 1945. 33 p. Ithaca, World's Poultry Science Association. 47.8 W89







# AUTHOR INDEX

	Item		Item		Item		Item
Akeson, A.....	15729	Almeida, J. L. de.....	18659-60	Antonin, R.....	15810	Ayala Martín, E.....	17509
Aslander, A.....	19257	Almeida, R. F. D.....	18099-100	Antonio Rugeles, J.....	16486	Aylesworth, P. F.....	19300
Abbott, E. V.....	15459	Almeida Castro, M. de.....	18165	Antonoff, A. P. See		Ayyangar, G. N. R.....	15750
Abetz, K.....	16601	Almquist, H. J.....	16743	Antonov, A. K.....	15569	Ayyar, C. S. R. See Rem	
Abitbol, J.....	16173	Aloisi Sobrinho, J.....	18210	Antonov, A. K.....	15569	Ayyar, C. S.....	15750
Abondano Herrera, A.....	19289	Alstrup, G. L.....	18255	Applegate, P. W.....	16421	Ayyar, M. A. S.....	15750
Abrahamsen, M. A.....	19668	Altamirano, S. E.....	19704	Apps, H. J.....	16935, 18618	Ayyar, T. V. R.....	17662, 17683
Abrams, L. E.....	17451-2	Altstatt, G. E.....	15541, 18051	Arambarri, D.....	15811	Azevedo, N. de S.....	15414
Absalom, J.....	17212	Alvarenga, L.....	15619, 17681	Arango, P. A.....	15979	Azizian, A. A.....	18011
Ackerknecht, E.....	15216	Alvarez, A. S.....	19129	Arbours, M. B.....	15812, 19569	Azzi, G.....	15909
Ackerman, F. E.....	18658	Alvarez, J. C.....	15761	Arce, N.....	15317		
Acuña, J.....	16561	Alves da Silva, A.....	16241	Arceneaux, G.....	19130		
Adair, W.....	16933, 19290-2, 19799	Amsral, J. F. do.....	15534	Archambaud.....	17497		
Adam, W. B.....	18817	Amaral, V. S. G. do.....	16175	Archambaud, J.....	17626		
Adams, R.....	14819	Amargos, J. L.....	18854	Archibald, J. G.....	15069, 16744		
Afridi, M. K.....	18009	American Aberdeen-Angus Breeders' Assoc.....	16877	Arellano Bonilla, R.....	15308		
Agrelius, F. U. G.....	15316	American Forest Prod. Indus.....	15247	Argentina. Consejo Nacional de Estadística y Censos. Dirección General de Estadística y Censos..	19706		
Agricultural Bank of Tasmania.....	19215	American Geophys. Union.....	16420	Argentina. Dirección Forestal.....	16604-5		
Agüero, E. I.....	18185	American Hampshire Sheep Assoc.....	17535	Aries, P.....	19707		
Aguirre, A., R.....	16545	American Hereford Assoc.....	16878	Ariz. Agr. Col. Ext. Serv.....	15030-1		
Aguirre Andres, J.....	18367	American Maize-Prod. Co.....	15160	Ariz. Agr. Expt. Sta.....	14961		
Aguirre Vogt, L.....	17680	American Soc. of Brewing Chem.....	15161	Ark. Agr. Expt. Sta.....	14962-4, 15780		
Ahlström, L.....	15706	American Tariff League.....	15115	Ark. Univ. Bur. of Res.....	18483		
Ahrendes, E. R.....	18872	American Wildlife Inst.....	15311	Armbrust, C. A.....	17854		
Ahumada, J.....	15308	Amery, W. B.....	18393-4	Armitage, F. D.....	19154		
Aillon Tamayo, C.....	19176	Amsden, J.....	17214	Armstrong, J. T.....	17048		
Aims of Industry, Ltd.....	15114	Amsterdam. Kolonial Instituut.....	15380	Armstrong, N.....	15412		
Airy Shaw, H. K.....	18049-50	Amundson, L. R.....	18368	Arnaud, C.....	18396		
Aiton, E. W.....	14798-9	Anandan.....	16334	Arnd, U.....	19414		
Akeley, R. V.....	15524	Anandan, M.....	16546, 18855, 19801	Arnett, R.....	15886		
Akkoyunlu, Z.....	15878	Anantanarayanan, K. P.....	18109-10	Arnold, E. H.....	18026		
Aksim, M. L.....	19566	Ancheschi, L.....	16974	Arnold, G.....	15225		
Aktiebolaget Svenska Handelsbanken.....	19293	Ancona Pérez, A.....	18661	Arnold, O.....	15908		
Ala. Agr. Expt. Sta.....	14959-60	Andal, M. E.....	18211	Arnold, R. E.....	15997-9		
Alamo Ibarra, R.....	15467	Anders, C. B.....	16485	Arnold, R. H.....	17564		
Alarcon, P. J.....	16325	Andersen, E. M.....	15488	Arrow, G. J.....	17910		
Alaska. Univ. [Agr.] Ext. Serv.....	15029	Anderson, B. D.....	15187	Arroyo B., V. M.....	17163		
Alazraqui, J. M.....	15760	Anderson, C. P.....	18395, 18462, 18536, 18642-3, 18662-3, 19295, 19567	Arsan, E. N.....	16281		
Alba, J. de.....	16975	Anderson, C. V.....	17009	Arthur, J. H.....	18009		
Albee, G.....	19800	Anderson, E. A.....	14837	Arturo, C.....	17049		
Alberta. Dept. of Agr. Dairy Branch.....	18617	Anderson, H. O.....	14900	Aschner, M.....	18186		
Alberti, B.....	18098	Anderson, J. L.....	15105	Asdell, S. A.....	16975		
Albrecht, W. A.....	16331	Anderson, J. M.....	19568	Asociación Cafetalera de El Salvador. Junta de Gobierno.....	18495		
Albright, K.....	17213	Anderson, K. L.....	16363	Asociación General de Agricultores.....	19868		
Alcazar, J.....	15308	Anderson, R.....	19478	Asociación Nacional de Industriales de Cuba.....	19252		
Alcázar, Mrs. O.....	17508	Anderson, R. H.....	17264	Asociación Rural del Uruguay.....	18960, 19258		
Aleksandrov, V. V.....	19036	Anderssen, E. E.....	18101	Astorga Barriga, E.....	15762		
Alexander, A. K. S.....	17263, 19294	Andersson, I. H.....	16879	Atcheson, D. W.....	17753		
Alexander, C. P.....	17968-70	Andrade, B. M. de.....	16934	Atkins, F.....	15140		
Alexander, D. F.....	15509	Andrade, T. de.....	18492-4, 19705	Atkins, I. M.....	15413		
Alexander, M. A.....	17578	André, M.....	17849	Aubert, P.....	15953		
Alfonso, J. C.....	16592	Andreeva, N.....	16338	Austin, L.....	17971		
Algeria. Direction de l'Agriculture.....	16219	Andrews, D. K.....	19246	Austin, M. H.....	18472		
Algeria. Direction Générale des Affaires Économiques. Service de l'Élevage.....	16742	Andrews, H.....	16690	Australia. Dept. of Com. and Agr. Prices Branch.....	18644, 18821-2, 18961		
Ali, A. M.....	15907	Angel Rottgardt, A.....	17548	Prod. Goals Com.....	19297		
Alicata, J. E.....	17303	Angel Tobal, M.....	16725	Australia. Dept. of External Territories.....	19298		
Alinari, E.....	16316	Angell, G. N.....	17355	Avanzi, E.....	18856		
Allen, E. J.....	16174, 16332	Angell, H. R.....	15468	Avendaño F., A.....	15000		
Allen, G. H.....	17547	Angove, P. C.....	16242	Averitt, B.....	16936		
Allen, J. H.....	16419	Ankenman, E. C.....	17752	Avery, G. S., Jr.....	15620		
Allen, R. J. L.....	18847	Anthony, D.....	18664	Ayala, R. F.....	19299		
Allen, S. E.....	15324	Anthony, J. L.....	16542				
Allen, T. C.....	15110	Antill, R. M.....	19148				
Allen, W. H.....	17453	Antonelli, A.....	16880				
Allen, W. R.....	17751						
Allison, F. E.....	16383						
Allred, B. W.....	17579						
Allred, D. H.....	18461						
Almada Sapriza, H.....	16333						
Almeida, C. R. M. de.....	15899						



Item	Item	Item	Item
Barber, G. T.....18192	Behn, K.....15351	Bierig, A.....18103	Bond, M. C.....18421,19491
Barber, M. A.....18012	Behre, C. E.....16626	Bierly, I. R.....15004	Bond, R. M.....17761
Barber, W. E.....18320	Behrens, G.....18985,19305,19415	Billings, W. A.....15070	Bond, W. E.....16602
Barbini, M. E.....15900	Beinert.....18798	Bilmanis, A.....15117	Bonilla Arguedas, G.....16547
Barchillon, J.....18102	Beins, C. A.....18451-2	Birdsall, B. J.....19860	Bonnerup, I.....17058
Bérczay, J. von.....19301	Bejambes, M.....18509	Birdseye, M.....14819	Bonnet, M.....17125
Bardelli, P.....16776	Belgian Congo. Ministère des Colonies. Direction Générale de l'Agriculture, de l'Élevage et de la Colonisation.....18667	Birtwistle, V.....17217,17360-1	Bonnett, O. T.....14974
Barker, A. F.....18665	Bell, E. J.....17854	Bisby, G. R.....15318,15626	Boord, K. R.....19233
Barker, E. M.....15183	Bell, M. E.....15239	Bishop, E. A.....18473	Booth, F. L.....16703
Barley, H. D.17356-9,19259	Bell, R.....18668	Bishop, S. C.....17853	Booth, H. A.....16013
Barlow, B.....17511	Bell, R. W.....18620	Bisson, J. E.18895,18943,18962	Booth, V. H.....19764
Barlow, R.....16654	Belle, G.....16745	Biswell, H. H.....16941	Bor, N. L.....15352
Barlow, R. O.....16259	Belotti, E.....17649	Bitancourt, A. A.....15396-7	Borchers.....15735
Barnes, G. W.....16977	Belozzerova, N.....15651	Bittera von Hideghét, V. N.....15817	Borg, J.....16749
Barnes, J. C.....15183	Beltran G., G.....18755	Black, C. A.....16337	Borghesi, A.....16978
Barnes, J. S.....15298	Belval, H.....15694	Black, D. E.....19542	Börjesson, A.....18463
Barnes, O.....14919	Ben-Meir, Y.....15502	Black, D. L.....19261	Bornhauser, H.....17633
Barnett, C. R.....18941	Benard, E.....18498	Black, E. B.....18430	Borthwick, H. A.....15675
Barratt, R. W. 15415,15431	Benassi, L.....16627	Black, J. D.....15308,19219	Bortoletti, P.....15214
Barraud, E. M.....19570	Benbrook, E. A.....15212	Black, J. J.....18213-14	Boruff, C. S.....18858
Barrera Ribera, R.....16007	Bendandi, N.....19416	Black, J. M.....14839	Bose, S.....17288-9
Barry, S. C.....19711	Benedetti, A.....15666,15910	Black, L. M.....15546	Botha, M. L.....18673
Bartels, L. C.....15813	Benedict, F. L.....19120	Black, S. L.....17054	Botts, R. R.....19669
Bartholomew, R. P.....14962,16402	Benford, O.....19573	Black, S. R.....15247	Bottum, J. C.....14975
Bartilson, T. H.....17598	Benick, L.....17916	Blackmon, Mrs. A. A.19802	Bouças, V.....19106
Bartlett, R. W.....18604	Benítez Morera, A.....17758	Blackmon, G. H.....16326	Boucher, C. S.....19576
Bartlett, S.....16882	Benner, S. R.....18032	Blackwell, H. L.....17218-19	Boucher, P.....19134
Bartling, C. A.....17215	Benners, Mrs. W. H.....16011	Blackwood, B. B.....16176	Bouclé, L.....18052
Bartolozzi, E.18321,18427,18862,19302	Bennett, H. G.....18669	Blair, E. C.....15818	Boulton, E. H. B.....15248
Barton, G. S. 'E'.....19303,19394	Bennett, H. H.14901,15311	Blair, E. L.....15078	Bouquet, A. G. B.....16339
Basheer, M.....18112	Bennett, J.....18331	Blair, E. M.....16260	Bourmer, B.....18968
Bashore, H. W.....16422	Bennett, J.....18331	Blair, R. E.....15169	Bourne, L. B.....17688
Basinger, A. J.....18070	Bensley, B. A.....15213	Blake, F. G.....17854	Bouvier, G.....18187
Baskervill, W. H.....18256	Bentley, M.....18429	Blake, M. A.....15416-17,15627-9,15958	Bouvrain, G.....15630
Bastisse, E. M.....16318	Berard, H. L.....19087	Blake, R.....17454-5,18671	Bowen, E. R.....15118
Bastos, A. de M.....19260	Beresford, H.....15055	Blakstad, J.....16925	Bower, C. A.....16337
Bastos, H.....19304	Beresford, J.....17051	Blanc, G.....18013	Bower, C. W.....16777
Bate-Smith, E. C.....19076	Bergalli, A. V.....19815	Blanchard, E. E.....17687	Bowles, C.....19243
Bathe, D. R.....15814-15	Bergamin, J.....17917-19	Blanchet, J.....16746,18376	Bowman, M.....19577
Batson, E.....19247	Berger, F.....15956	Blaringhem, L.....15570	Boyce, C. W.....16698
Batten, E. T.....15025	Berger, R. L.....19543	Blaum, A. E.....18944	Boyd, A. E. W.....15483
Battles, O. V.....16883-4	Bergh, W. F.....16939	Blaxter, K. L.....16942	Boyd, O. C.....15458
Bauer, A. H.....17685	Bergmann, S. T.....17759	Blegen, T. C.....19574	Boyd, W. L.....16778
Bauer, E.....18080	Bergström, S.....15729	Blin, H.....17157,17580	Boyd, W. S.....18014
Bauer, L.....19502	Bergvall, L.....15262	Blizzard, W. L.16943,17055-7	Boyer, J. M.....16635
Bauer, R.....16008	Berland, L.....17851	Block, R. J.....19763	Bracci, F.....18987
Beum, H.....15216	Berrutti Pellegrino, H.....18942	Blom, D.....16012	Bracet, H.....18485
Beumer, W.....18857	Bertolucci, P.....16940	Blondin, A.....15901	Brackeen, L. O.....15820
Beumgarten, W.....18858	Bertrand, D.....15623-4,15695-8	Bloomer, W. L.....19831	Bracken.....17409
Baxter, J. G.....19779	Berzaghi, M. N.18670,19417	Blose, D. T.....19575	Braddock, T.....17070
Baxter, S. N.....16009	Berzunza Pinto, R.....17052	Blount, J. P.....18431	Bradt, C. G.....15063
Bayley, C. H.....18666	Besche, A.....17216	Blumenkron, J.....19133	Braga, A.....16779
Bayma, A. da C.....16423	Beskhlebov, A.....16885	Blunn, C. T.....17536	Bragadin, E. A.....15763
Bays, E. R.....15816	Bessemans, A.....17504	Boal, R. S.....19233	Branas, J.....15418,16340
Bazán, A.....18398	Bessonnet, E. C.....17760	Bobko, E.....16338	Brend, C. J.....16524
Bazán, L.....16010	Best, M. G. S.....17195	Bobrovnik, P.....19262	Brandão, J. S.....16261
Bazevluk, V.....15621	Bethke, R. M.....17265	Boddy, F. A.....15887	Brandon, J. F.....14966
Bazin, S.....15622	Betten, H. L.....17096	Bodine, E. W.....15519	Brandonisio, V.....18674
Beach, F. H.15954-5,16245	Bettendorf, H. J.....16691	Boeger.....17618,17650	Brandt, A. H.....16424
Beale, O. W.....15012	Bettini, T. M.17053,17972,19181	Böhringer, P.....18499	Brandt, J.....19234
Beas, F. E.....16532	Betts, H. S.....14838	Boemer, K. H.....19419	Brandt, P. M.....18537
Beare, J. A.....15491	Bever, W. M.....15604	Bohn, R. T.....18986	Branton, H. D.16755,16764
Beatty, J. A.....18428	Bey-Rozet, L.....15957	Bohórquez, R.....15819	Brann, J. W.....15109
Beauchamp, C. E.....16336	Bhowmik, T.....19157	Bohorquez Rubio, P..19158	Brannan, R.....16178
Beaumont, A.....15545	Bianchi, F. A.....17852,18176-7	Bohstedt, G.15028,16747-8,16944,17619	Bransby, E. R.....19733
Bechuanaland Protectorate Govt. Vet. Dept.....15231	Bianchi, J. A.....18825	Boianov, P.....16284-5	Branzani, E. C.....18501
Beck, C. G.....19571	Bianchi, M. A.....16593	Boikov, P.....16286	Brasse-Brossard, L.16887,17059
Becker, C. A.....15116	Biblioteca Benjamin Franklin, México, D. F...15306	Bois, E. J.....15911	Braun, A. J.....15532
Becker, R. B.....16938	Bice, C. W.....19165	Boischot, P..16177,16236,18359	Braun, E.....17762,17824
Beckerich, A.....19249	Biddle, D.....16012	Bokuchava, M. A.....18500	Brauns, F. E.....15699
Beckers.....19572	Bieber, A.....15625	Bolling, D.....19763	Brayne, F. W.....19395
Beckett, E.....15561	Bieberdorf, G. A.....15006	Bologna, L. M.....16594	Brazelton, J. S.....18215
Beckley, A. C.....17512	Bierbrauer, M.....18967	Bolsa de Mercadorias de São Paulo.....18672	Brazil. Departamento Nacional do Café.15164-5,15197
Bedenbaugh, P. G.....17616		Bonadonna, T..16728,16886	Brazil. Instituto Nacional do Mate.....15166
Bee, U. G.....17648		Bonalume, W. L.....17220	Brazil. Ministério da Agricultura.....18166
Beerend, R. F.....15163		Bond, C. A. 14736-7,14739	Serviço de Estatística da Produção.....15167
Beeson, W. M.....17617			Brecheen, K. G.....17971
Reglinger, E.....16689			
Bégué, H.15232,17686,17957			



Item	Item	Item	Item
Breen, J. F.....16729	Bryant, G. E.....17922	Calif. Agr. Expt. Sta.....	Carter, A. S.....14977-8
Bregante, L. J.16780,17549	Brydon, P. H.....16017-18,	14965,15780	Carter, D. G.....18369
Breithaupt, L. R.....15096	17923	Calif. Conserv. Council...	Carter, J., Jr.....14996
Breneman, M. K.....15168	Bryk, F.....18105	15298	Carter, J. C.....15472,15533
Brennan, J. M.....17855	Bua, G.....17974	Calif. Crop and Livestock,	Cartwright, M. A.....19582
Breschkov, T.....15531	Buccleuch, Duke of...16782	Rotg. Serv.....15169	Carus, C. D.....19180
Bressler, R. G., Jr..19479	Buchanan, A. H.....17060	Calif. Dept. of Agr..15169	Carvajalino Jacome, L. J.
Brétignière, L....15764-5,	Buchanan, M. T.....19503	Calif. Grape & Raisin	15915,18219,19315,19530
16750	Buchholz, J. T.....15571	Indus. Conf.....14876	Carvalho, F. M. de...19547
Brett, C. H.....15006	Buchy, A.....15632	Calisti, E.....19579	Carvalho, J. B. de M.19803
Bretz, T. P.....15419	Buck, G. A.....17061	Callahan, E. P.....15105	Carvalho, J. C. M.....18053
Bretz, T. W.....15459	Buck, P. S.....19423	Callahan, J.....16671	Carver, G. L.....16867
Breuning, S.....17920	Bule, T. S...15821,16487-8	Calvino, E. M.....16020	Casas Campillo, C.....15547
Breviglieri, M.....15918	Bulcock, F. W.....18538,	Calzada, V.....17308	Cash, L. C.....15524
Breviglieri, N.....15888	19309-10	Calzada Benza, J....16181	Caspers, H.....17664
Brewster, J. M.....19177	Bundel', A. A.....19041-2	Camac, M. J.....19179	Cass-Smith, E.....18971
Bridge, A. L.....16014	Bunning, W.....18322-3	Cámara de Comercio,	Cassamagnaghi, A.....17859
Briebe Soffia, R.....18464	Bunt, J.....17496	Caracas.....19424	Cassamagnaghi, A. (hijo)..
Brier, J. H. 17763,17825	Burbano R., J.....19178	Camargo, L. de S....16182	16985-6,17109,17310
Briest, H.....16979	Burbury, N. M.....19311	Cameron, A. E.....18756	Cassebeer, F. W.....16003
Briggs, H. M.....19744	Burch, D. S.....14777-8	Cameron, T. W. M....18015	Casselberry, N. H....17646
Briggs, P. S.....18969	Burgess.....18596	Cameron, W. C.....18589	Cassell, R. C...15421,15473
Brightwell, S. T. P..18847	Burgess, R.....18591	Campbell, C. P.....17828	Castagnet, A. D.....16868,
Brindley, T. A.....14788	Burgess, R. W.....18010	Campbell, H. L.....17222	18416
Brindze, R.....19734	Burgevin, H....16541,16551	Campbell, W. A.....15471	Castañedo, J. A.....17148,
Brink, R. A.....15605	Burke, M. J.....16866	Campbell, W. W.....16489	17197
Brion, A.....17165-6	Burkholder, C. L....18106	Camus, A.....15353	Castellani, E.....19181
Brison, F. R.....15021	Burkholder, P. R....15572,	Canada. Dept. of Agr.17747	Castillo Calero, A...15226
Brister, W. C.....18399	19765	Mktg. Serv., Econ. Div..	Castro, J. de.....19737
Bristowe, W. S.....17856	Burmester, B. R.....16854	19527,19670	Castro G. Huidobro, A.....
British West Indies Cent.	Burnett, L. C.....16343	Canada. Dept. of Labour...	18541,18676
Sugar Cane Breeding Sta..	Burns, W. F.....18592	19264	Causey, O. R.....17980
15874	Burr, G. O.....15680	Canada. Dept. of Mines and	Cauthen, G. E.....16987
Britten, H.....17912	Burr, H. S.....15633	Resources. Lands, Parks	Cavalcanti, P. 16562,19182
Brittin, L. H.....18432	Burris, R. H.....15305	and Forests Branch..16712	Cavanagh, J. J.....19316
Broadbent, V. V....18332-3	Burroughs, R. J.....19221	Canada. Wartime Inform.	Cavanillas, L.....16426
Brockman, C. F.....18104	Burroughs Wellcome and Co.	Bd.....15170	Cavero, M.....19265
Broicher.....18896,19306-7	15235	Canada. Wartime Prices and	Cavers, J. R.....17368
Bromley, S. W...17689,17973	Burrow, H.....16980	Trade Bd.....18400	Cavina, R.....18453
Brondo Whitt, G....19308,	Burrows, G. T.....16888	Canadian Co-op. Wool	Caziot, P.....19317
19422	Burrows, W.....15309	Growers, Ltd.....19869	Cazzola, N.....16784
Brookman, B.....18032	Burtis, E. L.....19073	Canadian Fed. of Agr.19313	Cecil, S. R.....14968
Brooks, C.....17456	Burton, W. G.....16179	Canavesi, A.....17269	Central Provinces and
Brooks, C. P.....15106	Burum, D. H.....18539	Cancellara, E.....16425	Berar. Provincial Indus.
Brooks, E. W.....18334	Bushnell, T. M.....14979	Candio, M.....18856	Com.....15171
Brooks, J. H.....17221	Bussell, F. P.....15794	Candioli, P.....18989	Central Vet. Soc.....16785
Broomhead, W. W....17266,	Butler, E.....18217	Candiotti, A. N.....17167	Cerdelli, U.....18898
17362-4	Butler, G. D.....16327	Canessa, S.....16984	Cereal Inst., Inc....15236
Brossard, L. B. See	Butler, H.....19312	Canfield, H. C.....17413	Cerqueira, N. L.....17665,
Brasse-Brossard, L.	Butt, C. S.....19107	Canterbury Agr. Col., New	18017-18
Brot, R.....15959	Buttner, E. E.....17267-8,	Zealand.....18218	Cerqueira, P. O. de...18502
Brotherton, M. K....19735	17307,18860	Canterbury Chamber of Com.	Cesar, H. P.....15422-3
Brown, A. G....15980,19220	Buz, C. C.....18988	18218	Ceylon. Conservator of
Brown, A. P.....15233	Buzi, C. C.....15912	Cantrell, G. E.....14862	Forests.....16713
Brown, B.....19578	Buzzard, C. N.....17663	Capel, L.....15914	Chadwick, L. C....16021-2,
Brown, C. M.....15234	Byers, T. K.....16648	Carballo Pou, M.....17308	16344-5
Brown, Sir E.....19077	Bynum, E. K.....17924	Cardoso, F. P.....17062	Chadwick, O. C.....17063
Brown, G. G.....16341	Byrd, N. P.....15169	Cardwell, J. N.....19580	Chaffin, W. D.....15824
Brown, G. S.....18377	Byrnes, J. W.....14880	Carey, R. L.....17765	Chakravarty, K. K....15700
Brown, J. B.....18216	Bythell, D. W. P....16981	Carey, S. W.....16490	Chaline, R.....16753
Brown, J. J.....16015	Cabeza, F. W.....17196	Cargnel, A.....17550	Chamber of Com. of the
Brown, M.....19480,19529	Cabezas B., H.....19178	Carl, L. M.....15119	U. S. of America. Agr.
Brown, M. J.....19736	Cabo de Vila Parodi, L....	Carle, A. B.....16704	Dept.....15120
Brown, O. B.....19474	17764,17826-7	Carleton, R. M.....16292	Chamberlain, W. E....17977
Brown, P. R.....16781	Cabot, D.....16783	Carleton, W. M.....18251	Chamberlin, J. C.....17860
Brown, P. S.....16016	Cabrer Mestre, P....16317	Carloni, P.....16673	Chamberlin, R. V...17860-2
Brown, R. B.....17857	Cabrera, A. L.....19815	Carlson, A. J.....19759	Chamberlin, V. D....17282
Brown, R. O.....18871	Cáceres Brie, A.....18897	Carlsson, C. E.....16885	Chambers, A. H.....15020
Brown, R. W.....19250	Caceres y Martinez, A. R..	Carlsson, C. H.....19581	Chambers, E. L.....15112
Brown, T.....18193	16983	Carnes, H. F.....18257	Chaminade, R.....16311
Brown, W.....15420	Cadilla de Martínez, M....	Carnevale, N.....19108	Chandler, J.....18757
Brownfield, A. D....18963	15913	Carpano, M.....17309	Chandler, W. H.15265,16407
Browning, G. M.....15756	Cadillat, R.....19707	Carpenter, G. D. H....18108	Chang, W. H.....15766
Brozzetti, P.....17365	Caicedo, L. A.....15822	Carpenter, S. J.....18016	Chao, P. C.....19318
Brubaker, D. D.....18590	Caiky, C. F.....16854	Carr, D. A.....16752	Chao, Y. C.....16346
Bruce, H. D.....14839	Calderon Agez, J....18970	Carr, R. D.....19314	Chapin, E. A.....17925
Bruce, N.....17921	Caldwell, J. S.....15636	Carrera, C.....18861	Chaplin, J. P.....19760
Bruckner, J. H.....15002	Caldwell, R. M.....16180	Carrera, M.....17976	Chapman, H. D.....15634
Bruhn, H. D.....15112	Caldwell, S. A. G....18675	Carrère Sapriz, J...19671	Chapman, H. H.....15736,
Brumby, M.....15060	Calif. Agr. Col. Ext.	Carriagan, J. E.....18540	16563-4
Bruner, S. C...17690,18052	Serv.....15032-6	Carriker, M. A., Jr..18188	Charavanapavan, C....19766
Brunk, M. E.....19263		Carson, W. D.....15823	Charles, T. B.....17369
Bryant, E. B.....17858		Carswell, N. B.....17367	Charon, A. J....17582,17620



Item	Item	Item	Item
Charpentier, L. J.....17924	Coderie, J.....18542	Cooper, O.....19673	Cullity, M.....18221,18544
Chaudhuri, H.....16786	Cofer, E.....18826	Cooperative League of the	Cullop, R. H.....16990
Chavez, J.....18677	Cofer, E. S.....15108	U. S. A.....15118	Culpepper, C. W.....15636,
Chekanovskaya, O. V.....18000	Coffey, J. S.....17599-600	Copeland, E. W., Jr.....16543	15704
Chen, C. Y.....19767	Coghlan, C.....18972	Copland, D. B.....18465	Culver, V.....17601
Cheng, W. C.....16582	Cohee, M. H.....16328	Coppini, R.....18901	Cumming, A.....15267,16031
Chengtu, China: Szechwan	Coic, Y.....16548	Corbet, A. S.....17927	Cumming, W. C.....15744
Inst. of Agr. Impr. Sugar	Coiner, M. S.....18991	Corcoran, T. F.....18486	Cummings, M. B.....17929
Cane Expt. Sta.....15869	Coker, R. R.....18679	Corlett, D.....17273,18338	Cunha, T. J.....17621
Cherian, M. C.....17691-2,	Col, G.....16788	Corley, S.....19806	Cunningham, J. B.....19474
18109-12,18178	Cole, C. L.....16854	Corn Indus. Res. Found....	Cunningham, L. C.....15001,
Chernyak, B.....16306	Cole, H. H.....16789,16988,	19870	18545,18648
Cherrier, E.....17457	17552	Cornell Univ. Col. of Agr.	Cuocolo Sobo., R.....16823
Chervigny, J. de.....17149	Cole, Mrs. J. D.....17459	Dept. of Agr. Econ. and	Curé, P.....15637
Chew, A. P.....14856,19396	Cole, R. R.....19183	Farm Mangt.....15116	Curry, E. J.....19161
Chianese, L.....19159	Coles, J. D. W. A.....17370	Cornish, F.....19482	Curry, T. C.....18804
Chiarelli de Gahan, A.....	Colla, S.....15919	Cornu, C.....19160	Curtis, N.....15238
18113	Collier, D.....16698	Corporación Nacional de	Curtis, P. B.....19798
Chiaromonte, A.....17693,	Collier, G. W.....19481	Olivicultores.....15921	Cussac, C. M.....15255
18167,19804	Collier, J.....15311	Correa, A.....16349,16549	
Chickering, A. M.....17863	Collinge, W. E.....17865-6	Corrie, F. E.....16533	Dahlberg, E.....15262
Chiellini, P. L.....17513	Collins, F. I.....19043	Corsi, T.....16790,16989	Dahlstedt, L.....16946
Chile, Departamento de	Collins, G. B.....18153	Corti, G.....16491,16550	Dail, H. M.....18370,19427
Genética Fitotécnica.....15291	Collins, H.....18335	Cory, V. L.....15356	Daines, R. H.....15477
China (Government).....15121	Collins, J. H.....18818	Cosentino, J. A.....15635	Daken, E. L.....17371
Chittenden, E. T.....16523	Collins, T. T.....16683	Costa Rica, Departamento	D'Albora, J. B.....18417
Chizhov, B. A.....15299	Collinson, H.....18336-7	Nacional de Agricultura..	Damasceno, R. G.....17980
Chollet, M. M.....15701	Collis, J. S.....17694	15868	Dammert, Z.....16386,16947
Chorin, M.....15474	Collison, R. C.....16348	Costello, D. F.....15825	Damude, D. F.....16792
Chorine, V.....17311,18039	Colnett, A.....18258	Cotner, T. E.....19505	Daneel, P. de V.....16351
Chouard, P.....15862,16183-4,	Colombani, G.....16583	Cotton-Textile Inst., Inc.	Daniel, F.....18117
18758	Colombia, Estación Agrí-	Div. of Tech. Serv.....15173	Dannemann, R.....15826
Choudhari, B. L.....16262	cola Experimental de	Couch, J. F.....15703	Dantas, J. G.....18682
Choussy, F.....18503	Palmira.....18062	Couch, V. M.....17460-3,17514	D'Apice, M.....16991,17634
Christensen, C. M.....16263	Colo. Agr. Expt. Sta.....14966	Coudry, G.....15573	Darlan, L. A.....17553
Chumakov, M. P.....17864	Colo. State Planning Comm.	Coulter, J. L.....16428	Darling, J.....16032
Chwett, L. J.....18019	19184	Coulter, S. T.....15183	Darreh, L. B.....15002
Ciacchia, C.....16595	Solvin, B.....19585	Coupon, G.....18220,18296	Deskalo, K.....15606
Ciferri, R.....15354-5,	Comas Contreras, J.....19426	Couranjo, A.....19320	Datta, R. L.....15424
15916-18,18504,18862	Combined Food Bd. (U. S.,	Coutinho, J. O.....18021	Datta, R. M.....15358
Cincinnati, Dept. of	United Kingdom, and	Coutinho, R.....19738	Datta, S. C.....16266
Health.....18957	Canada).....18401	Couture, C. E.....19506	Dauberschmidt.....17930
Ciriacy-Wantrup, S. von...	Combs, O. B.....15110	Coward, R.....16293	Daun, G. E.....19322
19805	Combs, W. B.....14819,15183,	Cox, M. J.....19165	Davidson, B.....16187
Ciucci, L.....18168	18863	Cragg, J. B.....17978	Davidson, H.....17651
Claar, E. A.....16023	Comité Cotonnier Congolais	Craig, E. E.....18699	Davidson, H. R.....18466,
Clare, H. C.....19750	18667	Craigie, E. H.....15213	19185,19587
Clark, A. M.....16024	Committee for Econ.	Cram, J. S.....16890-1	Davidson, J. A.....17274
Clark, C. F.....16854	Devlpmt., Res. Com.....15172	Grandall, B. S.....15393,	Davidson, O. W.....15417
Clark, C. O.....16427	Common Council for Amer.	15475-6	Davies, J. L.....18546
Clark, D.....16025	Unity.....15237	Grandall, W. T.....16945	Davies, R.....18473
Clark, F. de C. B.....19504	Conde Thillet, M.....16264	Crane, M. B.....15961-2,16185	Davila, D.....16188
Clark, J. H.....15960	Condit, I. J.....15920	Cranford, P. G.....18022	Davila, D. S.....15924
Clark, L.....19672	Conforti, E.....19319	Cravino, A.....18759	Davis, E. E.....18023
Clark, L. B.....19360	Conin, W.....15266	Crawley, B.....18259	Davis, J. C.....18902
Clark, L. H.....19583	Conn. Agr. Col. Ext.	Crea, V.....18993	Davis, J. F.....14758
Clark, M. M.....16347	Serv.....15037	Crépin, C.....15751,15767	Davis, J. G.....18621
Clark, T. B.....17270	Conn. Reemployment Comm...	Cresson, E. T., Jr.....17979	Davis, J. H.....18547
Clarke, J. L.....18020	15122	Cresswell, G.....18339-40	Davis, M. M.....19588
Clarke, W. B.....15319	Conn. Univ.....18603	Crété, P.....15574	Davis, P. O.....19589
Clauss, H. M.....17551	Connelly, R. G.....17064	Crispo, C. F.....15922	Davis, R. N.....18622
Clay, H. J.....18990	Consiglio Nazionale delle	Crissey, A. N.....16891	Davidson, J. R.....16429
Clayton, E. E.....14723	Ricerche, Comitato per	Cristobal, U. L.....18054	Daw, F. C.....18683
Clear, T.....15249	l'Agricoltura, Italy.....	Cristol, S. J.....17695	Dawson, E. Y.....15390
Clemens, C.....19832	15293	Groce, E. T.....15923	Dawson, R. F.....15705
Clements, L. D.....19584	Consolani, G.....18992	Groce, F. M.....15963,18850	Day, D. I.....16893
Clements, R. W.....16684	Consolazione, F. C.....19745	Crocheron, B. H.....19586	Dean, H.....17464
Cler, G. O.....16787,17110	Consumers' League of N. Y.	Cromwell, R. O.....18864	Dean, J. M.....19564
Cleveland, J. R.....17458	15123	Cronk, L. M.....16030	Dean, L. A.....15638
Cliffe, A. E.....17223,18647	Contreras Barbas, L.....15737	Cronquist, A.....15357	Dear, P. S.....16649
Cline, L. E.....17271	Conway, H. M.....18900	Cros, A.....17928	Deerness, J.....19703
Cline, R. A.....14919	Cook, A. H.....15702	Crouzatier, L.....19531	De Bellefeuille, R.....19590,
Clinton, H. F.....17272	Cook, G. E.....15215	Crowther, E. M.....16186	19674
Coad, W. H.....17224	Cook, J. M.....14866,18681	Cruess, W. V.....18799,18828	Decker, J. S.....19739
Cobb, A. D.....19425	Cooke, G. B.....16596	Cruz A., C.....17111	Decoux, L.....15575,15870-3,
Cobb, R.....15146	Coolidge, M. H.....15725	Cruz Ramirez, C.....19321,	15876,16294
Cobb, V. T.....19135	Coombs, S. V.....16027	19397	Deevey, E. S., Jr.....17867
Coblentz, J.....16026	Coon, B. F.....18114	Cuba, P.....19483	Deevey, G. B.....17867
Coccia, G.....16603	Cooper, D. C.....15605	Cuba, Oficina de Divul-	Degener, O.....15344
Cochel, W. A.....18899	Cooper, E.....16028-9	gación de la Sección de	DeGraff, H.....19475
Cochran, A. R.....16714	Cooper, J. F.....18827	Sanidad Vegetal.....18115	DeGraff, H. F.....14999
Cockbill, G. F.....17926	Cooper, J. L.....17993	Cuccurullo, M.....18865	Delaplane, J. F.....17312
Cockerell, T. D. A.....15320	Cooper, N.....16265	Culley, J.....17098	Dell, P.....17112



Item	
Delupis, S. D. di....	18994
Demaría Massey, D....	15902
Demlow, M. J.....	19043
Demolon, A....	16307, 16318, 16551
Demosey, M.....	18973
Dencker, C. H.....	15147
Dennis, W. A.....	17168
Dennis, W. V.....	19591
Denoo, A.....	17504
Depardon, L.....	16189
DePetris, V. R.....	15768
De Quincey, S.....	19428
Dérubère, M.....	19136
Dermen, H.....	15576
Derrien, Y.....	17186-8
Desio, A.....	16430
Devita, J.....	16793
Devlin, C. E.....	16705
De Vore, F.....	17602
Devoto, F. E....	15993, 16267
D'Ewart, W. A.....	16431
De Wet, H. D.....	19266
Dews, S. C.....	18024
Deyoe, G. P.....	19592
Deysenroth, C. F....	18593
Dhanda, M. R.....	16824
Dhayagude, R. G.....	17113
D'Íachenko, A.....	16492
Díaz, F. A.....	17635
Díaz Galindo, F. M....	19593
Díaz Yolde, J. A.....	17158
Dick, J. B.....	18684
Dickinson, D....	18418, 18456
Dicks, W. J. H.....	17766
Dickson, A., Jr.....	16155
Dickson, A. D.....	15490
Dicus, A. W.....	19833
Diebold, C. H.....	14904
Dies, E. J.....	18995
Dieterich, V.....	15250
Diez Mori, A.....	17372
Diller, J. D.....	16313
Dillon, C. E.....	18974-5, 19078
Dilwali, C. K.....	17583
Dimitrov, P.....	15587
Di Tella, T.....	19267
Dittes, H.....	17515
Dixon, E. W.....	16794
Dobert.....	15752
Dobignies, A....	17554, 18903
Dobignies, J....	17554, 18903
Dodd, D. R.....	16352
Dodwell, B.....	19532
Doisy, E. A., Jr.....	19797
Dojmi di Delupis, S.....	15925-6
Dominican Republic. Comi- sion de Defensa del Café y del Cacao.....	15174
Dominican Republic. Sec- retaría de Estado de Agricultura, Industria y Trabajo. Seccion de Estadística.....	18866
Dominicis, L. de....	16795
Donaldson, R. W.....	16353
Doniathorpe, H.	17931, 18081
Doran, W. L.....	15478
Dore, V.....	18487
Dorer, R. E.....	18025
Dorman, C.....	19861-2
Dorman, K. W....	15747, 16684
Doss, K. S. G.....	16291
Doty, D. M.....	14976
Doucet, Mme. H.....	19675
Douchez, Y.....	15479
Douglas, J. R.....	18182
Douglas, S. W.....	17123
Dow, G. F.....	14984-5
Downer, H. E.....	16033
Downey, L. A....	17652, 18904, 18945

Item	
Downing, F.....	16034
Dowsett, C. P....	18760, 18829
Dräger, K.....	17116
Drake, C. J.....	18055
Draper, C. I.....	14969
Dreibelbis, F. R....	16287
Dropkin, V. H.....	15227
Drouineau, G.....	16295
Druce, P. C.....	18222, 18867
Drummond, W. C....	16035
Drummond-Gonçalves, R....	15534
Drury, N. B.....	15311
Duchasne, J. E.....	18761
Dudik, G. F.....	15201
Dudley, F. J....	17256, 17300, 17302
Dudley, J. F.....	17829
Duff, M.....	18685
Duffy, E. A. J.....	17932
Du Frane, B.....	19323
Duggan, I. W.....	19186
Duggar, B. M.....	15845
Duley, F. L.....	14919
DuMond, C. C.....	18615
Duncomb, Mrs. R. J....	16036
Dunex, A.....	16307
Dungan, G. H.....	14974
Dunker, R.....	16354
Dunkle, M. B.....	15562
Dunkley, W. L.....	18606
Dunn, D.....	14992
Dunn, L. T.....	18433
Dunn, P. M.....	16655
Dunn, W. E.....	18433
Dunnigan, J. H.....	19740
Dunning, J. W.....	14755
Du Plessis, S. J....	15426
Duque, J. P.....	16268
Duraiswami, S. V....	19187
Duran, J. J.....	17375
Durante, S.....	15927
Dutcher, R.....	15827
Du Toit, A. G. S....	19429
Dykatra, R. R.....	16796
Eames Inst. of Poultry Technol.....	15223
Easterbrook, L. F....	15124, 18594, 19556
Eastern Steel Prod. Ltd....	15148
Eastlack, J. O.....	18549
Eastwood, A.....	15359
Ebeling, W.....	15928
Eberle, A. M.....	19594
Eberly, N.....	16645
Ebert, M. H.....	19741
Echeguren, R. A.....	17169
Echenique, J.....	19324
Eckard, W.....	19325
Eckblad, I. M.....	15040-2, 15044-7, 15050-4
Eckley, N. O.....	16247
Economic Equity, Ltd.	15125
Eddy, B.....	17667
Edinburgh Vet. Dept.	18958
Edmeades, D. T.....	17753
Edmonds, A. G.....	18379
Edmunds, G. F., Jr...	18179
Edson, J. N.....	18417
Edwards, H. T.....	18686
Egypt. Min. of Pub. Health.....	19595
Ehrman, F. C.....	18010
Eire. Dept. of Agr....	15480, 15548, 15769-70, 17767, 17868
Eisner, C.....	18118
Eke, P. A.....	14970
Eksteen, L. L.....	15753
Elazari-Volcani, Z....	15481
Eliaeson, S.....	19079

Item	
Elijah, H. D.....	17603
Ellon, E.....	18868
Ellenberger, W.....	15216
Elliott, C.....	16552
Elliott, J. A.....	15828
Ellis, F. E.....	19080, 19430
Ellis, G.....	17227
Ellis, J. M.....	18010
Ellis, N. R.....	14730
Ellis, O. B.....	16894
Ellison, B. R.....	15577
Elrod, J. C.....	14967
Elwell-Sutton, L. P....	15126
Emanuel, V.....	19676
Emerson, A. W....	16493, 18223, 18260
Emley, W. E.....	15181
Empire Cotton Growing Corp.....	15806
Emrich, O. T.....	19484
Emalie, A. R. G.....	16754
Emalie, B. L.....	16948
Emsweller, S. L.....	14882, 15578
Endrigkeit, A.....	17170
Engel, E.....	17159
Engelking, R.....	19543
Englehorn, C.....	14919
Engler, K.....	14964
English, H.....	15482
Englund, E.....	18402
Enigk, K.....	16797
Ensminger, J. D.....	14819
Ensminger, M. E.....	17621
Enzie, F. D.....	17636-7
Epple, Mrs. J.....	16895
Erickson, A. W.....	15268
Erickson, T.....	17696
Ericsson, E.....	18297
Erijman, M.....	15981
Erikson, D.....	15535
Eriksson, G.....	18324
Eriksson, K.....	15217
Eriksson, S.....	16949
Ernould, L.....	15575, 15876
Escobar, A....	16269, 16319, 16408
Esquivel Richmond, E....	16730
Essig, E. O.....	18056
Estrada, M.....	15829
Ettinger, J.....	16190
Eulau, H.....	19548
Euler, H. V.....	15706
Evans, E. V.....	16755
Evans, Edward S., Trans- portation Res.....	15149
Evans, J. W....	17697, 18687
Evans, O. O.....	17376
Evans, O. R.....	18403
Evans, R. G.....	15022
Evans, W. R.....	17798
Everett, T. H.....	15269
Evers.....	16604
Ewing, G.....	16037
Exline, E.....	17869
Eyre, F. H.....	16605
Fairbank, J. P.....	15032
Falconi, A. C.....	16798
Falcone, N. F.....	17065
Falkner, G. B. S....	18689
Faloon, D. B.....	16409
Fardy, A.....	15579-80
Farebrother, T. H....	16693
Fargher, R. G.....	18690
Fargo, J. M.....	15028
Farías Alem, R.....	17768
Farley, A. J.....	19268
Farling, H.....	18810
Farm Credit Admin. of New Orleans. Div. of Res....	19222-3, 19544-6
Farm Press Forest Prod. Com.....	15251

Item	
Farmers' Club, London.....	19389
Farmers Union Jobbing Assoc.....	19677
Farnsworth, Mrs. H....	17377
Farr, H. W.....	18905
Farrant, J. H.....	19485
Farrar, C. L.....	17769
Farrelly, W. M.....	18457
Faulkner, R. P.....	15639
Fauver, J. R.....	16432
Favilli, N. 16799-800, 17516	
Favor, H. H.....	18986
Faxon, R.....	17698
Fay, A. C.....	18607
Federazione Internazionale di Olivicoltura.....	18964, 18980, 18996-19017, 19052
Federico, S.....	16674
Federico, T....	15427, 16410
Feldman, G.....	15640
Feldman, J.....	15640
Feldmann-Mazoyer, G....	15270
Fenley, F.....	17584
Fenton, F. A.	15006-7, 17699
Fergus, E. N.....	15830
Ferguson, D. B.	15003, 19491
Ferguson, F. F.....	18026
Fernald, M. L.....	15321, 15360-2
Fernández, G. M.....	18830
Fernández, R. J. P....	18261
Fernandez Aguirre, E.	16192
Fernandez Salazar, E.	17198
Fernow, K. H.....	15087
Ferrara, A.	18506, 19018-19, 19326
Ferreira, M.....	18021
Ferri, M. G.....	15641
Ferrin, E. F.....	17653
Fethers, G.....	16801
Feucht, O.....	16606
Feuge, R. O.....	19020
Fidler, J. C.....	18473
Fiedler, H.....	17191
Field Notes Crop Rptg. Serv., Minneapolis, Minn.	15268
Fielitz, F.....	17308
Fielitz, F. O.....	17114
Fiennes, R. N. T. W....	16992
Fietkau, F.....	17622
Figueiredo, R. de....	16038
Fikentscher, H.....	19507
Filini, E.....	19807
Filel, L. J., Jr.....	19021
Filinger, G. A.....	14980
Filley, H. C.....	19095
Findlen, P. J.....	14819
Finlay, W. A.....	17771
Finnell, H. H.....	14919
Florentini, G.....	18869
Firestone Farm and Garden Serv. Bur.....	15271
Firestone Tire and Rubber Co.....	15271
Firor, J. W.....	14815
Fischer, B. M.....	18623
Fishbein, M.....	19768
Fisher, D. F.....	14775
Fisher, E. E.....	15642
Fisher, J. R.....	18870
Fisher, O. S.....	14819
Fitch, C. L.....	16193
Fitzpatrick, E. M....	19834
Flamman, Sister M. M.	15643
Flanagan, J.....	19081
Flanders, S. E.	15920, 18070
Flianz, M.....	19022
Fleischmann, W.....	17313
Fling, S.....	19110
Florencio Vita, J....	16993
Flores de la Peña, H.	19269



Item	Item	Item	Item
Fla. Forest and Park Serv.....16715	Gadge, S. W.....17773	Gladman, J. C.....18120-1	Greacen, E. L.....16437
Fla. Univ.....15175	Gaetani, L.....19808	Glagoleva, E. M.....18028	Gt. Brit. Bd. of Trade.... 15128
Flowers, J.....19742	Gaines, E. M.....16566	Glaser, O.....19810	Gt. Brit. Design of Dwell- ings Sub-com.....15152
Foard, J. H.....19596	Galbusera, S.....16869	Gockley, R. R.....18550	Gt. Brit. Min. of Agr. and Fisheries.....18978
Fogg, J. M.....15345	Galindo, P.....18031	Godbout, E.....16756	Gt. Brit. Min. of Food. Dehydration Div. Tech. Staff.....18833
Fogli, O.....15252	Gallina, L.....16732,16897	Goddard, C. A.....18696	Gt. Brit. Min. of Health... 15151
Fohrman, M. H.....15308	Galloway, F. A.....19431	Godfrey, G. H.....15429	Central Housing Advisory Com.....15152
Foister, C. E.....15483	Galloway, Z. L.....14819	Göbel, F.....17174	Gt. Brit. Min. of Town and Country Planning....15152
Foley, J. H.....15144	Gamble, R.....17774-5,18892	Göckenjan.....19533	Greaves, T.....17702
Folin, C. B.....16925	Ganci O., S.....18380	Goenaga, J. I.....15831	Green, E. E.....16048
Fontana, L.....18692	Gane, R.....18473	Goettel, O. F.....17518	Green, E. J.....17225
Forberg, M. J.....16039	García, R.....19508	Goffe, E. R.....17981	Green, G. W.....16899
Forbes, C. B.....18693	García de Diego, J.....19327	Goggin, F. J.....17381	Green, I. J.....15292
Forbush, K.....17517	García Gómez, D.....17870	Gohde, G.....16805	Greenhaw, C. R.....18626
Ford, T. F.....16260	García Romero, A.....15582	Goidanich, G.....15931	Greenhill, W. L.....18698
Ford Motor Co, Gard. Ed. Serv.....15272	Garcilaso, R. A.....19328-9	Golding, C.....16568	Gregg, R. E.....18082
Formston, C.....16785	Gardiner, G. F.....16045	Golding, N. S.....18575	Gregory, E.....15239
Fortas, A.....15311	Gardner, A.....17465	Goldschmidt, R. B.....17982, 18122	Grène, G.....16049
Fortin, G. N.....15889	Gardner, A. K.....19330	Goldsmith, S. F.....19235	Grensted, L. W.....17668
Fortner, J.....17171	Gardner, E. H.....15187	Gomes de Oliveira, C.15166	Gressitt, J. L.....17934-8
Poster, A. C.....18762	Gardner, R.....16433	Gomes e Sousa, A. de F.... 16047	Greve S., G.....18907-9,19836
Poster, A. O.....17636-7	Gargurevich, A.....19111	Gomez, A.....18625	Grew, E. S.....17703
Poster, G. B.....18831	Garner, F. H.....16870	Gomez, A. V.....17200	Griebel, C.....15583,16270
Poster, H. L.....16040	Garoglio, P. G.15176,19032	Gómez, C. A.....16578	Grierson, P. S.....17779
Poster, J. C., Jr....16731	Garola, J.....16195,16356	Gómez, J. J.....16951	Gries, G. A.....17905,19811
Poster, R. C.....15363	Garratt, G. A.....16656	Gómez, P.....19332	Griesbach, L.....16359
Poster, W. S.....18224	Garrett, S. D.....15517	Gómez Marzheimer, G.18976, 19432	Griffing, J. B.....19035
Poth.....19597	Garrido Lozier, O.18507-8	Gómez Marzheimer, G.18976, 19432	Griffiths, A.....18586
Fountain, F. C.....17066	Garrigus, W. P.....17067	Gómez Marzheimer, G.18976, 19432	Griffiths, J. D.....15131
Fourcroy, M.....15581	Garrison, O. S.....15772	Goncharenko, I.A.....18298	Griffiths, R. L.....19333
Fournet, E.....15062	Garstka, W. U.....16434	González, A.....16620	Grimes, W. E.....18434
Fowke, V.....19188	Gartrell, F. E.....18036	González, A. de J.....15832	Grisolia, E. H.....17276
Fox, H. M.....16041	Gasnier.....17497	González Fleites, F.16608	Griswold, R. E.....16050
France. Direction de l'Enseignement et des Recherches.....15232	Gasparin.....19486	González Rebollo, A.19034	Griener, V. S.....19036
Francesco, M.....16802,17115	Gatta, L. della.....16296	Gonzalez, C.....17777	Grivanov, K. P.....15229-30
Franciosa, L.15929,19023-5	Gatti, L.....18906	Good, G. H.....16995	Gross, D. L.....15754
Franco, C. M.....15428	Gaujal, G.....19162	Goodacre, W. A.....17778	Groves, A. B.....15970
Frank, A. H.....17537,17567	Gaume, A.....15738	Goodman, B.....15094-5	Grundy, J. H.....18030
Frank, P.....19598	Gaunt, A.....16567	Goodnight, C. J.....17874	Guatemala. Secretaría de Agricultura.....15214
Frankel, R.....16194	Gausson, H.....15323	Goodnight, F.....19770	Gubarev, E. M.....18419
Franquet, R.....15707	Gay, L. N.....17776	Goodnight, M. L.....17874	Gubareva, N. A.....18419
Fraps, R. M.....17567	Gayford, G. W.....17700	Goodwin, J. P.....16898	Gudme, S.....19334
Fraser, A.....17545	Gebien, H.....17933	Goodwin, N. J.15073,15075	Guenther, E.....19037-8
Fraser, H. M.....17772	Geddes, H. J.....16950	Gopinath, K.....19163	Guerio, G.....15932
Fraser, S.....19712	Geiger, W.....17116-17	Gorbacheva, A.....15587	Guérin, B.....18834
Fraser, W. P.....15273	Geigy, R.....18027	Gordon, G. E.....18608	Guerra Filho, D'A....19335
Frederick, S. R.....19405	Gelly, L.....19599	Gordon, M. D.....17382-5, 17555,18697	Guerrant, N. B.....19796
Free, M.....16312	Gelormini, N.....17871	Gordon, R. F.....17314-15	Guevara C., E.....19224
Freeman, A. F.....19059	Gemignani, E. M.....17701	Gordon, W. M.....18029	Guimarães, A. P.....19336
Freer, S.....17199	General Electric Co.15150	Gorrie, C. J. R.....16996-7	Guiraud, P.....18039
Fregola, C.....15930,19026	Generali, L.....19331	Gorton, E.....18454	Guittonneau, G.....18509
Frei, E.....15982	Ga. Agr. Expt. Sta.14967-8	Gosudarstvennaya Komissiya po Elektrifikatsii Rossii.....18390	Gunn, G. D.....19337
Freitas, H. de.....19678	Gerberg, E. J.....18029	Gottlieb, B.....19771	Gunn, C. I.....14986
Freitas, M. G.....17172	Gerdes, F. L.....18262	Gould, B.....17141	Gunter, E. P.....19679
Frémey, P.....15391	Gerhardt, F.....18843	Gould, G. N.....16998-9	Gunther, F. A.....15708
Frenguelli, B.....19027	Gerosa, G.....16803-4	Gourley, J. H.....16357	Gupte, D. J.....17035
Frese, P. F.....16042	Gerstel, D. U.....15607	Gouzon, B.....17125	Guptill, C. C.....19871
Frey, G.....17944	Gertsch, W. J.....17872	Gowder, M. T.....18226	Gurrieri, V.....16051
Frezzotti, G.19028-9,19062	Getz, V. L.....19165	Grabar, P.....17175	Guthrie, E. S.18577,18630
Friar, H. F.....18832	Gho Elizondo, S.....18959	Gradinaroff, L.....16197	Guthrie, J. A.....18422
Fried, I. A.....17313	Giannini Found.....19805	Graeber, R. W.....15090	Gutowska, M.....19083
Friend, R. B.....18119	Giannotti, O.....17715	Graham, H. A.....16952	Gutteridge, H. S.....17317
Fritsch, F. E.....15274	Gigena, F.....15773	Graham, J.....17830	Guzmán, D. C.....18227
Fritzsch, K.....16994	Gilbert, B. E.....15010	Graham, R.....17325	Guzmán, L. G.....17557
Frolik, E. F.....15771	Gilbey, C.....15238	Graham, S. A.....15563	Gwatkin, R.....17318
Fuchs, H.....16043	Gilchrist, G.....18695	Graham, W. D. M.....16764	Haak, P. J.....15058
Fuente, J. de la.....19743	Gildow, E. M.....17380	Grandjean, F.....17875	Haas, A. R. C.....15644
Fullaway, D. T.....15228	Giles, J. E.....16196	Graneli, G.....16806-7	Habaragoda, J.....16900
Fumagalli.....16896	Gilham, C. E.....19809	Grange, C.....17275	Haberly, M.....15056
Fundação Brasil Central... 15127	Gill, D. A.....17873	Grantham, J. B.....16646	Habermann, R. T.....17636-7
Funk, E. M.....17413	Gill, H. S.....19781	Gratz, L. O.....16358	Haddon, E.....19137-8
Furtado, A. da R.....15322	Gillespie, I. F.....17585	Grau, C. R.....17316	Häfliger, E.....17704
Gabby, J. L.....19031	Gillies, A. S.....18263	Grau, H.....15216	Hagander, H.....19121
Gabrielson, I. N.....15311	Gilman, V.....14819	Graves, H. S.....19835	
Gaddy, V. L.....16383	Giordano, G.....16607	Gray, J. M.....16436	
Gade, P.....15187	Girard, H.....18225	Gray, L. C.....14731	
Gadea P., H.....15807	Giridlian, J. N.....16046	Grayson, A. R.....17556	
	Girón Galván, H.....18763	Graziers' Assoc. of N. S. Wales.....17586	
	Giuseppe, P.....17173		



Item	Item	Item	Item
Hagerman, L. W.....16052	Harsh, G. F.....15324	Herreid, E. O.....18576	Hopper, W. C.....18437
Haggard, J. St. C....17466	Hart, C. P.....17391	Hershey, A. L.....14995	Hoppert, C. A.....16854
Hagie, F. O.....16438	Hart, G. H.....17552	Hertz, R.....17278	Hopson, G. H...17070,18265
Hahn, H.....16901	Hartard Ebert, M.....18852	Herviaux, J.....16236,18859	Hore, H. L.....16495
Haines, H. M.....17118	Hartel, H.....17319	Hesse, E.....19164	Hormay, A. L.....14851
Haislip, M. P.....16053	Hartman, E. A.....16411	Hesse, L. W.....15240	Horn, A.....19089
Hale, F.....17623	Hartmann.....18552	Hey, A.....17940	Horn, A. G.....16657
Hale, O.....16360	Hartogensis, H.....18381	Hickman, C. W.....17617	Horn, E. F.....18911
Haley, W. E.....17924	Hartwell, G.....16055	Hickman, V. V.....17876	Horne, C.....18702
Hall, F.....14738	Harvey, J. R.....19084	Hickok, W. H.....16679	Hornibrook, H. G.....18230
Hall, G.....17558	Harwood, L. W.....19433	Hicks, O. C.....16362	Horrell, E.....15096
Hall, J. T.....16631	Haskell, R. J.....14819	Hide, J. C.....14919,16363	Horsfall, J. G.15431,19811
Hall, M. D.....19772	Hasler, W. T., Jr....17320	Higgins, F. H.15775,18873	Horst, M.....19407
Hall, N.....19557	Hassan, S. R.....17003	Higgs, C.....17069,19467	Horton, D. C.....14760
Hall, N. M.....17413	Hasselbach, W. von...18435	Highberger, J. H.....15181	Horton, D. H.....18345
Hall, T. E.....19122	Hastings, W. R.....16056	Higley, M. L.....18939	Hosmer, R. S.....19840
Hall, W. L.....19838	Hatch Dairy Expt. Sta.	Hilbert, G. E.....19165	Hosterman, W. H.....18195
Hallauer, F. J.....16636	Farm.....14989	Hildebrandt, A. C.....15645	Hough, A. F.....15564
Halle, J.....15833	Hathaway, C. R.....17995	Hilditch, T. P.....19040	Houser, H. A.....16064
Haller, H. L.....17695	Hauton, R.....16871	Hill, D. C.....16764	Houston, B. R.15432,15487,
Hallgren, H.....17068	Havighorst, C. R.....18609	Hill, E.....16060	15555
Hallows, R. J.....17386	Hawaii-Agr. Expt. Sta.....	Hill, H.....16200	Houston, S. N.....18703-4
Hallows, V. C.....17387	14969	Hill, T. B.....16443	Hovanitz, W.....18125-6
Hambleton, J. I.....17780	Hawaii. Univ. Agr. Ext.	Hillman, F. H.....14887	Hoveland, N.....18266
Hambllyn, C. J.....16439	Serv.....15038-54	Hilmo, R. J.....17566	Howard, Sir A..16365,16525
Hamet, R.....15364	Hawley, W. W., Jr....18553	Himebaugh, K.....19602	Howard, A. L.....15648
Hamilton, C. H.....15129	Hawthorn, L. R.....16361	Hinchcliff, K..18325,18369	Howard, F. L.....15488
Hamilton, C. L.....18194	Hawthorne, J. R.....19076	Hindmarsh, P.....19603	Howard, Sir H.....15254
Hamilton, G. H.....15994	Haydak, M. H...17781,19774	Hinkle, J. G. E.....17099	Howell, G. C.....16809
Hamlin, H. M.....19600	Hayden, C. A.....18436	Hinsdale, E.....15646	Howell, J. P.....15131
Hammon, W. M.....18031-2	Hayes, J. M.....19339	Hinshaw, K.....17608	Howell, J. T.....15369
Hammonds, C.....15130	Hayes, R. A.....17695	Hinton, S. A.....16903	Howes, H...17228-9,17392-6
Hamner, A. L.....17939	Haygood, T. F.....19251	Hirt, W.....16201	Howes, P. G.....18083
Hamner, K. C.....15725	Haynes, J. D.....16538	Hitch, D.....15031	Howland, J. A.....18346
Hamptom, W. B.....15119	Hazanoff, A.....18765	Hitch, D. L.....18229	Howland, J. E..16065,17707
Hancock, E. E. I....16808	Hazelwood, C. E.....17519	Hitchner, L. S.....17705	Hoymann, W. G.15433-4,15489
Hancock, F.....14824	"Hazera" Assoc.....16199	Hoard, B.....15549	Hribar, L.....17469
Hancock, J. K.....18228	Headley, F. B.....14993	Hobbs, E. A.....18946	Hu, S. M. K.....18033
Hend, C.....19338,19713	Heath, A.....16494	Hochberg, M.....19788	Hubbard, J.....17832
Hend, C. H.....17000,19189	Heath, M. E.....16490	Hochberg, N.....15512	Hubbard, W. W.18766,19340,
Handley, W. P.....17831	Heath, O. V. S.....18343	Hochman, C.....18700	19487,19812
Hankins, O. G.....14730	Hebard, M.....18154	Hodgman, S. F. J....16785	Hubbert, S. W.....17833
Hammer, C. C.....15394	Heck, M. C.....17657	Hodgson, R. E.....15308	Hubert, G. A.....19605
Hanna, W. F.....19839	Hedges, M.....19165	Hodson, A. C.....15647	Huberty, M. R.....16288
Hannah, J. A.....19601	Hedlund, G. W.....18554	Hobler.....16364	Hudd, J. Y.....18595
Hansen, E.....17388	Heebink, B. G.....16706	Hoffman, Mrs. C.....16061	Huddleson, I. F.....16810
Hansen, H. V.....15808	Heeteby, P. T.....17467	Hoffman, C. S.....19436	Huffman, C. F..16789,16854
Hansen, R. S.....17389	Heighway, P.....18264	Hoffman, L. E.....19604	Huggins, C.....17119
Hansing, E. D.....15486	Heim de Balsac, H...19086	Hoffman, P. J.....19437	Hughes, E. H.....17611
Hanslow, H.....16440	Reinzelman, D. C....19059	Hoffmann, E.....17227,17631	Hughes, R. O.....14888
Hanson, A. M.....15584	Heisig, C. P.....18872	Hoflander, H.....15965	Huidobro, J. G.....16535
Hanson, L. S.....17604	Hellberg, A.....16757	Hofmann, A.....16584	Hull, F. M.....17984
Hanson, R. M.....17390	Helleday, T.....16759	Höberg, B.....15706	Hull, W. X.....16496
Hanson, A.....17001	Heller, V. G.....17544	Hogg, R.....18910	Hultz, F. S.....16733
Hardenberg, W.....18938	Hellinger, E.....15732	Hoglund, C. R...15013-16,	Humphreys, G.....15108
Hardgrove, D. T.....16054	Hellings, M. L.....16057	15018	Hunt, E. M.....15072,15983
Hardin, L. S.....19270-1	Hemming, F.....17669	Hohf, J. P.....16689	Hunt, R. A.....19149
Harding, S. T.....16441	Hemphill, P. V.....18468	Holbeche, J. A.....15966	Hunt, W. J.....18299,18347
Hardison, J. R.....15395	Henderson, B.....17606-7	Holbert, J. C.....17609	Hunter, J. E.....17279
Hardisty, H.....17277	Henderson, C.....19745	Holdaway, F. G.....17706	Hunter, W. N.....15091-2
Hardman, N. F.....18010	Henderson, L.....19225	Holden, H. F.....16872	Huntington, G. T....16066
Hardy, E.....18170	Henderson, M. R.....15366	Holderby, O. L.....18947	Hurd, M. P.....18055
Hardy, G. A.....15365	Henderson, V. E.....17926	Holland, A.....16062	Huriez, H.....18859
Hardy, W. J.....16902	Henderson, W. F.....18124	Holland, C. A.....16202	Hurst, F. J....15776,19226
Hare, H. R.....19509	Hendricks, S. B.....15675	Hollatz, R.....17191	Hurwitz, S.....16203
Haring.....17655-6	Hendrix, W. E.....14967	Holley, W. D.....16063	Husain, M. A.....15656
Haring, C. M.....17002	Henkel, L. R.....19434	Hollinger, E. C.....14819	Huss, Mrs. F.....16067
Harmon, E. M...18551,19773	Hennig, K.....18510	Hollstein, D.....17610	Hutcheson, T. B.....15835
Harmon, G. E.....17605	Hennig, W.....19714	Holm, G. E.....15308,18627	Hutchieson, J. A.....17783
Harper, H. J.....16402	Henny, R.....15367	Holman, A. T.....14819	Hutchins, A. E.....15071
Harper, S. O.....16442	Henry, C. A.....17468	Holman, H. H.....17006	Hutchinson, G. E...18058,
Harrel, C. G.....18871	Henry, G.....15086	Holman, R. L.....18474	19841
Harrington, C. L....15739	Henry, M.....17201	Holmes, E. S.....15024	Hutchinson, J..16445,17587
Harrington, J. A....17226	Hensley, H. J.....17004	Holmes, G. A.....15834	Hutson, J. B.....19341
Harrington, J. B....15774	Hepworth, M.....15056	Holmquist, N.....18344	Hutson, P. D.....18705
Harrington, L.....18764	Herbert, H.....19435	Holubinsky, I. M....15585	Hutt, W. H.....18488
Harrington, W. C....15067,	Herman, C. M.....17983	Honey, E. E.....15536	Huttar, J. C.....17397
18341	Herman, H. A.....17005	Hooper, J. A.....19406	Hutton, J....17230-3,17398
Harris, J. R.....14971	Hermann, F. J.....15368	Hooper, O.....19558	Hutton, S. B.....16068
Harris, J. W.....19744	Hernández, E.....17782	Hoover, M. D.....16444	Hyler, J. E.....16637
Harris, M. D.....14731	Hernández, A., E.....19039	Hoover, S. R.....19116	Hynard, F. C.....19467
Harrison, G. J.....18699	Hernandez Robredo, L.16534	Hope, C. R.....19398	Hyre, E. M.....17399
Harrison, L.....18342	Herold, R.....16058-9	Hopley, M.....18701	Hyrenius, H.....19865



Item	Item	Item	Item
Armizin, D. 15777	Jackson, J. W. 16904	Jong, C. de 17920	Khuen, E. C. 17122
Ickes, H. L. 15311	Jacob, K. C. 18835, 19166	Jonker, F. P. 15380	Kidson, E. B. 16523
Idaho. Agr. Col. Ext.	Jacobsen, D. H. 18270	Jordaan, J. J. 19843-4	Kik, M. C. 18272, 19780
Serv. 15055-6	Jacobson, K. 17470	Jordan, E. O. 15309	Killian, C. 16320
Idaho. Agr. Expt. Sta. 14970	Jacobson, W. 19046	Jordan, W. 17235	Kilmister, L. M. 18383
Idlovera, O. 17100	Jacques, E. 18404	Joret, G. 16207	Kimber, J. E. 17406
Idnani, J. A. 17003	Jaeger, Mrs. A. 16069	Jorge, F. 18556	King, C. C. 19784
Ielpo, J. B. 17784	Jahn, E. C. 16694	Jorgensen, S. I. 18575	King, C. H. 17283
Ihsen, G. 17941	James, D. M. 18819	Jourdan, F. 17121	King, J. A. 19139
Il'in, G. S. 19794	James, R. S. 17234	Jovet, P. 15370-1	King, W. J. 19131
Il'in, S. 16366	James, W. T. 17120	Jovet-Ast, S. 15586	Kinghorne, J. W. 19088
Il'ina, E. A. 19775	Jamieson, C. A. 17786-7	Joy, E. 14919	Kingman, J. J. 15311
Ill. Agr. Expt. Sta. 14971-4	Janike, E. W. 15754	Judy, W. 15218	Kinnard, V. 19167
Imper, A. D. 19488-9	Jannone, G. 17709, 17942	Jull, M. A. 17280-1	Kircher, J. C. 16609
Imperator, F. 17007	Jaramillo, R. 15933	Kaempfe 18348	Kiriakov, K. P. 15781
Imperial Agr. Bur. 19813	Jarl, F. 16758-9, 16953	Kahle, H. S. 19408	Kirk, C. 18196
Imperial Col. of Trop. Agr., St. Augustine, Trinidad. 19814	Jasper, D. E. 17044	Kahmer, J. 16569	Kirk, J. H. 19227
Imperial Mycol. Inst., Kew. 15275, 15550	Jasperson, H. 19040	Kahn, F. 19778	Kirkpatrick, E. A. 17284
Implement & Tractor. 15153	Jaureguiberry, M. 19342	Kahn, S. H. 16658	Kirsch, W. 17624
India. Dept. of Com. Intel. and Statis. 18475	Javillier, M. 16367	Kahn, D. N. E. 16597	Kiskey, F. 17473
Indian Central Cotton Com. 18706	Jayne, S. P. 17471	Kaiser, W. G. 18314	Klapp, E. 15278
Indian Central Jute Com. 18263	Jenkins, A. E. 15396-7	Kalden, J. 17150-1	Klaus, H. 19609
Indian Geog. Soc. 18384, 19872	Jenness, R. 18576, 18629	Kalmbach, E. R. 19817	Kleeman 18650
Ind. Agr. Expt. Sta. 14975-9	Jensen, J. H. 14990	Kaminskii, A. E. 15154	Kleiber, M. 16789, 16988
Ind. (Purdue) Univ. Agr. Expt. Sta. 14893	Jesness, O. B. 19399, 19438	Kane, J. H. 18649	Klein, G. T. 15066-8
Ind. (Purdue) Univ. Agr. Ext. Serv. 15057	Jeter, F. H. 16944	Kans. Agr. Expt. Sta. 14980-1	Klein, J. 15968
Ind. State Dairy Assoc. 18555	Jettner, K. 16498	Kans. Engin. Expt. Sta. 18251	Kleiner, P. 15325, 16072
Ingegno, A. P. 18417	Jewett, S. L. 15880	Kans. Poultry Impr. Assoc. 19874	Klinge, G. 19534, 19746
Ingham, A. G. 17008	Jimenez, M. 16205	Kapadia, G. A. 15372	Klotz, L. J. 15540
Inglis, J. 18269, 18596	Joachim, A. W. R. 18796	Kaplan, A. R. 18231	Kluender, W. A. 16709
Ingram, J. W. 17924	Joglar-Rodríguez, F. 15881, 17710	Kapp, L. C. 14962	Knapp, H. B. 19610
Ingram, T. R. 19184	Johann, H. 15490	Karling, J. S. 15398	Kneen, T. H. 18853
Ingvalson, K. W. 14804, 14819	Johansson, I. 17009, 17202, 19842	Karpinsky, V. 19208	Kniazkov, P. D. 15609
Innes, Speiden & Co. 15177	John, C. M. 18800, 18836, 19777	Karsten 16812, 17010	Knight, G. C. 17123
Insko, W. M., Jr. 15058	John, W. W. 16446	Karunaratne, C. R. 18271	Knipling, E. F. 18035
Institut des Fruits et Agrumes Coloniaux. 18767, 19707, 19873	Johnen, F. J. 17176	Kascher, H. M. 19779	Knjaskoff, P. See Kniazkov, P. D.
Instituto Agrario Argentino. 19815	Johns, C. K. 19087	Katson, B. J. 17877	Knott, O. 17236
Inter-American Conf. on Agr., 3d, Caracas, 1945. 15307-8	Johnson, E. 15649, 18405	Katz, A. 16412	Knoves, E. 15086
International Cotton Adv. Com. 15178	Johnson, E. G. 18326	Kauffman, H. H. 17072	Knox, J. H. 15731, 17073
International Labour Off. 19190	Johnson, E. H. 18912	Kaufman, F. D. 17403	Koch, C. 17944-5
Iowa Crop and Livestock Rptg. Serv. 15119	Johnson, E. P. 17322	Kaufmann, R. R. U. 17943	Koch, D. E. V. 17713
Iowa. Dept. of Agr. Div. of Agr. Statis. 15119	Johnson, F. W. 15311	Kaupp, B. F. 17404	Koch, H. 19611
Irons, E. W. 17854	Johnson, G. B. 19343	Kaura, R. L. 17324	Kock, A. A. de 18273
Isaeva, E. 18511	Johnson, J. W. 16499	Kazakevich, L. I. 15276-7	Kock, W. A. 19089
Isbell, C. L. 16204	Johnson, L. 16905	Kazaski, Kh. 15863	Köbe, K. 17638
Issouribehere, P. S. 19815	Johnson, L. A. 15085	Kazmann, R. G. 14964	Koehler, A. 14837
Ivanhov, P. 19606	Johnson, L. H. 17788	Kedrov, V. 16906	Koehler, B. 14974
Iverson, C. A. 18628	Johnson, M. B. 15020	Kehrberg, E. 17472	Koester, W. F. 17152
Ives, W. 19191	Johnson, O. 18382	Kehren 16873	Koger, M. 17073
Ivie, W. 17861	Johnson, R. E. 19745	Keller 16071	Kohls, G. M. 17854
Iyengar, C. R. S. 15778	Johnson, T. J. 17203	Keller, B. 15608	Koll, J. 19272, 19344
Iyer, M. A. B. 15836	Johnston, C. I. 18423	Keller, B. A. 19845	Koller, E. F. 15183, 18557
Iyer, S. G. 17321	Johnston, F. J. 16206	Keller, L. L. 15104	Koller, R. 17011
Iyer, T. V. A. 15779	Johnston, J. B. 16955	Kelley, J. B. 15058	Kollmorgen, W. M. 19612
Izaak Walton League of Amer. 15311	Johnston, J. R. 16289	Kellogg, R. S. 16695	Kondo, V. C. 16155
Izmailov, N. A. 19776	Johnston, M. G. 17401-2	Kelly, E. A. 17834	Foo, S. Y. 16239
Izzard, C. F. 16497	Johnston, W. I. 16155	Kelly, V. M. 14806	Foonce, D. 14966
Jackson, H. C. 15111, 17071	Johnston, W. R. 16206	Kemp, H. K. 15491	Forneev, N. 16843
Jackson, J. R. F. 18701	Jolly, G. S. 18805	Kempster, E. L. 17413	Koroleva, V. 16843
	Jones, A. F. 17142	Kendall, R. G. 15300	Kosin, I. 17317
	Jones, B. 16500	Kenna, E. D. 19559	Kostichenko, I. 15651
	Jones, B. J. 15033	Kennan, D. P. 17712	Kostoff, D. See Kostov, D.
	Jones, D. F. 19816	Kennard, D. C. 17282	Kostov, D. 15279, 15587-8, 15652, 15709
	Jones, D. L. 15022	Kennedy, E. E. 19409	Kothavalla, Z. R. 18582, 19781
	Jones, E. 19374	Kennedy, N. F. 18874	Koverga, A. 15653
	Jones, H. A. 15578	Kennerly, A. B. 17405	Kramer 19535
	Jones, J. P. 16308	Kenney, R. 15837	Kraemer, E. A. 19020
	Jones, J. R. 18913	Kent, O. St. J. 18583	Kramer, F. J. 17474, 17520
	Jones, J. W. 15780	Ky. Agr. Col. Ext. Serv. 15058-9	Kramer, M. 15552
	Jones, L. B. 18586	Kerlin, D. L. 17325	Krantz, B. A. 16369
	Jones, L. I. 19607	Kernan, H. S. 16585	Krasko, L. 19112, 19565
	Jones, M. P. 14819	Kerr, L. J. 15838	Erasniuk, A. A. 15280
	Jones, R. C. 14819, 15513, 15650	Kershaw, C. J. 16501	Krauch, H. 16726
	Jones, R. E. 17323	Keulegan, G. H. 16502	Krauss, N. L. H. 15228, 17670, 18181
	Jones, R. J. 16368	Keyfitz, N. 19866	Krebs, W. J. 16610
	Jones, R. W. 16070	Khristov, A. 15492, 15551	Krenn, K. 16628
	Jones, R. W., III. 18034		Krenzin, K. L. 16363
	Jones, S. 16647		Kretovich, V. L. 19041-2
			Kringold, D. B. 16448
			Krishnamurthy, K. V. 15596



	Item
Krishnan, T. S.....	19090-1
Krishnan, T. V. V.....	18140
Krishnaswami, V.....	16546
Krishnaswamy, V.....	16334
Krober, O. A.....	19043

	Item
Krone, R. H.....	14837
Krüger, E.....	16813
Kruif, P. de.....	19782
Krukovsky, V. N.....	18577,
	18630

	Item
Kruse, C. W.....	18036
Kruzhilin, A. S.....	15281
Künanz.....	15740
Kulik, M.....	18300
Kullman, N. E., Jr...	19613
Kunkel, R. W.....	15183

	Item
Kuriyan, G.....	18384
Kursanov, A.....	15654, 18511
Kurtenacker, R. S....	16672
Kutish, F. A.....	19400
Kvashnina, E.....	16843
Kylasam, M. S.....	18178



Item	Item	Item	Item
Labarthe, C. A.....16907	Leigh, N. K.....18631	Lochry, H. R.....18638	McCorry, S. A.....17719
Labor Res. Assoc.....19345	Leighton, M. L.....17639	Locke, J. M.....18713	McCulloch, W. E.....19747
Laborey, F.....15655	Leighty, W. J.....14893	Lockley, R. M.....19681	McCullough, D.....19351
Lacey, J. J.....15028,17588, 17625,19490	Leinbach, F. H.....16957	Lodge, C...17329,17410-11, 18350	McCune, W. E.....15024
Lacey, M. S.....15702	Leistokow.....19346	Loegering, W. Q.....14794	McDaniel, R.....16909
Lackland, S. B.....17285, 18349	Leloup, D.....18914	Lofthus, O. M.....17717	McDiarmid, A.....17006
Lacroix, J. V.....16814	Lembke, A.....18420	Lohman, P. H.....19194	Macdonald, A. J.....17288-9
Lacy, W. S., Jr.....18476	Lemmon, R. S.....16076	Loiseau, J.....15283	McDonald, C. C.....16506
Ladd, J. E.....16956	Lemne, L.....19237	Lokemoen, T.....16716	McDonald, M. P.....16374
Lafon, M.....17671	Lemoyne, S.....15694,15710	Lombardini, G.....17879-81	McDonald, W. J. B....19352
Lagerlöf, N.....17012,17074	Lenert, L. G.....18037	Long, P. M.....16081	McDunnough, J.....18129
Lake, O.....19614	Lenfant, J.....15969	Longenecker, H. E....19021	Macedo, L. R. T. de..17331
Lakshmikantham, M.....15875	Lennard, R.....16571	Longley, E. O.....17123	McFadden, J. H.....18716
Lal, K. B.....15656	Lennox, C. G.....18438	Longley, W. V.....19348	McFarland, J. H.....16085
Lamb, G. N.....16680	Lenoir, E.....15060	Longwell, J. H.....18875	Macfarlane, J.....16063
Lamb, L. W.....17075	Lensi, M.....15179	Loperfido, L.....16817	McGill, J. J.....18065
Lamond, H. G.....17204	Lent, H.....18059,18068	López, E. D.....15255	MacGregor, J. J.....19276
Lamont, T. E.....19491	Lentz, R. W.....17640	López, H.....15180,19169	MacGregor, J. M.....16322
Lamontagne, Y.....19192	Lenz, A. T.....16449,16504	Lopez Mansilla, E. E..... 18061	McGregor, W. A.....18917
Lampitt, L. H.....19783	Lenz, W.....19560	Lord, C.....18685	Machado, A. de O....18717, 19229
Lampman, C. E.....15055	Leonard, H. R.....17153	Lord, C. M.....15346	Machado, C. D.....16619
Lancum, F. H.....19818	Leonard, H. S.....16077	Lorković, Z.....18128	Machado, D. P.....19549
Landa, L.....19168	Lepage, H. S.....17715	Losada Linisteva, B..18062	Machado, L.....19252
Landes, C. G.....16696	Lepesme, P.....15399-400	Losky, R. F.....18351	Machado, O.....17882
Lane, M. D.....16074	Lepigre, A. L.....17716	Loubiere, A.....15327-30	McHardy, D. N.....18252, 18301
Lanfranchi, A.....16856	Le Roux, J. C..15560,19044	Loughead, M. E.....14809, 14819	McIlhenny, E. A.....15295
Lang, A. L.....16370	Leroy.....17497	Loui, D.....19349	McIlvaine, F. E.....16086
Lang, F. H.....16632	Leroy, A. M.....17626	La. Agr. Col. Ext. Div.... 15060-2	MacIndoe, S. L.....19848-9
Lang, H. K.....18371	Lesser, M. A...17714,19785	La. Agr. Expt. Sta...15780	McInroy, E. W.....15528
Lang, W. J.....15326	Lester, O.....18711	Love, R. M.....15033	McIntosh, R. A.....16958
Lang, W. R....18127,18709	Lestrem, A.....17326-7	Love, S. K.....16298	McIntyre, C. W.....14989
Lang, W. W.....17177	Letelier, E.....15741	Lowdermilk, W. C....16505	McIntyre, J. E.....16527
Langwill, K. E.....19784	Leucos.....16271	Lowe, C. D.....14819	McIver, J.....15091-2
La Pine, L. J.....19123-4	Leukel, R. W.....15495	Lowe, C. G.....16638	McKenna, P. J.....16087
Large, E. C.....15493	Leuschner, F. H.....17407	Lowe, C. W.....19839	Mackenzie, F. B.....17332
Largia, E. T.....19815	Leuthold, A.....17178	Lowe, C. G.....16638	McKenzie, M. A.....15498
Laresh, H. W.....15435	Levadoux, L.....18060	Lowell, G. F.....17476	McKerihan, C. R.....16760
Larson, G.....19615	Levi, M. L.....16815	Loyd, A. K....18794,18815	Mackie, C.....16825
Larson, L. S.....18651	Levinson, S. O.....16816	Lubrano, J.....16818	McKinney, R. H.....19046
Larsson, E. L.....17076	Levring, T.....15392	Lucchetti, E.....19786	McLaughlin, G. D....15181
Larue, P.....15494,17077	Levy, F.....16078-9	Ludwig.....19682	McLean, J. H.....18876
Lasley, J. F.....16735	Lewinsohn, R.....18512, 19715-16	Luebke, B. H.....15020	McLean, L. T.....17290
Lassalle, L. J.....18197	Lewis, B. E.....19193	Lugeon, A. R...15971,16539	MacLeod, G.....19784
Laszlo, F.....17013	Lewis, F. H.....15970	Luigi, R. See Rossi, L.	McLester, R. L.....17789
Latham, E. E.....15012	Lewis, H. G.....16321	Lundegardh, H.....15658	McMasters, M. M.....19165
Lathrop, E. C.....14755	Lewis, M. S.....16080	Lunt, H. A.....16371	McMillan, G.....17078
Latimer, W. J.....16313	Ley, I.....17408	Luntz, H. J.....16372	McMillan, R. B.....19353
Latin Amer. Econ. Inst.... 19729	Li, F.....15766	Lusk, R. D.....16450	McNab, J.....15742
Laurie, A.....16297	Libes, R.....15903	Lustig, M.....16734	McNall, P. E.....14900
Lavollay, J.....15241	Liebenberg, C.....16248	Lutes, E.....19619	McNeely, M.....15782,19354
Lawrence, A. O.....16633	Liebermann, J.....18155-6	Luz Filho, F.....19170	Macneil, A.....16088
Lawrence, J. D.....19680	Liebers, O. H.....16908	Lyman, Mrs. W. P....16082	McNeil, C.....19683
Lawrence, W. J. C...15553, 16208,16521,16554-5	Lightfoot, E. A.....19592	Lynch, D. F. J.....18714	McQuown, R....14758,14763
Lawritson, M. N.....15754	Lightfoot, G.....19863	Lynde, L. A.....14819	McRae, B.....18632
Lawson, J. I.....19616	Likerman, E.....17328	Lyon, A. V.....19511	McShane, R. W.....15841
Lawton, K.....16337	Likerman, J. E.....18915	Lyon, F. J.....17330	MacSwain, J. W.....17947-8
Layman, J. C.....19617	Lilly, J. H.....15112	Maag.....18064	McVeigh, I.....19765
Leach, C. W.....15436	Lima, Peru, Estación Ex- perimental Agrícola de La Molina.....16181	Maberly, T. E.....18352	Madueño Box, M.....15659
Leagans, J. P.....14807	Limbert, L.....15839	McAllister, D. M.....19620	Mager, J.....18186
Leahy, J.....18710	Lincoln, R. M.....15030	McAllister, J. E.....19620	Magers, Mrs.....16089
Leahy, J. G.....16586	Lincoln, W. B.....16697	Macaulay, J. W.....15231	Magers, A.....16090
Leask, D. M. R.....19273	Lindsey, K. J.....17070	McAuliffe, W. S....18916, 18977	Magers, Mrs. H. P....16091
LeBarron, R. K.....15657, 16611	Line, N.....18385	McCall, R. J.....18232	Magistretti, G.....18066
Lebrun, E. J...15009,18274	Linsley, E. G....17946-7, 18145	McCallum, Mrs. A. E..... 19718	Magrou, J.....15660
Lechaptis, J.....16526	Lippai, Z.....19347	McCamus, R.....15840	Maheshwari, P..15589,19819
Leclerc, H.....15282	Lippincott, T.....17475	McCann, Sir C.....15373, 18715	Maine, Agr. Col. Ext. Serv.....15063-5
Leddet, P.....19140	Lisitayna, M. I.....15496	McCarthy, J. L.....18422	Maine, Agr. Expt. Sta.... 14983-5
Leder, W.....16075	Littauer, F.....15497	McChesney, A. J.....14758	Maine, State Nutr. Com.... 15064
Lee, A. M.....17570	Little, J. M.....18712	McClymonds, A. E....14919	Maiocco, F.....17499,17521
Leech, J. H.....15311	Little, S.....16634	McClymont, G. L....17054, 17287	Majumdar, B. N.....17014, 19787
Lees, A. B.....18275-6	Litvinova, N.....17543	MacColl, E. D.....18948, 19274-5	Malaise, R.....18084
Leffert, H.....19439	Liu, M. C.....15805	McConnell, J. A.....19350	Malanga, C.....17345
Leffingwell, G.....17714	Livingston, J. C.....16681	McCornack, R. C.....17985	Malcolm, J.....15239
Lefroy, J.....19618	Livingston, J. E....14990, 15495		Malcomess, H.....18718
Legett, A. A.....16570	Llamazares, J.....19510		Malezieux, R.....19621
Legwen, W. A.....18037	Lloyd, E. W....15219,18965		
Lehrman, H.....19440			



Item	Item	Item	Item
Malone, C. C.....14819	Mattil, K. F.....19021	Meucci, C.....17559	Mo. Poultry Impr. Assoc....17413
Malterre, H.....16207	Mattingley, G. H.....18372	Mexico. Instituto de	Mo. (State). Dept. of
Mancia, G. B. C.....16819	Maugini, A.....19198,19358, 19513-16,19850	Salubridad y Enfermedades Tropicales.....18005	Agr.....18489
Mandel, S.....17186-8	Mauldin, H. E., Jr.....19277, 19623	Meyer, E.....15310	Mitchell, C.....18837
Mander, L. A.....19536	Maume, L.....15711	Meyer, F.....19125	Mitchell, H. L.....14977, 16684
Maness, H.....18768	Maupas, A.....15783	Meyer, H.....16528	Mitchell, T.....18373
Manetti, C.....18406,19195, 19355-6	Mavromoustakis, G. A.....18086	Meyer, H. R.....16687-8	Mitton, R. L.....17560
Mangano, G.....18719	Maxcy, K. F.....17854	Meyer, J. R.....16094	Mix, A. J.....15443
Manget, D. T., Jr.....18720	Maxwell, C. S.....16696	Meyer in der Stroth.....19537, 19625-6	Mocquot, G.....18509
Mango, A.....18769	May, C.....15439	Mhatre, J. R.....15401	Moeller, S.....15447,15504
Mengold, W.....19047	May, J.....18302	Michel, K.....19278	Moffett, G. M.....18407
Mangus, A. R.....19622	Mayer, D. T.....16735	Michelbacher, A. E.....17960	Mohammed, M. E.....19720
Manitoba Co-op. Poultry Mktg. Assoc., Ltd.....19092	Mayer, E. S.....15222	Michener, C. K.....19748	Moirano, A. A.....18386
Manley, R. O. B.....17790	Mayer, K.....17124	Mich. State Planning Comm. Forest Prod. Res. Com.....15256	Moise, H.....17414
Mantel, W.....16612-13	Maymone, B.....18918	Mickle, W. M.....19093	Moldenke, H. N.....15347
Mapson, L. W.....18473,18847	Mayo, N. S.....16822	Middle Amer. Inform. Bur.. 15182	Molina, A. S.....17642
Marassi, A.....18721,19196	Mayr, E.....17986	Midwest Hort. Soc.....16048	Moll, R.....19201
Marchesani, I.....17179	Maza, D.C. de la.....15842	Miege, E.....16762	Momchilov, I.....18878
Marchionatto, J. B.....15499	Mazhrakov, P.....19864	Mila, L.....16763,18158	Monachino, J.....15376-7
Marcucci, G. B.....15590, 15661,15931	Mazzolani, G.....15591-2, 15934	Milbrath, J. A.....15557	Monahan, B.....17335
Marduel, H.....17121	Mazzoni, G.....15784	Milburn, V. S.....19245	Mont. Forest Lands. Adv. Comm.....15257
Margabandhu, V.....18111	Mead, S. W.....16881	Mileff, D. P. See Milev, D. P.	Monte, O.....18067,18133
Margolf, P. H.....17291	Meadows, W. R.....18723	Miles, C.....16615	Montefredine, A.....19054-7
Mariani, F.....19048	Meaker, R. D.....18805	Miles, F. L.....19361	Montfort, F. T.....15024
Mariani, M.....19049	Meanwell, L. J.....18597	Milev, D. P.....15712	Montgomery, C. M.....17140
Marilli, O.....17720	Mears, E. G.....19199	Miley, D. G.....18278	Montgomery, D.....15187
Marin, L.....15973	Medda, A.....17181	Milhan, M.....19627	Montgomery, H. B. S.....15535
Marín B., R.....17079	Médici, M.....17793,17835	Miller, E. H., Jr.....15565	Montúfar S., J.....16452
Marini, J. A.....16820	Medina, G.....16761	Miller, E. V.....19518	Moon, H. H.....15704
Marinucci, M.....15917, 19441	Medina, M. de.....16451	Miller, E. I.....14819	Moore, A. C.....17241, 17415-17,17886,18353
Mariottini, M. M.....19357	Meek, M. W.....17477	Miller, E. V.....19518	Moore, E. B.....16634
Marques, J. de O.....19512	Meenakshisundaram, K..... 16212	Miller, H. I.....14819	Moore, F. E.....17418
Marquesto, A. B.....19476	Megaw, J. W. D.....17883	Miller, J. C.....16290,16736	Moore, J. A.....18010
Marriage, K.....16092-3	Meler.....15974	Miller, L. F.....15713	Moore, L. D.....18038
Marschner, F. J.....14758	Meler, J. L., Jr.....14844-5	Miller, L. W.....17723	Moore, M.....17419
Marsden, S. J.....14781	Meisner.....16329,18198, 19443	Miller, M. D.....19200	Moore, M. P.....19202
Marsh, H.....17572	Mejía Robledo, A.....19624	Miller, M. L.....18315	Moore, P.....15055,17420
Marsh, J. F.....19050	Melass, V. H.....17339	Miller, M. W.....17293	Moore, R. E.....17495
Marshall, J.....18085,18130	Melchers, L. E.....15486, 15500	Miller, P. W.....15440	Moore, T.....16825
Marsico, D. F.....19051	Meldrum, H. R.....16337	Miller, R. F.....17552	Moore, W. B.....18724
Martelli, G. M.....17721	Mello, A. T. de.....15935	Miller, R. W.....19686	Morales, F. G.....15444
Martens, P.....15876	Mello, J. C.....19719	Millot, R.....16675	Moran, W. J.....14938
Martin, E. R.....17791	Mello, J. E.....19444	Mills, E. M.....15441	Morán Silva, A.....16095
Martin, G. L.....18439	Mello, M. J. de.....16823	Mills, W. H.....18877	Moras Th., M. de.....16376
Martin, J. P.....15056	Mello, P. S.....16375,18513	Milne, A.....17885	Morehead, F. T.....15258
Martin, J. W.....18251	Mello-Leitão, C. de.....17884	Milne, F. B.....19445	Moreira, M. A.....16911
Martin, K.....18131	Melnick, D.....19788	Milovanich, M.....19094	Morel, M.....19789
Martin, M. C.....17292	Melo, A. B. de.....19517	Milzer, A.....16816	Moreno, J. J.....17589
Martinez, F.....19442	Melo, M. S.....19053	Mims, E. M.....18171	Moreno Bonilla, J. C..... 17794
Martínez, M.....16959,17015	Melville-Ness, T. R.....18327	Minaker, W. L.....16499	Moreschini, T.....18516, 19519
Martínez de Alba, E.....19197	Mendes, A.....19114	Miner, M. L.....17334	Moret.....15957
Martínez Zaporta, M.....15438	Mendes, J. E. T.....18515, 19550	Minett, F. C.....16824	Morettini, A.....15664-9, 15917,15936
Martino, M. di.....17180	Méndez, R. O.....18801	Minges, P. A.....16213	Morgan, B. E.....17016
Md. Comm. of State For- ests and Parks.....16717	Mendoza Olgún, S.....19231	Minneman, P. G.....18771	Morgan, F. T.....16453
Mas Guindal, J.....16249	Menezes, B. de.....19115	Minn. Agr. Expt. Sta..... 14794	Morgan, J. H.....18024
Mashtakov, S. M.....15662	Menezes, R. B. de.....19684	Minn. Resources Comm.....15132	Morgan, J. H.....18024
Mason, H.....14992	Menusan, H. J., Jr.....17685, 17722	Minn. Univ. Agr. Ext. Div.....15070-8	Morgan, T.....16096
Mason, H. L.....15374	Menzani, C.....17333	Dept. of Agr.....15183	Morgan, W. E.....17479
Mass. Agr. Expt. Sta.....14986	Menzel.....18919	Mintz, G.....15663	Morin, G.....17125
Mass. State Col. Ext. Serv.....15066-9	Merchant, C. H.....14983	Minucci del Rosso, S..... 15743,16676	Morison, D. L.....17836
Food Technol. Dept..... 14809,14956	Mercker, A. E.....18770	Minut, J.....18579	Moriya, K.....17950
Massari.....19230	Merendi, A.....16614	Minz, G.....15442,15451, 15501-2,15510-11	Morón, M.....15864
Massey, G. F.....18233	Merens Montes, R.....17641	Miranda, A.....19362	Morris, D. J.....16912,18279, 18303-4
Massey, R.....17205	Merrill, G. G.....17143	Miranda, H. S.....15785	Morris, E. S.....16826
Massironi, G.....16821	Merriman, J. B.....17412	Mirov, N. T.....15744	Morris, G. E.....18189
Masterman, N. K.....18277	Mertz, L. M.....17154	Mirskafa, L.....16910	Morris, J. J.....18556
Matarrese, G.....19052	Mesa Carrión, F.....17987, 18157	Misra, S. C.....15724	Morris, L.....17294
Mather, K.....16209-11	Meschini, C.....18949	Miss. Agr. Expt. Sta..... 14987-8	Morris, L. L.....18838
Mather, W. H.....18722	Meschig, J.....17949	Miss. State Col. Ext. Serv.....15079	Morrie, W. E.....15073,15075
Matheson, C.....18132	Metcalf, W.....18199	Mo. Agr. Expt. Sta.....14989, 15780	Morrish, R. H.....16507
Mathis, M.....17792	Methling, R.....19359,19685		Morrison, B. Y.....16097
Matlock, R. L.....15031	Metz, A. E.....17478		Morrison, F. B.....16960
Matthys, J.....18596	Metz, J. W.....17237-9		Morrison, S. E.....17080
Matthou, T.....15375			Morrissey.....17795
Matthysse, J. G.....17738			Morse, E. E.....15402



Item	Item	Item	Item
Morse, S. F.....15331	National Farm Radio	New South Wales. Dept. of	Northern Ireland. Min.
Morton, T. F.....16454	Forum, Canada.....19628	Agr.	of Agr.....16530
Moscip, J.....18806	National Fert. Assoc.16377	Div. of Mktg. and Agr.	Northrup, M. A.....17126
Mosher, A. T.....15133	National Inst. for Res.	Econ.....18950	Norton, A. J.....16686
Mosher, M. L.....14972,	in Dairying, Reading,	Ent. Branch.....17725	Norton, J. B. S.....16103
19474	Eng.....18633	N. Y. Bd. of Trade, Inc.	Norton, L. J.....14973
Moskovskaja Ordena Lenina	National Inst. of Agr.	Textile Sect.....15187	Nouvel de Kerangue, S.15715
Sel'skokhoziaistvennaia	Engl.....18280,18305	N. Y. (Cornell) Agr. Col..	Nova Scotia. Dept. of
Akademiia imenu K. A.	National Joint Com. on	18421,19491	Agr.....16808
Timiriázeva.....15496	Nitrogen Util.....15691	Dept. of Agr. Econ.18810	Novelo F., E.....16274
Mosnat, H. R.....16098	Com. on the use of	Ext. Serv.....15086-9	Novelo Franco, E.....16874
Moss, R.....18172	Fert. in the Prod. of	N. Y. (Cornell) Agr.	Novikov, V. A.....15672
Motley, W. A.....15843	Grass Seed in the	Expt. Sta.....14999-15004	Noyola V., J. F.....18469
Mottram, W. R.....19820	South. Great Plains....	N. Y. (State) Dept. of	Nunn, F.....16587
Motzok, I.....16784	16378	Agr. and Markets....17421	Nussag, W.....16827
Moulder, P. V.....17119	Subcom. on Green Manures,	N. Y. (State) Dept. of	Nutman, P. S.....15673
Moule, G. R....17561,17873	Cover Crops, and Crop	Taxation and Finance.....	Nystrom, A. B.....14819
Mountain, J. W.....15311	Residues.....16379	19253	
Moxon, A. L.....17566	Subcom. on Nitrogen	N. Y. State Emergency	Obando, N.....19724
Mozambique. Repartição	Util. on Haylands and	Food Comm.....15244	Öberg, S. F.....18408
Técnica de Estatística...	Pastures.....16380	New Zealand. Census and	Oberholtzer, J. W...19270,
19721	National Joint Indus.	Statis. Dept.....19553	19279
Mudaliar, S. V.....17336	Council for the Flour	New Zealand. Dept. of	Obertreis.....19370
Mudaliar, V. T. S.....16961	Milling Indus.....18281	Agr.....16439,19365	Obregon, G.....15788
Müller, J. F.....15264	National Lime Assoc.16544	New Zealand. Milk Comm....	O'Brien, R. E.....16537
Muello, A. C.....15865,	National Mus. of South.	15188	O'Brien, W. S.....17643
15924,16188	Rhodesia.....15225	Newell, I. M.....17887	Ochoa, H.....18306
Müssiggang, E.....17191	National Res. Council.	Newell, J.....16414,	Ochoa, J.....17101
Muhlmann, M. M.....19815	Food and Nutr. Bd...15242	16521-2,16554-5	O'Connor, R. T.....19059
Muir, J. G.....17242	National Roster of Sci.	Newell, R. E.....17837	Ofner, R. R.....17140
Muirhead, D. B.....17539	and Specialized Per-	Newfoundland. Dept. of	Ogle, R. C.....17426
Mulford, F. L.....14885	sonnel.....15259	Nat. Resources. Agr.	Ohio. State Univ. Dept.
Mullen, A. J.....18772	National Wildlife Fed.....	Div.....15292	of Rural Econ.....19622
Mullick, D. N.....17017	15311	Newill, P. K.....19756	O'Kelly, J. F.....15809
Mulvany, J. L.....17796	Natividade, J. V.....15904	Newman, E.....19688	Okla. Agr. Col. Ext.
Munde.....19687	Navajas, E.....17951-2	Newman, G. A.....19723	Div.....15094-5
Mundkur, B. B.....15401	Nayar, C. K. V.....16845	Newman, T...17243,17422-5,	Okla. Agr. Expt. Sta.....
Maromtsev, S.....17018	Neal, A. L.....19722	18354	15006-8
Murphy, E. J.....18879	Neal, J. H.....18200	Ng, Y. C.....18134	Oliva, G. R.....16828
Murphy, J. H.....18652	Neal, J. L.....16816	Nicaragua. Ministerio de	Oliveira, A. X. de...19554
Murphy, J. M.....17019	Neal, M. F.....15112	Agricultura y Trabajo....	Olivera Massó, C....17953,
Murray, C. W.....15714	Neatby, K. W.....15503	15284	18519
Murrill, W. A.....15985	Nebr. Agr. Col. Ext.	Nichols, E. L.....14810	Olivier, G. J.....18441
Musil, A. F.....14886-8	Serv.....15080	Nichols, S. R.....18726	Ollea, D. E.....19371
Mussehl, F. E.....19095	Nebr. Agr. Expt. Sta.....	Nicholson, A.....18234	Olsted, F. L.....16104
Muth, O. H.....17562	14990	Nicholson, D. J.....15948	Olney, A. J.....15058
Myers, E. C.....16672	Nebr. Dept. of Roads and	Nicholson, J. C...17480-1,	O'Loughlin, F.....18728
Myers, J. H.....16099	Irrig.....16455	17525,18951	Olson, H.....16616
Myers, J. M.....18374	Nebr. State Dept. of	Nicol, H.....16765	Olson, T. M.....16789
	Vocat. Ed.....19584	Nicolaisen, W.....19058	Olson, W. Z.....14839
	Nebr. Univ.....19584	Nicora, C. D.....19367-9	Olsson, H.....19238,19492
	Dept. of Poultry Husb...19095	Niehaus, P.....18478	Olsson, V.....17082
Nagel, M.....15593	Neel, L. R.....19446	Nielsen, L. W.....15537	Omodeo, C.....15937
Naghski, J.....15703,19116	Neethling, H. L.....18580	Niemeyer, W.....18440	Oneto, J. F.....15678
Naidu, A. G.....15786	Neilson, J. D.....18211	Nierenstein, M.....16273	Ontario. Dept. of Agr.
Naidu, D. K.....18781	Neiman, G.....19117	Nihous, M.....15671	Statis. Branch.....18490
Naidu, R. V.....15787	Neiva, A.....18068	Nijensohn, L.....16456	Oppenheimer, F.....16816
Nair, V. K.....17081	Neiva, A. H.....19551-2	Nikolov, G.....15709	Oppenheimer, H.....15938
Nambiar, K. K.....15670,	Nelson, A. C.....18880	Ninni, E.....17672	Orcasbarro, J. V....19689
16272	Nelson, C. E.....16100	Nistri, F. F.....19520	Orchard, M.....15844
Nanda, P. N.....17563	Nelson, D. H.....14997-8	Nixon, G. E. J.....18087	Oreg. Com. on Nutr. for
Nanjundiah, K.....18773	Nelson, H. G.....18559	Nixon, W. M.....15755	the School Child...15243
Narasimhalu, I. L....16232	Nelson, M.....14962	Noakes, W.....18616	Oreg. State Col. Ext.
Narasimhamurty, B. L.....	Nelson, R. C.....15905	Noble, E.....16101	Serv.....15096-100
15787	Nesbitt, L. D.....18881	Noble, G. K.....15312	Oreg. State Joint Com.
Narayana, G. V.....18836	Nesmeyanova-Zavadovskaya,	Noble, M.....16102	for Health and Physical
Nastrucci, M.....18517	E. G.....17194	Noble, R. C.....15312	Fitness.....15243
National Agr. Limestone	Netto, F. A....18560,18920	Nóbrega, A.....18518	Orian, G.....15538
Assoc., Inc.....15301	Netto, J. E. de P....16381	Nodder, C. R...18263,18727	Orizet, J.....19280
National Assoc. of Frozen	Neubrech, W. L.....16698	Noerr, B.....17144	Orlando, A.....15445
Food Packers.....15184	Neuer, H.....16214	Noland, T. W.....17413	Ormond, J. I.....15183
National Audubon Soc.15311	Nev. Agr. Expt. Sta.....	Nordenborg, M. O....19447	Ornduff, D. R.....17990
National Canners Assoc....	14991-3	Nordfeldt, S.....17627	Orr, C. W.....17482
18477	Neveu-Lemaire, M.....15220	Norgaard, U. J.....16250,	Orr, L. E.....17797
National Comm. on Children	N. H. Agr. Col. Ext.	19126	Ortega, P.....18774
in Wartime.....15134	Serv.....15081-5	Norman, N. P.....19792	Ortenzi, G. F.....15674
National Conserv. Policy	N. H. Agr. Expt. Sta.14994	Norris, D. O.....15543	Ortiz Garmendia, J..16621,
Conf., Washington, D. C.,	N. J. Agr. Expt. Sta.17306	Norris, F. W.....19790	16829
1944.....15311	N. J. Dept. of Agr...18470	Norris, G.....17522,17989	Oser, B. L.....19788
National Cotton Council	N. Mex. Agr. Expt. Sta....	N. C. Agr. Col. Ext.	Osgood, G.....17295
of Amer.....15185-6	14995-8	Serv.....15090-3	Osorio, L. H.....15866-7
National Farm Chemurg.		N. Dak. Agr. Expt. Sta....	Osse, L.....16556
Council.....16655,18409,		15005	Ostapenko, L. A.....15681
18537,18679,18714,18874,			
18913,18995,19063,19183			



Ostbo, E.....16105  
 Ostrom, C. E.....16685  
 O'Sullivan, J.....16457  
 Osvald, H.....15285  
 Otalora, A.....17726  
 Otis, J. R.....19538  
 Otoya, F.....17954  
 Ott, W. H.....17346  
 Ottaway, C. W.....17564  
 Otte, F.....17145  
 Ovalle V., C. A.....16275  
 Owen, A.....18729  
 Owen, W. P. See Powell-  
 Owen, W.  
 Owens, A. L.....15009  
 Oxford, Univ. Dept. of  
 Bot. Libr.....15286  
 Özbaş, H.....15885  
 Ozenim, P.....15594  
  
 Pablo Duque, J.....16508  
 Pacheco Thomas, A.....18921  
 Pack, F. C.....19059  
 Paden, W. R.....16382  
 Pady, S. M.....15446  
 Page, Sir E.....18653  
 Pagnini, U.....17337-8  
 Paine, K. E.....15789  
 Pairault, A.....17838  
 Paiva, R. M.....18520  
 Pal, A. K.....17017  
 Palacios, L. M.....19749  
 Palazzo, J. T.....19118  
 Pallaske, G.....17021  
 Palma, D.....16106  
 Palmer, C. D.....18775  
 Palmer, L. S.....18629  
 Palti, J.....15447, 15451,  
 15504, 15510-12  
 Pan Amer. Union.....15307-8  
 Panama, Departamento de  
 Sanidad.....18316  
 Pande, P. G.....17565  
 Pandittesekere, D. G.....18796  
 Panse, V. G.....16853  
 Panshin, A. J.....16659  
 Pantanelli, E.....16458-9  
 Panton, E. H.....19372  
 Pantulu, J. B.....15595  
 Panunzi, U.....18307, 19060  
 Paper Shipping Sack Mfrs.  
 Assoc.....18458  
 Pardo Navarro, L.....15448  
 Parish, A. J.....17296,  
 17427-8, 18355  
 Park, O.....17955  
 Parker, A. J.....16460  
 Parker, H. L.....17727  
 Parker, J.....16107  
 Parker, J. B.....14819  
 Parker, M. W.....15675  
 Parker, R. W.....17798  
 Parkinson, T. L.....19783  
 Parliamentary and Sci.  
 Com. (Gt. Brit.).....15135  
 Farpagliolo, M. T.....16108  
 Parr, T. J.....14792  
 Parra Arce, J.....18882  
 Parrish, B. D.....14973  
 Parsons, A.....19629  
 Parsons, C. T.....16640  
 Parsons, M. S.....18883  
 Parton, E. L.....15077  
 Parton, Mrs. L. L.....18730  
 Parvin, D. W.....19239  
 Pascual, P.....17839  
 Pasquini, P.....15313  
 Passavalli, L. P.....18088  
 Pastorino, A. E.....18598  
 Pataky, E.....19448  
 Pate, V. S. L.....18089  
 Paterson, C. R.....17799

Paton, C. I.....18135  
 Paton, W. N.....19449  
 Patrizi, F.....17644  
 Patterson, C. A.....18479  
 Patterson, T. M.....19821  
 Patton, J. W.....16962  
 Patworth, D.....17483, 17500,  
 17523, 18952  
 Paulsen, E. F.....16509  
 Paulsen, T. M. See  
 Paulson, T. M.  
 Paulson, T. M.....17566  
 Pavari, A.....15745  
 Paviolo, I.....19822  
 Pavlov, K.....15333  
 Pavlovskii, E. N.....17728  
 Pawley, W. H.....19477  
 Pearson, H. S.....18442  
 Pearson, P. B.....17339  
 Peck, H.....18201  
 Peck, M. E.....15378  
 Peck, S. M.....19750  
 Pedraza, R.....16510  
 Peel, F. W.....18308-9  
 Peele, T. C.....15012  
 Pelletier, J. R.....16766,  
 16913, 17484  
 Pemberton, R. L.....17612  
 Peña, R.....15287  
 Pence, M. O.....16767  
 Penha, A. M.....16830  
 Pennefather, R. R.....16461  
 Pensom, W. H.....17244  
 Pentzer, W. T.....18839  
 Pepe, G.....16677  
 Peppe, V. J.....17022  
 Perdomo, J. E.....19150  
 Pereira Gomes, J. A.....17956  
 Perez Arbelacz, E.....16572,  
 16660  
 Pergola, V.....16768, 16831,  
 16875, 17206, 17658  
 Perinetti, A.....18884  
 Perkins, Mrs. R.....19630  
 Perkins, R. C. L.....18090  
 Perlberger, J.....15505  
 Perotti, R. M.....18069  
 Perry, J. E.....19096  
 Person, H. T.....16462  
 Pesce, P. A.....17659  
 Pessacq, V.....17023, 18581  
 Peters, J.....18820  
 Petersen, W. E.....17044  
 Peterson, D. R.....17182  
 Peterson, G. R.....14765  
 Peterson, V. V.....17083  
 Peterson, W. E.....17729  
 Petragiani, G.....16832-3  
 Petrov, M. P.....15348  
 Pettersson, I.....15706  
 Pettit, M.....17840  
 Pew, J. C.....16687-8  
 Peyer, E.....15449  
 Pfeiffer, I. W.....18159  
 Philip, C. B.....17854  
 Philipps, A. de.....16598  
 Phillips, G. R.....16622  
 Phillips, H. C.....15169  
 Phillips, H. M.....18922  
 Phillips, J. R. E.....15131  
 Phillips, R. W.....17567,  
 17590  
 Piaz, D.....18521  
 Piccoli, G.....16769  
 Pickell, M. W.....18923  
 Pickers, V. C. W.....17245  
 Pickett, W. F.....16623  
 Pickford, I. T.....18599  
 Pickwell, F. C.....16251  
 Pierce, C. W.....18600  
 Pierre, W. H.....15756,  
 16536

Pierson, J.....17345  
 Piettre, M.....19086  
 Pifer, R. W.....17628  
 Pike, M. M.....19450  
 Pillai, R. A.....16215  
 Pinck, L. A.....16383  
 Pinder, J. L.....18473  
 Pinheiro, C. A. do N.....19171  
 Pinsent, A.....19690  
 Pinto da Fonseca, J.....18136  
 Pioletti, L. A.....18601,  
 18731, 19281, 19373  
 Pires, A.....17183  
 Pirkle, W. N.....16661  
 Pirone, P. P.....15539  
 Pisk, E.....16529, 19203  
 Piton, L. E.....15314  
 Pitt, D. T.....18470  
 Pitt, J. M.....16384  
 Pittman, C. W. E.....14811  
 Pittman, F. B.....16718  
 Pitzer, H.....19815  
 Pizer, N. H.....16301  
 Pizzi, L.....17024  
 Plager, W. L.....17660  
 Plouvier, V.....15716  
 Plumb, G. H.....17905  
 Pobeguín, T.....15717  
 Poe, G.....16216  
 Poehlman, J. M.....15506  
 Poey, F.....15877  
 Pohlmann, K. E.....14825  
 Pohlmann, U.....19282  
 Poland, C. C.....19172  
 Poling, J. B.....17025  
 Polk, H. D.....17297  
 Pollock, M. C.....18443  
 Polytechnic Inst. of  
 Brooklyn, N. Y., Bur. of  
 High Polymer Res.....19875  
 Pomiane, D. de.....19751  
 Ponnaiya, B. W. X.....15676  
 Ponomarenko, D.....17991  
 Poole, R. F.....18409  
 Popelka Bruno, F. A.....17184  
 Popov, M. D.....15882  
 Popov, P.....15718  
 Popov, V. R.....18500  
 Popowski, B.....17800  
 Porter, C. L.....15379  
 Porter, J. C.....18236  
 Porter, R. E.....15181  
 Portland Cement Assoc.....  
 18317  
 Portugal, Direcção Geral  
 dos Serviços Florestais  
 e Aquícolas.....15193  
 Posey, R. S.....18356  
 Post, A. H.....16252  
 Post, K.....15088  
 Potier de la Varde, R.....  
 15389  
 Potter, A. S.....17485  
 Potter, C. F.....19752  
 Pottier-Alapetite, G.....15566  
 Potts, R. W. L.....17961  
 Pouchet, A.....15403  
 Poulson, D. F.....17992  
 Powell, D.....15507  
 Powell, E. C.....16109  
 Powell-Owen, W.....17246-8,  
 17430-1  
 Powers, L.....15610  
 Powers, W. L.....16385  
 Powning, R. F.....17730  
 Pozat, R. D.....18522  
 Pozzi, G. M.....16834,  
 17591, 18561  
 Prado Junior, C.....19204  
 Prall, P. A.....17432  
 Prat, H.....15677  
 Pratt, A. D.....16537

Pratt, J.....15678  
 Pratt, R.....15678  
 Frecht, H.....15315  
 Free, H. L.....16110  
 Prentice, R.....18562  
 Prescott, E. G.....19631  
 Presley, J. J.....15450  
 Preston, J. F.....16624  
 Price, J. A.....17486, 17524  
 Price, J. C. C.....15986  
 Price, J. T.....17525  
 Price, W. T.....19374  
 Priego, J. M.....15939  
 Pringle, F.....18810  
 Probaus, L.....19375  
 Proctor, A. E.....19632  
 Proctor, K. W.....16111  
 Prokhorov, N.....16463  
 Prokochev, S. M.....15679  
 Proulx, J. R.....18634  
 Pryke, W. J.....17487  
 Pubols, B. H.....15027  
 Puerto Rico, Agr. Col.  
 Ext. Serv.....15101  
 Puerto Rico, Junta de  
 Planificación, Urbani-  
 zación y Zonificación.....  
 19376  
 Puerto Rico, Minimum Wage  
 Bd. Div. of Res. and  
 Statis.....15136  
 Puerto Rico, Planning,  
 Urbanization and Zoning  
 Bd. See Puerto Rico.  
 Junta de Planificación,  
 Urbanización y Zonifi-  
 cación.  
 Puerto Rico Tobacco  
 Inst.....15883  
 Pueyrredon, E. S.....17592  
 Pugsley, G. W.....16625  
 Fulla, A.....15380  
 Pulling, H. A.....17084  
 Pullinger, E. J.....18635  
 Pulver, R. F.....19633  
 Purcell, M. T.....16672  
 Purdue Univ. See Ind.  
 (Purdue) Univ.  
 Purdue Univ. Agr. Expt.  
 Sta. See Ind. (Purdue)  
 Univ. Agr. Expt. Sta.  
 Fussard, P.....18138  
 Pybus, L.....17249  
  
 Quackenbush, F. W.....14977-8  
 Quadri, C.....16217  
 Quartino, R.....19493  
 Quebec (Prov.). Bur. of  
 Statis.....15189  
 Quint, A.....17433  
 Quintus, P. E.....18563  
 Quiros, M. A.....15868  
  
 Rabideau, G. S.....15680  
 Rabinowitch, E. I.....15288  
 Rachow, R.....18021  
 Rader, W. E.....15508  
 Radomirov, P.....16299  
 Raffaelo, Z.....17340  
 Rafferty, V. I.....16914  
 Raghavachari, K.....17130  
 Raghavan, T. S.....15596  
 Ragle, J.....17250  
 Ragdale, A. C.....14989,  
 17088  
 Rai Chaudhury, A. K.....15719  
 Raimo, H. F.....17434, 18357  
 Rainey, J. W.....17026-7  
 Raizada, M. B.....15597  
 Ram Ayyar, C. S.....18582  
 Ramachandra Rao, Y.....18160  
 Ramchandran, S.....17692



Item	Item	Item	Item
Ramakrishna Ayyar, T. V....	Reingpach, J.....19022	Roberts, Mrs. J. W....16121	Routier, E.....18527
18140, 18180	Reis, A. C. F....18410, 18524	Roberts, S. B.....16155	Roventini, A.....15930
Ramakrishnan, K. C....19205,	Reisinger, L.....16836	Roberts, W. M.....15019	Rowe, B. M.....18329
19451	Reiss, A.....15847	Robertson, D. W.....14966	Rowntree, L.....16125-6
Ramakrishnan, T. S....16232,	Reiss, F. J.....14972	Robertson, E. I.....18358	Roy, J. B.....18777, 19174
16280	Reiss, V. H.....16115	Robertson, H. M.....19207	Rubber Mfrs. Assoc., Inc..
Ramaswamy, R.....16845	Reitz, J. W.....18823	Robichaud, J. A.....19725	15191
Rambo, E. K.....18283	Remaley, R. J.....15183	Robinson, E.....17842	Rubegni, A.....16963
Ramella, R.....18885	Remlinger, J.....16837	Robinson, F. A.....19791	Rubilar, J. A.....17184
Ramirez A., R.....15746	Renaux, E.....17185	Robinson, J. L.....14819,	Rubins, E. J.....15638
Ramirez S., C. A.....18564,	Rendel, J. M.....17999	19378	Rudnick, D.....17343
18610	Rendell, L. P.....18734	Robinson, P. F.....19745	Rue, J. H.....17244
Ramos, P.....16277, 18523	Rendle, B. J.....15335	Robinson, R. R.....16122	Rue, C.....18528
Ramsay, A.....19283	Renk, W.....17028	Robinson, W. A.....17594	Ruffin, W. A.....16222
Ransbottom, J.....15334	Renner, A. J.....19377	Robinson, W. O.....15720	Ruggero, S.....17030
Ramsey, R. J.....18611	Republic Steel Corp. Agr.	Rocco, D.....17030	Ruiz, H. J.....16841
Randall, G.....16464	Ext. Bur.....15155	Rochaix, A.....15190	Ruiz, L. T.....15144
Randall, K.....18480, 19753	Research Inst., Austin,	Roche, J.....17186-8	Rullier, G.....19086
Randall, R.....18612	Tex.....15168	Roche, W. S.....18925	Rumler, R.....18360
Randolph, H. S.....19634	Reseland, C. A.....15119	Rock, P. J. C.....18143	Rumler, R. H.....17031
Rangaswamy, S.....18288	Retief, J. C. D.....17435	Rockwell, F. F.....16123,	Rummell, L. L.....18812
Ranghel Galindo, A....19173	Revutskaiia, P. S.....17341	16220	Rumreich, A. S.....17735
Rankin, J. D.....18375	Reybold, E.....16465	Rockwell, M. J.....17254	Runge, J. F.....16514
Ranzi, S.....15313	Reynolds, C.....15137	Rodale, J. I.....16558	Runnells, D.....19639
Rao, A. S.....16511	Reynolds, L. W.....19635	Rodda, J.....17731	Runnells, R. A.....16842
Rao, B. S.....16291	Reynolds, R.....18940	Roddan, G. M.....16513	Rupel, I. W.....15113
Rao, K. V. S.....15757	Reynolds, R. C.....17673	Rodeck, H. G.....18091	Ruppenthal, K. F.....15181
Rao, M.....15940	Reynolds, V. E.....17526	Rodehüser,.....16415	Rush, J. D.....18202
Rao, M. A. N.....16835	Reynoso, R. H.....17342	Rodrigues, F.....19411	Russell, M. B.....18203
Rao, M. J.....18733	Rhoades, H. F.....16388	Rodriguez G., J. M....18525	Russell, P. R.....18387
Rao, T. K. B.....16546	R. I. Agr. Expt. Sta.....	Rodriguez López, J....19453	Russell, R. C.....15273
Rao, W. T.....19141	15009-11	Rodriquez, D. R.....18359	Russian Econ. Inst....19727
Rao, Y. S.....15598	Rhodes, N.....19452	Roebuck, A.....17675, 17994	Rutgers Univ.....17306
Raper, K. B.....15509	Rice, D. A.....17802	Roepeke, W.....18142	Ruth, P. W.....18040
Raphael, T. D.....16218	Rice, E. B.....18583	Rösler, M.....16994	Ryan, H. J.....19640
Rapp, W. F.....17993	Rice, V. A.....16915	Rogalev, G. T.....17732	Ryff, J. F.....17570
Rasch, K.....18936	Richard, J.....16389	Rogeness, O.....14768	
Rasche, W. H.....18237	Richards, A. E.....19410	Roger, L.....18526	Sabaneev, S.....18041
Rathbun, H. H.....18565	Richards, M. C.....15513-14	Rogers, T. H....15790, 15850	Sabourin, R. P.....16738
Rauch, A. H.....14839	Richards, O. W.....17674	Rohlf, J. A.....16840	Sadusk, J. F., Jr....17854
Raucourt, M....15232, 17957	Richardson, H. B.....18141	Rokahr, M.....14818-19	Saettone, A.....17890
Rawitscher, F. K....15567	Richardson, R.....16116	Roland, S.....17803	Sager, O. S.....18585
Rawson, A.....17251	Richardson, T. C....15848,	Rolle, M.....17189, 17629	Saha, N. C.....18388
Ray, G.....18636	16916	Rollins, R. C.....15612	Saher, von.....16223
Ray, S. N.....17014	Richter, A. A.....15681	Romano, J. M.....19815	Sahyun, M.....19793
Raymond, L. C.....15846	Richter, J.....15289, 19119	Romanov.....17888	Said, H.....15682
Rea, H. E.....18284	Rick, C. M.....15611	Romboli, B.....17505, 17568	St-Pierre, A.....17208
Reale Istituto Agronomico	Rickard, J. A.....15849	Romero, G.....18776, 19524	Saitta, A.....16588
per l'Africa Italiana....	Ricken, J.....18445	Romero Manrique, A....18446	Sakimura, K.....18181
18504, 18856, 19181,	Riddle, A. R.....18937	Roome, C. A....17298, 17889	Sala, G.....16662
19196, 19319	Ridgway, J. J.....17160	Roonwal, M. L.....18162	Salazar, Z.....16739
Rebour, H.....15941, 16219,	Riek, R. F.....17873	Root, E. E.....17804	Salazar Gerard, R....17571
16557	Riepma, S.....18238	Rorty, J.....19792	Saldarelli, R.....16710
Rech.....16386	Rieppel, F. W.....19401	Roscoe, C.....17436-7	Saldias, M. O.....15891
Records, E.....14991	Rietz, W.....19523	Rose, P. D.....18736	Salerno, A....16964, 17209,
Redding, H. S.....16719	Rigg, T.....16523	Rose Jibaja, J.....18737	18739-40
Redditt, J. R.....19097	Riggle, J. J.....19232	Rosen, H. R....15453, 15791	Sales, A.....19380, 19642
Reddy, K. H.....18855	Riggs, C. W.....16838	Rosenberger, A. C....17569	Salgues, R.....16390
Reece, W. E.....17841	Riker, A. J....15515, 15645	Rosenberger, G.....17540	Salisbury, G. W.....16918
Reed, C. A.....15995	Rimoldi, A.....16886	Rosenman, D.....15156	Salles, J. F. de.....17995
Reed, C. O.....18318	Rinehart, C.....17613	Rosier, C.....15138	Salmoni, R.....16678
Reed, G. M.....16113	Rinsland, G.....17253	Rosinger, L. K.....15139	Saloman, Mrs. C. F....19693
Reed, L. C.....17252	Riser, W. H.....16839	Ross, Mrs. B. B.....19755	Salter, R. M.....19853
Reed, T. H.....17131	Rising, E. W.....16466	Ross, D.....18328	Samper, A.....18808
Reeves, F.....18924	Risler, J.....17958	Ross, D. M.....17926	Samuel, G.....15517
Reeves, W. C.....18031-2	Riso, R.....18735	Ross, F. E.....19638	Samuel, L. I.....19643
Reford, Mrs. R. W....16114	Ritter, W.....18584	Ross, Mrs. F. L.....16124	Samuels, J. K.....18778
Regan, W. M.....16881	Ritzman, E. G.....14994	Ross, I. C.....18926	Sanctuary, W. C.....15067
Rêgo, A. da S.....15942	Rivas, A. F.....16467	Ross, J. C.....18738	Sandberg, E. H.....15852
Rehn, J. A. G.....18161	Rivière, C. M.....19636-7,	Ross, W. A.....17733	Sanders, A. H.....16919
Rehn, J. W. H.....18161	19691-2	Rossano, A. T., Jr....17734	Sanders, C. F.....18620
Reich, G. T.....18481	Roach, J. R.....14976	Rossi, L.....17207	Sanders, G. P.....18585
Reichert, M. A. L....16387	Robbert, E. F.....16117	Rossi, R. P.....16737	Sanderson, C. J....17032-3
Reichert, I.....15404,	Robbia, M. B. V. della....	Rossouw, G. J.....19454	Sanford, C. B.....15518
15451-2, 15510-12, 19852	16118	Rotblit, Y.....16221	Sankaraiah, K.....19494
Reichert, L.....16155	Roberson, F. K.....16119	Pothery, J. E.....16573	Sankaram, A. 15758, 15792,
Reid, C. P.....19061	Roberts, A. D.....16120	Rothpletz, M. W.....18392	16224, 16278, 18779,
Reid, E. B.....18807	Roberts, E.....17614	Rottgardt, A. A.....17029	19142, 19151
Reid, E. P.....18444	Roberts, F.....19754	Roubaud, E.....18039	Sankarayya, K.....16559
Reid, K. A.....15311	Roberts, G.....15059	Roudier, H.....18840	Sanson, R. D.....16468
Reid, L. E.....18953	Roberts, H. G.....17593	Roumiguiere, F.....15851	Sansores Manzanilla, A....
Reid, L. E., Jr.....16512	Roberts, J. S.....16975	Round, G. S.....19455	18841
Reilly, H. C.....15730	Roberts, J. W.....14776	Rounds, M. B.....15943	



Item	Item	Item	Item
Santa Fe, Argentina	Schwartz, B.....14777-8	Sherrard, E. C.....16689	Small Pig Keepers' Council
(Prov.) Instituto Ex-	Schwartz, S. L.....16687-8	Sherwood, H. D.....18566	18978
perimental de Investiga-	Schweinfurth, C.....15383	Sherwood, R. M.....17339	Smith, A. C.....17103-6
ción y Fomento Agrícola-	Schwennessen, A. W....15945	Shewell-Cooper, W. E.....	Smith, A. D. B.....16922
Ganadero.....18981	Scotland, Dept. of Agr.	15892-3, 15906, 16226	Smith, A. H.....15409
Santelices, J. M.....18239	Farm Econ. Branch.....18983,	Shidaker, W.....18310	Smith, A. L.....16977
Santesson, R.....15405	19456	Shinkus, D. G.....18243	Smith, A. W.....19649
Santmyers, D.....16699	Scott, E. L.....16135-6	Shipman, R. C.....18291	Smith, B.....15797
Santos, E.....17102	Scott, F.....18809	Shiver, H. E.....19063	Smith, C. F.....19098
Santos Biloni, J.....16279	Scott, G. A.....19240	Shlygin, G. K.....17132	Smith, C. O.....15540
Sanz, D. L.....18982	Scott, W. M.....16396	Shmuk, A. A.....15685, 19794	Smith, E.....18843
Sapre, S. N.....17891-2	Scotti, G.....19032	Shollenberger, J. H.....18287	Smith, G.....18742-4
Saprizo Vera, C.....16515,	Scoville, G. P.....18810	Shoobridge, E.....15522	Smith, G. M.....14976
19644	Scruggs, F. H.....18780	Shoup, C. S.....18164	Smith, H. M.....17676
Sarasqueta, P. A. de.....	Scully, M. J.....15675	Shoushan, A. A.....15682	Smith, H. P.....15024
17344, 17805, 18361	Scully, R. M.....16137	Shrader, H. L.....14819	Smith, H. S.....18070
Sarkisov, A.....16843	Seaber, W. M.....16965	Shulkcum, E.....14891	Smith, H. W.....17136
Sarup, S.....15683	Seabra, L. S. V. de.....15193	Shull, J. M.....16140	Smith, J. B.....15010
Sarvis, J. T.....15853	Seagreaves, C. H.....17034	Shull, W. E.....17996	Smith, J. F.....18330
Sarwar, M. M.....16844	Seale-Hayne Agr. Col.,	Shultis, A.....14965	Smith, J. L.....18389
Saskatchewan. Univ. Dept.	Newton Abbot, England....	Shultz, E. F., Jr.....15850,	Smith, J. W. G.....18570
of Farm Mangt.....19527	19495	15855	Smith, L. B.....15385
Sasthageer, G.....19645	Seamans, H. L.....18143	Shunmukhasundaram, R.....	Smith, M. E.....19562
Sastry, M. R. S.....16845	Searls, E. N.....19474	18781	Smith, P. I.....16707
Saunders, G.....15140	Sears, G. A.....16920	Shutler, F.....16469	Smith, P. W.....15112
Savchenko-Belsky, A. 18927,	Secrétaire.....18174-5	Shutt, D. B.....18614	Smith, R.....19211, 19695
19284	Seeler, A. O.....17108,	Sibilia, C.....15455	Smith, R. F.....17960-1, 18145
Savory, T. H.....17893	17345-6	Siddiqui, S.....15724	Smith, R. J.....15947,
Sawyer, C. N.....16449	Seevers, H. V.....16138-9	Sidorin, M.....16227	19285, 19496
Sawyer, H. D.....15381	Seghetti, G.....19062	Siefert, E.....19561	Smith, R. W.....16229
Scaramella, G.....18504	Seghetti, L.....17572	Sienarra, C.....19694	Smith, S. G.....17133, 18146
Scarseth, G. D.....16391	Seifriz, W.....15723	Sierra, H. M.....19209	Smith, T. L.....19508, 19526
Schadelli, W.....16130	Seiler, F.....18529	Sievart, R.....18782	Smith, W. E.....16471
Schaenzer, J. P.....18285	Seixas, C. A. de.....17737	Sigmond, P. N.....17490	Smith, W. T.....16682
Schaetz, F.....17190	Selbie, F. R.....17573	Silber, H.....17257	Smith, Z. M.....19650
Schalk, A. F.....16789	Sell, O. E.....16397	Silber, R. H.....17108	Smoyer, K. M.....15457, 19459
Schantz-Hansen, T...16617,	Selling, O.....15338	Silberschmidt, K....15445	Smythe, R. H.....17134
16727	Semple, J. V.....19647	Silberstein, L.....15698	Snell, R. S.....15772
Schaphorst, W. F....18205,	Sen, A.....16300	Silva, L. B. de.....19757	Snow, C. F....17491, 17506,
18240	Sen, H. K.....19157	Silva Sanchez, J. M..16228	17528-9
Scharrer, B.....18163	Sen, K. C.....17014	Silveira, V. D.....15406	Snow, D.....15687
Schatz, A.....15721, 15730	Senay, P.....15384	Silvestri, F.....17997	Snyder, C. E.....18929
Schatz, R.....15290	Senn, H.....16966	Sim, R. A.....19648	Snyder, K. M.....18424
Schenck, M.....15076	Senn, M. J. E.....19756	Simmons, C.....15946, 18362	Soares, B. M.....17895-901
Schenk.....18174-5	Senn, P. H.....15614	Simmons, C. S.....14891	Soares, H. E. M.....17902
Schenk, H....16392-3, 18206	Senni, L.....16589	Simmons, E. B.....17146	Sobert, J. D.....19354
Schiffino, J.....16599	Senthille, F.....16849	Simmons, S. W.....18043	Sobrero, L. R.....15856
Schiffman, E. G.....18741	Sequeira, C.....18811	Simmons, V. L.....17537	Sociedad Agropecuaria de
Schleh, E. J.....15192	Serani, D.....15521	Simon, M.....15870-2, 16294	Cerro Largo...18447, 19383
Schlehuber, A. M....15613	Serfontein, P. J....17438	Simpson, G. G.....17986	Sociedad Colombiana de
Schlotzhauer, E. O....18775	Serra, A.....17347	Simpson, W. A.....16921	Químicos.....19876
Schlumberger.....18842	Serviss, G. H.....15793-4	Sindacato Nazionale	Sociedad Nacional de
Schlup, L. A.....19646	Setrakian, A.....14876	Fascista dei Tecnici	Agricultura (Chile).....
Schmaltz, H. W.....16764	Sevalle, E.....17807	Agricoli.....19824-5	18530, 19696
Schmid, F.....17191	Sevastopulo, D. G....18144	Sindicato da Indústria de	Soderberg, P. M.....17439
Schmidt, E...16131-4, 16394	Severin, H. C.....18042	Laticínios e Produtos	Sodré, N. W.....19212
Schmidt, H. W.....15454	Severin, H. H. P.....15555	Derivados do Estado de	Soldatova, A. P.....17903
Schmidt, U. W.....16395	Severson, H....15854, 16398,	São Paulo.....18567	Solis Figueroa, A...15523,
Schmitt, G.....17488	18286	Singer, J. E.....18886	17739
Schmitz, H.....19854	Sewell, F. L.....17255	Singer, R.....15407-8	Somayajulu, P.....15798
Schmorl, K.....15722	Sewell, W. E.....14960	Singh, A.....16770	Somers, G. F.....15725
Schneider, E.....19143	Shaeffer, M.....18207	Singh, B.....16786, 17035	Sornay, A. de.....19145
Schneider, H.....15519-20,	Shain, S.....15684	Singh, B. W.....18783	Sosa-Bourdouil, C..15726-7
15554	Shanklin, J. F.....15260	Singh, G.....17563	Sosnovets, A.....19117
Schnelle, G. B.....16846	Shannon, A. T.....19457	Siniscalchi, A.....19525	Soto, E. R.....15799, 15894
Schoch, N. H.....17527	Sharma, V. N.....15724	Sinnock, E. P.....16416	Soto Valencia, C....19651
Schoenberger, E. W...17489	Sharpe, J. S.....17959	Sinnott, E. W.....15572,	South, F. A.....17661
Scholes, D.....17806	Shaughnessy, H. J....16816	15686	S. C. Agr. Expt. Sta. 15012
Schoop, G.....16847	Shaver, J. H...15795, 16225	Sjögren, E.....19726	S. Dak. Agr. Expt. Sta....
Schopp, R.....14788	Shaw, R. R.....19823	Sjöstrand, J.....18568	15013-18
Schott, R. G.....17537	Shaw, R. S.....16399	Skeels, W. R.....19210	Southcott, W. H.....17574
Schreiber, W. E....14833-4	Shaw, W. R.....18411	Skerman, P. J.....18637	Southwick, A. M.....17843
Schrock, A. E.....15336	Shealy, A. L.....18928	Skinner, E. E.....16516	Southwick, L.....15688
Schubart, O.....17894	Shearin, A. E.....14893	Skott, H. E.....18569	Southwood, A. R.....18571
Schultes, R. E.....15382	Sheehy, E. J.....17161	Slagg, C. M.....15456	Southworth, H. M....19408
Schultz, E. F.....15337,	Sheffington, L. B....18241	Slate, G. L.....16141	Souza, W. W. C. de..16417,
15944	Shefrin, F.....19381	Slatyer, W. L.....15183	19248
Schultz, E. S.....15524	Shellenberger, J. A..15796	Sleeth, B.....15471	Souza-Araujo, H. C. de....
Schumann.....16848	Shepard, E. F.....19382	Sloan, W. G.....16470	17998, 18044
Schuster, E. M.....18092	Shepardson, E. S....18242	Slotosch Loth, M....19144	Sowder, A. M.....14819
Schwane, F.....18654	Shepherd, G.....19458	Slusher, M. W.....14963	Soyer, R.....15340
Schwardt, H. H.....17738	Sherman, R. W.....18482	Small, J. A.....15339	Sozio, S.....16323



Item	Item	Item	Item
Spachner, J. V.....18459	Story, H. D., Jr.....16724	Taylor, H. C.....18448	Toledo, E.....19465
Spackman, E. F.....17086	Stoudt, R. F.....17492	Taylor, J. C.....17441	Tolley, H. R.....16315,
Spagnoli, A.....19064	Stovall, J. T.....16253	Taylor, K. S.....16149	19402
Spanton, W. T.....18208	Stoyanoff, T. P. <u>See</u>	Taylor, S. G.....19387	Tomalin, T. E.....15977,
Sparré, G.....16155	Stoianov, T. P.	Taylor, W. P.....19827	15991, 16151-3, 16234-5
Speer.....16629	Strakosch, R.....17037	Tea Bur., Inc.....15194	Tomhave, A. E.....17631,
Spicer, O. W.....16142	Straus, Mrs. R. W.....15244	Tease, G. D.....18746	19497
Spiekermann.....19460-2	Streyffert, T.....16575	Tebb, C. P.....18245	Tomhave, W. H.....16926
Spiva, W.....19826	Stricker, M. H.....17810	Technical Com. to the	Tomkins, R. G.....18847
Sprague, V. G.....16122	Strike, M.....15989	President of the Philip-	Tommasi, G.....15858
Sprigle, R.....17087, 19099	Strobel, F. G.....19656	pines.....15144-5	Tomur, K.....16281
Sproston, T., Jr.....15458,	Strong, G. B.....14967	Tedrow, N. P.....15037	Tontz, C.....17442, 17531,
15478	Strosnider, J. L.....17530	Tejada y Sainz, J. de D... 15261	17845
Spurway, H.....17999	Stroud, R. S.....14996	Telleis.....19128	Torgeson, O. W.....16653
Squibb, R. L.....17192, 17740	Strugger, S.....17540	Temperton, H.....17256, 17300	Tornes, W. A.....17138
Srinivasan, M. K.....17043	Strunk, H. D.....16474	Templeton, G. S.....17501	Torres, B. A.....18074
Srinivasan, P. A.....19152	Strydom, H. L.....15884	Tenn. Agr. Col. Ext. Serv. 15102-5	Torres, C. M.....17507
Srinivasan, V.....16334	Stubbs, T. H.....18010	Tenn. Agr. Expt. Sta..... 15019-20	Torres, J. M.....18785
Sriraman, K.....19141	Stuckey, E. P.....15990	Tereshtenko, V. J....19727	Torres de Mello, A.....17745
Stadelmann, A.....19652-4	Stumpf, F.....16721	Terra, F.....17107	Tortorelli, L. A.....16664-5
Staffe, A.....15221	Stutt, R. A.....19527	Terrett, J.....17038	Toulouse, Université. Laboratoire Forestier.... 15323
Stagg, A. L.....18930	Styer, J. F.....15895	Terry, H. B.....15976	Townes, H. K., Jr....18002
Stakman, E. C., 14794, 19839	Suarez de Castro, F.....18745	Tervet, I. W.....15460	Townsend, C. C.....17677
Stanford, E. H.....15487	Suárez F., J.....15291	Tetiurev, V.....15689	Tozzi, R.....15342, 15759,
Staniland, L. N.....15445, 15559	Subbanachar, V. N.....19464	Tex. Agr. Expt. Sta..... 15021-4, 15780	16282, 16475, 16590, 19419
Stanton, B. E.....19697	Subrahmanyam, R.....15600	Tharp, M. M.....14731	Traum, J.....17002
Stanway, E.....18810	Sukharevskii, B.....18390	Thayer, J. W.....17906	Trautmann, A.....17257
Stapley, J. H.....17926	Sukhatme, P. V.....16853	Thebis, R.....18247, 18253	Travassos, L.....18147
Starnes, H. T.....17808	Sukhorukov, K. T.....15681	Theis, E. R.....15181	Treaster, W. L.....16927
"Starp," E.....16771	Sullivan, J. T.....14976	Theiss, O.....17350	Trendell, M.....18786
Starr, D. F.....18244	Summers, E. M.....15459	Theorell, H.....15729	Trenkner.....16154
Starr, G.....17135	Sundararaman, S.....16146	Théry, A.....17962-3	Tretsvén, J. O.....16252
Starr, W. B.....16517	Sundquist, A.....14819	Thiery, J. P.....17351	Trick, W. E.....19498
Staten, G.....14996	Susplugas, J.....16314	Thind, K. S.....16786	Trigona, G.....18787, 19214
Staub, A. M.....17175	Sutherland, A.....17136	Thom, C.....15410	Trimble, A. P.....15038-9, 15048-50
Stazzi, P.....16850-1	Sutherland, A. E.....17811	Thomann, W.....18641	Trotter, A.....15195
Stearn, W. T.....16230	Svanberg, O.....16925	Thomas, F. L.....17743	Trouvelot, B.....18075
Stebbins, G. L., Jr.17986	Svendsen, L.....19089	Thomas, G.....18391	Trowbridge, E. A.....16968
Steck, L.....18603	Svensson, H.....18784	Thomas, H. E.....15519	True, R. P.....15747
Steele, C. F.....19655	Svetlov, P. G.....18000	Thomas, H. L.....19067-8	Trujillo Peluffo, A.17746
Steele, R. E.....17440	Swaffar, P.....16967	Thomas, I.....18073	Tsang, Z. T.....19101
Steffek, E. F.....16143	Swami Rao, R.....18288	Thomas, J.....17185	TSarevskii, A.....16476
Stegner, W.....19286	Swamy, B. G. L.....15601	Thomas, K. M.....16232, 16280	TSikov, D.....15652
Stensgård, A. H.....19384	Swaney, A. G.....17210	Thomas, L. A.....15525	TSitsin, N.....15616
Stephenson, R. E.....16400	Sweatt, H. B.....16663	Thomas, S. B.....18586	Tsu, C. W.....16346
Sterling, C.....15599	Swezey, O. H.....17741, 18071-2, 18093	Thompson, D. G.....14964	Tucumán, Estación Ex- perimental Agrícola.19129
Stern, E. G.....16649	Swim, H. C.....16147	Thompson, H. H.....14968	Tüllmann.....16969, 19466
Stern, J. K.....19698	Swingle, H. S.....14959	Thompson, R. C.....16233	Turk, E.....16330
Stern, R. M.....17976	Sword, W.....16576	Thompson, W. L.....19100	Turk, K.....18655
Stevens, A. E.....15187	Sykes, F. J.....16518	Thompson, W. W.....15183	Turk, K. L.....16970, 17089
Stevens, J. C.....16923	Sykes, G.....15857	Thomson, G. M.....18413	Turk, R. D.....17575
Stevens, W. C.....16651	Sykes, J. F.....16854	Thomssen, E. G.....17744	Turner, C. W...17039, 17595
Stevenson, A. F.....16924	Symonds, W. M. C.....19657	Thone, F.....16254	Turner, F. N.....19499
Stevenson, F. J.....15524	Synge, P.....15341	Thorfinnson, T. S...14771	Turner, H. A.....14731
Stevenson, W. G.....16852	Synge, R. L. M.....19795	Thoria, L.....18747	Turner, J.....19389
Stewart, A.....19241	Synold, R. E.....17630	Thorne, D. W.....16401	Turner, N.....19811
Stewart, H. A.....17615	Tabb, W. R.....15130	Thunell, B.....15262	Turney, A. G.....18788
Stewart, H. C. E.....15386	Taber, G.....15222	Tidd, J. S.....15461-2	Turnill, L.....18363, 19500
Stewart, J. D.....17904	Tabor, J. E.....15292	Tiemann, H. D.....16652	Turnill, L. C.....17352
Stewart, J. M.....17036	Talbert, T. J.....16231	Tigert, J. J.....19658	Turpin, H. W.....19659
Stewart, R. I.....16472	Talbot, M. W.....14851	Tilling, W.....17814	Turrell, F. M.....15708
Stice, L. F.....18931	Tama, C.....16577	Tilt, J.....15801	Turrill, W. B.....19856
Stiebitz, F.....19463	Tanner, C. D.....16148	Timber Devlpmt. Assoc., Ltd.....15248	Tushniakova, M.....15690
Stirling, W.....16144	Tanquary, M. C.....19774	Timon-David, J.....18001	Tustin, E. B., Jr.....16971
Stoa, T. E.....15800	Tapernoux, A.....15190	Timoshenko, V. P....19727	Twin Ports Coop. Dairy Assoc., Superior, Wis.... 15196
Stock, J.....18412	Tarantino, G. B.....16855, 17193, 17348	Tinsley, J.....16301	Twinn, C. R.....17747
Stockdale, Sir F.....19385	Tascher, W. R.....14819	Tirelli, M.....15293	Tyerman, D.....18414
Stoddard, E. M.....17905	Tasmania. Closer Settle- ment Bd.....19215	Tischhauser, L. A...17137, 17645	Tyner, L. E.....15526
Stoddart, L. A.....16772	Tasmania. Dept. of Agr. Agron. Div.....19127	Titkov, A.....15615	Ubertaini, B.....16856
Stoeck, J. A.....17590	Tassinari, A. M.....19386	Tobin, C. W.....18221	Udol'skii, D.....17632
Stoffberg, F. J.....15560	Tassinari, R.....17349	Tobon Villegas, A....19388	Uganda Protectorate. Forest Dept.....16720
Stoianov, T. P.....15728	Tauber, O. E.....17742	Tocchini, F.....15896	Uhl, H. G.....16666-7
Stokdyk, E. A.....19699	Taunay, A. de E.....19855	Todd, F. A.....15537	Uhlend, R. E.....14919
Stoke, H. F.....16145	Tavernetti, J. R.....15032	Todd, H. P.....19213	Ukers, W. H.....15197
Stolk, J. F.....19424	Tavernier, J.....18509	Todd, L. O.....19563	
Stollberg, L.....15107	Taylor, A. M.....18572		
Stoltz, R. R.....17088	Taylor, B. E.....18966		
Stone, C. H.....16473			
Stone, L.....18858			
Stone, M.....19146			
Stonecipher, H. V....14992			
Storfer, B.....19065			



Ulate, O.....19728  
 Ullrich, K.....17139  
 Ulrich.....18887  
 Ulrich, E. P.....14893  
 Ultra-Life Labs., Inc.....  
 15223  
 Umnen, A. M.....17532  
 Union des Syndicats Agricoles Romands.....19877  
 Union of South Africa.  
 Dept. of Agr. and Forestry..15426,15884,15976,  
 16248,16351,16395,  
 16939,18101,18273,  
 18441,18954  
 Div. of Anim. and Crop  
 Prod.....19102  
 Union Pacific Railroad Co.  
 Dept. of Traffic. Agr.  
 Devlpmt.....15141,  
 15198-9,15294  
 U. S. S. R. Glavnoe Upravlenie Agrotekhniki i Mekhanizatsii Sel'skogo Khoziaistva.....15200  
 U. S. S. R. Soviet  
 Narodnykh Komissarov i TSK VKP(b).....18888  
 United Planters' Assoc.  
 of South. India, Coonor.  
 19255  
 U. S. Army, Chief of  
 Engin.....16477  
 U. S. Army-Navy-Civil Com.  
 on Aircraft Design Criteria.....14839  
 U. S. Bur. of Foreign and  
 Dom.Com.....16698  
 Foodstuffs Unit...15201,  
 18844  
 Pulp and Paper Unit.....  
 16700  
 U. S. Bur. of Labor  
 Statis.....16581  
 U. S. Bur. of the Budget.  
 Div. of Admin. Mangt.....  
 15245  
 U. S. Bur. of the Census...  
 15202  
 Business Div.....18844  
 U. S. Children's Bur.15134  
 U. S. Congress. House. Com.  
 Merchant Marine and  
 Fisheries.....15203  
 Ways and Means.....15142  
 U. S. Congress. Senate.  
 Com. Irrig. and Reclam...  
 15302-3  
 U. S. Dept. of Agr..14723-  
 958,15780  
 Agr. Adjust. Agency.....  
 14743-54  
 Agr. and Indus. Chem.,  
 Bur. of.....14755  
 North. Region. Res.  
 Lab.....14755  
 Agr. Econ., Bur. of.....  
 14756-73,15020,15026,  
 15119,15169  
 Agr. Statis., Div. of.  
 18483  
 Land Econ., Div. of  
 North. Great Plains  
 Region.....14762  
 Agr. Res. Admin..14774-8  
 See also Anim. Indus.,  
 Bur. of; Ent. and  
 Plant Quar., Bur. of;  
 Expt. Sta., Off. of;  
 Human Nutr. and Home  
 Econ., Bur. of; Plant  
 Indus., Soils, and  
 Agr. Engin., Bur. of.

U. S. Dept. of Agr.--Continued.  
 Anim. Indus., Bur. of...  
 14779-85,17421  
 Range Livestock Expt.  
 Sta.....14784  
 Budget and Finance,  
 Off. of.....14786  
 Commod. Credit Corp.....  
 14787  
 Ent. and Plant Quar.,  
 Bur. of.....14788-94  
 Expt. Sta., Off. of.....  
 14795-6  
 Puerto Rico (Mayaguez),  
 14795  
 Ext. Serv...14745,14761,  
 14797-822  
 Farm Credit Admin..14823  
 Farm Security Admin.....  
 14824-5  
 Fed. Crop Ins. Corp.....  
 14826-32  
 Foreign Agr. Relat.,  
 Off. of.....14833-6  
 Forest Serv.....14837-51  
 Calif. Forest and  
 Range Expt. Sta.....  
 14847,14851  
 Forest Prod. Lab.....  
 14837,14839,14843,  
 16668  
 Graduate School...14852  
 Human Nutr. and Home  
 Econ., Bur. of..14853-4  
 Inform., Off. of.....  
 14855-60  
 Inter-Bur. Com. on Postwar Problems...14733-4,  
 14856  
 Working Group on Postwar Readjustments in Processing and Mktg. Facilities and Methods.....14734  
 Library.....15149  
 Mktg. Serv., Off. of....  
 14861-79  
 Mktg. Facilities  
 Branch.....14861  
 Materials and Facilities, Off. of  
 Containers and Packaging Branch.....14956  
 Plant Indus., Soils, and  
 Agr. Engin., Bur. of...  
 14745,14790,14794,  
 14880-93,14976  
 Prod. and Mktg. Admin...  
 14894  
 Rural Electrification Admin...  
 14895-8  
 Secretary, Off. of.....  
 14899,14922  
 See also Budget and  
 Finance, Off. of.  
 Soil Conserv. Serv.....  
 14900-19  
 Region 5.....14919  
 Southwest Region.14904  
 Upper Miss. Region....  
 14902,14905  
 Solicitor, Off. of.....  
 14920-5  
 Supply, Off. of.14926-50  
 War Food Admin..14920-2,  
 14924,14951-8,18401

U. S. Dept. of Agr.--Continued.  
 War Food Admin.--Continued.  
 See also Agr. Adjust. Agency; Commod. Credit Corp.; Ext. Serv.; Farm Security Admin.; Fed. Crop Ins. Corp.; Mktg. Serv., Off. of; Soil Conserv. Serv.; Supply, Off. of.  
 U. S. Dept. of the Interior.....15143,15260  
 U. S. Embassy, Habana, Cuba.....18771  
 U. S. Fish and Wildlife Serv.....17501  
 U. S. Off. of Ed.....19575  
 U. S. Off. of Price Admin.....15204-5  
 Food Rationing Div.....  
 18844  
 U. S. Off. of War Inform.,  
 15157  
 U. S. Patent Off....15948,  
 16155  
 U. S. Tariff Comm...15206-  
 7,19403  
 U. S. Tenn. Valley  
 Authority, Com. on Coop..  
 15304  
 U. S. Treasury Dept..15208  
 U. S. Trotting Assoc.17211  
 U. S. War Prod. Bd.  
 Containers Div.....15209  
 Universidad Nacional de Tucumán. Facultad de Farmacia y Bioquímica....  
 19867  
 University Col. of Wales, Aberystwyth. Agr. Econ. Dept.....15131  
 Upholt, W. M.....18026  
 Upper West Fork Soil  
 Conserv. District, Tex...  
 16519  
 Uribe G., J. E.....16876  
 Uribe Ramirez, G.....16578  
 Urquhart, B. P.....16600  
 Uruguay. Dirección de Agronomía.....17049  
 Usinger, R. L.....18076  
 Usueli, F.....16857-8  
 Utah State Agr. Col.  
 Faculty Assoc.....15233  
 Uys, C. J.....17443  
 Vaidyanathan, S. N...17040  
 Valdés Barry, F.....17690  
 Valdivieso, N.....18531  
 Valentine, J. M.....17964  
 Valle Huaita, C.....16478  
 Valleggi, M.....15667,  
 15916,15949  
 Vallejo, L. C.....18573  
 Valley, L.....17846  
 Valroger, P. de.....19539  
 Valsechi, O.....18532  
 Van Deest, S.....15183  
 Van Deman, R.....14736-9  
 VanDemark, N. L.....16918  
 Van den Berg, A. J...19429  
 Vanderbilt, A.....19069  
 Vanderford, C. S.....15859  
 Vanderlinden, L...16302-3,  
 16773,19758  
 Van der Plank, J. E..15556  
 Vanderwaeren, J....15870-2

Vandiver, J. S.....19660  
 Van Dyke, E. C.....17965  
 VanHoltten, P.....18832  
 Van Melle, P. J.....16156  
 Vanmuccini, G.....18889  
 Van Rensselaer, M...15343  
 VanSant, W. R.....15031  
 Vanselow.....16601,16859  
 Van Tuyle, H.....18812  
 Van Vlack, C. H.....18319  
 Van Vliet, H.....19527  
 Varadachari, K.....19468  
 Varela Martínez, R...18789  
 Vargas, L.....18003-5  
 Varro.....18006  
 Vass, V. E.....19469  
 Vaughan, R. E.....15109-10  
 Vavich, M. G.....19796  
 Vawter, L. R.....14991  
 Vaz, E.....16860  
 Vedamani, M. S.....18748  
 Veiga, A. de A.....18533,  
 18846  
 Veiga, J. S.....16928  
 Vélaz, F.....17576,18364  
 Venkatachalam, K.....16845  
 Venkatakrishnan, G...18813  
 Venkataramiah, B. P..16324  
 Verdoorn, I. C.....15388  
 Vergani, A. R.....17907  
 Verhoeff, K. W.....17908  
 Vermillion, O. W.....17525  
 Vt. Agr. Col. Ext. Serv...  
 15106-7  
 Verschaffelt, A.....15295  
 Vetschchain, F. von...15617  
 Vezin, C.....18075  
 Vianello, G..16861-2,17041  
 Vianna, H.....19828  
 Viard, R.....15158  
 Vicien, J.....19256  
 Victoria. War Agr. Com....  
 19390  
 Viégas, G. P.....15802  
 Vieira, L. G.....17091  
 Vigil, C. G.....15803-4  
 Villee, C. A.....18007  
 Villforth, F.....18510  
 Vincent, E. R. C.....18534  
 Vincent, V.....16236  
 Vine, V.....18439  
 Vinokurov, K.....19857  
 Va. Advisory Leg. Council.  
 15263  
 Va. Agr. Expt. Sta..14891,  
 15025  
 Va. Polytech. Inst...18237  
 Viswanathan, T. K...18790,  
 18816  
 Vogel.....18312  
 Vogel, A. R.....16157  
 Vogel, K.....16630  
 Vogel, W.....18313  
 Vogler.....18791  
 Vogler, J.....19070-1  
 Vogt, K.....19540  
 Voigt, S.....19470  
 Vollert, H. E.....19829  
 Vollono, A.....15950  
 Vollrath, H.....17445  
 Voloskov, P.....17042  
 Voloskova, A.....17042  
 Vowles, N.....16403  
 Vranian, H.....16669  
 Wackerman, A. E.....16626  
 Wadleigh, C. B.....15082-4  
 Wagenaar, M.....16310  
 Wager, H. G.....18847  
 Wager, J. V. K.....16722  
 Wagle, R. F.....16723



Item	Item	Item	Item
Wagner, C. F.....17258	Weber, C. W.....18587	Wild, A. S.....18249	Worth, H.....18754
Wagner, J. B.....16644	Weber, G. W.....18814	Wileman, R. H.....18290-1	Worthington, J.18366,19702
Wakaruk, N.....19391	Weber, H. L.....16160	Wilford, E. J.....15058	Wragg, G.....19664
Waksman, S. A.....15721,15730	Webster, C. C.....16283	Wilken, C. H.....16482	Wray, F. C.....18046
Walford-Lloyd, E. See	Webster, F. G.....16516	Wilkinson, W. L.....16972	Wright, F. W.....17413
Lloyd, E. W.	Webster, F. M.....18449	Will, A.....17502	Wright, M.....18164
Walkden, A.....16158	Wechsler, H. I.....18008	Willaman, J. J.....19116	Wright, M. M.....17302
Walker, A. G.....15527	Weidenhofer, K.....18535	Willard, J.....17597	Wright, P. H.15978,17820-1
Walker, A. H.....16237	Weigelsperg di Caneva, F.....16641	Wille, R.....17046	Wright, T. G.....16642
Walker, C. R.....17815	Weir, T. S.....15992	Williams, C. B.....17749	Wurst, W. F.....16774
Walker, E. A.....15528	Weirether, F. J.....17044	Williams, F. S.....15898	Wyatt, F. A.....16322
Walker, F. T.....19072	Weis, V.....17117	Williams, F. X.....18095	Wygodzinsky, P.....18053,18059,18183-4
Walker, J. F.....17541	Weiss, H. B.....17678	Williams, G. T.....17449	Wyker, J. D.....19665
Walker, J. P.....16929	Weizmann, C.....15732	Williams, S.....18752	Wyllie, C. E.....15019
Walker, M. V.....18077	Welch, C. L.....19830	Williams, W. K.....14819	Wyllie, K. H.....19393
Walker, W. W.....17646	Welch, F. J.....14987	Williamson, J. F.....17162	Wyman, O. L.....15065
Walkhof, C.....16418	Welch, H.....17045,17577	Wilsie, C. P.....15860	Wynn, R. S.....17735
Wall, G. M.....18792	Welck, A. A.....17533	Wilson, A. R.....15483	Wynter-Blyth, M. A.18151-2
Wall, J. F.....17155	Wellich, M.....19555	Wilson, C. A.....18045	Wyse-Gardner, C.....15296
Wallace, E.....16159	Wellington, W. G.....17679	Wilson, E. C. G.....15239	
Wallace, P. P.....15531	Wells, J. B.....16161	Wilson, F.....17750	
Wallenfeldt, E.....15111,17071	Wells, O. V.....14773	Wilson, H. F.....17817	Yackulic, G. A.....18656
Wallich, H. C.....19729	Wells, R. S.....17448	Wilson, H. Van P.....16168	Yang, C. F.....15805,16239
Walrath, F. J.....15103	Welsh, J. L.....18890	Wilson, J. L.....17094	Yantis, H.....18657
Walsh, J. T.....15183	Welsh, W. E.....16481	Wilson, K.....19765	Yates, F.....17534
Walsh, R. M.....19073	Wentworth, E. N.....17596	Wilson, M.....14800	Yeager, A. F.....15513
Walster, E. D.....15714	Werneck, F. L.....18190-1	Wilson, P. W.....16305	Yearwood, R. D. E.....19147
Walter, H. E.....18638	Werner, G. M.....15113	Wilson, R. V.....18460	Yerkes, G. E.....14732,14880
Walters, D. V.....16479	Wertheim, I.....17847	Wilson, R. W.....17818	Yocum, L. E.....15297
Walters, F. R.....19242	Wertz, V. R.....18471	Wilson, S. E.....16670	Yörük, S.....15885
Walters, T. G.....19661	Wesselmann, R.....17156	Wilson, W. C.....16169	Yoselof, T.....15224
Walton, C. J.....18078	West, G.....19153	Wilson, W. K.....17503	Young, A.....19528
Walton, G. P.....18893	W. Va. Agr. Col. Ext. Serv.....15108	Wilson, W. O.....17450	Young, D. M.....16755
Walton, R. R.....15006	Westerfeld, W. W.....19797	Wilson, W. T.....14963	Young, H. C.....15466
Walworth, G.....18602,19412	Western, L. G.....19104	Windt, P.....15693	Young, L. C.....16540
Wamble, A. C.....18256	Western Australia. Statistician's Off.....18491	Wing, D. C.....19662	Young, M. D.....18010
Wambeganss, M. E.....18749	Westfall, W.....17259-60	Winner, E. B.....17413	Young, M. L.....17822
Wander, I. W.....15691	Westhoff, V.....15380	Winogradsky, H.....15733	Young, P. T.....19760
Wanner, H.....15692	Westling, L. L.....19730	Winter, J. C.....18430	Young, T.....15224
Wannop, A. R.....18793	Weston, C.....18149	Wintermeyer, W. E.....14819	Young, V. A.....15861
War Agr. Com. of Australia.....19392	Weston, T. A.....16162	Winters, S. R.....18753	Young, W.....18933
Ward, F. G.....19103	Wetmore, A.....15311	Wischer, M.....18956	Yuill, J. S.....17971
Ward, F. K.....15346,15349	Wettstein, F. von. See Vetshchain, F. von.	Wis. Agr. Col. Ext. Serv.....15109-13	Yungclas, W. H.....18934
Watflaw, C. W.....15602	Wetzel, G. F.....18248	Wis. Agr. Expt. Sta.....14900,15028	Zachrisson, S.....17095
Ware, F.....17043	Wharton, W. P.....15311	Wis. State Med. Soc. Com. on Health and Pub. Instr.....18209	Zafra, U. A.....15144-5
Ware, H. G.....17446	Wheeler, C. M.....18182	Wis. Univ.....14837,14839	Zanardi, C.....18640
Ware, L. M.....16404	Wheeler, H. M.....15603	Wiser, D. R.....15464	Zanders, J.....16930
Warmke, H. E.....15618	Wherry, E. T.....16256	Witney, D.....19541	Zarate, F. A.....18425
Warne, W. E.....15311,16480	Whetzel, H. H.....15411,15463	Witt, P. R., Jr.....18891	Zarlenga, P. A.....16931
Warner, C.....17353	Whitcher, E. J.....18343	Wittorn.....19287,19472	Zavadovskii, B.....16740
Warner, K. F.....14819	White, A.....19798	Wittrock, G. L.....16238	Zavadovskii, M.....17543
Warren, B. C. S.....18148	White, A. H.....17093	Witzleben, A. von.....16973	Zavadovsky, A. M.....16741
Warren, D. E.....17092	White, G. T.....17147	Woglum, R. C.....15465	Zavadovsky, B. M.....17194
Warren, E. N. S.....18736	White, H. F.....16405	Woglum, R. S.....18079	Zavagli, V.....16932
Warren, G. L.....14821	White, J. H.....17994	Wohlfarth, E.....16618	Zavoral, H. G.....17647,19501
Wash. Agr. Expt. Sta.....15026-7,19503	White, J. W., Jr.....19116	Wolf, F. A.....15411	Zeetl, R.....16863
Wash. State Col. Ext. Serv.....15026	White, N. H.....15529-30	Wolff, E.....16711,17301,18365,18795,19473	Zehngraff, P. J.....16605
Wash. State Planning Council.....18422	White, R. G.....16540	Wolfsohn, J. D.....15311	Zelaya, J. A.....16918
Wash. Wheat Growers League, Walla Walla, Wash.....15210	White, W. H.....17816	Wood, A. M.....19700	Zelayeta, E.....15246
Wasserman, J. W.....15556	White Gold Angora Rabbit Farms.....17495	Wood, C. W.....16170-2	Zeller, S. M.....15557
Waters, L. L.....18415	Whitehead, F. E.....15006	Wood, F. W.....17646,18606	Zemlianitskii, L.....16492
Watkins, B. O.....18392	Whitehead, J.....16163	Wood, G. K.....16483	Zentgraf, E.....15748,16591
Watkins, W. E.....15731	Whitehead, S. B.....16164-6	Wood, J. G.....15734	Zentmyer, G. A.....15531
Watson, I.....18932	Whiteley, G.....17261	Wood, S.....19701	Zeyher.....16579
Watson, J. R.....17748	Whiting, A. R.....18094	Woodard, G.....17140	Zhuravlev, E.....16775
Watson, M. A.....18979	Whitney, D. J.....18751	Woodcock, W. H.....17542	Ziegler, H.....16864
Watts, F. E.....15159	Whittum, R. B.....19471	Woodroof, J. G.....14968	Zietzschmann, O.....15216
Watts, L. F.....15311	Wiancko, A. T.....14893	Woodruff, L. L.....19858	Zimmer, O.....15749
Watts, P. S.....15687	Wickard, C. R.....14899,15311,18660	Woods, F. L.....19105	Zimmerman, E. C.....17967
Waugh, F. V.....18603	Wicks, H. N.....18848	Woodside, V.....16701	Zimmerman, E. W.....16643
Weatherburn, M. W.....18666	Widder, C. O.....18613	Woodward, H. R.....19663	Zimmerman-Cris, S.....18849
Weaver, S.....16255	Wigan, F.....18574	Woodworth, C. M.....14974	Zimmermann, K.....15310
Webb, Mrs. A.....18639	Wilbur, D. A.....18150	Woolcot, C.....18450	Zimpel, L.....17262
Webb, J. V.....14819	Wilbur, J. C.....14854	Wooley, J. C.....16520	Zito, F.15916,15930,15951-2,15996,19062,19074
Webb, W. H.....17493-4	Wilcox, R. H.....14971	Woollett, L. H.....18096	Zollinger, F.....17047
	Wilcox, R. S.....16167	World's Poultry Sci. Assoc.....19878	Zucker, I.....19667
			Zukel, J. W.....18047
			Zumt, F.....18048
			Zundel, G. L.....15558
			Zweigler.....18935



- Abaca.....18686  
Abnormalities and de-  
formities. See subhead  
anomalies under names of  
animals and plants.  
Abortion  
in cattle.....17009  
in horses. See Salmo-  
nella abortivoequina.  
in sheep.....17570  
abortion, contagious. See  
Brucellosis.  
Absorptiometers.....16301  
Acacia, blackgreen-wattle.  
16594  
Acacia decurrens mollis.  
See Acacia, blackgreen-  
wattle.  
Acacia mollissima. See  
Acacia, blackgreen-  
wattle.  
Acerina.....17735, 17849  
See also common group  
names; and names of  
suborders, families,  
and genera.  
Acarospora.....15405  
Accidents.....15157, 18209  
prevention...18194, 18239  
See also Safety.  
Accola spinosa.....17863  
Accounting.....14900  
Argentina.....19476  
Great Britain.....15137  
U. S. S. R.....19284  
See also Farms and  
farming, records; 4-H  
clubs, accounting; and  
under specific sub-  
jects.  
Acetylcholine.....17121  
Achaea janata.....18140  
Achard, Franz Karl...19847  
Acherontia atropos...17758  
Achras zapota. See  
Sapodilla.  
Acmaeodera.....17965  
Aconitic acid.....19132  
Acrididae.....18161  
See also names of  
genera.  
Acridine orange.....17540  
Acronycta.....18142  
Actinidia chinensis...15707  
Actinomyces griseus...15721  
Actinomyces lavendulae...  
15730  
Actinomycetae.....15721  
Addison, Lord.....19799  
Adhesives.....14839, 16699  
synthetic resin...16668  
See also Glue.  
Adrenaline.....15241  
Adutural Agr. Res. Sta.,  
Tanjore District, India..  
19801  
Advertising....14751, 18651  
See also subhead market-  
ing under names of  
commodities.  
Aechmea anomala n. sp....  
15385  
Aedes.....18017  
Aedes aegypti  
and disease.....18013  
Aegle marmelos.....15700  
Aeolothrips.....18176  
Aerangis rhodosticta...16144  
Aerides lawrenceae...15997  
Aeroplankton.....17679
- Item  
Afforestation. See  
Reforestation.  
Agaeocera.....17965  
Agalactia, contagious....  
17571  
Agar.....16265  
Agrarian reform. See Land,  
reform.  
Agrarian systems. See  
Land, tenure.  
Agreements. See Trade,  
agreements and treaties;  
and under specific  
subjects.  
Agricultural Bank or  
Tasmania.....19215  
Agricultural Conserv.  
Program  
New York (State)...14746  
Western Region....14747  
Agricultural economics.  
See Economics.  
Agricultural engineering.  
See Engineering.  
Agricultural experiment  
stations. See Experiment  
stations.  
Agricultural extension.  
See Extension work.  
Agricultural history. See  
History.  
Agricultural products  
Baltic states.....15117  
bibliographies.....15308  
Brazil.....18410, 19175  
Canada.....18403, 18411, 18413  
Denmark.....19346  
Ethiopia.....19319  
grading and standard-  
ization.....14877  
India.....15171  
international.....15308  
Italian East Africa....  
19198  
Italian Empire.....18406  
Peru.....18398  
purchase and sale  
programs.....14936  
South Dakota.....15016-17  
Sweden.....18397  
utilization  
Industrial.....15171, 15308  
See also 4-H clubs,  
field crops; raw mate-  
rials; and specific  
subjects.  
Agriculture....19374, 19380  
Algeria.....19320  
Argentina.....19296, 19328-9,  
19367, 19369, 19815  
Paraná Delta.....19327  
Tafi.....15337  
Australia...19200, 19309,  
19352  
New South Wales..19353  
Baltic States.....15117  
bibliographies.....15308  
Brazil.....19335-6  
São Paulo.....19175  
British West Indies....  
19385  
California  
San Diego County..19337  
Canada.....19303, 19313,  
19340, 19391, 19394  
Nova Scotia.....19348  
Yukon Territory..19378  
Chile.....19836  
China.....15139  
Colombia.....19289  
Colorado.....19184
- Item  
Agriculture--Continued  
Costa Rica.....19393  
Denmark.....19334, 19346  
Ecuador, Pichincha  
Province.....19178  
Estonia.....19366  
Ethiopia.....19319, 19357  
France.....15138, 18996, 19192  
Germany.....19305, 19322,  
19325, 19344, 19359  
Great Britain.....15114,  
19343  
Guatemala.....19209  
handbooks....15061, 15093  
Hungary.....19347  
Iran.....15126  
Italian East Africa....  
15342  
Italy.....18487  
Kansas.....14981  
Latin America.....15307  
Libya.....19196  
Louisiana.....15061, 19354  
Luxembourg.....19306-7, 19370  
Maine.....19330  
Malay Peninsula....19386  
Mexico.....19197, 19308,  
19323, 19360  
Minnesota.....15132  
New Guinea.....19298  
New Zealand.....19365  
organization.....19183  
Panama.....19332  
postwar...14735, 19398-9,  
19403  
South Dakota.....15018  
productive capacity  
Great Britain.....19351  
Washington (State)....  
15026  
Puerto Rico.....14814  
regulation  
Australia  
Tasmania.....19311, 19338  
British Empire...19291  
situation and outlook...  
14773, 15061, 19199,  
19341, 19350, 19361,  
19384  
Somaliland.....19356  
South Carolina.....18409  
Southern States....19202  
Sweden.....19293  
Switzerland.....19877  
tropical.....19814  
Tunisia.....19181, 19326,  
19355  
Union of South Africa...  
19207  
U. S. S. R.....19208  
Uruguay.....19379, 19383  
Washington (State)..15027  
See also Farms and  
farming; and specific  
subjects.  
Agronomy. See Fertilizers;  
Field crops; Soils.  
Agrotis orthogonia...18143  
Airplanes  
and pests....17930, 18048  
in apiculture.....17777  
transportation..18431-2,  
18439, 18811  
wood.....16665  
See also Dusts and dust-  
ing, by airplane;  
Sprays and spraying, by  
airplane.  
Aktiebolaget Svenska  
Handelsbanken.....19293
- Item  
Alabama argillacea  
control.....18114  
Alcohol  
and health.....19797  
from grain  
byproducts.....18858  
from sugar.....19140  
taxation.....19252  
Aleurocanthus woglumi  
parasites and predators  
of.....18082  
Aleyrodidae.....15445  
Alfalfa  
as cause of disease....  
16988  
as feed.....15843  
for poultry.....17299  
for swine..17620, 17626  
Australia.....15813  
Chile.....15842  
culture.....14996, 15810,  
15828, 15851  
diseases  
resistance.....15860  
fertilizers.....16338  
Germany.....18654  
pests.....17991  
seed...15811, 16338, 18654  
Alfalfa meal, as feed  
for rabbits.....17497  
Algae  
anatomy and physiology..  
15274  
as feed.....16771  
France.....15391  
marine.....15390, 15392  
See also Seaweed; and  
names and classes of  
Algae.  
Algarroba. See Mesquite.  
Alkaloid plants.....15690  
Alkaloids.....15700  
All-America Rose Selec-  
tions.....16056  
Allegan.....17170  
Allen Co. (Ind.) Farm  
Bur.....19693  
Allergies.....16810, 17776  
food.....19732  
See also Plants,  
allergy-producing.  
Alliums cepa. See Onions.  
Alliums fistulosum.  
See Onion, Welsh.  
Allomyces arbusculus...15650  
Allotetraploidy. See  
Polyploidy.  
Almonds, Palestine...18765  
Alphaea.....18117  
Alpine plants..16002, 16092  
Alstroemeria aurantiaca  
solendens.....16130  
Alternaria  
on tomato.....15514  
Altica ampelophaga...17953  
Altitude, effect on  
dogs.....17132  
plants.....15565  
Ameryllis.....16039  
Amelania.....15377  
Amblyomma americanum  
and disease.....17855  
American Aberdeen-Angus  
Breeders' Assoc.....16884  
American Dairy Sci. Assoc.  
17088  
American Farm Bur. Fed....  
19673  
See also names of farm  
bureaus.



Item	Item	Item	Item
American Forestry Assoc.	Anopheles gambiae	Apiculture--Continued	Argas miniatus.....17871
Forest Resource	Liberia.....18038	France.....17807	Argas persicus. See Argas
Appraisal.....16585	Anopheles gambiae melas... 18019	Georgia.....17812	miniatus.
American Inst. of Coop.... 19686	Anopheles quadrimaculatus and disease.....18015	history.....17793,17804	Argiope avara.....17852
American King Club...17250	breeding places....18034	India.....17795	Argynnis.....18108
American Rabbit and Cavy Breeders Assoc.....17519, 17526	Anophelinae and disease.....18044	legislation.....17757	Argythamnia argyreaa n. sp.....15356
Amino acids...18858,19785, 19793	Anophthalmus manhariensis n. sp.....17949	Mexico.....15226	Ariz. Agr. Expt. Sta. publications.....14961
in feed.....16743	Anoplocephala mamillana. See Paranocephala mamillana.	migratory.....17775	Ark. Beekeepers Assoc..... 17789
in poultry nutrition.... 17316	Anoplocephalidae.....17903	postwar.....17808	Armadillidium vulgare..... 17908
in yeasts.....19763	Anoplura.....17735	West Indies.....17761	Armed forces
Amioca.....15160	eggs.....18187	See also Apis mellifera; Beeswax; Honey.	food.....15183
Ammonia fertilizers..16532,16537	See also names of families and genera.	Apion sp.....17940	forestry.....16642
Ammoniac.....15733,18579	Ansatospora acerina..15508	Apis indica.....17795	See also U. S. Army; Veterans; Veterinary medicine; and under specific subjects.
Ammonium carbonate...17958	Antennaria.....15360	Apis mellifera	Armillaria, root rot
Ammonium sulfate fertilizers.16334,16348, 16352	Anthelmintics..17560,17637	acoustic observations... 17811	of fruit.....15519
Ammoplanus.....18089	See also names of anthelmintics.	anatomy and physiology.. 17764,17791	Aromatics
Amorpha fruticosa...17719	Antheraea pernyi....18167	as pollinators....17766, 17782,17786,17812	synthetic.....19066
Ampagia.....17967	Anthobium.....17916	breeding..17752,17759-60, 17770,17784,17814, 17816	See also Perfumery.
Amsacta albistriga...18140	Anthrax	diseases..17779-80,17792, 17797	Arsenicals
Amylase.....18868	of flax.....15487	habits and behavior.... 17663,17768,17778, 17781,17787,17794	insecticides.....17915
Anaplasmosis	of oak.....15472	nutrition...17751,17762, 17769	Artemisia.....15362
in cattle.....17015	of sycamore.....15472	pests..17682,17758,17821	Arthmius.....17955
in horses.....17165-6	of tobacco.....15528	poisoning.....17806	Arthropods.....17666
Anatomy.....15213,15216	Anthrax	races.....17809	anatomy and physiology.. 17671
Anchylarthron.....17955	in horses	See also Apiculture; Bees; Beeswax; Honey.	See also classes, orders, families, and genera.
Ancognatha.....17954	immunization....17175	Aponixia.....15610	Artificial insemination... 16728,16730,16739
Ancylostomiasis.....19579	in man.....16826	Apple scald.....14775	bees.....17784
Androsace vandellii..16072	tests.....16788	Apples	Canada.....16890
Anelosimus.....17858	See also Bacillus anthracis.	anatomy and physiology.. 15265	cattle.....16879,16890, 16916,16930
Anemia.....19771	Antibiotic substances. See Fungi, antibacterial.	Australia.....18760	cooperatives....16927
Anemia, infectious	Antigens. See names of antigens.	biochemistry.....15691	Great Britain.....16734
in horses....17164,17173	Antiseptics.....16857-8	Canada.....15978,18792	horses.....17156
virus.....17171	Ants	canning.....14926	See also Spermatozoa.
Anesthesia	and disease.....18081	diseases.....15484,15491, 15505,15507,15525, 15629	Artificial Insemination Inst., Cambridge, England 16734
for cats.....17124	as pests.....17821	grading and standard- ization.....18757	Arundo donax. See Giant reed.
for cattle.....17037	See also names of families and genera.	Great Britain.....18809	Ascochyta trifolii on clover, Egyptian.... 15474
for horses.....17167	Aonidiella aurantii..18079	marketing.....18809-10	Ascomycetae.....15394
Aneurin. See Thiamine; Vitamin B1.	Aphanomyces. See Root rot, of pea.	packing.....18757	Ascorbic acid
Angiospermae.....15717	Aphids, control.....18064	pests.....18135	in milk.....18577,18630
Angraecopsis gracillima... 16144	Aphidae	preharvest drop...15629, 15688	in vegetables.....19796
Anguillulina dipsaci. See Tulio root, of oats and weeds.	taxonomy.....18073	processing.....18837	See also Vitamin C.
Animal Diseases Res. Assoc., Scotland...16782	See also names of genera.	pruning.....15963	Ashes, fertilizers...16548
Animal industry.....15308	Aphtiria. See 1,2,3,4,5, 6 Hexachlorocyclohexane.	quality.....18820	Asilidae
See also U. S. Dept. of Agr., Anim. Indus., Bur. of.	Apiculture.....17772	spraying and dusting.... 15688	China.....17973
Animals	Argentina...17796,17805	statistics.....14756	See also names of genera.
Anatomy and physiology.. 15213,19811	as an occupation..17755, 17803	storage.....18843	Asociación Colombiana de Ganaderos.....17870
psychology...15312,16836	associations.....17789	diseases and pests.... 14775	Asociación Nacional de Industriales de Cuba.... 19252
See also Livestock; Ruminants; Wildlife; and names of animals.	beginners....17756,17785	utilization.....14927	Asparagus
Ankylosis, in dogs...17115	Bermuda.....17798	varieties...15903,15953, 15962,15968,15971, 15978	Canada.....18764
Anomalocornis geljskesi n. g., n. sp.....18053	colony management..... 17824-6,17835-6	Applesauce.....14928	culture.....16237
Anonaceae	laying workers..17833, 17841,17846	Apricots.....14875	marketing.....18764
Indochina.....15586	package bees.....17842	diseases.....15522	Asparagus racemosus..15683
Anopheles	queens..17828-9,17832, 17843,17843-4,17847	Aquilegia pubescens..16125	Aspen.....15706
and disease.18027,18030, 18039	robbing.....17827	Arachnida. See Spiders.	management.....16617
breeding places....18041	seasonal..17771,17830, 17837,17839	Arboretums.....15343,16106	Aspergillus...15322,15702
control.....18009,18012, 18022,18024,18026, 18043	swarming..17823,17831, 17838,17840,17845, 17848	Archips fumiferana...18146	Aspergillus niger...15624, 15655
marking.....18047	Fire.....17767	control.....18137	Aspidiotus perniciosus.... 18075
surveys.....18016	equipment..17773-4,17788	Arctiidae.....18147	Aster yukonensis.....15357
U. S. S. R.....18028	combs.....17790	Asia.....18117	Astragalus.....15378-9
Anopheles cruzii.....18021	hives.....17771,17783, 17810,17818	See also names of genera.	Athyria.....18142
		Ardein.....16942	
		Ardil.....18734	



Item	Item	Item	Item
Athyrmella n. g.....18142	Bananas--Continued	Begonia semperflorens.....	Black markets..18497,19099
Atlas moth. <u>See</u> Attacus	dried.....18835,18840	16071	<u>See also</u> under names of
atlas.	trade.....19707	Belgrano, Manuel.....19328	commodities.
Atropa baetica.....15580	Banco Agrícola de Bolivia.	Beloverone.....16034	Black scale. <u>See</u>
Attacus atlas.....18149	19216	Belostomatidae.....18067	Saissetia oleae.
Attitudes, farmer....19703	Banco Agrícola y Pecuário,	<u>See also</u> names of	Black vine weevil. <u>See</u>
Attractants, for insects.	Caracas, Venezuela..19217	genera.	Brachyrhinus sulcatus.
<u>See under</u> Baits and	Banco del Paraguay...19299	Belts.....18240,18247	Black widow spider. <u>See</u>
traps, for insects.	Bang's disease. <u>See</u>	Benzene hexachloride,	Latrodectus mactans.
Auctions. <u>See</u> subhead	Brucellosis.	gamma. <u>See</u> 1,2,3,4,5,6	Blackberries.....15986
purchasing under names	Banks and banking	Hexachlorocyclohexane	varieties.....15985
of commodities.	credit.....19220-3	Benzoic acid.....19732	Blackleg. <u>See</u> Clostridium
Aulexis.....17938	<u>See also</u> Credit.	Berries	chauvei.
Aureogenus magnivenus....	Barbecue pits. <u>See</u> Pits,	diseases.....15480	Blacksmithing.....18218,
15546	barbecue.	pruning.....15906	18364-5
Australia. Council for	Bark, analysis and	varieties.....15992	Bleaching. <u>See under</u>
Sci. and Indus. Res.19863	composition.....19154	<u>See also</u> names of	specific subjects.
Automobiles	Barley	berries.	Blepharida.....17922
conversion.....18302	biochemistry.....15722	Betsine.....15714	Blight. <u>See</u> Fire blight;
Autotetraploidy. <u>See</u>	culture.....15761,15794,	Beverages	Late blight.
Polyploidy.	15829	alcoholic.....18517	Bloat.....16789
Auxins. <u>See</u> Growth sub-	diseases...15460,15501,	Paraguay.....15207	in cattle...16988,17032,
stances for plants.	15506,15511	<u>See also</u> Brewing; and	17034
Aurospores.....15600	fertilizers.....16401	names of beverages.	
Avicularia.....17884	melting.....18891	Bibliographies.....15306	Blood
Avitaminosis. <u>See</u> sub-	pests.....17942	agricultural products...	analysis and composition
heads under Vitamins.	seed, treatment...15511	15308	17566
Avocados	varieties.....15772	agriculture.....15308	of cattle.....17017
culture.....15943	Barns.....15148	botanical periodicals...	of sheep.....17566
diseases.....15476	<u>See also</u> Sheds.	15286	serum.....17186-8
nutritive value...19739	Barrels.....16672	botany.....19833-4	Blood donors.....15064
varieties 15942,15946	Bartoo, Dorr Raymond.19833	food, nutritive value...	Blowflies.....17978
Awards	publications.....19833	14796	<u>See also</u> names of
food processing....14931	Basidiomycetae.15394,15407	glue.....14843	genera.
	Bats.....15454	insecticides	Blue-comb disease. <u>See</u>
B. W. D. <u>See</u> Pullorum	Bayberry wax.....19168	plant sources...14791	Pullet disease.
disease.	Beans	land economics...14762	Blue Cross Plan of
Babcock test.....18576	culture.....15065	legislation..14786,14855	Hospitalization (Canada).
Bacillary white diarrhea.	diseases...15488,15521	plywood.....14843	19619
<u>See</u> Pullorum disease.	dried.....16203	poultry diseases...17306	Blueberries.....15986
Bacillus abortivus	for processing....15065	prefabrication....15149	Canada.....18777
equinus. <u>See</u> Salmonella	harvesting.....16203	pulp and paper....14843	Bluegrass, Kentucky..16122
abortivoequina.	subsidies.....19410	sedimentation.....14910	Boars....17603,17606,17610
Bacillus anthracis...16824	<u>See also</u> Soybeans.	seed identification....	Body louse. <u>See</u> Pediculus
<u>See also</u> Anthrax.	Beans, kidney	14889	humanus corporis.
Bacillus whitmori. <u>See</u>	Bulgaria.....16197	study and teaching.14806	Bolivar Urrutia, Ignacio..
Malleomyces pseudomallei.	Beans, lima	U. S. Bur. of Plant	19846
Bacon.....18977-8	anatomy and physiology..	Indus., Soils, and	Boloria.....18148
Bacteria.....15730	15636	Agr. Engin.....14884	Bombus.....18085
nitrogen fixation..16306	nutritive value....19766	wood.....14843	Bombyx mori
<u>See also</u> names of	Bearings.....18308	<u>See also</u> names of	anatomy and physiology..
bacteria; and under	Bedbugs. <u>See</u> Cimex	authors of publica-	18173
names of commodities.	Bee trees.....17800	tions.	as food.....19767
Bacterial canker	Beech, European	Bichmaelia.....17875	diseases.....18168-9
of plum.....15535	culture.....15740	Bighead, in horses. <u>See</u>	rearing and breeding....
Bacterial ring rot, of	Beef	Osteoporosis.	18174-5
potato.....15532,15536	baby.....17058	Binders.....18259,18280	Bones, trade.....19714
Bacteriastrium.....15600	programs.....14754	Bins.....18368	Bonito.....19169
Bacteriology.....15309	Bees	Biochemistry.....19867	Bonnamaisoniaceae....,15640
Bacteriophages.15547,17018	Palestine.....18086	Biographies. <u>See under</u>	Bookkeeping. <u>See</u> Account-
Bacterium anatum....18936	venom.....17765,17802	names of persons.	ing.
Bacterium fluorescens....	<u>See also</u> Apiculture;	Biological control	Boophilus annulatus..17870
18420	Apis; and names of	of insects..17712,17727,	Boophilus annulatus
Bacterium putidum...18420	families and genera.	17997,18052,18070,	microplus.....17740
Bacterium pyocyaneum.18420	Reeswax.17753;17776,17782,	18111	Bordesaux mixture....15448
Bacterium syncyaneum.18420	17790,17799,17819	Biology.....15310,15313	Borg, John.....19856
Bacterium vasculorum	Beetles. <u>See</u> Coleoptera.	statistical methods....	Boron
on Cuban royal palm.....	Beets	19811	effect on plants..16200,
15538	anatomy and physiology..	study and teaching.19810	16540
Bactroceps n. g.....17861	15652	Biometry. <u>See</u> subhead	fertilizers 16338,16539
Badister.....17965	as feed	statistical methods under	in plants..15695-6,15698
Bag.....18650	for swine.....17624	Biology; Botany.	Botanic gardens. <u>See</u>
Baits and traps, for	costs and returns..19491	Biotin.....17133	names of botanic gardens.
insects.....18029	fertilizers.....16354	Birch.....15706	Botanists. <u>See</u> names of
attractants.....17974	for processing....19491	wood.....14839	botanists.
Baker, Richard St. Barbe..	situation and outlook...	Birds	Botany
16569	14933	and disease.....17337	collecting and
Bakery products.....14958	<u>See also</u> Sugar beets.	insect food.....17696	collections.....16247
Banana flour.....18835	Begonia	<u>See also</u> names of birds.	economic.....15264
Bananas	culture.....16148	Black cherry aphid. <u>See</u>	nomenclature.15325,15334
Colombia.....18755	propagation.....16035	Myzus cerasi.	periodicals.....15286
Cuba.....18771	varieties.....16024		statistical methods.....
diseases.....15523	Begonia rex.....16055		15781



Item	Item	Item	Item
Botany--Continued	Bruchus pisorum.....14788	Buxus.....15375	Canning and preserving--
study and teaching.....	Bryophyta		Continued
15289,15589	equatorial Africa..15389		<u>See also</u> 4-H clubs,
technique and equipment.	<u>See also</u> Musci.		canning and preserving;
15572	Buchenavia capitata..16599	Cabbage	Preservation of food;
terminology.....15920	Bucida, oxhorn.....16599	culture.....16218,16234	Vegetables, for proc-
<u>See also</u> Flora; Plants;	Bucida buceras. <u>See</u>	Germany.....15826	essing; and subheads
Vegetation.	Bucida, oxhorn.	pests.....17702,18107	canned, canning, and
Bottles. <u>See</u> Milk,	Buckellacris n. g....18161	situation and outlook...14934	preservation under
containers.	Buckskin virus	Cabbage, Chinese. <u>See</u>	names of products.
Botulism.....18416	of cherry.....15554	Pakchoi.	
Bouteloua eriopoda...15731	of peach.....15554	Cacao	
Bowles, Chester.....14925	Buckwheat	diseases.....15476	Cens.....18456,18460
Bowling, G. A.....16915	analysis and composition	Cactus. <u>See</u> names of	Canvas.....18708
Boxes	18859	cacti.	Canonizing. <u>See</u>
fiberboard.....16699	utilization.....18859	Caesarian section	Castration, poultry,
paperboard.....16691	Buddleia.....16053	cattle.....17036	Capon. <u>See</u> Poultry,
Boynton's tissue vaccine..	Buddleia davidii.....16112	Cafeterias.....18449	capons.
17046	Buffaloes.....16964	Caffein	Caporiacoilus fallax n. sp.
Brachyrhinus sulcatus.....	Building materials. <u>See</u>	in tea.....18523	17897
17923	kinds of building	Caja de Crédito Agrario,	Capsicum annuum. <u>See</u>
Bran.....18878	materials.	Colombia.....19224	Redpepper, bush.
as feed	Buildings.....15146,15158,	Calathea lutea.....19171	Carabidae
for rabbits.....17497	18318	Calcification	Australia.....17911
for swine.....17626	maintenance and repair..	in lungs of calves.17028	<u>See also</u> names of
Branding. <u>See</u> subhead	18315,18319	Calcium	genera.
identification under	mosquito-proofing..18036	in plants.....15644	Carbohydrates. <u>See</u>
names of animals.	New Zealand.....19553	in poultry nutrition....17269	Starches; Sugar.
Brassica.....14886	prefabricated.....18322	<u>See also</u> Lime.	Carbon.....17677
Brazil. Instituto de	bibliographies...15149	Calcium oxalate.....15717	Carbon dioxide.....18481
Oleos.....19803	<u>See also</u> Barns; names of	Calculi, pancreatic	Carbon tetrachloride.17170
Brazil. Instituto de	kinds of buildings; and	in cattle.....16985	Cardamom.....18178
Texteis.....19803	subhead housing under	Calesiodes n. g.....18142	Cardamom thrips. <u>See</u>
Bread. <u>See</u> 4-H Clubs,	names of animals.	Calif. Lima Bean Growers	Taeniothrips cardamomi.
bread.	Bulbs (plant)..14882,16019,	Assoc.....14925	Carepalxis.....17884
Bretton Woods Agreement...	16073	California red scale. <u>See</u>	Cerex stenoptila.....15368
15208,18700	culture.....16116	Aonidiella aurantii.	Carlsson, C. E.....16925
Brewers' grains, as feed	storage.....16131	Calif. Univ. Bot. Gard....	Carnation. <u>See</u> Dianthus.
for swine.....17630	Bulldozers.....18221	16163	Carota.....18717
Brewing.....15161,19790	Buller, Arthur Henry	California aster yellows	Carotene
Bright's disease	Reginald.....19839	of flax.....15555	in animal nutrition.....
in dogs.....17127	publications.....19839	Caligocara.....17955	17566
Brining. <u>See</u> subheads	Bullis fever	Callobaetis.....18179	in plants.....19775
under names of products.	transmission.....17855	Callocolax globulosis	<u>See also</u> Vitamin A.
Bristle grass.....14888	Bulls.....16879	n. sp.....15390	Carotinoids.....19764
Bristle tails. <u>See</u>	Bulls.....17074	Callymenia.....15392	Carp.....19161
Thysanura.	diseases.....17042	Calves and heifers	Carpobrotus edulis. <u>See</u>
British Boys for British	records and testing.....	feeding and nutrition...16947	Hottentot fig.
Farms Scheme..19578,19587	17082	prices.....14863	Carpocapsa pomonella
British Columbia Fruit	Bundaberg (Queensland)	statistics.....14865	control.....18106,18130
Growers' Assoc.....18794	Sugar Expt. Sta.....19131	Calves and heifers, beef	Carré's disease. <u>See</u>
Broilers. <u>See</u> Poultry,	Bunoderus.....17955	feeding and nutrition...16952	Distemper.
meat production.	Bunostomum phlebotomum.	shows and sales....17080	Carrots
Brome.....16363	<u>See</u> Hookworm.	weight and measurement..17073	analysis and composition
Bromeliaceae.....15385	Buprestidae.....17962	Calves and heifers, dairy	19764
Bromeliads.....16046	Bur-clover....15854,15861	care.....17054,17066	canning.....14929
Bronchitis	Butchering. <u>See</u> Slaugh-	Calystegia sepium...15693	diseases.....15508,15529
in cattle.....17021	tering.	Camellia.....15295	situation and outlook...14934
Bronchopneumonia	Butler, Sir Edwin John....	Campanula lasiocarpa.16169	Cartons. <u>See</u> Containers,
in calves.....16981	19852	Campanulaceae.....15701	paper and paperboard.
in cattle.....17021	Butter	Canada. Agr. Food Bd.19410	Cartoons.....14744
Broom (plant)..15195,18674	bacteria.....18584	Canada. Dept. of Mines and	Casein.....16942
Broomweed. <u>See</u> Snakeweed.	Canada.....18634	Resources. Lands, Parks	Cashews.....14862
Brown rot	cooperatives.....18632	and Forest Branch...16712	India.....18800
of citrus.....15457	flavor and odor...18606	Canada. Expt. Farms	pests.....17683
of peach.....14776	Germany.....18552	Nappan (N. S.).....19859	Cassava..16274,18796,19766
of plum.....15522	manufacture.....18629	Canarygrass, little seed..	India.....16278
of potato.....15534	rationing.....18964	15831	Puerto Rico.....16264
Brucella abortus.....16810	vitamins.....19787	Canavalia. <u>See</u> Jackbean.	utilization.....18797
vaccines.....14783,16991,	Butterfat. <u>See</u> Milk, fat.	Cannibalism. <u>See</u> subhead	Cassava starch.18825,18841
17002,17006	Butterflies	vices under Poultry; and	Cassia.....15595
Brucellosis	Andes.....18125	kinds of poultry.	Cassida.....17937
control.....16778	habits and behavior....18121	Canning and preserving	Cassida spaethiana
immunization.....16812	India.....18151	Chile.....18852	(Gressitt) n. n.....17936
in cattle	Madeira.....18131	community.....18480	Cassidinae.....17937
control.....16812	<u>See also</u> names of	home...14739,14809,14956	Castilla.....15723
Germany....16979,17010	families and genera.	industry.....18477	Castilleja culbertsonii...
immunization...16991,	Buttermilk	statistics.....18852	15369
17002	analysis and composition		Castilloa.....15723
India.....17025	15183		Castor-bean tick. <u>See</u>
transmission....17012	quality.....15183		Ixodes ricinus.
tests.....16807,16825	Butyric acid.....15732		Castor-beans
therapy.....16820			insecticides
			bibliographies...14791



Item	Item	Item	Item
Castration.....16784	Cattle, beef	Cattle, dairy--Continued	Cerambycidae--Continued
cattle.....17038	associations.....16884	Germany.....16901	See also names of
poultry.....17448	Australia.....17058	Great Britain.....19498	families and genera.
sheep.....17556	breeds and breeding....	hybrids.....16900,16907	Ceramiaceae.....15270
Catch crops...16214,16223	16914	India.....17081	Cerastium trigynum...15371
Catenomyces persicinus....	Aberdeen-Angus.....	judging.....17085	Ceratopogonidae.....18003
15584	16882-4,16877,	lactation....17001,17039	See also names of
Catopsilia.....18120	16894-5,16919,16926,	milk production...16933,	genera.
Cats	16929,18917	17001,17006,17009,	Ceratitis capitata
care.....17146	Brahman (Zebu)...16892,	17062,17870	Uruguay.....17987
diseases....17110,17135	16907,16912	effect of feeding....	Cercospora festucae n. sp.
See also names of	Hereford..16878,16899,	16942,16945,16949,	on fescue.....15395
anatomical parts,	16904,16931,18966	16966,16969	Cereal products. See Grain
diseases and parasites.	Shorthorn.....16912	seasonal.....17094	products; and names of
Cattle	Sussex.....15219	purchasing.....16980	products.
anatomy and physiology..	California.....17084	records and testing....	Cereals. See Grain.
15214	Canada.....18894	17048-9,17051,17063,	Cerioides malleus n. sp...
Argentina...16911,17029,	care...16941,17056,17067	17075,17078,17093,	17984
18981	farms and ranches.16894,	17095	Ceropegia.....15373
breeds and breeding....	16899,16912,17087	regulation and inspec-	Cetonana.....17884
16885,16887,16911,	feeding and nutrition...	tion.....18959	Chaetomorpha.....15392
16917,17046	16967	shows and sales...16980	Chalarra quercina
dual purpose....16922	pasture and range....	slaughtering.....17050	on oak.....15515
Shorthorn 16902,19871	16941,16943,16968,	study and teaching....	Chaparral.....15565
Polled.....16920	16972	16915,17081	Chapman, John.....19831
Chile.....18908	Florida.....18928	Sweden.17068,17076,17095	Charcoal...16614,16673-4,
China.....18925	French.....16882	Tropics.....16907	16676-8,16710,18855
cooperatives.....16911	history.....16919	Uruguay.....17049	Chart cases.....14902
Costa Rica .....17079	hybrids.....16892,16912	weight and measurement..	Chaste-tree, lilac...16270
costs and returns.14972,	identification....17061	16881	Cheese
19489	industry....17055,17057,	See also Artificial in-	analysis and composition
dehorning.....17065	17084	semination, cattle;	18585
diseases....14782,14991,	Luxembourg.....18896	Calves and heifers,	Canada.....18634
16982,16990,17023	prices.....14865,18966	dairy; Dairy industry;	kinds
draft..17059,17077,17090	programs.....14753	Feed; 4-H Clubs,	cheddar...18585,18631,
estrus.....16975	records and testing....	cattle; Milking;	18638
feeding and nutrition...	16877	Pastures; Sheds;	cottage....14942,14953
14972,16889,16925,	situation and outlook...	Veterinary medicine;	Edam.....18625
16937,16955,16959,	18899	and names of feeds and	goats milk.....18639
16961,16963	South Carolina....18913	of anatomical parts,	sheep milk.....18639
deficiencies....16958,	Texas.....18924	diseases, parasites,	manufacture.....18625-6,
16962	transportation....18955	and products.	18631
pasture and range....	Uruguay.....18982	Cattle follicle mite. See	home.....18617
14851,16948,16954,	Wyoming.....17083	Demodex bovis.	quality.....18610
16999	See also Artificial in-	Cattle grubs. See	starters.....18637
seasonal.....16973	semination; Barns;	Hypoderma.	Switzerland.....18641
fertility...15217,16880,	Calves and heifers,	Cattle plague. See	Union of South Africa...
16889,16897,16906,	beef; Castration; Feed;	Rinderpest.	18631
16910,16925,16932	4-H Clubs, cattle;	Cattle tick. See	Cheiranthus.....16025
France.....16887,18914	Oxen; Pastures; Sheds;	Boophilus annulatus.	Chemistry
heredity....15217,16920	Veterinary medicine;	Cattleya velutina...15998	Colombia.....19876
India.16937,17014,17017,	and names of feeds,	Cauliflower	See also Biochemistry.
17043	anatomical parts, dis-	varieties.....16199	Chemurgy.....18424
injuries	eases, parasites, and	Cave fauna....17778,17964	Chenopodium.....17636
foreign objects..17037	products.	Cedar.....15341	Cherimoyas.....15933
Italian East Africa....	Cattle, dairy.....17060	Cellars. See Storage,	Chernozem soils.....16286
17053	associations.....16898	cellars and pits.	Cherries
Italy.....16880	Australia.....17048	Cellulose.....18747	anatomy and physiology..
Latin America.....18930	Brazil.....17062,18920	fiber.....15193	15970
marketing.....18942	breeds and breeding....	Italy.....15179,19159	culture.....15959
Mexico.....17052	16903,16915,17075	Portugal.....15193	diseases...15482,15554,
parasites.....14778	Ayrshire...16913,16924	sources.....16661,19160	15557
parturition.....17047	Fleckvieh.....16901	utilization.....15179	pests.....17725
poisoning.....16974	Guernsey...16908,16923	Celtis occidentalis. See	spraying and dusting...
pregnancy.....17009	Holstein-Friesian....	Hackberry.	15970
prices.....14863	16881,16891,16907,	Census	Cherry, oriental.....16113
control.....18963	17049	agriculture	Chestnuts
research .....14784	Jersey...16898,16905,	Missouri.....18489	soils.....16313
situation and outlook...	16909,17063	Panama.....18486	Chick embryos. See
14757	Milking Shorthorn....	Brazil.....18485	Embryos, chick.
surgery.....15214	16888,16893,16921	coffee	Chicken mite. See
Uruguay.....18942	Normandy.....17049	Dominican Republic....	Dermanyssus gallinae.
See also Artificial	Canada.....17093	15174	Chickens. See Poultry.
insemination; Barns;	care..15111,17071,17086,	Centipedes. See Chilopoda.	Chicks
Bulls; Calves and	17089	Central Valley Project,	anatomy and physiology..
heifers; Castration;	Ceylon.....16900	Calif.....16432	17339
Feed; 4-H Clubs,	costs and returns..19498	Cephalosporium diospyri	care.....17384,17408
cattle; Oxen; Pastures;	feeding and nutrition...	n. sp.	seasonal.....17385
Sheds; Veterinary med-	14994,15069,15113,	on versimmon.....15393	feeding and nutrition...
icine; and names of	16936,16938-40,	Cephenemyia jellisoni....	17284,17284,17301
feeds and of anatom-	16953,16964,16970-1	17983	Chicopee Mfg. Co.,
ical parts, diseases,	pasture and range....	Cerambycidae	Chicopee Falls, Mass.....
parasites, and	16944,16950,17012	China.....17934-5	18702
products.	seasonal...16934,16956		



Item	Item	Item	Item
Chicory.....16229	Citrus--Continued	Cod-liver oil.....19772	Colo. State Col. of Agr.
Children	Nicaragua.....15284	Codling moth. <u>See</u>	Div. of Forestry and
care.....15100	pests.15464,17725,17748,	Carpocapsa pomonella.	Range Conserv.....16722
welfare.....15134	18062-3	Coffee	Colts
<u>See also</u> Infants; Youth.	prices	analysis and composition	feeding and nutrition...
Chilopoda	control.....18823	18504	17157,17160
bites.....17882	processing.....19873	as fertilizer.....16549	Columbia River Basin.14914
Helgoland.....17664	pruning.....15944,19496	Brazil.....15164-5,15197,	Irrig. Proj.....15027
<u>See also</u> names of	Puerto Rico.....15913	15785,15802,16261,	Columbine. <u>See</u> Aquilegia
families and genera.	situation and outlook...	18494,18513,18518,	pubescens.
Chironomus claripennis	18780	18520,18524,19483,	Combined Food Bd.....18401
Malloch. <u>See</u> Harnischia	South America.....15928	19547,19550,19719	Combines.....18275
galantera n. n.	Tripolitania.....18787	Colombia.....18515,19728	Comisión Nacional Pro-
Chironomus pallidus	<u>See also</u> names of	consumption.....18504	ductores de Leche
Johannsen. <u>See</u>	fruits.	costs and returns..19483	(Uruguay).....18598
Microtendipes caducus	Citrus blackfly. <u>See</u>	culture.....16268	Committees
n. n.	Aleurocanthus woglumi.	diseases.....15467	agricultural
Chlorella vulgaris...15678	Clastoptera proteus	Dominican Republic.15174	Australia.19310,19314,
Chlorellin.....15678	nigricollis.....18065	El Salvador.....18495	19316,19333,19372,
Chlorosis, infectious	Clavaria.....15407	fertilizers.....16349	19390,19392
of broom-jute sida.15445	Clays.....16319	flavor and aroma...18528	Commodities. <u>See</u> Agricul-
Chorisia.....16267	<u>See also</u> kinds of clay.	grading and standardiza-	tural products; Raw
Chorthippus parallelus...	Cleomenes.....17935	tion.....18498,18504	materials; and names of
18153	Climate and weather	history.....18524	commodities.
Christmas.....15050-2	Ecuador.....19178	Italian Africa.....18501	Common malaria mosquito.
Chromosomes	effect on	Italian East Africa.....	<u>See</u> Anopheles quadri-
insect.....18094	insects...17787,18128	16282,18504	maculatus.
plant.15578,15596,15598,	plants...15265,15333,	Latin America.....18525	Communications
15607,15709	15416,15505,15564,	Nicaragua.....18497-8	Ecuador.....19178
<u>See also</u> Genes; Meiosis;	15937,15950,17787	nutritive value...19778	Communities
Mitosis; Polyploidy.	<u>See also</u> Frost;	pests.....17917-19	cooperatives.....19272
Chrysanthemum.15267,16042,	Humidity; Meteorology;	policies.....18492-3	Mississippi.....19564
16135	Precipitation; Temper-	prices.....18512	organization.....19573
anatomy and physiology..	ature; Wind and sub-	control 18497,18520	programs....14758,14819
15664	head injuries under	processing..18210,18501,	<u>See also</u> Canning and
culture.....16031,16051,	specific subjects.	18503	preserving, community;
16121,16151	Clogs.....16654	shading.....16261	Cooperation, neigh-
diseases.....15455	Clostridium.....15732	soils.....16375,16381	borhood; Leadership,
varieties...16026,16068,	Clostridium chauvei..16824	statistics.....18515-6	rural; Recreation;
16136,16155,16167	Clothes moths.....18127	trade....19705,19715-16,	Refrigeration, com-
Chrysanthemum maximum....	<u>See also</u> Tinea, Tineola,	19719,19728	munity; Villages.
16057	Trichophaga.	Coffee berry borer. <u>See</u>	Composts.....15553
Chrysomphalus aspidum.....	Clothing. <u>See</u> 4-H Clubs,	Stephanoderes hampei.	preparation.....16547,
18057	clothing; Sewing.	Coimbatore Agr. Col..17081	16552-4,16558
Chrysomya rufifacies.17985	Clover	Colchicine	Compression of food. <u>See</u>
Chryso.....17858	anatomy and physiology..	effect on plants..15576,	<u>under</u> names of products.
Churches.....15133,19591,	15673	15876	Concentrates (feed)..18652
19634,19639,19665	diseases.....15496	Colchicum.....16086	for cattle.....16965
Chyphotes bicolor n. sp...	pests.....17940	Cold (disease). <u>See</u>	for rabbits.....17503
18092	<u>See also</u> Bur-clover;	Coryza.	Conchostreptus n. g..17894
Chytridiales...15398,15577	Sweetclover; and kinds	Coleoptera	Confectionery.....15201
Chytriomycetes n. g.....15398	of clover.	aquatic.....17959	industry.....19139
Ciboria carunculoides	Clover, crimson.....15291,	China.....17934-5	Conferences and congresses
on mulberry.....15411	17812	Germany.....17941	15307
Cicadidae.....18074	Clover, Egyptian	Great Britain.....17677,	<u>See also</u> names of con-
<u>See also</u> names of	diseases.....15474	17932	ferences and <u>under</u>
genera.	Clover, Ladino.....17786	Isle of Man.....17912	specific subjects.
Cider.....18509	Clover, white.....17812	<u>See also</u> common group	Conferência das Classes
Cimex lectularius....18069	culture.....16122	names; and names of	Produtoras, Teresópolis..
Cinchona	Clover-leaf weevil. <u>See</u>	families and genera.	19336
Colombia.....19173	Hypera punctata.	Colias.....18098,18126	Congrès National
diseases.....15475	Clubs. <u>See</u> 4-H Clubs;	Coliform bacteria...17118,	Pomologique (France).....
Citrus	names of organizations;	18587	18758
anatomy and physiology..	and subhead associations	Collective farming	Congreso de Productores
15644,15649	<u>under</u> specific subjects.	India.....19468	de Leche (Chile)....18543
Argentina.....18785	Cnemidocoptes mutans.17886	U. S. S. R..15200,19208,	Coniferae
biochemistry.....15644	Cobalt	19423,19540	diseases.....15461
byproducts	in animal nutrition.....	Colletotrichum. <u>See</u>	Conopistha.....17869
as feed.....16938	16958	Anthracoze, of tobacco.	Conotrachelus denieri....
cooperatives.....18814	Coccidae	Collomia.....15370	17950
costs and returns..19459	control.....18062	Collybia collina....15403	Conservation. <u>See</u> Conser-
culture.....16538	<u>See also</u> names of	Colonization. <u>See</u> Land,	vation of natural re-
diseases...15502,15422,	genera.	settlement and coloniza-	sources; Soil conserva-
15428-30,15540,15560	Coccidiosis	tion.	tion; and <u>under</u> specific
control.....15457	in calves.....16996	Color	subjects.
history.....15913	in poultry.....17329	of insects.....17943	Conservation farming.....
industry....18767,18814	control....17303,17319	<u>See also</u> <u>under</u> specific	14919,16328,16330,16512
injuries.....15465	in turkeys.....17335	subjects.	costs and returns..19481
juices and sirups	Cocks.....17356-7	Colorado potato beetle.	<u>See also</u> Contour farm-
concentrated....18827	care.....17229	<u>See</u> Leptinotarsa	ing; Terracing.
labor.....19285	Coconuts	decemlineata.	
Latin America.....18768	Philippine Islands.18772		
marketing.....18806	seed.....18836		



Item	Item	Item	Item
Conservation of natural resources.....19809	Corn--Continued	Cotton--Continued	Counties--Continued
conferences and congresses.....15311	marketing.....14752	research....14987,18695,18706,18714,18724	Virginia
international.....19805	Northwestern States.....15795	situation and outlook...15202,18662-3,18677,18724,18751	Patrick.....15986
study and teaching..14912	pests..17710,18115,18141,18150	South Carolina.....18679	Princess Anne....14891
Constipation	plastics.....18801	Southern States....18705	Washington
in horses.....17177	prices.....14865	spinning.....14866	Pierce.....17389
Construction...14903,18314	Spain.....15804	tests.....18702	County agents. <u>See under</u>
Consumers. <u>See</u> Cooperative organizations, consumer.	utilization.....18874	statistics...15185,18719	Extension work.
Consumption. <u>See under</u> names of commodities.	<u>See also Insurance and under Silage.</u>	subsidies.....19411	County agricultural commissioners. (Calif.).19640
Containers.....18459	Corn, sweet.....14736	surpluses.....15178	Courbaril.....16599
fiberboard.....16697	biochemistry.....14976	Texas.....18695	Court-noue
paper and paperboard....18458	breeding.....16225	textiles.....18666	of grape.....15418
plywood.....16707	culture.....16209	trade....14835-6,15178,15208,18716	Cover crops...16379,16389
used.....15209	hybrid.....16210	Cotton Bale compressors...18224	orchard.....16332
<u>See also 4-H Clubs, containers; kinds of containers; and under names of commodities.</u>	storage.....14976,18838	Cotton Futures Act...18723	<u>See also</u> Catch crops.
Contour farming.....16493,16501	varieties....14976,16211	Cotton gins.....18278	Cowpeas.....15753
Cookery...15041-2,15051-4,15237,15240,19751	Corn earworm. <u>See</u> Heliothis armigera.	Cotton leafworm. <u>See</u> Alabama argillacea.	Cows. <u>See</u> Cattle.
meal planning....14948,15239	Cornell University	Cotton Res. Cong., 6th, Dallas, 1945.....18724	Coyotes.....16866
recipes.....14946,15246	Dept. of Plant Pathology	Cottonseed.....18684,19068	Crabro.....18095
<u>See also</u> Institutions, food; Lunches; Nutrition (human); and under names of foods.	Corrosion.....18817	industry.....19067	Crafts. <u>See</u> 4-H Clubs, crafts.
Cooperation	Corynebacterium pyogenes..16849,17041	pests.....17720	Cranberries
Argentina.....19694	Coryza	treatment.....17720	anatomy and physiology..15576
Brazil.....19170,19684	in poultry.....17328	Cottonseed hulls....19063	Crane flies. <u>See</u> Tipulidae.
Denmark.....19689	therapy.....17352	Cottonseed meal.....19036,19061	Crataegus egglesoni.15350
Germany.....19463,19687	Cosmetics.....17744	Cottonseed oil	Crates.....16671
Great Britain.....18594	Cossus cossus.....18135	extraction.....18256	Cream
Guatemala.....19868	Cost and standard of living	Cotugnia bhalariaol...17336	care and handling..18622
India.....19205	Brazil.....19109	Coumarin.....15728	cooling.....18620
neighborhood.....19681	Canada.....15170	Councils, agricultural. <u>See</u> Committees, agricultural.	fat.....18629
Cooperative organizations.	Denmark.....19185	Countries	frozen.....18620
19122,19676,19688,19695	Italian Colonies...19413	California	quality.....18609,18622
activities...19677,19686	Puerto Rico.....15136	San Diego.....19337	regulation and inspection.....14958
administration.....19680	statistics.....19190	Colorado	Creameries. <u>See</u> Milk plants.
Australia.....18632	<u>See also</u> Prices; Social conditions.	Weld.....19573	Credit.....19219,19925-6,19231-2
Canada	Cotton...14858,18687,18710	Illinois	Australia....18646,19215
directories.....19670	anatomy and physiology..15656	Champaign.....14971	Bolivia.....19216
consumer.....15118	Anglo-Egyptian Sudan....18719,18721	McHenry.....14973	Brazil.19109,19218,19229
finance.....19699	Belgian Congo.....18667	Platt.....14971	Colombia.....19224
Germany.....19685	Brazil.18659,18682,18732	Indiana	Italy.....19230
Luxembourg.....19682	conferences and congresses.....18724	Allen.....19693	long-term
Mississippi.....19683	consumption.....18672	La Porte.....14893	India.....19228
Pennsylvania.....19698	credit.....14867,14871	Iowa.....15119	Mexico.....19197
research.....19668	culture.....15806	Kansas	mortgage....14760,18490,19221
Yugoslavia.....19672	equipment...14881,15023,18262,18286	Ellsworth.....19608	short-term.....19227
<u>See also</u> names of organizations; and sub-heads cooperative and cooperatives under specific subjects.	exchanges.....18712	Louisiana (Parishes)	Venezuela.....19217
Copaiba.....18991	fiber.18699,18719,18735,18745	Vermilion.....19354	<u>See also</u> Banks and banking; Government, aid to agriculture; and under names of commodities, industries, and Government agencies.
Copper	tests.....15173	Mississippi	Cricketts.....14789,14959
fungicides..15457,15465,15494,15510	futures.....18668,18700,18707,18716,18720,18723,18729	Jefferson Davis..19213	Crinkle
Coprophagy	harvesting...15023,18286	Marion.....19213	of strawberry.....15545
in rabbits....17513,17516	India.....18706,18733	Nebraska	Crinum defixum.....16845
Corn.....19870	industry....18669,18720	Cass.....18326	Crocus.....16134
Argentina.....15832	Italian Africa...18692	New Jersey	Crop residues.....16379
Brazil.....15802	irrigation...14962,18721	Ocean.....15339	Crops. <u>See</u> Agricultural products; Agriculture; Catch crops; Cover crops; Field crops; Forage plants; Government, aid to agriculture; Insurance, crop; Root crops; Rotation of crops; Statistics; names of products, industries, and Government agencies; and specific subjects.
breeding.....15789	Italian Colonies...18735	New York	Crowley silt loam...14962
culture.....15753,15755,15792,15803	labor.....19261	Albany.....15001	Cryptococcus farcy. <u>See</u> Lymphangitis, mycotic.
diseases....15490,15541	linters.....18711,18747	Allagany.....15001	Cryptophagidae.....17921
equipment.....18275	marketing...18713,18726,18733	Delaware.....14999	<u>See also</u> names of genera.
fertilizers.16337,16382,16388,16402	Mississippi.....14987	Jefferson.....15001	
Germany.....15783	Peru.....18677,18737	Ontario.....19491	
history.....15804	pests.17693,17743,17950,18114,18136	Rensselaer.....19627	
hybrid.....15795	prices.....18660	Tennessee	
irrigation.....14962	processing.....18670	Cumberland.....15020	
	purchase and sale programs.....14943	Haywood.....15020	
	quality.....18681	Rutherford.....15020	
		Shelby.....19435	
		Texas	
		Palo Pinto.....18171	
		Utah	
		East Juab.....19568	



Item	Item	Item	Item
Cryptophagus.....17921	Dairy herd improvement	Deficiency diseases	Diptera
Cryptostegia...15723,19116	associations 17093,17095	of livestock 16850,16999	anatomy and physiology..
Crystal violet.....17164	Dairy industry.....15199,	<u>See also subheads under</u>	17992
Cuboni's Test.....17180	15308,18536,18564-5	Nutrition (human); and	France.....18001
Cucumbers	Argentina....18556,18561	names of diseases.	<u>See also common group</u>
diseases.....15510,15526	Australia...18570,17574,	Dehydration	names; and names of
Cucurbita pepo. <u>See</u>	19404	research.....19819	families and genera.
Squash.	Brazil.....18567	<u>See also subhead drying</u>	Dirofilaria repens
Cucurbits	Chile.....18543	under names of	in dogs.....17113
anatomy and physiology..	cooperatives.15196,18598	commodities.	Discocyrtus.....17896
15686	costs and returns.14865,	Delastriopsis oligosperma	Diseases.....17728
biochemistry.....15704	19479	15404	transmission.....18030
Culex fuscatus.....18033	equipment.....18381	Delesseria.....15392	tropical.....17717
Culex tarsalis.....18031	sanitation.18544,18591	Delphinium	<u>See also Deficiency</u>
Culicidae	farms.14973,16891,16893,	culture.....16077	diseases; Pathology;
Bolivia.....18018	16913,16924,17092,	varieties.....16127	Phytopathology; Veter-
<u>See also Mosquitoes; and</u>	19473	Delta Council.....19542	inary medicine; names
names of genera.	diversified.....15004,	Demerol hydrochloride.....	of diseases and
Culicoides.....18003	17069	17124	vectors; and under
Cumbu. <u>See</u> Pearl millet.	Great Britain....17069,	Demodex bovis.....17859	Livestock, Plants, and
Cupila.....17955	18605,18633,18958	Demonax.....17935	names of animals and
Cupila (Cutrimia)....17955	Hawaii.....18539	Demonstration farms. <u>See</u>	plants.
Curdiea.....15392	Indiana.....18555	Farms and farming,	Disemolus.....17861
Curing. <u>See</u> subheads	labor.....14984	demonstration.	Disinfectants.....14780
curing and preservation	management...17086,19457	Demonstrations.....19620	Disodium ethylene
under names of products.	Minnesota.....18557	<u>See also Equipment,</u>	bisdithiocarbamate..17905
Curly top	Netherlands.....18542	demonstrations.	Distemper
of flax.....15432,15555	New York (State)...15004	Dendrobium densiflorum....	in dogs.....17111,17114,
Current, black.15984,17868	postwar.....18604	15999	17116-17
Current bud mite. <u>See</u>	programs.....14879,15031	Dermamyssus gallinae.17889	immunization....17122
Eriophyes ribis.	regulation and inspec-	Dermatitis.....19750	Distribution. <u>See</u>
Currants.....14793	tion.....18958	in dogs.....17137	Markets and marketing;
pests.....17868	research.....14989,18623	in rabbits.....17573	and under Milk.
varieties.....15893	sanitation...17070,18270	in sheep.....17573	Ditches.....14903,16454
Cuscuta. <u>See</u> Dodder.	situation and outlook...	Dermatobia hominis...17740	<u>See also Irrigation,</u>
Cushing General Hospital,	17088,18537,18540,	Derris elliptica. <u>See</u>	canals and ditches.
Framingham, Mass....16149	18545,18549-50,	Jewelvine, tubaroot.	Diversified farming..18807
Cyanide.....16809	18553-4,18563,18566	Desert locust. <u>See</u>	Australia.....19445
Cyllibano sternalis n. sp.	study and teaching.19592	Schistocerca gregaria.	<u>See also subheads farms</u>
17879	subsidies.....19404	Deutzia scabra plena.16048	and farms and ranches
Cymatodera ovipennis.17948	Uruguay.....18598	Dextrose.....18422	under names of live-
Cyrtandra n. g.....18142	Venezuela.....15180	Diabetes.....18559	stock.
Cystochoila vitilevuana...	work management...19271,	Diacanthodes.....15408	Docking.....17556
18055	19276	Dianthidium hoplostomum	Dodder.....14887
Cystitis	<u>See also Cattle, dairy;</u>	n. sp.....18086	Dogs
in dogs.....17136	4-H Clubs, dairy;	Dianthus.....16038,16045,	anatomy and physiology..
Cytisus.....16083	Milk; Milk plants; and	16099,16152,16161	17121,17125
Cytisus kewensis.....16058	names of dairy plants.	varieties.....16063	anomalies.....17120
Cytology	Dairy products	Diaphania nitidalis..18133	breeds and breeding....
insect.....18146	analysis and composition	Diaphanoscope.....15442	15215,15218,15222,
<u>See also Genetics; and</u>	15190	Diarrhea	17106,17120
subhead anatomy and	Australia...18538,18572,	in rabbits.....17506	Bloodhound.....17100
physiology under names	18616	Diathrothrips.....18176	Collie.....17098,17103
of animals, insects,	bacteria.....18583	Diatraea.....18123	Dalmatian.....17105
and plants.	Brazil.....15167	Diatraea grandiosella....	Pointer...17101,17107
DDT.....15006,17699,17711,	Ethiopia.....18906	18150	German Shorthaired..
17716,17733,17742	marketing...15057,18592	Dichaeothrips.....18176	17097
analysis and composition	prices.14865,18566,18618	Dichlorodiphenyltri-	Setter.....17096
17695,17730	processing...14931,18611	chloroethane. <u>See</u> DDT	Gordon.....17102
application.....18244	quality.....18608	Dicksonia antarctica.16120	Llewellyn.....17099
for mosquito control....	regulation and inspec-	Dieback	Terrier
18012,18026,18035,	tion.....18957	of apricot.....15522	Bull.....17104
18043	situation and outlook...	of elm.15470,15498,15531	Sealyham.....17097
for pests	18547,18551	Differential grasshopper.	diseases.....17110
of forests.18097,18137	subsidies.....19410	<u>See Melanoplus</u>	feeding and nutrition...
of man and animal....	<u>See also names of dairy</u>	differentialis.	17108
15007,17990	products.	Dimorphism	history.....17142
of plants.17704,17706,	Dairymen's League Coop.	in insects.....18118	injuries
18141	Assoc.....18565	Dioscorea esculenta. <u>See</u>	foreign objects..17123
tests.14788,14792,17695,	Daisy	Yam, Chinese.	parturition.....17139
17747	varieties.....16098	Diplodia	poisoning.....17140
toxicity.....17140,17806	Danaoidea.....18099	on citrus.....15502	psychology.....17143
Dacnusiini	<u>See also names of</u>	Diplodia zeae	respiration.....17112
Europe.....18087	families and genera.	on corn.....15490	shows and sales...17147
Dectyolabis.....17970	Dandelion.....15825	Diplopoda	surgery.....17123,17126
Decus oleae.....17974	Darwin, Charles.....18122	Helgoland.....17664	training.....17144-5
parasites and predators	Dates	<u>See also names of</u>	vices.....17143
of.....17997	varieties.....15908	families and genera.	war use.....15224,17141
Dahlia.....16012,16131	Daylight Saving.....19703	Dips and dipping. <u>See</u>	working.....17098
culture.....16020	Daylily. <u>See</u> Hemerocallis.	names of insecticides;	<u>See also names of</u>
diseases.....15455	Deer.....17983	and under names of	anatomical parts,
		animals.	diseases, and para-
			sites.



- Item**  
Dolichos, hyacinth...16272  
Dolichos lablab. See  
Dolichos, hyacinth.  
Domestic animals. See  
Livestock.  
Doors.....16703  
Dormancy, in plants..15662,  
15689  
Douglas-fir  
anatomy and physiology..  
16726  
pests.....18088  
Downy mildew  
of cucumber.....15510  
of grape....15485,15494,  
15512  
Draba muralis.....16255  
Dragonflies. See Odonata.  
Drainage..14903,15300,16461  
Australia  
Tasmania.....16501  
India.....15875  
mole.....16439  
mosquito-breeding  
places.....18023,18037  
Nebraska.....16455  
Virginia.....14758  
Drasix.....17955  
Dressmaking. See Sewing.  
Driers. See Grain driers.  
Drills.....18248  
Drosera filiformis...15350  
Drosophila  
anatomy and physiology..  
17999  
genetics....17982,17986,  
17999,18007  
Drosophila ampelophila....  
17982,18007  
anatomy and physiology..  
17992,18000  
Drosophila melanogaster.  
See D. ampelophila.  
Drosophila pseudoobscura..  
17986  
Drosophila subobscura.....  
17999  
Drug plants  
India.....16266  
U. S. S. R.....15277  
See also names of  
plants.  
Drugs  
bacteriostatic.....15687  
Drying of foods. See  
Dehydration; and under  
names of commodities.  
Dryopteris aristata..15602  
Ducks  
care..17392,17395,17436-7  
culling.....17393  
feeding and nutrition...  
17276  
molting.....17394  
See also Eggs, duck.  
Durra.....18856,18869  
Durra products.....18865  
Dust. See Wind erosion.  
Dusts and dusting  
by airplane.....17722  
See also Fungicides;  
Insecticides; names of  
dusts; and subhead  
spraying and dusting  
under specific  
subjects.  
Dutch elm disease. see  
Dieback, of elm.  
Dyeing. See under specific  
subjects.  
Dyes.....19166  
Dystocia. See Obstetrics.
- Item**  
Earias fabia  
parasites and predators  
of.....18111  
Ears. See Meatus  
acusticus.  
Earthworms.....16310  
Ecology  
forest.....15563  
Allegheny Plateau.....  
15564  
insect.....18028,18045  
plant.....15563  
Argentina.....19815  
Brazil.....15567  
Bulgaria.....15333  
California..15562,15565  
Canada  
Hudson Bay Region...  
15561  
Jura Mountains...15566  
Kansas.....15316  
New York (State)..15568  
See also Fauna; Flora;  
Vegetation.  
Economic conditions  
France.....19192  
Guatemala.....19209  
Italian Africa.....19302  
North Carolina....14824  
Southern States...19202  
Economic cycles.....14773  
Economics.....15008  
international.....19199  
Tripolitania.....19214  
Economy  
Brazil.....19182,19212  
Canada.....19188  
Ecuador.....19176  
India.....19187  
Japan.....19180  
native  
Ethiopia.....18427  
Italian East Africa...  
19198  
Tunisia.....19195  
Venezuela.....19201  
Edinburgh. Veterinary  
Dept.....18958  
Education  
adult..14852,19568,19648  
New York (State)..19610  
Australia.....19557  
Brazil.....19642  
Canada.....19566,19616,  
19618,19647  
Ecuador.....19176  
farmer training  
Germany...19597,19652,  
19654  
high school  
New Zealand.....19614  
Mississippi.....19660  
Negro..19582,19605,19620  
Ohio.....19622  
vocational agriculture  
19523,19590,19592,  
19596,19613,19617,  
19623,19633,19643,  
19662  
Australia..19603,19629  
Colombia.....19593  
Germany...19572,19609,  
19653  
Illinois...19600,19641  
Indiana.....19650  
Nebraska.....19584  
Texas.....19598  
Uruguay.....19644
- Item**  
Education--Continued  
See also Extension work;  
Land-grant colleges;  
Schools; Youth, edu-  
cation and training;  
and subhead study and  
teaching under  
specific subjects.  
Efficiency  
time and motion studies  
19257,19259,19263,19279  
See also subhead work  
management under 4-H  
Clubs; Labor; and  
names of industries.  
Eggplant, pests.....17746  
Eggs  
abnormalities.....17266  
analysis and composition  
17339,19100  
as feed  
for swine.....17631  
Canada..19080,19711,19717  
candling.....19091  
conferences and con-  
gresses.....14820  
consumption.....14952  
cookery.....14728  
costs and returns..19500  
dried.....19104  
analysis and composi-  
tion.....14864  
bacteria.....19087  
cookery.....14947  
drying.....19076,19087  
duck.....19086  
grading and standardi-  
zation.....19091  
Great Britain.....19082,  
19084,19711,19717  
hatchability..17265,17450  
marketing...14820,19075,  
19079,19084,19095,  
19104  
preservation.....19090  
prices.....19080  
control.....19099  
quality.....15055  
situation and outlook...  
19088,19098  
statistics.....14766  
Sweden.....19079  
trade.....19711,19717  
turkey.....17450  
yolks.....16735,16918  
See also Embryos, chick;  
Poultry, hatching; sub-  
head egg production  
under Poultry and kinds  
of poultry; and under  
names of insects.  
Eiconolineurus n.g...18188  
Eirone.....18095  
Electricity  
cooperatives.....18376  
conferences and  
congresses.....18386  
effect on plants...15585  
hydroelectric...15302-3,  
18384  
in industry.....14896  
India.....18384,18388  
lines.....18392  
on the farm..18381,18385  
See also High-frequency  
heating; Lighting;  
Mechanization; Motors.  
Electrification.....15159,  
18379  
Australia.....18391  
postwar.....14898,18387  
U. S. S. R.....18390
- Item**  
Electrification--Continued  
See also U. S. Dept. of  
Agr., Rural Electrifi-  
Admin.  
Electron microscopes..19820  
Electronics. See High-  
frequency heating; Radio.  
Electrophoresis...15723  
a-eleostearic acid...19059  
Elephant yam. See Giant  
arum, whitespot.  
Eleudron.....17176  
Elevators  
grain.....18375  
cooperative.....18880  
Elm  
diseases....15470,15498,  
15531,15533  
pests.....14792  
Elodea canadensis...15622  
Elsinoë boehmeriae...15396  
Embryos  
chick..16918,17341,17343  
horse.....17190  
insect.....17992  
plant.....15589,15601  
Emmer, wild. See Wheat,  
wild.  
Employment....14773,14899,  
15125,15172,19295  
effect on the farmer....  
19211  
See also Labor; and  
under Veterans.  
Empoasca devastans...15656  
Emusa.....17998  
Emusa muscae.....17995  
Encephalartos.....15366  
Encephalartos eugene-  
maraisii.....15388  
Encephalitis  
transmission 17864,18032  
vaccines.....16816  
Encephalomyelitis  
Indis.....17003  
Encephalomyelitis, equine.  
17169  
transmission.....18031  
Endeostigmata.....17875  
See also names of  
families and genera.  
Endive.....16229  
Endodermis.....15643  
Engineering  
research.....18197  
See also 4-H Clubs,  
engineering; Mosqui-  
toes, control, engin-  
eering methods.  
Engines.....18312  
steam.....18295  
See also Motors.  
English Jersey Cattle  
Soc.....16898  
Eusiferorhrips n. g..18176  
Ente della Colonizzazione  
della Libia.....18506  
Ente di Colonizzazione per  
gli Italiani all'Esterio..  
19520  
Enteritis  
in calves.....16993  
in dogs.....17109  
Enteritis, feline. See  
Panleukopenia, in cats.  
Entertaining...15050,15053  
Entomologists..17652,17678  
See also names of  
entomologists.  
Entomology  
economic.....15308,17749  
South America.....17749



	Item		Item		Item		Item
Entomology--Continued		Estrus. See under names		Farm Cadet Victory Corps..		Farms and farming--	
technique and equipment.		of animals.		19669		Continued	
17665,17926,18046		Eucalyptus maculata..17836		Farm Credit Admin. See		management--continued	
See also 4-H Clubs,		Eucleoidea.....18100		U. S. Dept. of Agr.,		India.....19451	
entomology; Insects.		See also names of		Farm Credit Admin.		Italy.....19416,19441	
Enzymes.....18511,19100		families and genera.		Farm fishponds. See		Union of South Africa.	
See also Amylase; Lipo-		Fulia lovonephes....18113		Fishponds, farm.		19429	
vidase; Phosphatase;		Fumolbinae.....17938		Farm Security Admin. See		U. S. S. R.....19432	
Phosphorylase;		Euphorbiaceae..15351,15382		U. S. Dept. of Agr.,		methods....19417,19452,	
Thiaminase.		Eurinus consimilis		Farm Security Admin.		19455	
Euhedra, Mexico.....16269		consimilis.....18152		Farmers.....19345		India.....19464	
Ephydriidae		European corn borer. See		expenditures..14900,19238		Mississippi.....19213	
Indo-Australian region..		Pyrausta nubilalis.		Germany....19611,19625-6		New Zealand.....19449	
17979		Eurygaster integriceps....		political influence....		North Dakota.....14768	
See also names of		15230		19625		postwar.....14768	
genera.		Eurytoma fellis.....17725		retirement.....19258		prices	
Epicauta adspersa....17682		Everes.....18128		Sweden.....19238		Maine.....14983,15020	
Epicolinus n.g.....18188		Evergreens		See also Attitudes,		purchasing...15103,15141	
Epilachna similis		pests.....17929		farmer; Credit;		records.....15001,15014,	
tellinii.....17942		See also Coniferae.		Families; Income.		15015,19474-5,19477	
Equine plague. See Horse		Evolution		Farmers Union Jobbing		situation and outlook...	
sickness, African.		insect.....17986		Assoc.....19677		19400,19438	
Equipment.....15147,15155,		plant.....17986		Farmhouses....18326,18328,		size.....14771	
15158,18213,18219,		Extastes.....18080		18330		Brazil.....19175	
18235,18243		Exhibits. See Fairs; and		designs and specifica-		Ecuador.....19178	
Canada.....18211		subhead shows and sales		tions.....15152		Northern Great Plains.	
cooperatives.....18216,		under names of animals		Italian East Africa.....		14765	
18242,18245,18249,		and products.		18321		small-scale..15317,19422,	
19681		Experiment stations		maintenance and repair..		19442,19476	
costs and returns..14975,		Canada.....19859		18320		Brazil.....19444	
18222		See also names of		modernizing.....18327		Great Britain....19480	
demonstrations.....18223		stations.		Poland.....19507		Sweden.....19447	
India.....18212		Extension services...15305		prefabricated.....18322		values.....15140	
industry.....18228		Extension work.....14798,		remodeling...18323,18329		Wisconsin.....14900	
labor-saving.....18229		14817,19569,19586,19589,		Farms and farming...18442		See also Agriculture;	
maintenance and repair..		19635,19646		abandoned or idle..14913		Collective farming;	
18220,18231,18236		Colorado.....19573		Argentina.....19368-9		Conservation farming;	
postwar.....18230		county agents.....14816,		as an occupation..14965,		Contour farming; Co-	
power.....14975		19567,19604,19608		15103,15105,19430		operation; Diversified	
prices.....15118		Florida.....15175		Italy.....19808		farming; Irrigation;	
statistics.....18250		Indiana.....19604		Baltic States.....15117		Land, tenure; Mechan-	
surpluses.....18238		Kansas.....19608		Brazil..19175,19206,19465		ization; Pastures;	
testing.....18233		methods and materials...		Canada.....19458		Shops, farm; and names	
utilization.....18227		14806-7		Saskatchewan....19437		of products.	
See also Implements;		Negro.....19582		costs and returns..15000,		Farrer, William James.....	
Mechanization; Shops,		New York (State)...19627		15308,19475,19478		19848	
farm; names of equip-		Puerto Rico..14814,15101		Great Britain....19480		Fasciation.....15597	
ment; and under		See also Graphic		Illinois...14971,19474		Father and son agreements.	
specific subjects.		methods; U. S. Dept. of		Sweden.....19492		See Farms and farming,	
Ereththis hyemalis...16134		Agr.; Ext. Serv.; and		Tribolitanian....19214		Father and son.	
Eretmocerus serius...18052		names of extension		demonstration.....19429		Fats. See Oils and fats.	
Ergot, India.....16280		services.		family.....19436,19450		Fatty acids....19020,19042	
Ergotism.....16796		Extension workers		father and son....15116		Faulkner, Edward H....16417	
Eriastrum.....15374		directories.....14797		Germany....19272,19415,		Fauna	
Eriogonum.....15378		Eyes		19420-1,19460-3,19470,		Italy.....17672	
Eriophyes ribis.....17868		of pigeons.....17320		19472		See also Cave fauna.	
Erosion. See Soil erosion;		of spiders.....17906		Great Britain.....15137		Feathers.....17326	
Wind erosion.		Fagaceae.....15353		Scotland.....19290		Feces	
Erwinia. See Wetwood, of		Fagus sylvatica. See		history		analysis.....17040	
elm.		Beech, European.		Spain.....19426		Federación Rural (Uruguay)	
Erwinia amylovora. See		Fagus sylvatica pendula...		Indiana.....14975		19692	
Fireblight, of shrubs;		16048		large-scale		Federal Land Bank..19222-3	
Fireblight, of trees.		Fairs.....19624		Argentina.....19256		Federal Seed Act.....14873	
Eryngium alpinum....16072		Fall armyworm. See		Brazil.....19206		Feed	
Erysipelas		Leachyema frugiperda.		Latin America.....15308		analysis and composition	
immunization.....16827		Fallowing. See Tillage,		layouts		15728,15754,15794	
Erysipelas, swine		fallowing.		Poland.....19507		Australia...15751,16760,	
immunization.....17638		Families		legislation		18644,18646,18653,19081	
Erythraea tenuiflora.15384		Government aid		Union of South Africa.		Canada..16755,16764,18656	
Erythrina indica.....15598		Canada.....19590		19454		conservation.....16751,	
Erythroxylaceae.....15380		France.....19621		Louisiana.....19446		16760,18653	
Escuela Superior de		Uruguay.....19274		management..15130,19422,		containers.....18650	
Agronomía de Bogotá.19593		welfare.....14822		19427,19472		for poultry.....19093	
Escuela Zootécnica de		See also subhead family		California.....14965		green	
Ovinocultura de		under Farms and farm-		Canada.....19473		for poultry....17283,	
Patagones.....17591		ing; 4-H Clubs.		Fiji.....19433		17297	
Essential oils.....19066		Famine		financial.....19425		for rabbits....17496,	
France.....19065		India.....18405		Germany....19419,19443		17500	
Spain.....19038		Farm bureaus. See American		Great Britain...19428,		for swine.....17627	
Estación Genética de		Farm Bur. Fed. and names		19456,19467		industry.....18264	
Cauquenes, Chile....15741		of local farm bureaus.		Hungary.....19448		marketing.....18651	
Estrogens.....16910,17119				Illinois...14971,14973		nutritive value...16756	
17313							



Item	Item	Item	Item
Feed--Continued	Field crops	Flora--Continued	Food--Continued
prices.....18644	culture.....15278	Surinam.....15380	programs.....16438,18399
regulation and inspection.....14978	France.....15751	See also Ecology, plant; Vegetation	purchase and sale programs.....14939,14941
research.....18647	India..15750,15757,15758	Fla. Citrus Comm.....18806	rationing.....15204-5
situation and outlook	Italian East Africa.....15759	Fla. Forest and Park Serv. 16715	Great Britain.....18393
18642-3,18648-9,18655, 18657,18883,18904	See also 4-H Clubs, field crops; Rotation of crops; and names of crops.	Florida red scale. See Chrysomphalus aspidum.	regulation and inspection.....14957
storage.....18646	Figs.....15911,15920	Fla. Univ.....15175	Great Britain...18354, 18953
substitutes.....16762	situation and outlook... 14834	Flour.....18864,19732	research.....19319
Sweden.....16758	Filago arvensis.....15365	analysis and composition 18871,18878	situation and outlook... 18407,18414
See also Concentrates. (feed); Forage plants; Grasses; Hay; Minerals; Proteins; Silage; Vitamins; names of feeds; and subhead feeding and nutrition under Livestock, Poultry; and names of animals.	Films.....14740	consumer preferences... 18876	storage...1.15038,15040, 18478
Feed grinders. See Grinding equipment.	Canada.....19631	trade.....14874	subsidies..19403-9,19412
Feed Indus. Council..18643	See also Motion pictures.	See also Mills and milling; and kinds of flour.	taxation.....19252
Fences.....18200	Finance. See Banks and banking; Credit; Farms and farming, management, financial; Government, finance; Income, management.	Flowers.....15332	transportation....19730
electric.....18192,18201	Fire blight	arrangement..16012,16061	vacuum packing....18460
Fennel.....16259	of pear.....15520	color and fragrance.... 16084	See also Allergies, food; Armed forces, food; Botulism; Canning and preserving; Cookery; Dehydration; Famine; 4-H Clubs, food values; Freezing of food; Nutrition (human); Preservation of food; Vitamins; and names of foods.
Fennimore (Wis.) Soil Conserv. Area.....14900	of shrubs.....15539	cut.....16118	Food Compress Res. Project.....14774
Fermentation. See Bacteria; Enzymes; Yeasts; and under names of products.	of trees.....15539	planting.....16110	Food plants
Fla. Citrus Comm.....18806	Fires	See also Gardens and gardening, ornamental; Wild flowers; and names of flowers.	Western Hemisphere.16276
Normandin, Canada...15389	control.....18377	Fluorescence microscopy... 16805	Foot and mouth disease.... 15783
Ferns.....14885	prevention.....18199	Fluorescent substances.... 18047	control.....16858
anatomy and physiology.. 15602	See also Forest fires.	Fluorine	immunization....16832-4, 16856
Fertilization of plants. See Pollination.	Fish	poisonous to livestock.. 16813,17014	therapy.....16863
Fertility. See under Soils; and names of animals.	beil.....14959	Fly. See Flies.	vaccines.....16806
Fertilizers...16367,16393, 16525-8,16531,19800	culture.....19801	Fodder. See Feed.	virus.....16832-3
application.....16353	nutritive value...19788	Foliar diagnosis.....15691	Foot rot
Brazil.....16529	See also names of fish.	Folic acid.....17278,17346	in sheep.....17576
Chile.....18464	Fishponds, farm.....19802	Food.....15308,18395	Forage plants..15845,15856
cooperatives.....15304	Flax	analysis and composition 19758	culture.....15754,15858
Florida.....16358	Australia.....15808	Australia.....18394	fertilizers.16352,16359, 16380,16537
France.....16541	culture.....15807	Canada.....18423,18449	Germany.....15833
Germany.....16386	diseases...15432,15468, 15489,15530,15555	canned.....14951,18418	tropic.....15822
history.....16524	resistance.....15487	nutritive value..19796	See also Grasses, forage; and names of plants.
Northern Ireland...16530	Great Britain.....18691	soilage.....18460	Forest fires
organic.....16349,16365, 16392,16525,16528,16531	pests.....18113	China.....15121,15139	Arkansas.....16632
prices.....18464	processing.....18698	compression.....14774	Australia.....16633
Sodin.....16534	seed.....18741,19045	conservation.....15054	control.....14846
U. S. S. R.....15299	spinning.....18263	consumption..18421,18423	equipment.....14840, 14844-5,14848,16631, 18196
See also Composts; Humus; Manures; Minerals; Pastures, fertilizers; names of fertilizers and their constituent elements; and under names of plants.	See also Insurance, flax; Linseed oil.	Denmark.....19185	prevention.....14842
Fescue	Fleas	Europe.....18400,18402, 18404,19371	silvicultural use..16534
diseases.....15395	and disease.....18182	Florida.....15175	See also Revegetation.
Fiber plants. See Names of plants.	control.....17580	frozen.....18474,18479	Forest pathology. See Trees, diseases.
Fibers	See also Siphonaptera.	cookery.....15058	Forest products
sources.....18665	Flebotomus	marketing.....18443	Italy.....16662
synthetic...14854,18683, 18689,18710,18731	Amazon Valley.....17980	packaging.....18457	See also names of forest products.
textile.....18678	and disease.....18044	quality.....18451-2	Forest Service. See U. S. Dept. of Agr.; Forest Serv.
utilization.....18748	Flies.....17989	gas packing.....18460	Forestry
vegetable.....15732	control.....17975,17990	Germany.....18412,18478	accounting...15250,16612
See also Containers, fiberboard; and kinds of fibers.	See also Myiasis; common group names; and names of families and genera.	grading and standardization....14939,15187, 18455	as a profession...15090, 15259
Fibrovascular bundles.... 15581	Flight	Great Britain.....18393, 19412	Canada.....16712
Vicus maroma.....16279	of insects.....18085	habits...15234,19759-60	Ceylon.....16713
	Floods.....16427	industry.....14938	Colombia.....16572
	control.....16475,16477	Kansas.....18415	Cuba.....16608
	legislation.....16473	Italy.....18396	Florida.....16715
	Missouri River Basin.. 16470	marketing.....18409	
	Flora.....15269	nutritive value...19769	
	Bolivia	bibliographies...14796	
	Santa Cruz.....15287	poisoning.....18417	
	Burma.....15349	prices	
	Canada	control.....15204	
	Saskatchewan....15273	processed	
	Iran.....15348	home.....14860	
	Massachusetts....15347	processing...18409,18481	
	Oregon	Paraguay.....15207	
	Malheur County...15378	production...18461,19402	
	Pennsylvania.....15345		



	Item		Item		Item		Item
Forestry--Continued		4-H Clubs.....	14729, 14821	Fruit--Continued		Fundaçao Brasil Central...	
legislation		accounting.....	14819	Canada.....	18766, 18794		15127
Paraguay.....	16580	agricultural products...	14819	canned.....	18829	Fungi....	15283, 15324, 15482
Virginia.....	15263		14819	purchase and sale		anatomy and physiology..	15572
Maryland.....	16717	bread.....	15074	programs.....	14949	antibacterial.....	15322, 15702, 15730
policies		canning and preserving..	15076	situation and out-		Brazil.....	15406
Brazil.....	16562, 16571		15076	look.....	18844	heredity.....	15604
India.....	15254	cattle.....	15073	canning		in soils.....	15517
programs.....	14727	clothing.....	14819	home.....	15030, 15062, 15078	nomenclature.....	15318, 15334
Colombia.....	16574	conferences and con-		labor.....	14932	Palestine.....	15404
Great Britain....	16568	gresses.....	14819	Colombia.....	18808	pathogenic	
Mississippi.....	16570	containers.....	14819	conferences and con-		to livestock....	15220, 16982
Southern States..	16609	crafts.....	14819	gresses.....	18758	to plants.....	15460
study and teaching.....	16721, 16723	dairy.....	14819, 15085	culture.....	14746, 15900, 15902, 15957, 15966, 15975	See also Fungicides;	
Uganda Protectorate....	16720	engineering.....	14819	15902, 15957, 15966, 15975		Growth substances for	
See also 4-H Clubs,		entomology.....	14819	home raising....	15079	plants; Molds; Mush-	
forestry; Lumbering;		family relationships....	14819	diseases.....	15519, 15647, 17685	rooms; and names of	
Silviculture.			14819	control.....	15549	fungi, fungicides,	
Forests		field crops.....	14819	dried.....	18828	fungus diseases, and	
administration....	16563-4	food.....	14819	postwar.....	14734	host plants.	
Aegean Islands.....	16584	forestry.....	14819	utilization.....	18799	Fungicides....	15415, 15447, 15466, 15495, 15514, 17715, 19800
Alsace.....	16591	gardens.....	14819	espaliers....	15959, 15967, 15972, 15974	See also names of	
Australia.....	16587	health and safety....	14813	fertilizers.....	15955, 16348, 16351, 16357, 16390, 16540	fungicides.	
Burma.....	165258	home management....	14819	France.....	18758	Furniture.....	16681
Canada.....	16565, 19378	land utilization....	14819	frozen.....	15184	manufacture.....	16682
British Columbia..	15253	membership.....	14816	Guadeloupe.....	15901	See also kinds of	
China.....	16582	nutrition.....	14819	India.....	18781, 18783, 18790, 18813	furniture.	
classification....	16630	organization.....	15082-4	industry.....	19431	Furs.....	18972
community.....	16716	phytopathology....	14819	injuries.....	15416	Canada.....	19174
Cuba.....	16561	postwar.....	14804	Italy.....	18759	Karakul sheep....	17543, 18736
Eire.....	15249	poultry.....	14819	juices and sirups..	18851	rabbit.....	17515
finance.....	16566	programs.....	14819	legislation.....	18804	Fusarium	
grazing.....	16941	rabbits.....	17517	marketing.....	18803-4, 18808, 18813	on sweetpotato....	15477
illustrations.....	14850	records.....	15088	packaging.....	18818	Fusarium coeruleum	
increment and yield....	15253, 16601	sewing.....	15048	packing.....	18819-20	on potato.....	15483
industries		sheep.....	15075	pests.....	15647, 17685, 17691, 17878, 17987, 18075, 18106	Fusarium lini	
Ecuador.....	16577	soil conservation....	14819	Australia..	17700, 17723	on flax.....	15432
Michigan.....	15256	war activities.....	15081	planting.....	15976	Fusarium martii pisl. See	
Sweden.....	19293	water conservation....	14819	Portugal.....	15904	Root rot, of pea.	
influences....	16444, 16725	water management....	14819	prices		Fusarium sambucinum	
Italian East Africa....	16588	Fowl cholera. See		control.....	18821	on cucurbit.....	15526
Italy.....	16583	Pasteurella avicida.		processing.....	19873	Fusarium yellows	
management.....	15250, 16601-2, 16612-13, 16616	Fowl paralysis. See		propagation.....	15899	of bean.....	15488
Germany....	16604, 16606, 16618	Leukosis, in poultry.		pruning.....	15905-6, 15955-6	Future Farmers of Amer....	15844
Italy.....	16603, 16607, 16614	Fowl pest.....	17309, 17340	seasonal care.....	15969	Futures trading.....	14878
Southern States..	16610	Fowl pox		situation and outlook...	18778	See also subhead futures	
maps.....	16724	immunization.....	17340	spraying and dusting....	17694	under names of	
Maryland.....	16585	virus.....	17325	statistics..	15184, 18850, 18853	commodities.	
mensuration.....	16626-9	Fowl tick. See Argas		trade.....	19708	Galls, plant.....	17681
Montana.....	15257	miniatus.		tropical and subtropical		Game. See Wildlife.	
national..	14844-5, 14848, 16714, 16719	Foxes.....	16867	varieties....	15938, 18811	Gammexane. See 1,2,3,4,5, 6 Hexachlorocyclohexane.	
protection.....	15260	Freezing of food.....	15058	See also Orchard man-		Garbage	
soils.....	16316, 16320	equipment.....	18277	agement; and under		as feed	
taxation.....	16575, 19253	home.....	14980, 18277	names of fruits.		for ducks.....	17302
thinning.....	16605	See also Locker plants;		Fruit, small. See Berries;		Gardenia	
trails.....	14841	Refrigeration; and		Grapes.		varieties.....	16155
tropical.....	16589	under names of prod-		Fuels. See Tractors,		Gardens and gardening.....	15271, 15290
values.....	16573	ucts.		fuel; and names of		Argentina.....	19815
wildlife relations..	16726	Freight rates.....	14923, 18426, 18429	fuels.		Great Britain.....	15892
Yugoslavia.....	16598	Uruguay.....	18447	Fulcidacidae.....	17951	Maryland.....	16159
See also Ecology,		Frey, Georg.....	17962	See also names of		Mozambique.....	16047
forest; Reforestation;		Freya lampetiformis n. g.,		genera.		municipal.....	18774
Trees; Wildlife; Wood-		n. sp.....	17962	Fulcidax violaceus...17952		ornamental.....	16010
lands, farm; and names		Friends, Society of..	15238, 18405	Fumigation		pests.....	15437, 15454
of forests.		Fritillaria pudica...15350		technique and equipment.		seasonal.....	16128-9
Forssman's antigen...17185		Frogs.....	17696	See also Soils, sani-		school and community....	15317
Fossil insects.....	15314	Frost.....	15449, 15941	tation; names of		spraying and dusting....	17684
Fossil plants. See		injury to plants..	15427, 15438, 16429	fumigants; and under		Switzerland.....	16075
Paleobotany.		See also Hardiness, in		names of products.		victory.....	14950, 15294, 16178, 16229
Foulbrood		plants.					
American.....	17779-80, 17792, 17797	Fructosan.....	15701				
		Fruit					
		anatomy and physiology..	15265				
		Argentina.....	18850				
		Australia....	18821, 18829, 18851, 18853				
		Brazil.....	15891				
		California.....	15169				



Item	Item	Item	Item
Gardens and gardening-- Continued See also Flowers; 4-H Clubs, gardens; Fruit; Landscape gardening; Memorial plantings; Ornamental plants; Rock gardens; Roof garden- ing; Soilless culture; Vegetables; etc. Gas backing. See under Food. Gas producers.....18292-3 Gasparini, Iacopo....19850 Gastrothrips.....18176 Geese.....17396,17417 feeding and nutrition... 17298 See also Feed; and names of feeds and of ana- tomical parts, dis- eases, parasites, and products. Gelidium cartilagineum.... 16265 Gelsi Bidart, Adolfo....19258 Gemüsebau A. G.....16201 Genes.....19810 animal.....17473 insect.....17986,18007 Genetics plant.....15617 See also Chromosomes; Genes; Linkage; Mutation; and subheads genetics and heredity under names of ani- mals, insects, and plants. Gentian.....16114,16271 Gentiana linearis....15350 Geography India.....19872 Geometridae.....18129 See also names of genera. Geophysics.....16505 Ga. Agr. Expt. Sta....16397 Gerardia acuta.....15350 Gesarol. See DDT. Ghee vitamins.....19787 Giant arum, whitespot.... 16212 Giant reed.....19160 Giardia canis.....17109 Gillenia trifoliata..16059 Ginger.....18534 Gladiolus.....16131 Glenea.....17935 Gloeocantharellus....15408 Gloeosporium, See Anthracnose, of tobacco. Glossina and disease.....17972 Glossina morsitans Bechuanaland.....15231 Gloxinia.....16067 Glue.....16663 bibliographies....14843 Glycerides.....19072 Glycerol.....19020 Glycosides.....15713 Glyphocassis.....17937 Gnomonia veneta. See Anthracnose, of oak; Anthracnose, of sycamore. Gnorimoschema operculella 18101 France.....18138 Goats anatomy and physiology.. 17550	Goats--Continued Arkansas.....18626 diseases.....17557 estrus.....17537,17567 India.....17563,17583 industry.....18922 milk production seasonal.....17595 parturition.....17558 records and testing.... 17593 surgery.....17550 weight and measurement.. 17583 See also Artificial insemination; Butter, goats; Feed; and names of feeds; and of ana- tomical parts, dis- eases, parasites, and products. Goiter in lambs.....17574 Gonadotropins.....17537 Gonomyia.....17968-9 Gooseberries.....14793 history.....15980 Gophers.....15464 Gossypol.....19036 Gourds.....18133 Government administration.....19803 aid to agriculture..... 19179,19349 Great Britain...19294, 19799 finance.....19382 See also Credit; Fami- lies, Government aid; Policies and programs; Postwar planning; Sub- sidies; and names of commodities and Govern- ment agencies. Grading and standardi- zation Argentina.....18453 See also Labeling; and under names of products products. Grafting. See subhead operation under Fruit, Plants, and names of plants. Grain analysis and composition 18858,18860,18868 Argentina...15760,18857 as cause of disease.... 16843 as feed.....18883 for cattle.....16960 breeding.....15616 byproducts.....18858 culture.....15754 diseases Arizona.....15433 Arkansas.....15435 Kansas.....15446 Missouri.....15419 Nebraska.....15456 Texas.....15413 drying.....18276 fertilizers.16337,16377, 16382,16402 grazing.....15837 harvesting...15774,18268 Italian East Africa.... 18862 Italy.....18889 nutritive value...15236 pests.....17942,18054 planting.....15777	Grain--Continued prices.....18857 regulation and inspec- tion.....14868,18863 seeds.....18888 treatment...15426,18861 statistics.....18862 storage.....18887 U. S. S. R..15616,15777 utilization.....18890 varieties.....15793 See also Brewer's grains; Elevators, grain; Mills and mill- ing; Stacks; and names of grains. Grain driers.....18276 Grain elevators. See Elevators, grain. Grain products analysis and composition 15161 Gramineae.....15372 See also Grasses. Granaries. See Elevators, grain. Grandiella tertia n. sp... 17880 Grape oil.....19022 Grape phylloxera. See Phylloxera vitifoliae. Grapes analysis and composition 15176 Argentina.....15981 Australia.....18535 biochemistry.....15711 Colombia.....15979 culture.....15903,16410 diseases...15418,15485, 15494,15503,15512,15982 fertilizers.....16340 India.....18813 industry.....18775 injuries.....15427,15438 Italy.....18769 juice and sirup...18846 marketing.....18813 Mediterranean Region.... 15711 pests.....15982,17953 soils.....16410 storage.....18839 Switzerland.....15987 See also Raisins. Graphic methods.....15089 Grantostethus servus.18072 Grass tetany.....16995 Grasses analysis and composition 19040 as feed for cattle.....16960 for turkeys.....17291 culture.....19478 fertilizers.16378,16507 forage.....14997 seeds 14888,16378,19121 Sweden.....19121 See also Gramineae; Hay; Ranges, vegetation; Silage, green; Turf; and names of grasses. Grasshoppers and locusts Argentina.....18155 Uruguay.....18157 See also Acrididae; and names of genera. Grasslands farming.....15817 Newfoundland.....15292 See also Ley farming.	Gravel culture. See Sand culture. Gravity effect on insects.....15315 Grazing.....16943 effect on vegetation.... 15852 seasonal...15820,15837, 16954 See also Forage plants; and under Forests; Grasses; Pastures; Ranges. Great Atlantic and Pacific Tea Co.....17227 Green bug. See Toxoptera graminum. Green manures.16355,16366, 16368,16379 Green peach aphid. See Myzus persicae. Greenhouses equipment.....18343 ornamentals.16099,16102, 16149,16151 vegetable culture.15421, 16226 Greens, edible. See also Feed, green; and names of greens. Greigia exserta n. sp.... 15385 Grinding equipment...18257 wood.....18288 Groundsel.....16246 Growth substances for plants.....15693 effects.....15919 on rooting.15926,15936 inhibitors.....15490 See also Hormones, plant; Weeds, control, growth substances; and names of growth sub- stances. Gryllotalpa gryllotalpa... 18158 Guayule.....15610,15612 biochemistry.....15714 diseases.....15471 rubber.....19117 See also Parthenium. Guilielma gasipes. See Palm, peach. Guinea pigs.....18013,18046 Gum arabic.....15177 Gum karaya. See Kadaya gum. Gum tragacanth.....15177 Gum tree.....16260 Gummosis of orange.....15423 Gums and resins.....19157 Gymnopiella n. g.....17979 Gymnospermae.....15323 Gynoplistia.....17968 Gypsum.....16456 Gypsy moth. See Porthetria dispar. Gyrinoidea.....17914 See also names of families and genera. Gyrinus nitidulus...17913, 17927 Gyromitra esculenta. See Helvella esculenta. Hebrethrus andersonii.... 15350 Habrobracon. See Microbracon.



Hackberry.....18078  
 Haemagogus.....18017  
 Haematopinus suis....18185  
 Hakea.....15386  
 Ham.....18978  
 Handicrafts. See 4-H Clubs, crafts;  
 Hensson, Nils.....19842  
 Haplothrips.....18176  
 Haplotrichus.....17963  
 Hardiness, in plants.....15265, 15978, 16143  
 Harnischia galaptera n. n. 18002  
 Harpagoxenus canadensis... 18082  
 Harvard Univ.  
 Mus. Comp. Zool....18129  
 Harvesting  
 equipment.....15154  
 labor.....14811  
See also Combines; kinds of equipment; and under names of crops.  
 Hauptvereinigung der Deutschen Gartenbauwirtschaft.....19128  
 Hay  
 as feed  
 for cattle.....16944  
 drying  
 artificial.....15150, 18279, 18283, 18290-1  
 equipment...18266, 18274, 18282-3  
 Germany.....18645  
 harvesting...18198, 18206, 18267  
 prices.....14865  
 production.....15004  
 quality.....18645  
 stacking.....18195  
See also kinds of hay.  
 Hay-fever plants. See Plants, allergy-producing.  
 Health...15108, 18957, 19615  
 Canada...19577, 19619, 19632  
 dental care.....19632  
 Egypt.....19595  
 hygiene.....15092  
 India.....19645  
 Indians.....19743  
 Italy.....19579  
 North Carolina....15129  
 postwar.....14825  
 prenatal.....15099  
 programs.....19588  
 Puerto Rico.....15136  
 services.....14733  
 statistics.....14799  
 Uruguay.....19636-7  
See also 4-H Clubs, health and safety; Hospitals; and subheads under Nutrition (human).  
 Heart  
 of horses.....17185  
 Heart disease  
 in swine.....17640  
 Heating.....14905  
 Heckeria subpeltata...15601  
 Hedges.....16013  
 Heifers. See Calves and heifers.  
 Helianthus annuus. See Sunflower.  
 Helianthus macrophyllus.  
See Sunflower, woodland.  
 Heliothis.....18142  
 Heliothis armigera  
 control.....18141  
 Heliothis virescens...18136

Helius.....17958-9  
 Helleborus.....16096  
 Helminths. See Worms.  
 Helvella esculenta...15402  
 Helvella lacunosa...15402  
 Hemerocallis...16023, 16082, 16140  
 varieties....16069, 16103  
 Hemisericia.....17910  
 Hemlock, Canadian....14838  
 Hemlock, eastern. See Hemlock, Canadian.  
 Hemoglobinuria  
 in cattle.....14991  
 in sheep.....14991  
 Hemorrhagic septicemia  
 in buffaloes.....17030  
 in calves.....16981  
 in cattle...16994, 17022  
 Hemp  
 Chile.....18749  
 fiber.....15732, 18674  
 Hepatitis, infectious  
 necrotic  
 of sheep.....17569  
 Herbaria.....15321  
See also names of herbaria.  
 Herbs.....18831  
 Hercules Powder Company  
 Insecticides Testing Lab.....17724  
 Heredity. See Genetics; and under names of animals, insects, and plants.  
 Hermaphroditism  
 in goats.....17564  
 Hesperobaenus.....17965  
 Hesperotettix.....18154  
 Heteroauxin. See Growth substances for plants.  
 Heteroptera  
 Great Britain....17677, 18049  
See also names of families and genera.  
 Hevea.....15723  
 Hevea brasiliensis  
 propagation.....16275  
 1,2,3,4,5,6, Hexachloro cyclohexane...17688, 17703  
 Hexatoma.....17969  
 Hibiscus syriacus...16112  
 Hides and skins  
 analysis and composition 15181  
 Ethiopia.....18906  
 quality.....17870  
 rabbit...17529, 18915, 18952  
 sheep.....18972  
See also Leather; Tanning.  
 High-frequency heating  
 in wood bonding...16679, 16707  
 Hissar (India) Government Cattle Farm.....17563  
 Histology  
 insect.....18008, 18065  
 History  
 Brazil.....19212, 19855  
See also under specific subjects.  
 Hitches.....18226  
 Hoeling.....16414, 16418  
 Hog cholera...17635, 17641-2, 17645  
 control.....17643  
 immunization.....17646  
See also Salmonella suispestifer.  
 Hogs. See Swine

Holarrhena febrifuga...15724  
 Home-Canning Jar-Ring  
 Testing Conf...14809, 14956  
 Home economics. See Home management.  
 Home management....14818, 15039, 15043  
See also 4-H Clubs, home management; and under specific subjects.  
 Hones, H.....18117  
 Honey  
 Canada.....17822  
 comb.....17801  
 extraction...17788, 18892  
 nutritive value...17782, 19768, 19774  
 processed.....17815  
 quality.....17813  
 utilization...17817, 18893  
 Honey plants...17763, 17787  
 Canada.....17820  
 planting.....17777  
See also names of honey plants.  
 Honeybee. See Apis mellifera.  
 Hookworm  
 in cattle.....16986  
 in livestock.....14778  
 Hoplonota.....17937  
 Hopломachus thunbergi.... 18050  
 Hops  
 anatomy and physiology.. 15585  
 harvesting.....15034-6  
 Hormones  
 animal...16811, 17039, 17317  
 plant...15620, 15659, 15688  
 effects.....15688  
 therapeutic use...16741, 16793, 16854, 16975, 17304, 17552, 17567  
See also Growth substances for plants; and names of hormones.  
 Hornia boharti.....17947  
 Horns  
 of cattle  
 diseases.....17035  
 Horse meat.....18940  
 Horse sickness, African... 17193  
 Horses  
 anatomy and physiology.. 17184, 17186-8  
 anomalies.....17163  
 Argentina...17196, 17198  
 breeds and breeding.... 17150-1, 17154-5  
 Arabian.....17148  
 Limousin.....17149  
 Thoroughbred...17152-3  
 care.....17205  
 seasonal.....17199  
 Canada.....17208  
 Colorado.....17153  
 Cuba.....17197  
 draft.....17059, 17150-1, 17198, 17202, 17205, 17207  
 feeding and nutrition... 17158, 17161-2, 17194  
 pasture and range.... 17159  
 France.....17201  
 fumigation.....17732  
 gaits.....17159  
 injuries.....17182  
 foreign objects...17178  
 Italian East Africa.... 17209

Horses--Continued  
 Italy.....17207  
 parturition.....17190  
 pregnancy....17180, 17194  
 records and testing.... 17202, 17211  
 research.....14784  
 Sweden.....17150-1  
 Texas.....17154  
 training.....17200, 17204  
 war use...17196-7, 19203, 17206  
 weight and measurement.. 17209  
 Western States.....17210  
See also Colts; Feed; names of feeds and of anatomical parts, diseases, and parasites; and under Anesthesia and Artificial insemination.  
 Horticulture.....15895  
 Canada.....15889, 18788  
 Great Britain.....15887  
 Italy.....15888, 15896  
 Morocco.....15890  
 research.....15890  
 Switzerland.....19877  
See also Flowers; Fruit; Gardens and gardening; Nurseries (plant); Ornamental plants; Vegetables; and names of plants.  
 Hospitals.....19619  
 Hostis guamensis n. g., n. sp.....17979  
 Hothouses. See Greenhouses.  
 Hotentot fig.....16273  
 House plants.....16129  
See also names of plants.  
 Housefly. See Musca domestica.  
 Household insects. See names of insects.  
 Houses. See Buildings; Farmhouses; Housing.  
 Housing.....15156  
 Great Britain...15151-2  
 programs.....14800  
 Sweden.....18324  
See also Buildings; Farmhouses; and under names of animals.  
 Howard County (Md.)  
 Farmers' Cooperative, Inc.....19697  
 Humbert, M.....15389  
 Humidity  
 effect on  
 eggs.....17450  
 Humus.....16333  
See also Soils, organic matter.  
 Huron National Forest.... 14844-5  
 Hyalopteroides pallida... 18056  
 Hybridization  
 animal.....16729  
 insect.....18098  
See also names of animals and plants.  
 Hydrangea paniculata  
 grandiflora .....15703  
 Hydrocyanic acid.....18796  
 insecticides.....18057  
 Hydrogen-ion concentration  
 effect on plants...15645  
See also under Soils.



Hydroponics. See Soilless culture.

Hydrozetes.....17887

Hygienic.....16545

Hygiene. See under Health.

Hylus.....17965

Hymenaea courbaril. See Courbaril.

Hymenoptera

Aculeata.....18090

See also common group names; and names of families and genera.

Hypers punctata.....17960

Hypercalcemia

in poultry.....17313

Hypercholesteremia

in poultry.....17313

Hypercholesterolemia. See Hypercholesteremia.

Hypericum gentianoides....15387

Hypoderma

control.....17996,18006

Hypoplasia

in cattle.....15217

Hypothermus hampei. See Stephanoderes hampei.

Iarovization. See Seeds, vernalization.

Ice cream.....18559

home made.....15044

manufacture.....18628

mixes.....15183

See also Velve fruit.

Icteronyssus. See Neseia (Icteronyssus).

Idaho State Reclam. Assoc. 16481

Idiops.....17896

Ill. Agr. Expt. Sta..16370

Ill. Univ.....19600,19641

Immunization...16801,16847

See also Vaccines; and under names of diseases.

Imperial Agr. Bur....19813

Imperial Col. of Trop. Agr., St. Augustine, Trinidad.....19814

Imperial Inst. of Ent.....19813

Imperial Mycol. Inst.19813

Imperial Vet. Res. Inst., Mukteswar.....17043

Implements

India.....18212

See also names of implements.

Income.....15120,19234-5, 19237,19242

Australia.....19236

California.....19240

Canada.....19241

India.....19194

Iowa.....15119

management.....19233

Minnesota.....14865

Mississippi...19213,19239

Sweden.....19238

U. S. S. R.....19208

Wisconsin.....14900

See also Taxation, income tax.

Incubation. See hatching under Poultry and kinds of poultry.

Incubators.....18361

Index-Cat. of Med. and Vet. Zool.....14777

Indian Central Cotton Com. 18706

Item

Indian Science Congress... 18160

Ind. State Dairy Assoc.... 18555

Indians

Mexico.....19743

Indigo.....19156

$\beta$ - Indole acetic acid..... 15682

Industry

and agriculture...19183, 19396

Canada.....19193

Union of South Africa. 19210

Argentina.....19704

India.....18475

labor.....19211

on the farm

India.....19451

reconversion

Canada.....19193

research.....18197

rural

France.....19599

India.....15171,18748

See also Nutrition (human), in industry.

Infants.....15097-8

Infections.....16847

Inflation.....19243

Canada.....19244-5

See also Prices.

Influenza

in man.....17117

Infrared ray

industrial uses....19136

Inga

pests.....17681

Inheritance

Germany.....19537

Injections

for livestock.....16847

Insecticidal plants. See Insecticides, plant sources.

Insecticides..17703,17715, 19800

Brazil.....17737

insect resistance..18000

oil.....18012,18244

plant absorption...17707

plant sources.....17692, 17719

bibliographies...14791

situation and outlook... 17705,17731

tests.....17724,18186

toxicity.....17731

See also Baits and traps, for insects; Dusts and dusting; Sprays and spraying; and names of insecticides.

Insectproofing.....18127

Insects.....17667,17673

anatomy and physiology.. terminology.....17668

and disease..17717,17728

Egypt.....19595

as parasites and predators.....17852

as pests....17687,17701, 17708,17726,17736

Australia.....17697

Hawaii.....17706

Italian East Africa... 17709

Italy.....17693

Libya.....17721

Texas.....17743

U. S. S. R.....15229

Item

Insects--Continued

beneficial...17701,17726

collecting and collections.....17962,18181

control.....16374,17718, 17727,17745

dissemination.....17679

habits and behavior.... 15312,15315,17663

Hawaii.....15228,17670

Helgoland.....17664

illustrations.....17708, 18068

India.....17921

Italy.....17672

longevity.....17947

nomenclature..17662,17675

odors.....17663

parasites and predators of.....17696

rearing and breeding.... 18046,18135

taxonomy.....17674

See also Aeroplankton; Baits and traps, for insects; Ecology, insect; Entomology; Fossil insects; Insecticides; and names and classes of insects, names of anatomical parts; and under specific subjects.

Inspection. See Plants, quarantine and inspection; and subhead regulation and inspection under other subjects.

Institutions

food.....15242

Instituto Biologico de São Paulo.....17737

Insurance

accident.....19669

Brazil.....19248

corn.....14827

crop.....14831-2

flax.....14828

tobacco.....14829

wheat.....14826,14830

See also Social security.

Inter-American Conf. on Agr., 3d, Caracas, 1945.. 15307

International agreements and treaties. See Trade, agreements and treaties; and subhead agreements under specific subjects.

International Cotton Com.. 18659

International Inst. of Agr.....18516

International relations. See subhead international under Organizations and Policies and programs.

Interstate Comm. on the Del. River Basin...16419

Iodine

in animal nutrition.... 16761

See also Protein, iodinated.

Ipecac.....19158

Iridaceae.....15363

Iris.....16003

varieties....16015,16164

Iris versicolor.....15643

Iron

in soils.....16300

Item

Irradiation. See Infrared ray; Ultraviolet ray.

Irrigation.....16428,16464 16482

Anglo-Egyptian Sudan.... 18721

Argentina.....16467

Arizona.....14907,15302, 16472

Arkansas.....14962

Australia

New South Wales..16429

Brazil.....16423

canals and ditches..16461

Ecuador.....19178

effects

on plants.....16451

on soils.....16448

Libya.....16459,19196

Nebraska.....16388,16455

New Mexico.....15303

Peru.....16478

programs.....16438

Southwestern States.... 14906

Spain.....16426

subterranean.....16437

technique and equipment. 16440,16476

U. S. S. R.....16463

water..14914,16458,16475

See also under Gardens and gardening, Pastures, and names of crops.

Isochaetothrips.....18176

Isopoda.....17865

anatomy and physiology.. 17866

Helgoland.....17684

See also names of families and genera.

Isotopes, as tracer

elements.....15680

Instituti di Assistenza e di Beneficenza, Italy.... 19416

Italy. Milizia Forestale.. 16662

Ixodes persulcatus...17864

Ixodes ricinus

control.....17885

Jackbeans

diseases.....15475

Jaggery.....19142

Jams. See Jellies and jams.

Jar rings.....14809,14956

Jassid. See Empoasca devastans.

Jeeps.....18303-4,18025

Jellies and jams

Australia.....18829

See also Canning and preserving.

Jerusalem artichoke..16238

biochemistry.....15694

propagation.....15684

Jewelvine, tubaroot..14795, 15708

Jews

in agriculture.....19551

John's disease

in cattle.....17043

Johnny Appleseed. See Chapman, John.

Johnson grass.....15856

Jooste, Philip Eduard

Faure.....19843

Junior Farm Clubs, Canada. 19679



<u>Item</u>	<u>Item</u>	<u>Item</u>	<u>Item</u>
Juniper diseases.....15516	Kadaya gum.....15177	Keratitis in lambs.....17553	Knapp, Seaman A.....15305
Jussiaea uruguayensis.....15376	Kalanchoe grandiflora.....15350	Keratitis, infectious in cattle.....16976,17045	Kojic acid.....15702
Jute .....18708,18727	Kalanchoe stearnii n. sp..15364	Kerosene.....17730	Kok-saghyz.....19110,19112
equipment.....18263	Kalmia latifolia.....16080	Kilns charcoal.....16675	biochemistry.....15662
fiber.....18675	Kans. Reclam. Assoc..16436	lumber.....16653	U. S. S. R.....15276
Kachexid.....17191	Kathryn Farmers Mutual Elevator Co.....18880	Kitchens.....15039	Kostiakov, A.....16448
			Kragnoifarskii Trest
			Ovtseovkhozov.....19262
			Kudzu.....15859,16398



Item  
 Labeling.....15187  
 See also subhead grad-  
 ing and standardization  
 under names of com-  
 modities.  
 Labiatae.....15574  
 Labor.....19345  
 Argentina.....19267  
 Arkansas.....14963  
 Brazil.....19109,19175  
 Canada.....19264  
 costs.....14975  
 France.....19280  
 Germany.....19278,19287  
 Great Britain.....19283,  
 19456  
 India.....19194  
 Indiana.....14975  
 legislation  
 Sweden.....19288  
 Uruguay.....19274,19281  
 Maine.....14984  
 management...14803,15063  
 Mexico.....19269  
 migratory....14811,15123  
 New York (State)...14999,  
 15123  
 postwar.....14735  
 recruiting and placement  
 14812  
 relations.....19268  
 requirements.....14963  
 situation and outlook...  
 19186  
 Spain.....19265  
 statistics.....19190  
 training.....14802  
 Tripolitania.....19214  
 Union of South Africa...  
 19266  
 Uruguay.....19275  
 work management  
 U. S. S. R.....19262,  
 19284  
 See also Efficiency; Em-  
 ployment; Housing;  
 Mexicans, labor in  
 U. S.; Wages; and under  
 Industry, Women, and  
 names of industries and  
 products.  
 Labor-saving devices. See  
 Electricity, on the  
 farm; Equipment, labor-  
 saving.  
 Laboratories.....18623  
 Laboulbeniaceae.....15399  
 Lachenalia.....16162  
 Lactarius.....15407  
 Lactation. See under names  
 of animals.  
 Lactose.....18573  
 Lactuca virus 1 Jagger....  
 15552  
 Ladino. See Clover,  
 Ladino.  
 Lambdina fiscellaria  
 somniaria.....18097  
 Lambs  
 Australia.....18950  
 care.....17585  
 costs and returns..19490  
 diseases.....17562  
 feeding and nutrition...  
 17544  
 injuries.....17553  
 parasites.....17572  
 Lameness, in horses..17176  
 Lamiinae.....17920  
 Land  
 Argentina.....19815  
 bibliographies.....14762

Item  
 Land--Continued.  
 cadastral surveys  
 Uruguay.....19453  
 Canada.....18403  
 classification  
 Ecuador.....19518  
 clearing.....18221,19482  
 Colorado.....19184  
 consolidation of hold-  
 ings, Germany....19434,  
 19466  
 Denmark.....19185  
 grading.....16461  
 Great Britain.....15125  
 improvement  
 Virginia.....14758  
 leveling.....14909  
 Louisiana.....19544-6  
 nationalization...15125  
 policies and programs  
 Hungary.....19469  
 prices.....19544-6  
 public.....15143,16563-4  
 Canada.....16712  
 Italy.....19416  
 reform  
 Brazil.....19204,19206  
 Venezuela.....19424  
 Yugoslavia.....19440  
 settlement and coloniza-  
 tion  
 Africa.....16323  
 Argentina...19367,19510  
 Australia...19179,19511  
 Tasmania.....19215  
 Brazil.....15127,19502,  
 19504,19512,19517  
 Canada.....19506  
 Saskatchewan...19527  
 Colombia...19508,19526  
 Ecuador.....19518  
 Italian Africa...19516,  
 19519  
 Italian East Africa...  
 19198  
 Italy.....19520  
 legislation  
 Libya.....19515  
 Libya...19513-14,19525  
 Paraguay.....19524  
 Poland.....19507,19523  
 Texas.....19505  
 Tunisia.....19181  
 Union of South Africa.  
 19207  
 Venezuela.....19201  
 statistics  
 Australia.....18491  
 taxation.....14759,19253  
 Argentina.....19256  
 Brazil.....19254  
 tenure.....19186  
 Alabama.....19538  
 Brazil.....19175,19204  
 Colombia.....19530  
 Germany...19535,19537,  
 19540  
 Great Britain...19532  
 history.....19532  
 India.....19194,19205  
 Mississippi.....19213  
 New Zealand...19529  
 Pacific Islands...19536  
 Peru.....19534  
 utilization.....14915,  
 14918,16325,16328,  
 19542  
 Baltic States...15117  
 Brazil.....19175  
 legislation.....14763  
 maps.....19503  
 Washington (State)....  
 19503

Item  
 Land--Continued.  
 values.....19179  
 Ecuador.....19178  
 Nevada.....14992  
 North Dakota....19543  
 See also Farms and farm-  
 ing; 4-H Clubs, land  
 utilization; Reclama-  
 tion; Soils; Veterans,  
 land settlement.  
 Land-grant colleges.19574,  
 19576,19586,19594,  
 19601,19649,19658  
 Landscape gardening.16007,  
 16016,16108,16111,  
 16132,16168  
 See also Roadside plant-  
 ing.  
 Lanfranchi, A.....16856  
 Lanolin.....15436  
 Laphygma frugiperda...18115  
 Lard.....17653  
 trade.....15208  
 Laringsoil.....16804  
 Larvicides  
 tests.....18012,18026  
 Laryngotracheitis  
 in poultry.....17305,  
 17309,17338,17340  
 Late blight, of potato....  
 15087,15469,15493,  
 15500,15524  
 Latex.....15723  
 Lath.....14847  
 Latrodictus.....17852  
 Latrodictus mactans.17850,  
 17867  
 Lawns...16074,16087,16123  
 seasonal care.....16166  
 See also Grasses; Turf.  
 Leadership, rural...19564  
 Leaf mold.....16555  
 Leaf roll, of potato.15548  
 Leaf spot  
 of coffee.....15467  
 Leases.....14731  
 France.....19531,19539  
 Germany.....19533  
 Great Britain.....19541  
 Leather.....15181,18973  
 industry.....18415  
 See also Hides and  
 skins; Tanning.  
 Leaves. See Foliar diag-  
 nosis.  
 Legislation  
 bibliographies...14786,  
 14855  
 France.....19531,19539  
 Michigan.....16157  
 See also under specific  
 subjects.  
 Legs  
 of poultry...17343,17362  
 Legumes  
 biochemistry.....15733  
 culture.....15850  
 for pastures.....14997  
 harvesting.....18284  
 inoculation.....14977  
 nitrogen fixation.....  
 16307-9  
 varieties.....15855  
 See also names of  
 legumes.  
 Lemoniidae.....18100  
 See also names of  
 genera.  
 Lemons  
 costs and returns..19496  
 harvesting.....19496  
 North Africa.....15941

Item  
 Lemons--Continued.  
 pruning.....15947  
 storage.....18824  
 Lepidoptera  
 collecting and collec-  
 tions.....18116,18139  
 India.....18144  
 mimicry.....18122  
 Patagonia.....18105  
 taxonomy.....18100  
 See also Butterflies;  
 and common group names  
 and names of families  
 and genera.  
 Lepidosaphes beckeri..18063  
 Lepidosaphes ulmi....18077  
 Leprosy.....17998,18044  
 Leptinotarsa decemlineata  
 France.....15232,17915,  
 17957-8  
 Portugal.....17956  
 Leptogastrinae.....17976  
 Lespedeza  
 irrigation.....14962  
 Lespedeza, Chinese...16398  
 Lettuce  
 diseases...15425,15443,  
 15521,15552  
 harvesting.....16227  
 varieties.....16233  
 yields.....16227  
 Leucojum vernum.....16134  
 Leucolinum trinidadense  
 n. g., n. sp.....17862  
 Leucophaea maderae...18163  
 Leukosis, in poultry  
 immunization.....17322  
 India.....17324  
 Ley farming  
 costs and returns..19499  
 Great Britain.....15815,  
 15823  
 See also Grasslands,  
 farming.  
 Libraries  
 Canada.....19664  
 Great Britain.....19570  
 rural.....19664  
 See also U. S. Dept. of  
 Agr. Library.  
 Lice  
 control.....17680  
 See also Anoplura;  
 Mallophaga; and names  
 of families and genera.  
 Lichens  
 South America.....15405  
 See also names of fami-  
 lies and genera.  
 Light  
 effect on  
 insects.....15315  
 plants.....16137  
 poultry.....17433  
 See also Photoperiodism  
 in plants; Photosensi-  
 tization.  
 Lighting.....18382  
 See also Poultry, hous-  
 ing, lighting.  
 Likwid-Gro.....16107  
 Lilac.....16052  
 Lily  
 culture.....16088,16141  
 Switzerland.....16154  
 Lily, Easter.....16064  
 Lime  
 in soil improvement....  
 16350  
 See also Calcium.  
 Lime sulfur  
 fungicides.....14776



Limestone.....15301,16543  
 Liming materials.....16544  
 Limnophila.....17970  
 Limonia.....17968-9  
 Linkage, in insect  
 heredity.....17999  
 Linognathus cervicaprae...  
 18191  
 Linseed. See Flax, seed.  
 Linseed oil  
 analysis and composition  
 19072  
 Argentina.....19045  
 Lipoxidase.....15729  
 Liqueurs.....18522  
 Liriodendron tulipifera.  
See Tuliptree.  
 Listers.....18251  
 Lithiasis. See Calculi.  
 Livestock  
 adaptation.....15221  
 Africa.....15221  
 anatomy and physiology...  
 15216,16864  
 Argentina.....18909-10  
 associations.....16738  
 Australia.....18953  
 Brazil.....18911  
 breeds and breeding.....  
 16738,16928,  
 19819  
 Canada.....16865  
 care, post partum,16831,  
 16859  
 Colombia.....18921  
 cooperatives.....16928  
 costs and returns,17870,  
 19486  
 diseases....16794,16808,  
 16818,16836,16840,  
 16851  
 Canada.....16791  
 transmission.....16861  
 farms and ranches,16870,  
 18910  
 feeding and nutrition...  
 16736,16746,16748-9,  
 16753,16820  
 deficiencies.....16768  
 pasture and range.....  
 16772  
 use of substitutes....  
 16742,16745  
 fertility.....16732,  
 16736-7,16740-1  
 Germany.....18935  
 glossaries.....16874  
 heredity....16731,16733,  
 16794  
 identification.....16871  
 industry.....18929,18931  
 Italy.....16803,16875,  
 18898,18901,18918  
 legislation.....18941  
 Luxembourg.....16873  
 New Mexico.....18932  
 parasites.....15212,  
 15220,16835,17870  
 Brazil.....16830  
 poisoning.....16796,  
 16809,16829,16838  
 prices.....18960  
 regulation and inspec-  
 tion.....16873  
 sanitation.....16803  
 shows and sales...16865,  
 16876  
 situation and outlook...  
 18900,18923  
 slaughtering.....16869  
 South Dakota.....15016  
 statistics.....18483  
 surgery.....16785,16819

Livestock--Continued.  
 transportation....18941,  
 18953  
 Tropics.....15221  
 Tunisia.....19181  
 U. S. S. R.....18927  
 Uruguay.....18897,18960,  
 19486  
See also Artificial in-  
 semination; Feed; 4-H  
 Clubs, livestock; Hy-  
 bridization, animal;  
 Ruminants; Slaughtering;  
 Veterinary medicine;  
 names of animals;  
and names of feeds and  
 of anatomical parts,  
 diseases, parasites,  
 and products.  
 Livestock products  
 Brazil.....15167  
 Living conditions. See  
 Cost and standard of  
 living.  
 Ljungner Expedition..18105  
 Lobelia.....16030  
 Loberus.....17921  
 Loboplasia n. g.....18142  
 Locker plants.....14801,  
 14895,18371,18474,18476  
 Chile.....18976  
 layouts.....18374  
 operation.....18472  
 service.....18482  
See also Freezing of  
 food; Refrigeration.  
 Locust, black.....16593  
 Locust-bean gum. See  
 Tragacanth.  
 Locusta migratoria  
 India.....18160  
 Locusts (Orthoptera). See  
 Grasshoppers and locusts.  
 Logging.....16647  
 waste.....16646  
 Lolium temulentum. See  
 Ryegrass, darnel.  
 Lone star tick. See  
 Amblyomma americanum.  
 Loranthaceae.....15619  
 Lotus.....18045  
 Lovegrass.....15824  
 Lubricating oils.....18310  
 Lucerne. See Alfalfa.  
 Lumber.....16637  
 California.....14847  
 Canada.....16635  
 Ethiopia.....16641  
 grading and standardi-  
 zation.....15262  
 Nevada.....14847  
 prices.....16581  
 situation and outlook...  
 15247,15251,16636  
See also Kilns; Saw-  
 mills; Wood; and tree  
 and lumber names.  
 Lumbering  
 labor.....16638  
See also Logging; Saw-  
 mills.  
 Lunches, school....14927,  
 14940,14945-6,14950,  
 15243,18449,19740,  
 19742,19753,19755-6  
 Lupine  
 poisonous plant....17577  
See also Lupinus.  
 Lupine, European blue.....  
 15821  
 Lupinus.....15359  
See also Lupine.  
 Lycaste tricolor....16028

Lycopersicon pimpinel-  
 lifolium. See Tomato,  
 currant.  
 Lymantridae.....18134  
See also names of  
 genera.  
 Lymphangitis, mycotic  
 in horses.....17179  
 Lyperosia exigua.....17977  
 Lysenko, Trofim.....19845  
 McFadden, E. S.....15268  
 McGuire, John Carson,19618  
 Machilidae.....18183  
See also names of  
 genera.  
 Machinery. See Equipment  
 and kinds of equipment.  
 Macromastix.....17968  
 Magnesium  
 effect on plants...15655  
 in plants...15644,15697  
 Magnolia.....15594,16086,  
 16165  
 Mahogany, wood.....16680  
 Maize. See Corn.  
 Malaise, René.....17921  
 Malaria  
 Brazil.....18021  
 control.....18024  
 study and teaching....  
 18014  
 Egypt.....19595  
 in poultry.....17345-6  
 Indo-Burmese border....  
 18009  
 Kentucky.....18036  
 Liberia.....18038  
 Switzerland.....18027  
 Texas.....18022  
 transmission.....18010,  
 18015  
See also Plasmodium.  
 Malleomyces pseudomallei..  
 18013  
 Mallophaga  
 eggs.....18187  
 Neotropical.....18188  
See also names of  
 families and genera.  
 Mallota separata n. sp....  
 17984  
 Malnutrition. See sub-  
 heads under Nutrition  
 (human).  
 Malpighiaceae.....15352  
 Malt.....15161  
 Mammary gland  
 of cattle.....17044  
 Mammillaria.....16090  
 Mammitis. See Mastitis.  
 Manganese  
 in plants.....15720  
 Mange  
 on cattle.....17859  
 on horses.....17888  
 on sheep.....17890,17904  
 Mangifera indica. See  
 Mangoes.  
 Mangoes  
 diseases.....15424  
 pests.....18110  
 Manioc. See Cassava.  
 Manistee Natl. Forest,  
 Mich.....16576  
 Manna.....15642  
 Mantidae  
 parasites and predators  
 of.....18093  
See also names of genera.  
 Manure spreaders.....18254  
 Manures.....16550,16556-7,  
 16560

Manures--Continued.  
 storage.....18367  
See also Green manures.  
 Maple, anatomy and physio-  
 logy.....15633  
 Maps and mapping. See  
 under specific subjects.  
 Marasmus.....15407  
 Margarine.....15186,19069  
 Maritime Farmer.....19812  
 Markets and marketing....  
 15308  
 Alabama.....18428  
 Brazil.....18440  
 Canada.....18436-7,18444  
 Colombia.....18446  
 Ethiopia.....18427  
 Germany.....18435,18445  
 Hawaii.....18438  
 Kansas.....18434  
 legislation.....18438  
 regulation and inspec-  
 tion.....14865,18435  
 roadside.....18316,18442  
 self-service.....18443  
 situation and outlook...  
 18448  
 Sweden.....19384  
 Union of South Africa...  
 18441,18954  
See also Black markets;  
and under names of  
 commodities.  
 Marmalade. See Jellies  
 and jams.  
 Maroma. See Ficus maroma.  
 Md. Comm. of State For-  
 ests and Parks.....16717  
 Mastitis  
 in cattle....16998,17000  
 control...16997,17005,  
 19031  
See also Agalactia,  
 contagious.  
 Maté.....15166,19170  
 Matricaria discoidea. See  
 Pineapple weed.  
 Matricaria matricarioides.  
See Pineapple weed.  
 Maxillaria macrura...16029  
 Mayo, Nelson S.....16822  
 Meadows. See Pastures.  
 Meal. See kinds of meal.  
 Meal planning. See Cook-  
 ery, meal planning.  
 Measles, of apple....15525  
 Meat  
 Argentina.....18912  
 Australia.....18961  
 bacteria...18936,18967-8  
 Brazil.....15167  
 Canada,18943,18962,19725,  
 care and handling.....  
 18967-8  
 consumption.....14930  
 cookery.....15045-6  
 Ethiopia.....18906  
 extracts.....18937  
 freezing.....18970  
 Great Britain.....18958  
 Italy.....18949  
 marketing...18943,18948-9  
 prices.....18960  
 control.....18961  
 quality.....17870  
 rationing....18962,18965  
 regulation and inspec-  
 tion.....16798,18957  
 situation and outlook...  
 14954,18905,18924,  
 18938  
 statistics.....14870  
 substitutes.....15047



Meat--Continued.  
trade.....19725  
Union of South Africa...  
18954  
Uruguay.....18948,18960  
See also 4-H Clubs,  
meat; and kinds of meat.  
Meat meal.....17617  
Meatus acusticus  
of dogs.....17126  
Mechanics. See Shops,  
farm; Tractors, mechan-  
ics; subhead maintenance  
and repair under Equip-  
ment; and names of  
machines and vehicles.  
Mechanization.....18214  
Medical entomology. See  
Insects, and disease.  
Medical service. See  
Health.  
Medicine, tropical. See  
Diseases, tropical.  
Mediterranean fruitfly.  
See Ceratitis capitata.  
Megalopygidae.....18100  
See also names of  
genera.  
Megastigmus spermotrophus.  
18088  
Meiosis, plant.....15585  
Melaltoncha ronnai....17682  
Melamine glue.....14839  
Melandrium.....15618  
Melanoplus differentialis.  
18159  
Meloee  
rugosus group.....17928  
Melolontha.....17930  
Melons  
culture.....15296  
nutritive value....19770  
pests.....17746  
See also names of  
melons.  
Memorial plantings..16050,  
16104  
Menesia.....17935  
Mentzelia.....15378  
Mercury bichloride...17179  
Mesembryanthemum edule.  
See Hottentot fig.  
Mesogramma arethusa n. sp.  
17984  
Mesquite.....15670  
as feed  
for turkeys.....14969  
Metabolism. See under  
names of animals.  
Metaphycus helvolus..18070  
Metarrhizium anisoplae....  
15499  
Metataenia.....17963  
Meteorology.....14986  
See also Climate and  
weather.  
Metopoplectus.....17935  
Metritis, in cattle..17041  
Metropathy.....17046  
Mexicans, labor in U. S...  
19286  
Micaria.....17858  
Mice, control.....19829  
Mich. Artificial Breeders'  
Coop., Inc.....16927  
Mich. State Col.....16842  
Michurin, Ivan.....19857  
Microarctia.....18117  
Microbiology. See Soils,  
microbiology.  
Microbracón, eggs....18094  
Microfilaria  
in poultry.....17310

Item  
Microfilaria malayi...18033  
Microorganisms. See Soils,  
microbiology; and names  
and classes of organisms.  
Microstigmus guianensis...  
18083  
Microtendipes caducus  
n. n.....18002  
Migration. See Labor, mi-  
gratory; Land, settlement  
and colonization; and  
under Population.  
Migratory locust. See  
Locusta migratoria.  
Mildew.....14737  
of apple.....15484  
See also Downy mildew;  
Powdery mildew.  
Mildewproofing.....18690,  
18701  
Milk  
Africa.....18640  
analysis and composition  
18561,18579,18586  
and disease.....15190  
as feed  
for poultry.....17294  
bacteria.....15190,17023,  
18580-1,18584,18596,  
18614  
tests.....18575  
Brazil.....18560,19484  
Canada.....18589  
care and handling..15190,  
18544,18571,18622  
chemistry.....15190  
Chile.....18541  
condensed and evaporated  
18619,18636  
Connecticut.....18603  
cooling.....18258,18620  
costs and returns..15131,  
19484-5,19495,19498  
distribution.....14985,  
14998,15009  
dried.....18627  
analysis and composi-  
tion.....15183  
industry.....15183  
packaging.....15183  
situation and outlook.  
15183  
drying  
equipment.....15183  
Eire.....18548  
fat...18588,18620,19040,  
19773  
tests.....18576,18582  
flavor and odor...15019,  
18577,18630  
Germany.....18552,18558  
Great Britain.....15131,  
18546,18594,18596,  
18958,19495,19498  
homogenized.....18640  
marketing...15188,18590,  
18593-4,18599-600,  
18603  
labor.....14932  
legislation.....18619  
regulation.....18595  
Uruguay.....18601  
New Zealand.....15188  
pasteurized.....18571,  
18587,18621,18624,  
18635,18638  
physical properties....  
18578  
prices..14865,18615,19407  
processing, labor..14932  
production...15111,15188  
quality.....15183,17071,  
18586,18613,18622

Item  
Milk--Continued.  
regulation and inspec-  
tion.....14958,18571,  
18604,18607,18612,  
18958  
situation and outlook...  
18562  
solids-not-fat....15183  
straining.....18618  
subsidies.....19407  
Sweden.....18568  
Switzerland.....18588  
trade.....19718  
transportation...18269,  
18591,18596-7,18602  
Union of South Africa...  
18635,19485,19718  
utilization.....18589  
vitamins.....19781,19789  
See also Yoghurt.  
Milk, buffaloes.....19781  
Milk, skim.....15183  
Milk bottles. See Milk,  
containers.  
Milk plants  
Germany.....18569  
Milking.....16997,17064,  
17070,17091  
Milking machines....18255,  
18273  
sanitation.....18265  
Milkweed, butterfly..16076  
Millet.....14888  
toxicity.....18419,19041  
See also Pearl millet;  
Ragi millet.  
Millipedes. See Diplopoda.  
Mills and milling...18281,  
18864  
equipment...18264,18287  
regulation and inspec-  
tion.....18886  
See also Sawmills; and  
under names of prod-  
ucts.  
Mimicry. See Lepidoptera,  
mimicry.  
Mine timbers.....16670  
Minerals  
effect on plants..15634,  
16311  
in animal nutrition....  
15069,16752,16765,  
16773,17632  
in human nutrition..16773  
in poultry nutrition...  
17293  
See also names of  
minerals.  
Mining, Paraguay....15207  
Minor elements. See  
names of minor elements.  
Miridae  
Neotropical.....18053  
See also names of  
genera.  
Miss. Agr. and Indus. Bd..  
19826  
Miss. Agr. Expt. Sta.....  
19861-2  
Miss. Agr. Ext. Serv.19607  
Miss. Central Farmers  
Exch.....19695  
Miss. Fed. Coop.....19683  
Miss. Forestry and  
Chemurg. Assoc.....16718  
Miss. Home Demon. Council.  
19630  
Miss. Rural Life Council..  
19563  
Miss. State Agr. Workers  
Coordinating Council.....  
19277

Item  
Miss. State Dept. of Agr.  
and Com.....19806  
Mo. Pacific Railroad Corp.,  
Nebr.....14923  
Mites  
and disease.....17854  
See also names of  
families and genera.  
Mitona.....17955  
Mitosis.....15580  
Mocis.....18103  
Mohair.....14922,14924  
Molasses.....15201  
as feed.....15032  
as fertilizer.....16546  
in animal nutrition....  
17544  
Moldproofing...18701,18973  
Molds.....15509,15687  
See also Mildew; names  
of molds and classes  
of molds; and under  
names of products.  
Moles.....15441  
Money and currency..15308,  
18425  
Monstera deliciosa...16101  
Mont. Reclam. Assoc..16431  
Monticola n. g.....17900  
Moon, effect on plants...  
15648  
Morgan, Mont Francis..19853  
Mortgages. See Credit,  
mortgage.  
Mosaic  
of lettuce.....15552  
of potato....15542,15548  
Mosquitoes  
and disease.....18010,  
18031-3,18042  
breeding places...18029,  
18045  
control.....18011,18020,  
18035-6,18040  
engineering methods...  
18023,18034,  
18037,18041  
equipment.....18025  
rearing and breeding...  
18046  
See also Culicidae; and  
names of genera.  
Mosses. See Musci.  
Mothproofing. See Insect-  
proofing.  
Motion pictures.....14724  
See also Films.  
Motors.....18313  
electric.....18296,18311  
See also Engines.  
Mowers.....18226  
Muintir na Tíre.....19339  
Mulberry.....18172  
culture.....15293  
diseases.....15411  
Mulching.....14746,14859,  
16408,16416  
Mules, diseases.....17179  
Musca domestica.....17988  
anatomy and physiology..  
18008  
parasites and predators  
of.....17995  
Musci.....15715  
See also names of  
genera.  
Mushrooms.....16263  
culture.....16198,16232  
Musts. See Wine, musts.  
Mutation  
animal.....19816  
insect.....17982,17999  
plant.....19816



- Item**  
Mycetozoa. See Myxomycetaceae.  
Mycology. See Fungi.  
Myiasis, in cattle...17985  
Myoporum platycarpum...15642  
Myriangiales...15397  
Myrica cerifera. See Waxmyrtle, southern.  
Myriogramme...15392  
Mystropomus regularis n. sp...17911  
Myxomatosis, infectious...17507  
Myxomycetaceae...15577  
Myxophyceae...15274  
Myzus cerasi...17725  
Myzus persicae...17725
- Narcissus**  
varieties...16011, 16097, 16109
- National Canners Assoc.**...18477
- National Farm Radio Forum, Canada.**...19628  
**National Farmers' Union (Gt. Brit.)**...19283  
**National Fire Control Equipment Com.**...14840  
**National forests.** See Forests, national; and names of forests.  
**National Inst. for Res. in Dairying, Reading, England.**...18633  
**National Joint Indus. Council for the Flour Milling Indus.**...18281  
**National parks.** See Parks; and names of parks.  
**National Poultry Impr. Plan.**...14785, 17421  
**National Safety Council.**...14740
- National Turkey Impr. Plan.**...17418  
**Nebraska.**...17418
- Natural resources**  
Japan...19180  
See also Conservation of natural resources.  
**Naval stores.**...15747, 16684-5  
See also names of products.  
**Navasota (Tex.) School.**...15844  
**Nebr. Reclam. Assoc.**...16474  
**Necrosis**  
of citrus...15429  
of mango...15424  
**Nectarines.**...15958  
**Negroes.** See Education, Negro; Extension work, Negro.  
**Neighborhoods.** See Communities.  
**Nematodes**  
in citrus...15560  
in potato...14790  
in poultry...17342  
in spiders...17877  
in tobacco...17687  
See also names of nematodes, nematode diseases, and animals, insects, and plants affected.  
**Neocouma.** See Ambelania.  
**Nephoteryx eugraphella.**...18109
- Item**  
**Nephritis**  
in dogs...17118  
in sheep...17568  
**Nerves, of dogs.**...17125  
**Neseis (Icteronyssius).**...18076  
**N. H. Agr. Expt. Sta.**...16063  
**N. J. State Hort. Soc.**...19268  
**New South Wales. Dept. of Agr.**...19477  
**N. Y. (Cornell) Agr. Expt. Sta.**...16065  
**N. Y. Cotton Exch.**...18668, 18687, 18705, 18707, 18713, 18716, 18725, 18729, 18754  
**N. Y. State Flower Growers, Inc.**...16065  
**N. Y. Zool. Soc. Dept. of Insects.**...17667  
**Newcastle disease virus.**...17321  
**Newportia oligopla n. sp.**...17862  
**Niacin.**...19790  
**Nicotiana.**...15279, 15705  
See also Tobacco.  
**Nicotiana glutinosa.**...15607  
**Nicotiana sylvestris.**...15579  
**Nicotiana tabacum.** See Tobacco.  
**Nicotine insecticides.**...17686  
**Nicotinic acid.** See Niacin.  
**Nitela.**...18095  
**Nitrites.**...16838  
**Nitrogen**  
effect on plants...15691  
fertilizers...16335, 16337, 16341, 16343-4, 16351, 16356, 16368, 16371, 16380, 16382-3, 16385, 16388, 16390, 16401-2, 16534, 16536, 16541  
tests...16361, 16370, 16397, 16532  
fixation...16305-6  
in plants...15727, 15734, 16451  
in soils...16299  
sources...16379, 16537  
**Noctuidae.** See Phalaenidae.  
**Nomada.**...18091  
**Norco Co-op. Ltd. (Australia).**...18632  
**Nornicotine.**...15705  
**N. Dak. Reclam. Assoc.**...16424  
**Nosotrinchus.**...17963  
**Notonecta**  
New England...18058  
**Nucleotides.**...15658  
**Nurseries (plant)**  
Brazil...15894  
diseases...15461  
forest...15739  
**Nutallia equi.**...17181  
See also Piroplasmosis.  
**Nutrient solutions for plants.**...16180  
See also Soilless culture.  
**Nutrition (animal).** See Feed, nutritive value; Soils, nutrition relationships; subhead feeding and nutrition under Livestock, Poultry, and names of animals; and subheads as feed and in animal nutrition under names of plants and products.
- Item**  
**Nutrition (human).**...15239, 15308, 19736, 19744  
and health...19733, 19784  
and teeth...19735, 19754  
Brazil...19737-8  
Chile...19741  
deficiencies...19791, 19793  
for blood donors...15064  
history...19752  
in industry...14741, 14944, 15242  
in old age...19734  
Indians...19743  
Peru...19534, 19746, 19749  
programs...15244-5  
standards and tables...19731  
study and teaching...19740, 19748, 19757  
surveys...19745  
Tropics...19747  
Utah...15233  
youth...15234  
See also Cookery; Deficiency diseases; Food; Institutions, food; Lunches; Soils, nutrition relationships; Vitamins; and names of foods and food elements.  
**Nutrition (plant).** See Deficiency diseases; Growth substances for plants; Nutrient solutions for plants; Plants, nutrition; and subheads effect on plants and in plants under Minerals and Soils, and names of plants and plant nutrients.  
**Nuts**  
California...15169  
statistics...14833  
varieties...15994  
See also names of nuts.  
**Nylon.**...18734  
**Nymphalis californica.**...18104
- Oak.**...16598  
bark...16702  
diseases...15472, 15515, 15559  
management...16634  
wood...16650  
**Oak, cork.**...16596  
propagation...15744  
**Oat mill feed.**...16744
- Oats,**  
culture...15776, 15790  
Eire...15769  
fertilizers...16343  
prices...14865  
varieties...15765, 15791, 16343  
yields...15801
- Obstetrics.** See Caesarian section; and subheads care, postpartum and parturition under names of animals.  
**Occupations.** See Women, occupations; and subhead as an occupation under specific subjects.  
**Ochoco National Forest.**...14848  
**Ocotea, stinkwood.**...16597  
**Odonata**  
nymphs...18164
- Item**  
**Odonata--Continued.**  
See also names of families and genera.  
**Oedisterna.**...17963  
**Oenanthe.** See Water dropwort.  
**Oenotheraceae.**...15380  
**Oestrus.** See subhead estrus under names of animals.  
**O'Higgins, Bernardo.**...19836  
**Oiketicus kirbyi.**...18102  
**Oil meal**  
as fertilizer...16535  
**Oil plants**  
Germany...19058, 19070-1  
See also names of oil plants.  
**Oils and fats.**...19041  
analysis and composition  
15162, 19046-7  
animal...15308, 18980, 19011  
Argentina...19013, 19045  
Asia...18998  
conservation...15107  
consumption...19010  
Europe...18997, 19004, 19013-14, 19017  
Finland...18964  
France...18964, 18996  
Germany...18985, 18999  
Great Britain...18964  
Hungary...18964  
in flour...18871  
in food manufacture...15162  
Italy...18993, 19024, 19064  
manufacture and refining  
18987, 19029  
marketing...19006, 19039  
melting point...19053  
Mexico...19039  
nutritive value...15162  
prices...19064  
processing...15162  
rationing...18964, 18999  
situation and outlook...19002, 19073  
Spain...19006  
spoilage...19021, 19047  
statistics...18980, 19000, 19014  
Switzerland...18964  
trade...18980, 19000, 19006, 19010-11  
utilization...14937, 15162  
vegetable...15308, 16252, 19000, 19003, 19010-11, 19024  
vitamins...19772  
See also Essential oils; Lubricating oils; Fools, oils and fats; and names of oils and fats.  
**Oilseeds.**...15308  
analysis and composition  
19018  
India...19030  
Italian East Africa...19018  
waste  
as fertilizer...16535  
See also names of oilseeds.  
**Okla. Agr. Expt. Sta.**...16943  
**Olea europaea.**...15354-5  
See also Olives.  
**Oleomargarine.** See Margarine.  
**Oligotracheatae.**...17876



- Olios**.....17896
- Olive fruitfly.** See  
*Dacus oleae*.
- Olive oil**.....19027  
Algeria.....19012  
analysis and composition  
19032,19057  
as fuel.....18307  
extraction.....18988,  
19048-9,19062  
France.....19012  
Italy.....18992,19074  
Libya.....19019  
Morocco.....19012  
nutritive value....19761  
production.....19015  
research.....19060  
statistics.....19012  
Tunisia.....19012,19052
- Olives**.....15934  
analysis and composition  
18994,19027-8,19032,  
19054  
anatomy and physiology..  
15590-2,15661,  
15666-9,15674  
byproducts.....19051  
culture.....15910,15912,  
15919,15921-2  
Dalmatia.....19023  
Greece.....15929  
history.....15922  
Italy.....15909,15916,  
15918,15923,15925,  
15927,15930,15937,  
15949-50,15952,18989,  
18992,19026,19074  
nutritive value....19786  
pests.....18066  
Portugal.....19016  
preharvest drop....15665  
preservation.....19055-6  
propagation.....15914,  
15926,15936,15939  
Sicily.....15932  
Spain.....19005,19007-9  
statistics...19008,19025  
Turkey.....19025  
varieties...15917,15931,  
15934,15951,19033  
See also *Olea europaea*.
- Omphalia flava**. See  
Leaf spot, of coffee.
- Onchocerciasis**.....18004
- Onion, Welsh**.....15578
- Onions**.....16259  
breeding.....16193  
culture.....16188  
diseases.....15478  
hybrids.....15578  
seed,treatment....15458  
situation and outlook...  
14934
- Ontario. Dept. of Agr.**  
Statist. Branch.....18490
- Onychotillius vittatus** n.  
g., n. sp.....17925
- Opharus**.....18147
- Ophiobolus graminis.** See  
Take-all.
- Opiliones.** See *Phalangida*.
- Oplopanax horridum**...16027
- Oranges**  
anatomy and physiology..  
15593  
Australia.....18756  
Colombia.....18789  
diseases....15423,15593,  
17907  
grading and standardi-  
zation.....18816  
India..15907,15940,18816  
marketing.....18789
- Oranges--Continued.**
- Paraguay.....18776  
soils.....16333  
utilization.....18789  
varieties....15945,15948  
wine.....18533  
yields.....15945  
See also Vermouth, from  
oranges; Wine, from  
oranges.
- Orchard management**..18106,  
19459
- Orchards.** See Cover  
crops, orchard; Fruit.
- Orchid**  
culture.....16102,16137  
germination.....16094  
pests.....17741  
Venezuela.....16070  
See also names of  
orchids.
- Orchidaceae**  
Mexico.....15381
- Oreg. Reclam. Congress**....  
16453
- Organizations**.....19665  
Brazil.....19678  
Canada..19674,19696,19701  
international....14761,  
15308
- Union of South Africa**...  
19700
- Uruguay**.....19671,19691  
See also Cooperative  
organizations; Women,  
organizations; names of  
organizations; and sub-  
head associations under  
specific subjects.
- Oribatidae**.....17903  
See also names of genera.
- Ormoplastina**.....16821
- Ornamental plants**....16172  
culture.....16065,16149  
seasonal care....16117  
fertilizers..16345,16357  
perennials.....16043  
seasonal....16032,16037,  
16115,16171  
See also Flowers;  
Shrubs; Trees; and  
names of plants.
- Ornithodorus papillipes**...  
17891
- Orsodacninae**.....17938
- Orthaga exvinacea**....18110
- Orthaulaxis**.....17938
- Orthodichlorobenzene**..18011
- Orthoporus**.....17894
- Orthoptera**.....18156  
See also Grasshoppers  
and locusts; and names  
of families and genera.
- Osgian, V. K.**.....18172
- Osmosis**.....15639
- Ostodes**.....17935
- Osteomyelitis**  
therapy.....16846
- Osteomyeloscclerosis**, in  
poultry.....17350
- Osteoporosis**  
in horses.....17192
- Osuna, Pedro**.....14814
- Otitis externa**  
in horses.....17174
- Oudemansiella**.....15407
- Outlook, agricultural.**  
See Agriculture, situa-  
tion and outlook.
- Ovariectomy, cattle**...15214
- Oxalidaceae**.....15380
- Oxalis, violet wood-**  
sorrel.....16256
- Oxen**.....17072
- Oxychloride**....16857,16863
- Oxygen, in canned foods**...  
18460
- Oxyrhina zoppei** n. g.,  
n. sp.....17897
- Oxyuriasis**  
in rabbits.....17505
- Oysters**.....15203
- Oystershell scale.** See  
*Lepidosaphes ulmi*.
- Pachypsylla celtidis-gemma**  
18078
- Packaging.** See Containers;  
and under names of com-  
modities.
- Paddy husk**.....18855
- Painted lady.** See *Vanessa*  
*cardui*.
- Painting**.....18205
- Pakchoi**.....16229
- Pale western cutworm.** See  
*Agrotis orthogonia*.
- Paleobotany**...15314,15323,  
15326-30,15336,  
15338,15340
- Paleozoology.** See Fossil  
insects.
- Palm.** See names of palms.
- Palm, peach**.....19172
- Panama disease, of banana.**  
See Wilt, of banana.
- Panleukopenia**  
in cats.....17128
- Pansy**.....16150
- Pantothenic acid**  
in poultry nutrition....  
17339
- Papayas**.....15935  
India.....18779
- Paper.** See Pulp and paper.
- Paperboard**.....16691  
physical properties....  
16693  
See also Containers,  
paper and paperboard.
- Papilio**.....17725
- Papilio aristodemus**  
ponceana.....18124
- Paprika.** See Peppers.
- Paralysis**  
in dogs.....17133  
in poultry.See Leukosis.
- Paranoplocephala mamillana**  
in horses.....17172
- Paraplegia, in sheep**..17569
- Parasites**.....15212  
index.....14777  
See also names of  
parasites; and under  
names of hosts.
- Paratetranychus pilosus**...  
17878
- Paratiroza cockerelli**....  
18051
- Paratyphoid**  
in cattle.....17018  
See also Salmonellosis.
- Parity**.....15210
- Parks**.....16104  
Canada.....19655  
See also Memorial plant-  
ings; and names of  
parks.
- Parlatoria oleae**....18066
- Parnassius**.....18118
- Parthenium argentatum.**  
See Guayule.
- Parthenium incanum**...15612
- Parthenogenesis**  
insect.....17814
- Parturition.** See subheads  
under names of animals.
- Passalobia quadricaudata**..  
17881
- Passiflora**.....16126
- Passiflora coerulea**..16049
- Passionflower.** See  
*Passiflora*.
- Pasteurella**.....17565
- Pasteurella avicida**..17312
- Pasteurellosis, in cattle.**  
See Hemorrhagic septi-  
cemia.
- Pasteurization.** See Milk,  
pasteurized.
- Pastures**  
and animal nutrition....  
16950,16765  
Australia.....15839  
Canada.....15846  
fertilizers.....16352,  
16359,16380,16397,  
16405  
Indiana.....15841  
irrigated....14908,15813  
management..15812,15814,  
15818,15830,15834,  
15838,15840,15844,  
15857,16359,17585  
seasonal....15827,15847  
soils.....16302  
Sweden.....16749  
Virginia.....15835  
See also Forage plants;  
Grasses; Grasslands;  
Grazing; Ley farming;  
Ranges; and subhead  
feeding and nutrition,  
pasture and range  
under Poultry and  
names of animals.
- Patents, plant**.....15898,  
15948,16155
- Pathology**  
forest. See Trees,  
diseases.  
plant. See Phytopath-  
ology; Plants, dis-  
eases.
- Paulistostreptus** n. g.....  
17894
- Pea weevil.** See *Bruchus*  
*pisorum*.
- Peach valva**.....14739
- Peaches**  
anatomy and physiology..  
15417,15627-8  
Canada.....18815  
culture.....15973  
diseases....14776,15554,  
15557  
fertilizers.....16332  
Ohio.....15954  
pests.....17725
- Peanuts**  
Argentina.....15865  
Colombia.....15866  
harvesting.....14968  
industry.....19050  
nutritive value....19777  
pests.....18112  
products.....14968  
situation and outlook...  
18990  
spraying and dusting....  
14745  
storage.....14968  
varieties.....15025
- Pearl millet**.....15836
- Pears**.....15965  
Australia.....18760  
diseases....15505,15516,  
15520



- Item**
- Peas  
as feed  
for swine.....17617  
China.....16239  
diseases.....15462,15473  
for processing....16202,  
16236  
France.....16236  
pests.....14788  
vitamins.....19796  
Peat.....15657,19155  
Pecans  
history.....15995  
soils.....16326  
storage.....15021  
Pectinophora gossypiella  
parasites and predators  
of.....18111  
Pediculus humanus corporis  
18189  
control.....18186  
Pegomyia hyoscyami betae..  
17994  
Peltigera.....15405  
Peltularia n. g.....15405  
Penicillin.....15410,17753  
therapeutic use...16846,  
17022,17044,17320,  
17551  
Penis, of horses....17168,  
17183  
Pennycress, field...16252  
Peony  
varieties....16060,16081  
Peony, tree.....16145  
Pepper, betel.....16262  
Pepper (condiment)  
substitutes.....16270  
Peppermint.....16258  
Peppers  
anatomy and physiology..  
15583  
See also Redpepper,  
bush.  
Perennials. See under  
Ornamental plants.  
Perfumery.....19065  
Pericallia.....18117  
Periodicals  
Brazil.....19828  
Canada.....19812  
Perishable Agricultural  
Commodities Act, 1930....  
18804  
Peritoneum  
of livestock.....16780  
Pernambuco, Escola  
Superior de Agricultura..  
18165  
Perrisia ignorata....17991  
Persimmons, diseases.15393  
Personnel. See Government,  
personnel.  
Pest control.....18314  
See also Insects, as  
pests; Plants, pests;  
and names of pests.  
Petralyus.....17875  
Petroleum  
substitutes.....18011  
Petrunkévitch, Alexander..  
19841,19858  
publications.....19841  
pH. See Hydrogen-ion con-  
centration; Soils, hy-  
drogen-ion concentration.  
Phaeophyceae.....15274  
Phalaenidae  
Indo-Malayan region.....  
18142  
See also names of  
genera.
- Item**
- Phalangida.....17895,17899  
Brazil.....17897,17900  
See also names of  
families and genera.  
Phalepsus.....17955  
Pharmacy.....19867  
Phegoptera.....18147  
Phenol.....14839  
Phenothiazine  
insecticides.....17738,  
18130  
therapeutic use...16987,  
17024,17191,17331,  
17572,17636  
Phlegetonia.....18142  
Pholcus.....17898  
Phoma foveata  
on potato.....15483  
Phosphatase.....18585  
Phosphoric acid.....16757  
in soils.....16295  
Phosphorus  
effect on plants...15638  
fertilizers.....16390,  
16533  
fixation.....16295  
in animal nutrition....  
16972  
in plants.....15731  
in soils.....16299  
Phosphorylase.....15719  
Photography.....19643  
Photoperiodism in plants..  
15664,15675  
Photoprints.....19823  
Photosensitization..16855,  
17548  
Photosynthesis. See  
under Plants; and sub-  
head physiology under  
names of plants.  
Phthorimaea operculella.  
See Gnorimoschema  
operculella.  
Phyllophaga.....14960  
Phylloxera vastatrix.18060  
Phylloxera vitifoliae....  
18061  
Physiography  
Argentina.....19815  
Phytomonas solanacearum.  
See Brown rot, of potato.  
Phytomonas syringae  
on citrus.....15540  
Phytopathology  
study and teaching.....  
15420,15463  
technique and equipment..  
15424,15431,15442,  
15509  
See also 4-H Clubs,  
phytopathology; Plants,  
diseases.  
Phytophthora cactorum  
on tomato.....15476  
Phytophthora cinnamomi  
on avocado.....15476  
Phytophthora megasperma  
on carrot.....15529  
Phytophthora palmivora  
on cacao.....15476  
Picard, François.....15399  
Picea mariana. See  
Spruce, black.  
Pickles.....14737,14958  
Pickleworm. See Diaphania  
nitidalis.  
Picotee. See Dianthus.  
Pigeons  
breeds and breeding.....  
17245
- Item**
- Pigeons--Continued.  
breeds and breeding--  
continued.  
Carneau.....17235  
Yellow.....17216  
English Carrier..17215  
Fantail.....17253  
Flight, American  
Domestic.....17251  
Homer.....17220  
King.....17225,17250  
Magpie.....17222  
Mondaine Swiss...17236  
White.....17252  
Montauban.....17262  
Roller.....17212  
Birmingham.....17244  
Scandaroon.....17258  
Tippler, Flying..17226  
Turbit...17237-9,17242  
feeding and nutrition...  
17267  
housing.....17212,18359  
postwar.....17403  
See also Squabs.  
Pigmentation  
beak.....17439  
eyes.....17614  
skin, of poultry...17256  
Pigments  
animal.....16872  
insect.....18162  
plant.....15715  
See also names of pig-  
ments.  
Pigs. See Swine.  
Pinchot, Gifford....19835,  
19838,19840,19854  
Pine  
anatomy and physiology..  
15571,15748  
breeding.....15571  
culture.....16404  
fertilizers.....16404  
Germany.....15748-9  
management.....15747,  
16634,16684-5  
Pine, loblolly  
culture.....15736  
Pine, Monterey.....15737,  
15741  
Pine, ponderosa.....17971  
management.....16615  
Pine, red.....16727  
Pineapple weed.....16255  
Pineapples  
Argentina.....15924  
culture.....15915  
Mexico.....18763  
trade.....18763  
Pink bollworm. See  
Pectinophora gossypiella.  
Pinkeys. See Keratitis,  
infectious.  
Pinus insignis. See  
Pine, Monterey.  
Pinus radiata. See Pine,  
Monterey.  
Pinus taeda. See Pine,  
loblolly.  
Piper betle. See Pepper,  
betel.  
Pipes, wood.....16658  
Pipunculidae  
Africa.....17993  
See also names of  
genera.  
Piroplasmosis  
in horses.....17181  
See also Nutallia equi.  
Pitcairnia.....15385
- Item**
- Pits  
barbecue.....18317  
See also Storage,  
cellars and pits.  
Plague. See Sylvatic  
plague.  
Planning. See Policies  
and programs; Postwar  
planning.  
Plant lore.....15332  
Planting equipment...15154  
See also kinds of  
equipment.  
Plants  
allergy-producing..16254  
anatomy.....15582  
biochemistry.....15288,  
15685,15713,15720,  
16303  
breeding.15588,15614-15,  
15617,15886,19819,  
19845  
diseases.....15415,15431  
Brazil.....15414  
control.....15450  
transmission....15483,  
15502  
growth.....15297  
heredity.....15608  
indicator.....16314  
introduction.....15768  
names.....15319,19319  
nutrition...15625,15634,  
15646  
pests.....15414,17736  
U. S. S. R.....15229  
photosynthesis.....15288  
physiology..15289,15625,  
15630,15635,15637,  
15671,15680,15685,  
19811  
poisonous to livestock..  
17548  
propagation.....15682,  
15690,15897  
quarantine and inspec-  
tion  
Hawaii.....17698  
Northern Ireland.14793  
respiration.....15692  
transpiration.....15641  
tropical and subtropical  
15344  
See also Botany; Dorman-  
cy, in plants; Ecology,  
plant; Flora; Genetics;  
Hardiness, in plants;  
Herbaria; Hybridization;  
Patents, plant; Phyto-  
pathology; Poisonous  
plants; Revegetation;  
Tissue cultures; Vege-  
tation; names of dis-  
eases and causal or-  
ganisms; and names and  
classes of plants.  
Plasmodiophora brassicae..  
15517  
Plasmodiophorales...15577  
Plasmodium vivax....18027,  
18039  
Plastics  
physical properties....  
16649  
See also subhead plas-  
tics under specific  
subjects.  
Pleocoma.....17946  
Pleocoma hirticollis  
vandykei.....17961  
Pleuropneumonia  
in goats.....17565



Locumium.....15392  
 Flowing.....16417  
 Flows.....18251-3  
 Plum, beach.....15960  
 Plums  
   diseases....15484,15522,  
     15535  
   varieties.....15961  
 Plusiocampa brasiliensis  
   n. sp.....18184  
 Plusiopus.....17894  
 Plywood.....16706  
   bibliographies.....14843  
   manufacture.....16704  
   physical properties.....  
     14839  
   situation and outlook...  
     16705  
   See also Adhesives;  
     Veneers; Wood, lami-  
     nated.  
 Pneumonia  
   in goats.....17551  
   See also Fleuropneumonia  
 Pocock, A. B.....19437  
 Podabrella.....15408  
 Podagrion mantis.....18093  
 Poinsettia pulcherrima....  
   16062  
 Poison-ivy.....16245  
 Poisoning. See Food, poi-  
   soning; Poisonous plants;  
   and names of poisonous  
   substances and animals  
   affected.  
 Poisonous plants  
   Chile.....16829  
   to goats.....17555  
   to livestock.....15728  
   New Mexico.....14995  
   See also names of poi-  
   sonous plants.  
 Polemoniaceae.....15374  
 Policies and programs.....  
   15120,19312,19345,  
   19375,19381  
   Argentina.....19371  
   Australia.....19179  
   Brazil.....19304,19331,  
     19377  
   British West Africa.....  
     19557  
   Canada.....18444  
   Ceylon.....19387  
   Chile.....19321,19324  
   China.....19318  
   Colombia....19315,19362,  
     19388  
   Denmark.....19185  
   Eire.....19339  
   France.....19317  
   Great Britain.....15125,  
     15135,19292,19363  
   Hungary.....19301  
   India.....19194  
   international.....19358,  
     19389  
   Paraguay.....19299  
   Puerto Rico.....19376  
   U. S. S. R.....19364  
   Uruguay.....18897,19342,  
     19373  
   See also Government;  
   Postwar planning; Pro-  
   duction, goals; names  
   of Government agencies;  
   and subheads policies,  
   programs, and purchase  
   and sale programs under  
   specific subjects.  
 Political parties  
   Great Britain.....19292

Item  
 Politics. See Farmers,  
   political influence.  
 Pollen.....15706  
   anatomy and physiology..  
     15697  
   substitutes.....17751  
 Pollination.....17766  
   See also Apis mellifera,  
   as pollinators; and  
   under names of plants.  
 Polyethenoid acids...19040  
 Polygonum bucharicum.15672  
 Polymers.....19875  
 Polyploidizing agents.  
   See names of agents.  
 Polyploidy.....15588  
   in plants...15587,15605,  
     15610,15631,15876  
 Polysaccharides.....15699  
 Polysiphonia.....15392  
 Polyspora lini  
   on flax.....15468,15530  
 Pomace flies. See  
   Drosophila.  
 Ponds.....16446  
   See also Fishponds,  
   farm.  
 Ponies.....17195  
 Pools  
   machinery. See Equip-  
   ment, cooperatives.  
   milk.....18599  
   oils and fats.....19001  
   Poplar.....16595,16600  
   fertilizers.....16371  
   Poppy, opium.....15492  
   Population.....19177  
   Baltic States.....15117  
   Colorado.....19184  
   Ecuador.....19178  
   Europe.....19548  
   Libya.....19196,19525  
   migration...15308,19190,  
     19548  
     Argentina.....19510  
     Brazil....19204,19504,  
       19517,19547,19549-52,  
       19554-5  
     rural-urban  
       Brazil.....19206  
     New Zealand.....19553  
   See also Land, settle-  
   ment and colonization;  
   Social groups.  
 Pork  
   analysis and composition  
     14730  
   nutritive value...14730  
   statistics.....14872  
   storage.....14960  
 Porphyrin  
   in cattle.....17011  
 Porthetria dispar....18119  
 Postwar planning  
   Chile.....19397  
   India.....19395  
   New York (State)...14999  
   Switzerland.....19401  
   See also Agriculture,  
   postwar; Industry, re-  
   conversion; Reconstruc-  
   tion; Relief and re-  
   habilitation; and sub-  
   head postwar under  
   specific subjects.  
 Potassium  
   in plants.....15644  
   in soils.....16301  
 Potato psyllid. See  
   Paratrioza cockerelli.  
 Potato tuber worm. See  
   Gnorimoschema operculella.

Item  
 Potatoes  
   Algeria.....16219  
   anatomy and physiology..  
     15621,15654,15660,  
     15677,15679  
   Argentina....16173,19815  
   as feed  
     for cattle.....16935  
     for ducks.....17302  
   Australia.....18762  
   biochemistry.....15719  
   breeding.....15524,16193  
   Canada.....18761,19487  
   costs and returns.....  
     19487-8,19541  
   culture.....15281,16192,  
     16205,16216,16228,  
     19815  
   diseases....15479,15483,  
     15493,15497,15518,  
     15537,15542-4,15548,  
     18051  
   Arizona.....15434  
   control....15504,15556  
   Kansas.....15500  
   Michigan.....15532  
   Missouri.....15469  
   Nebraska.....14990  
   New York (State).15087  
   resistance.....15524  
   Wisconsin..15109,15536  
   dried.....19750  
   drying.....16223,18847  
   equipment.....18241  
   fertilizers..16350,16354  
   France.....16177,16189,  
     16195,16207  
   Germany.....18791,18802  
   Great Britain....18786,  
     18793,19488  
   harvesting...15198,16223  
   India.....18773  
   injuries....15621,15654,  
     15679  
   marketing.....18762  
   Peru.....16181  
   pests.....14790,17690,  
     17956,18051,18101,  
     18135  
   prices, control...18773  
   seed...16175,18791,18793  
   certified.....19127  
   storage.....18848  
   shipping.....15198  
   situation and outlook...  
     18770  
   storage.....18842,18849  
   Sweden.....15285  
   U. S. S. R.....16186  
   utilization....18422,  
     18798,18802  
   varieties.....16179  
   Pothos scandens v.  
   helferianus.....15358  
   Potlatch Forests, Inc....  
     16639  
   Potted plants. See House  
   plants.  
   Poultry.....15223,17358,  
     19874,19878  
   anatomy and physiology..  
     17341  
   anomalies....17316,17326  
   Bantam class....17230-1,  
     17240,17254,17354,  
     17374,17398,17449  
   Cochin.....15211  
   Game, Indian....17233  
   Old English Game.17232  
   Polish, White....17261  
   Wyandotte  
   White.....17213

Item  
 Poultry--Continued.  
   black markets.....19099  
   Brazil.....19097  
   breeds and breeding.....  
     17214,17217-19,17223,  
     17227,17234,17243,  
     17246-8,17413,17416  
   Cochin.....15211  
   Dorking.....17259  
   Silver-Gray....17260  
   Game, Indian....17233  
   Leghorn  
     Brown.....17249  
     White.....17256  
   Old English Game.17232  
   Orpington  
     Buff.....17221,17255  
   Polish, White....17261  
   Wyandotte, White.17213  
   broodiness.....17366  
   Canada.....19092,19105  
   capons.....17377,17448  
   care..17363,17375,17386,  
     17399,17413,17426,  
     17428,17431,17434,  
     17438  
   seasonal..17295,17352,  
     17369,17373,17382,  
     17391,17402,17404,  
     17416,17419,17430  
   conferences and con-  
   gresses.....14820  
   costs and returns.19497,  
     19500  
   culling.....17356,17374,  
     17388,17397,17401,  
     17420,17439,17442,  
     17445  
   directories.....17421  
   diseases....15070,17327,  
     17349  
   bibliographies...17306  
   Ethiopia.....17348  
   Italy.....17333,17340,  
     17347  
   transmission....17337  
   dressed.....19103  
   dubbing.....17353  
   egg production...17256,  
     17304,17357,17364-5,  
     17422,17441  
   effect of breeding...  
     17224,17228,17241  
   effect of feeding....  
     17266,17269,17273,  
     17280,17288  
   effect of light..17433  
   laying contests..17413  
   seasonal..17361,17379,  
     17411,17446  
   equipment...15066,15068,  
     17380,18332-3,18335,  
     18337-40,18349,18360,  
     18362-3  
   farms and ranches.17360,  
     17389,17400,17444,  
     19102  
   feathering.....17427  
   feeding and nutrition..  
     17263,17265,17268,  
     17274,17277,17285-7,  
     17294,17296-7,17300,  
     19081  
   pasture and range....  
     15857,17275,17282,  
     17295,17498  
   Game class  
   Indian.....17233  
   Old English.....17232  
   Great Britain....17415  
   growth.....17423



- Poultry--Continued.
- hatching....17383,17424,17443
  - seasonal.....17406
  - housing.....15067,18331,18336,18341,18345,18350,18353,18356-8,18366
  - lighting.....18380
  - litter.....17407,17409
  - ventilation....18354-5
  - Italy.....17365
  - judging.....17231
  - marketing...14820,19075,19092
  - meat production...17227,17368,17371,19096
  - molting.....17217,17285,17378-9,17387,17425
  - parasites...15070,17332,17729
  - psychology.....17412
  - purchasing.....17367
  - sanitation...17381,17435
  - sexing.....17410
  - shows and sales...17354,17372,17398,17449
  - situation and outlook...19085,19088,19098
  - statistics.....17466
  - systems.....17371
  - battery...17357,17359,17380,17429
  - colony and range.....17432,17434
  - Union of South Africa...17400,17444,19102
  - vices.....17447
  - waste, as feed....17631
  - watering.....18363
  - weight and measurement..17422
- See also Artificial insemination; Castration, poultry; Chicks; Cocks; Eggs; Feed; 4-H Clubs, poultry; Pigmentation; Poultry products; and names of feeds and of anatomical parts, diseases, parasites, and products.
- Poultry and Egg Natl. Bd.....19098
- Poultry industry....19077,19093
- as an occupation..15002,19418
  - Australia.....17390
  - China.....19101
  - Denmark.....19089
  - Hungary.....19089
  - Missouri.....17413
  - Norway.....19089
  - Poland.....19083
  - Yugoslavia....19094
- Poultry meat. See subheads
- dressed and meat production under Poultry.
- Poultry products
- processing.....14931
  - Foults, care.....17270
  - Powders (insecticides). See Dusts and dusting.
  - Powdery mildew of cucumber.....15510 of potato.....15504
  - Powdery scab of potato.....15479
  - Power. See Electricity; Equipment, power; Wind power.
  - Pox. See Fowl pox.
- Precipitation.....16420
- effect on soils....16516
  - See also Snow.
- Predators. See names of predators.
- Prefabrication. See subhead prefabricated under Buildings and Farmhouses.
- Pregnancy. See under names of animals.
- Pregnancy disease, of cattle.....17027
- Pregnant mares' serum. See Gonadotropins.
- Preservation of food
- home...14805,14810,15056
  - See also Canning and preserving; Dehydration; Freezing of food; Pickles; and subhead preservation under names of foods.
- Preserves. See Canning and preserving; Fruit, canned; Jellies and jams; and subhead canned under names of fruits.
- Presses.....18256
- Pressing.....15049
- Pressure cookers....15086
- Prices.....15118,18471
- Brazil.....18467,19377
  - Chile.....18464
  - control.....15172,18469
  - Australia.....18465
  - Canada.....15170
  - Paraguay.....15206
  - Denmark.....18466
  - Georgia.....14967
  - Maine.....14983
  - Minnesota.....14865
  - New Jersey.....18470
  - North Dakota.....18468
  - situation and outlook...18462
  - statistics.....18467
  - support.....18461
  - Sweden.....18463
  - See also Cost and standard of living; Inflation; Subsidies; and under names of commodities.
- Prickly pear as feed.....16769
- Pridham, J. T.....19849
- Primrose.....15331,15346,16079,16133
- Primrose, orange....16078
- Primula. See Primrose.
- Primula aurantiaca. See Primrose, orange.
- Priocnemis.....18095
- Prizes. See Awards.
- Processing. See names of processes; under names of products, and subhead utilization, industrial under Agricultural products.
- Production
- goals.....14743,19300,19341
  - Australia.....19297
  - Washington (State)....15026
  - See also Agricultural products; Policies and programs; Statistics; names of related subjects; and under names of products.
- Productive capacity. See Agriculture, productive capacity.
- Prolapse, uterine....16819
- Propagation, plant. See under Plants and names of plants.
- Prosopis. See Mesquite.
- Protamone.....17304
- Proteins.....19795
- in animal nutrition....14993-4,17623
  - in feed.....16743
  - in human nutrition.19791
  - in plants.....15731
  - in poultry nutrition...17288
  - iodinated....16933,16942
  - situation and outlook...15236
  - sources, animal....19767
  - See also names of proteins.
- Pruning. See under names of plants.
- Prunus. See Plums.
- Prunus cerasifera pissardi.....16048
- Pselaphellus.....17955
- Pselaphidae.....17955
- See also names of genera.
- Pseudanophthalmus...17964
- Pseudogymnostreptus n. g...17894
- Pseudogyndesoides n. g....17900
- Pseudolaingia n. g...15392
- Pseudomonas mors-prunorum. See Bacterial canker, of plums.
- Pseudomonas solanacearum on potato.....15537
- Pseudomonophadnus antarticus n. sp.....18084
- Pseudotsuga douglasii. See Douglas-fir.
- Pseudotsuga taxifolia. See Douglas-fir.
- Psilopinae.....17979
- Psittacosis in pigeons.....17307
- Psorophora.....18017
- Psychology. See under Animals, names of animals; and Poultry.
- Ptenogonostreptus n. g....17894
- Pteridophyta. See Ferns; and names of families and genera.
- Pterolophia.....17935
- Publications. See Bibliographies; and subhead publications under names of authors and issuing agencies.
- Puccinia graminis....14794
- Puerto Rico. Junta da Planificación, Urbanización y Zonificación....19376
- Pullet disease.....17323
- Pullorum disease....17344
- tests.....17314-15,17318,17413
- therapy.....17351
- Pullularia pullulans on flax.....15530
- Pulp and paper bibliographies....14843
- byproducts.....16683
- chemistry.....16701
- Pulp and paper--Continued.
- Germany.....16579
  - Great Britain.....16692
  - manufacture.....16690,16696
  - home.....18748
  - situation and outlook...16695,16698,16700
  - Sweden.....16694,19293
  - wrappings.....14775
  - See also Containers, paper and paperboard.
- Pulpwood.....16645
- Germany.....16579
- Pumps.....18237
- Purchasing.....14999
- See also under names of commodities.
- Purdue Univ.....15841
- Purple scale. See Lepidosaphes becklii.
- Pyometra, in cattle..16978
- Pyrausta nubilalis...18150
- control.....15112
- Pyrausta penitalis...18045
- Pyrethrins.....17713,17730
- Pyrethrum insecticides.....17713
- Pyridine.....17686
- Pythium aphanidermatum on flax.....15489
- Pythium ultimum on guayule.....15471
- Quedius lloydi n. sp.17931
- Quercus suber. See Oak, cork.
- Quick decline of citrus.....15428
- Quinine. See Cinchona.
- Quarantine and inspection. See Plants, quarantine and inspection; and subhead regulation and inspection under other subjects.
- Rabbits.....17509,18915
- anatomy and physiology..15213
  - associations.....17519,17524
  - breeds and breeding....17461-3,17467,17470,17473-4,17483,17491
  - Angora.....17452-55,17457,17459,17464,17479,17482,17485-6,17488-90,17493-5,17510,17527,17534
  - Champagne D'Argent...17451,17469,17476,17480-1
  - Checked Giant..17475
  - Chinchilla..17456,17484
  - Giant.....17465
  - Heavyweight...17472
  - Creme D'Argent...17478
  - New Zealand.....17468,17471
  - Red.....17458
  - White.....17460
  - Rex.....17466
  - New Zealand, White..17492
  - Satin Red.....17480
  - Silver varieties..17477
  - care..17508,17511,17515,17522,17529-31
  - seasonal.....17518
  - culling.....17456



Item	Item	Item	Item
Rabbits--Continued.	Raspberries.....15992	Refrigerator cars....14874	Rhizopus
feeding and nutrition...	culture.....15072	Refrigerators.....15106	on sweetpotato.....15477
17452,17479,17499,	diseases.....15558	iceless.....15095	R. I. Agr. Expt. Sta.15011
17501,17503	varieties....15893,15989	Refuse	Rhodes grass.....15849
seasonal.....17502	Rationing.....15172	as fertilizer.....16545	Rhododendron.....16138
Germany.....18902	Canada.....15170	Registration, of animals.	culture...16004,16017-8,
heredity.....17465	Paraguay.....15206	See subhead records and	16139
hybrids.....17480,17487	See also Black markets;	testing under names of	varieties...16005,16054,
industry....17514,17526,	Food, rationing; and	animals.	16105,16163
17532	under names of com-	Rehabilitation. See Re-	Rhododendron auriculatum..
Italy.....17521	modities.	lief and rehabilitation.	15367
judging.....17533	Rats.....17633	Reiche, Carlos. Flora de	Rhodophyceae.....15274
marketing...18946,18951,	control.....15077,17376,	Chile.....15351	Rhodymenia.....15392
18956	18314	Reichenbachia.....17955	Rhomphaea.....17884
molting.....17528	Great Britain.....19818	Reitter, Edmund. Fauna	Rhopalocera. See Butter-
records and testing....	Raw materials.....15308	Germanica.....17941	flies.
17524-5,17527	Rayon.....18734	Relief and rehabilitation	Rhopalphyctis n. g..15398
shows and sales...17512,	utilization.....18685	Australia.....19189	Rhubarb.....15029
17520,17523,17534	Reale Instituto Tecnico	Austria.....15238	Rhyarioides.....18117
situation and outlook...	Agrario di Firenze.15896	China.....15121	Rhytina.....17945
18952	Reciprocal trade agree-	Far East.....19191	Riboflavin
utilization.....18939	ments. See Trade, agree-	India.....18405	in feed.....16755
weight and measurement..	ments and treaties.	Spain.....15238	in plants.....15725
17484	Reciprocal Trade Agree-	See also Reconstruction;	Rice
See also 4-H Clubs,	ments Act, 1945.....15142	United Nations Relief	Argentina....15763,18885
rabbits; Furs, rabbit;	Reclamation	and Rehabil. Admin.;	Brazil.....15785
Hides and skins,	Arizona.....15302	U. S. Dept. of Agr.,	California...15775,18873
rabbit; Wool, Angora	California.....16432	Farm Security Admin.;	culture.....15780,15782
rabbit.	Columbia River Basin....	Veterans.	Dominican Republic.18866
Rabies	16457	Religion, in rural life.	equipment.....18272
Brazil.....16860	Great Britain.....16445	See Churches.	fertilizers..16334,16546
immunization.....16779	Idaho.....16481	Rent. See Leases.	history.....18854
in cattle.....17029	Kansas.....16436	Repairing, farm and	hulling.....18882
in dogs.....17138	Missouri River Basin....	home. See Shops, farm;	India.....15778-9,15786,
in wild animals....16867	16470	and subhead maintenance	15798,19801
vaccines.....16816	Montana.....16431	and repair under Equip-	irrigation...14964,19762
virus.....16837	Nebraska.....16474	ment and kinds of equip-	milling.....18288
Rachias.....17896	New Mexico.....15303	ment.	nutritive value...19780
Radio	North Dakota.....16424	Repellents	statistics.....18866
programs.....19628	Oregon.....16453	for insects.....17744	Uruguay.....15773
Radioactive substances	postwar...16422,16441-2,	Resazurin, milk test.....	Rice flour.....19762
in veterinary medicine..	16447,16466	18575,18586	Rice weevil. See Sitophi-
16790	salt lands.....16479	Research.....19819,19862	lus oryza.
Ragi millet.....15787	South Dakota.....16450	Australia.....19863	Ricinus communis. See
Ragweed.....16254	Washington (State).16443	Bulgaria.....19864	Castor-beans.
Ragwort. See Groundsel.	Wyoming.....16462	Florida.....15175	Rickets
Railroads. See Freight	See also Drainage; Irri-	Italian.....19822	in dogs.....17130
rates; Refrigerator cars;	gation; Land, clear-	Mississippi.....14988	Rickettsia
and subhead transporta-	ing.	Missouri.....14989	in livestock.....16797
tion under names of prod-	Reconstruction.....19517	North Dakota.....15005	Rickettsia conjunctiva....
ucts.	U. S. S. R.....19565	Rhode Island.....15011	16815
Railway ties.....16657	See also Postwar plan-	See also subjects of	Rinderpest.....16984
situation and outlook...	ning; Relief and re-	research and names of	Rivadavia.....19329
16643	habilitation.	experiment stations	Rivers and Harbors and
Rainfall. See Precipita-	Reconversion. See Indus-	and research agencies.	Flood Control Bills,
tion.	try, reconversion.	Reseda.....16025	1944.....16419,16460,
Raisins	Recreation.....19667	Reservoirs.....18023,18036	16469,16473
programs.....14876	Red mite, of chickens.	Resettlement. See Land,	Roadside planting...16344
Rajapa.....15408	See Dermasyssus gallinae.	settlement and coloniza-	Roadside stands. See
Rambotti Method (olive-	Red quebracho, willow-	tion.	Markets and marketing,
oil yields).....19027	leaf.....16592	Resins. See Adhesives,	roadside.
Ramie...15809,18693,18753,	Red spiders. See Para-	synthetic resin; Gums	Robberflies. See Asilidae.
19493	tetranychus; Tetranychus.	and resins.	Robinia pseudoacacia. See
Rams	Redpepper, bush.....15718	Resorcinol.....14839	Locust, black.
judging.....17539	Redwater. See Hemoglobin-	Resources. See Natural	Rochella.....15405
lanchnig	uria.	resources.	Rock gardens.....16005,
history.....17083-4	Redwood	Respiration. See under	16090-3,16156
See also Livestock.	anatomy and physiology..	Plants; and names of	seasonal care.....16119
Ranges	15599	animals.	soils.....16304
and animal nutrition....	Reforestation.....16569	Retinodiplosis.....17971	Rodents.....17735
14851	Chile.....15746,16621	Revegetation.....14913	control.....16726,19817
management.....14725,	Colombia.....16578	Review of Appl. Mycol....	See also names of ro-
15033,15852,16772	Great Britain.....15738,	15550	dents.
research.....14784	16567,16571	Rhachomyces.....15400	Roof gardening.....16206
planting....14725,14849,	Scotland.....15742	Rhadinoceraea gracili-	Roofs.....18325
15861	Wisconsin.....16716	cornis.....18096	Root crops
See also subhead feeding	Refrigeration.....18285	Rhagium bifasciatum..17943	fertilizers.....16540
and nutrition, pasture	community.....18373	Rheumatism.....17765	Norway.....18784
and range under names	See also Freezing of	Rhexius.....17955	Sweden.....18408
of animals.	food; Locker plants;	Rhinoscepsis.....17955	See also names of crops.
Ranunculus repens....15573	Refrigerators; and	Rhinosporidium seeberi....	Root rot
Rape	under names of prod-	16786	of pea.....15462,15473
Germany.....15266,15752	ucts.	Rhizophoraceae.....15380	



- Roots.....15682  
anatomy and physiology..  
15658,15673,15692  
Rootstocks. See subhead  
propagation under Plants;  
and names and classes of  
plants.  
Rosa setigera. See Rose,  
prairie.  
Rosaceae.....15716  
Rosalia.....17935  
Rose  
biochemistry.....15712  
breeding.....16147  
culture.....16066,16146,  
16153,16409  
diseases.....15440  
resistance.....15453  
pruning.....16000  
varieties...15453,16001,  
16044,16056,16085,  
16143,16155  
Rose, climbing.....16124  
Rose, damask.....15712  
Rose hips.....19164  
Rose, prairie.....16021  
Rotation of crops,15752-3,  
15755-6,15826,16500  
Australia.....16384  
Rotenone.....15708  
insecticides.....17738,  
17996  
Rotproofing...18666,18690,  
18701  
Royal palm, Cuban....15538  
Ruaxphilos petrunkevitchou  
n. g., n. sp.....17874  
Rubber.....19113  
Australia.....19107  
Brazil.....19106,19109,  
19114-5,19118,19260  
costs and returns..19109  
history.....19111  
industry  
South America....19111  
Italian East Africa.....  
19108  
labor.....19260  
plant sources..19110-12,  
19116  
plantations.....19115  
reclaiming.....19119  
South America.....19111  
synthetic...15191,19113  
U. S. S. R.....19112  
See also Latex.  
Rubber plants  
Western Hemisphere,16260  
See also names of  
plants.  
Rubus linkianus.....15350  
Rudra.....17884  
Rugs.....15060  
Ruminants  
surgery.....16799  
See also names of  
ruminants.  
Runoff...16420,16497,16502  
determination....16498,  
16504  
equipment.....18203  
forecasts.....16506  
Rural life  
Australia.....19200  
Brazil.....19206  
British West Africa.....  
19557  
Canada.....19562  
Germany.....19560-1  
Great Britain.....19556  
Mississippi.....19559  
Panama.....19558  
Rural Life Movement..19634  
Rural schools. See  
Schools.  
Ruskin Veg. Coop.....18807  
Russula.....15407  
Rust  
of juniper.....15516  
of pear.....15516  
of wheat.....15268  
Rutin.....15703  
Rye.....16517  
as feed.....16767  
culture.....15280,15794  
toxicity.....18419  
Ryegrass, darnel....18878  
Saccharification.....14755  
Safety.....14738,14740,  
14742,15102,18193,  
18202,18207  
study and teaching.18208  
See also 4-H Clubs,  
health and safety.  
Saissetia oleae  
parasites and predators  
of.....18070  
Salisbury, G. W.....17088  
Salmonella  
in food.....19086  
Salmonella abortivoequina.  
17189  
Salmonella montevideo.....  
18417  
Salmonella suispestifer....  
17645  
See also Hog cholera.  
Salmonellosis  
in turkeys.....17334  
Salt. See Sodium chloride.  
Salt lands. See Reclama-  
tion, salt lands.  
Salting. See subheads  
salted and salting under  
names of products.  
Salt peter. See Sodium  
nitrate.  
Samanea saman.....16095  
Sampling. See Statistics,  
methods, sampling.  
San José scale. See  
Aspidiotus perniciosus.  
Sand culture.....16180  
Sandflies. See Culicoides;  
Flebotomus.  
Sanitation. See under  
specific subjects.  
Sap.....15639  
Sapodilla  
pests.....18109  
Sarcoma  
in dogs.....17131  
Sauerkraut.....18830  
Saurauia choriophylla  
n. sp.....15382  
Sausage.....15163,18974-5  
Savory, oil.....19037  
Sawflies. See Symphyta;  
and names of families  
and genera.  
Sawmills.....16640  
Saws  
maintenance and repair..  
16644  
Scab  
of apple...15491,15505,  
15507  
of peach.....14776  
of pear.....15505  
of potato.....15518  
See also Powdery scab.  
Scale insects. See  
Coccidae.  
Scalenarthrus.....17955  
Scaly-leg mite. See  
Cnemidocoptes mutans.  
Schinopsis balansae. See  
Red quebracho, willow-  
leaf.  
Schistocerca gregaria  
anatomy and physiology..  
18162  
Schizophyllum commune.....  
15626  
School lunches. See  
Lunches, school.  
Schools.....19583,19683  
statistics.....19575  
See also Lunches,  
school.  
Schubartsia singularis  
n. g., n. sp.....17901  
Scirtothrips.....18176  
Sclerotinia bataticola  
on potato.....15497  
Sclerotinia minor  
on bean.....15521  
on lettuce.....15521  
Sclerotinia sclerotiorum..  
15481  
Sclerotinia trifoliorum  
on clover.....15496  
Sclerotium rolfsii  
on cinchona.....15475  
on jackbean.....15475  
Scoloderus.....17884  
Scolopendra subspiniipes...  
17882  
Scopaeothrips.....18176  
Scours  
in calves.....17008  
See also Diarrhea.  
Screws.....18246  
Scrub typhus  
New Guinea.....17854  
transmission.....17883  
Scytinogon.....15408  
Seaweed.....18665  
utilization.....19167  
See also Algae.  
Sebaga.....17955  
Sedimentation.....16494,  
16499  
bibliographies.....14910  
Seed drills. See Drills.  
Seed Purchase Program,  
1945.....14748  
Seeds  
anatomy and physiology..  
15696  
and plant disease..15460  
bibliographies.....14889  
Canada.....19120  
certified.....19125-6  
cleaning.....18260  
equipment...14869,18260  
Germany.....19128  
germination.....15651  
legislation.....19123-4  
marketing...14751,19122  
Nebraska.....19123  
North Carolina....19124  
planting.....16040  
purchase and sale pro-  
grams.....14748  
regulation and inspec-  
tion.....14873  
testing.....14869  
treatment...14890,15760,  
19800  
U. S. S. R.....18888  
vernalization.....15653  
See also Embryos, plant;  
and under names of  
plants.  
Selenium  
poisoning.....14904  
Senecio congestus....15361  
Seneviratne, A. C....17772  
Sequoia sempervirens. See  
Redwood.  
Sericea. See Lespedeza,  
Chinese.  
Sericulture  
Bahamas.....18172  
Brazil.....18165-6  
Italy.....18167  
Palestine.....18170  
Texas.....18171  
See also Bombyx mori.  
Serrodes.....18142  
Serum.....16853  
See also Blood, serum;  
Immunization.  
Sesamum laciniatum...15596  
Setaria. See Bristle  
grass; Millet.  
Sewage, disposal....18383  
Sewing.....15104  
See also 4-H Clubs, sew-  
ing.  
Sex  
differences  
insect.....18000  
insect.....18146  
See also Hermaphrodit-  
ism; Poultry, sexing.  
Shannonomyia.....17970  
Shannonomyia leptus fragilis  
n. g., n. sp.....17976  
Shasta daisy. See  
Chrysanthemum maximum.  
Sheds.....18347  
Sheep.....17586  
adaptation.....17581  
anomalies.....17549  
Argentina.....17591  
Australia...17581,18926,  
18950  
breeds and breeding.....  
14779  
Corriedale.....17541  
Hampshire Down...17535  
Karakul.....17543  
Navajo Indians...17536  
Ryeland.....17542  
care.....17588,17594  
Chile.....18907  
costs and returns..19482  
culling.....17589,17592  
dipping.....17738,17890  
diseases.....14991  
estrus.....17537,17552,  
17567  
farms and ranches  
diversified.....17587  
feeding and nutrition  
deficiencies.....16958  
fertility.....17538  
France.....17580,18903  
Great Britain.....18983  
history.....17579  
identification....18742  
industry.....17580,18922  
Italy.....17582  
labor.....19262  
Mexico.....17584  
milk production...17582  
Montana.....17597  
Oklahoma.....17596  
parasites....14778,17975  
poisoning...17547,17561,  
17577  
records and testing.....  
17535,17578  
research.....14784  
South America.....17542  
study and teaching.17591  
subsidies.....19405-6  
watering.....17545



Item	Item	Item	Item
Sheep--Continued.	Skaraborgs Läns Lantmäns	Soil conservation--Con-	Soils--Continued.
weight and measurement..	Centralforening.....19837	tinued.	moisture--continued.
17590	Skin diseases	Virginia.....16488	effect on plants.....
wool production....17578	therapy.....16821	See also Conservation	15468,16312
See also Feed; 4-H	Skins. See Hides and	farming; Contour farm-	nutrition relationships.
Clubs, sheep; Furs,	skins.	ing; Cover crops; 4-H	16315,16331,16347
Karakul sheep; Hides	Slag.....16542	Clubs, soil conserva-	Oregon.....16385
and skins, sheep;	Slaughterhouses	tion; Ponds; Reclama-	organic matter....16383,
Lambs; Rams; Veterinary	Argentina.....16868	tion; Soil erosion;	16405
medicine; Wool; and	Slaughtering	Terracing; U. S. Dept.	permeability.....16286
names of feeds and of	waste.....18974	of Agr., Soil Conserv.	physics.....15012
anatomical parts, dis-	See also under names of	Serv.; and names of	Rhode Island.....15010
eases, parasites, and	animals.	soil conservation dis-	saline.....16448
products.	Slidefilms. See Films.	tricts.	sanitation..14726,14892,
Shelby County (Tenn.)	Sloan Comm. of Enquiry	Soil erosion..15012,16420,	15537,16521-3
Penal Farm.....19435	into the Forest Re-	16505,16509-10,	surveys
Shelterbelts. See Wind-	sources of Brit. Columbia	16515-16	Indiana.....14893
breaks.	16565	Argentina.....16491	Virginia.....14891
Shepherds.....17584	Smallpox.....19577	Brazil.....16503	tests.....16297,16301
Shingles.....14847	Smith, Kemp L.....16647	British Colonies...16513	texture.....16288
Shops, farm...18342,18346,	Smut	control.....14903,15059,	weight.....16284
18352	of barley...15501,15506,	16500,16508	See also Drainage; Fer-
Shows. See under specific	15511	by planting.....16490,	tilizers; Forests,
subjects.	of grain.....15503	16507,16517	soils; Humus; Irriga-
Shrimps.....19163	of onion.....15478	Colorado.....15816	tion; Minerals; Plants,
Shrubs...16014,16041,16157	of sorghum.....15495	India.....16511	indicator; Reclama-
diseases.....15539	Snakeweed.....15022	See also Runoff; Sedi-	tion; Soil conserva-
fertilizers.....16344	Snow.....16420,16434	mentation; Soil con-	tion; Soil erosion;
planting.....14880	surveys.....14914,16506	servation; U. S. Dept.	Tillage; U. S. Dept.
propagation.....14732	Soap	of Agr., Soil Conserv.	Serv.; and under names
pruning.....16100	insecticides.....17714	Serv.; Wind erosion.	of plants, soil con-
See also names of	Social conditions	Soil science	stituents, and kinds
shrubs.	Brazil.....19204	equipment.....14902	of soil.
Shutters.....18348	See also Cost and stand-	Mississippi.....16293	Solanum racemigerum..15606
Sida, broom-jute....15445	ard of living; Health;	Soilless culture....16217	Solonetz soils.....16322
Sida rhombifolia. See	Rural life.	See also Nutrient	Sooretama n. g.....17894
Sida, broom-jute.	Social groups	solutions for plants;	Sophora secundiflora.15597
Silage.....16766	Tennessee.....19612	Sand culture.	Sorghum
corn	Social security	Soils.....16362	anatomy and physiology..
for cattle.....16957	for farmers.....19246	acid.....16304	15676
for cattle.....16946	Southern Rhodesia..19247	aeration.....16406	Argentina.....15832
grass.....16936	Union of South Africa...19247	Africa.....16323	breeding.....15613
preparation.....16750,	Social welfare	alkaline...16433,16452,	diseases.....15495
16757,16946	Italy.....19416	16456	drying.....15024
preservation.....16744	Uruguay.....19637	analysis...16294,16302-3	forage plant.....15848
Sweden.....16758	See also Children, wel-	technique and equip-	sirup.....19135
Silene armeria.....16089	fare; Health; Youth,	ment.....16300	varieties.....15613
Silk. See Sericulture.	welfare.	Argentina.....19815	See also Durra.
Silkworms. See Antheraea	Sociedad Nacional de	base exchange.....16298	Soup
pernyi; Bombyx mori.	Agricultura (Chile).19324	Brazil.....16381	dried.....18473
Silos	Società del Cavallo da	Bulgaria.....16285-6	S. Dak. Reclam. Assoc.....
trench.....18369,18372	Tiro Pesante.....17207	Canada	16450
Silver leaf	Sociology.....19558	Alberta.....16322	Southwest Flaxseed Assoc..
of plum.....15484	Sodium carbonate....17958	chemistry.....16291	18741
Silverware.....15094	Sodium chloride	clods.....16289	Southwestern corn borer.
Silviculture	Sodium chloride	Colombia.....16321	See Diatraea grandio-
Germany.....15735	in animal nutrition....	Cuba.....16317	sella.
Italy.....15743	16763,16971	deterioration.....16336,	Southwestern R. O. P.
See also names and	17561	16342	Club.....17524
classes of trees.	poisonous to livestock..	Ecuador.....19178	Sowing. See Seeds, plant-
Simuliidae	17561	effect on	ing.
and disease..18004,18044	Sodium fluoride....17636-7	health...16347,16391,	Soybean flour.....18986
Western Hemisphere.18005	Sodium nitrate	16396,16400,16403	Soybean meal
See also names of	poisonous to livestock..	plants...16303,16314,	as feed
genera.	16974	16360,16400,16429	for poultry....17279,
Sinox (herbicide)....16251	Sodium selenate	fertility...14917,16364,	17289
Siphonaptera.....17735	insecticides.....17707	16374,16387,16397	Soybeans.....19034
See also Fleas; and	Sodium trichlorophenate....	16318	analysis and composition
names of families and	17547	formation.....16318	19031,19043
genera.	Soil conservation...14901,	France.....16318	anatomy and physiology..
Sirups.....18422	14909,14915-16,	hydrogen-ion concentra-	15675
See also under names of	15037,15062,15298,	tion.....16292	biochemistry.....15729
commodities.	16287,16315,16496,	India.....16291,16324	Brazil.....19035
Sisal.....18674	16514	Indiana.....14979	Bulgaria.....15863
as feed	Colombia.....16486	Ivory Coast.....16320	Colombia.....15867
for cattle.....16951	Kansas.....16518	Libya.....16296	France.....15862
Mexico.....18661	Latin America.....16496	management..14982,16325,	irrigation.....14962
Sitophilus oryza	Mississippi.....16485	16327,16329,16399,	nutritive value...19782
control.....17939	programs.....16489	16406	utilization.....18995
566. See 1,2,3,4,5,6,	research.....14784,14919	microbiology.....16305	Spark plugs.....18309
Hexachlorocyclohexane.	South Carolina....16487	moisture..16285-7,16420,	
	study and teaching.....	16511	
	14911,14919	determination....16290	



Item	Item	Item	Item
Spartium junceum. <u>See</u>	Squirrels.....16727	Stream flow...16420,16449,	Sunflower--Continued.
Weavers-broom.	Stables	16483	biochemistry.....15710
Spaying. <u>See</u> Castration.	ventilation.....18344	Streptomycin...15730,17345	Costa Rica.....15868
Spermatozoa	Stacks.....18195,18198,	Streptothricin.....15730	culture.....15864
cattle.....16886,16896,	18204,18206	Strongylosis	utilization.....18984
16918	<u>See also</u> Hay, stacking.	in horses.....17191	Sunflower, woodland..15694
goats.....17540	Stain technology. <u>See</u>	Structures. <u>See</u> Buildings.	Superphosphates
preservation.....16735,	names of stains.	Stubble.....17298	fertilizers.....16334
16918	Standard of living. <u>See</u>	Subsidies	Surpluses. <u>See</u> subheads
Sphagnum.....16040	Cost and standard of	Australia.....19404	purchase and sale pro-
Sphecidae	living.	Canada.....19410	grams and surpluses under
Madagascar.....15225	Staphylococcus	Great Britain.....19412	names of products.
<u>See also</u> names of	infection	<u>See also</u> under specific	Svenska Ägghandelsför-
genera.	in dogs.....17136	subjects.	bundet.....19079
Spingidae	Starch sponge.....19165	Sudan grass.....15819	Swarming. <u>See</u> Apiculture,
Great Britain.....18132	Starches	Sugar	colony management, swarm-
<u>See also</u> names of	in plants.....16274	Argentina...15192,19131	ing.
families and genera.	sources.....18422	Chile.....19144	Sweet corn. <u>See</u> Corn,
Spices.....15182,18527	utilization.....19165	conservation.....14944	sweet.
Spiders.....17898	<u>See also</u> kinds of	costs and returns..15136	Sweetclover.....16250
anatomy and physiology..	starches.	effect on plants...15645	Sweetpotatoes
17857	Statistics...14743,15308,	Germany.....19847	as feed
Florida.....17858	18864	Hawaii.....19146	for cattle.....16952
folklore.....17856	Argentina.....19815	history.....15192	culture.....16194
habits and behavior.....	Arkansas.....18483	industry.....15201	storage
15312,17853	Australia.....18491	manufacture and refining	diseases and pests....
marine.....17851	Baltic States.....15117	19136-8,19147	15477
parasites and predators	Bolivia.....18484	Mauritius.....19145	Swine
of.....17877	Brazil.....18485	Mexico.....19133	Australia...18916,18933,
study and teaching..17893	Canada.....18490	nutritive value...19792	18945
taxonomy.....17906	Quebec.....15189	purchase and sale	breeds and breeding....
<u>See also</u> names of	Italy.....18487	programs.....14787	17598,17605,17609-11
families and genera.	methods.....14764,17583	research.....19131	Berkshire.....17599
Spilarctia.....18117	sampling...14770,19866	situation and outlook...15003	Duroc.....17602,17613
Spilosoma.....18117	Missouri.....18489	Virgin Islands....14787	Hampshire.....17600,
Spinach	New Zealand.....19449	<u>See also</u> Jaggery.	17603,17606-7
dried.....18845	Russia.....18488	Sugar beets	Yorkshire.....17608
Spinning. <u>See</u> under	South Dakota.....15013	anatomy and physiology..	Canada.....18895,18962
Cotton.	Sweden.....19865	15575	care..15028,17648,17650,
Spiraea.....16132	<u>See also</u> Census; and	as feed, for sheep..17546	17655,17658
Spirembolus.....17861	<u>under</u> specific sub-	breeding.....15876	costs and returns..19501
Spirochaeta gallinarum....	jects.	Canada.....19174	digestion.....17632
17871	Staurothela.....15405	costs and returns..19134	directories.....17606
Spirochetes	Steers. <u>See</u> Cattle, beef.	culture.....15870-3	diseases.....17639
in poultry.....17311	Stem-end rot	Germany.....19143	equipment...15080,18334
Spirostreptidae.....17894	of orange.....15593	pests.....17994	farms and ranches..17605,
<u>See also</u> names of	Stephanoderes hampei.....	soils.....16294	17651,17661
genera.	17917-9	Sugarcane	diversified.....17587
Spleen	Steppe soils.....16286	analysis and composition	feeding and nutrition...14993,15028,17616,
of ruminants.....16800	Steraspis comitessa	19130,19141	17618-19,17621-3
Spongospora subterranea.	n. sp.....17962	breeding.....15459	deficiencies.....17629
<u>See</u> Powdery scab, of	Sterility	British West Indies....15874	pasture and range.....17625,17627-8
potato.	in animals. <u>See</u> subhead	China.....15869	fertility....17613,17615
Sporobolus flexuosus..15731	fertility under names	culture.....17924	Germany.....17656,18919
Sprays and spraying	of animals.	diseases.....15459	grading and standardi-
by airplane..18097,18137	in plants..15611,15666-7,	equipment.....18261	zation.....18916
equipment...18215,18225,	15669,15674	India.....15875,19141	heredity.....17614
18232,18234,18242	Stilbestrol.....17278	juice and sirup...19129,	history.....17602
injuries.....15457,15465	Stomach	19132	industry
technique and equipment.	of cats.....17135	pests..17739,17924,18123	work management..19270
18244	of dogs.....17132	Puerto Rico.....15136	injuries.....17633
<u>See also</u> Fungicides;	Stomopteryx nerteria..18112	varieties.....15877	Iowa.....18934
Growth substances for	Storage	yields.....19130	Italy.....17649,17659
plants; Insecticides;	cellars and pits...18370	Sulfamide.....17351	marketing.....18944-5
and subhead spraying	<u>See also</u> Elevators;	Sulfanilamide.....15687	metabolism.....17632
and dusting under	Locker plants; Ware-	Sulfaquinoxaline....17312	Oklahoma.....18947
names of plants.	houses; and under	Sulfonamides..16802,17116,	prices.....14865
Spruce.....14838	specific products.	17173	programs.....18904
bark.....16702	Straw.....15774,18839	<u>See also</u> names of	records and testing....17652,17660
Spruce, black..15657,15699	as feed.....16774	sulfonamides.	research.....14784
management.....16611	for cattle.....16949	effect on soils...16538	shows and sales....17657
Spruce budworm. <u>See</u>	as fertilizer.....16551	therapeutic use...17303	situation and outlook...14970
Archips fumiferana.	utilization.....15449	Sulfuring. <u>See</u> subheads	slaughtering.....17654,
Squabs.....17292,17414	<u>See also</u> kinds of straw.	<u>under</u> names of specific	18919
Squash	Strawberries	commodities.	Sunflower.....15645
anatomy and physiology..	culture...15990-1,15983,	15570,15681	anatomy and physiology..
15513,15689	15988	as feed.....16770	15570,15681
culture.....14859	diseases.....15545		
pests.....17746	fertilizers.....16394		
storage	Streak		
diseases and pests....15513	of raspberry.....15558		



- Swine--Continued.**  
weight and measurement.. 17654  
See also Boars; Feed; and names of feeds and of anatomical parts, diseases, parasites, and products.  
Swine fever. See Hog cholera.  
Swine pest. See Hog cholera.  
Sycamore diseases.....15472  
Sylvatic plague.....18182  
Symphyta  
  England.....18096  
Synchytrium.....15401  
Syntan.....15181  
Syphilis  
  in rabbits.....17504
- Tachinidae**  
parasites and predators of.....17998  
See also names of genera.  
Taczanowskia.....17896  
Taenia saginata.....16798  
Taenia solium.....16798  
Taeniorhynchus.....18017  
Taeniothrips.....18176  
Taeniothrips cardamomi.... 18178  
Taeniothrips cyperaceae n. sp.....18177  
Taiwania.....17937  
Taiwania spaethi Gressitt. See Cassida spaethiana (Gressitt).  
Take-all, of weeds...15527  
Tannin.....18500  
Tanning.....15181  
  cattle hide.....18979  
  chrome.....18969,18971  
  materials.....16702  
See also Hides and skins; Leather.  
Tapeworms  
  in poultry.....17336  
Tapioca. See Cassava.  
Tarantulas.....17850  
Tariff.....15115  
Tartar products.....19162  
Taxation  
  Cuba.....19252  
  Great Britain.....15140  
  income tax.....15140  
  France.....19249  
  India.....19255  
  India.....19205  
  Missouri.....19250  
  New York.....19253  
  sales tax.....19251  
See also specific subjects.  
Taxis.....15315  
Taxodium distichum...16048  
Taxus cuspidata. See Yew, Japanese.  
Tea.....15194,18500  
  analysis and composition 18523  
  Brazil.....16277  
  culture.....16257  
  history.....16257  
  nutritive value...19778  
  substitutes.....16281  
Technicians...18396,18564, 18889,18918,19230, 19441,19807-8,19822, 19824-5
- Technicians--Continued.**  
Italian Africa.....19804  
Italy.....19074  
Technology.....19177  
Teeth. See Nutrition (human), and teeth.  
Teff.....15753  
Telephones.....18389  
Temperature  
  effect on  
    apples.....18843  
    insects.....17889  
    plants....15628,15645, 15677,15931  
Tenancy. See Land, tenure.  
Tendipedini.....18002  
Tenebrionidae..17933,17944  
See also names of genera.  
Tennessee Valley Authority. See U. S. Tennessee Valley Authority.  
Tenuipalpus pseudocuneatus.....17907  
Teratology. See subhead anomalies under Poultry.  
Termites  
  control.....14726  
  symbionts.....15227  
Terra Rossa soils....16381  
Terracing.....16520  
Testes  
  of dogs.....17119,17129  
Tetanus, in cattle...17004  
Tetany, in dogs.....17134  
Tetrachlorethylene  
  anthelmintic.....14778  
Tetrameres americana.17308  
Tetranychus bimaculatus... 17905  
Tetranychus telarius.17909  
Tetraploidy. See Polyploidy.  
Tex. Agr. and Mech. Col.....18695,19598  
Tex. Agr. Expt. Sta. Beaumont Substation.... 15782  
Tex. Technol. Col. of Lubbock.....18702  
Tex. Water Conserv. Assoc.....16435  
Textiles.....15091  
  Brazil.....18680  
  industry.....18415  
  Australia.....18746  
  Paraguay.....15207  
  processing.....18701  
See also Fibers; Rot-proofing; and names of textiles.  
Textricella n. g....17876  
Textricellidae n. fam.... 17876  
Thallumetus.....17872  
Thalpopbila.....17945  
Theridion.....17858  
Thevetia, luckynut...17692  
Thevetia nereifolia. See Thevetia, luckynut.  
Thiaminase.....19788  
Thiamine  
  and health.....19797  
  in plants.....15725  
See also Vitamin B1.  
Thlaspi arvense. See Pennycress, field.  
Thompson, Guy A.....14923  
Threshing equipment....18271,18289  
Thunia marshalliae...16158
- Thysanoptera**  
Hawaii.....18177,18181  
India.....18180  
New Caledonia.....18176  
See also names of families and genera.  
Thysanura  
  Portugal.....18183  
See also names of families and genera.  
Tick fever. See names of tick-borne diseases.  
Ticks  
  and disease..17728,17864  
  rearing and breeding.... 17892  
See also names of families and genera.  
Tillage..16413,16415,16418  
  effect on soils....16299  
  fallowing.....16412  
  surface.....16411  
See also Hoeing; Flowing; Flows; and subhead culture under names of plants.  
Tillandsia.....15385  
Tilletia foetida.....15486  
Timber. See Lumber; Mine timbers; Wood.  
Time and motion studies. See under Efficiency.  
Tin.....18418  
Tingo Maria, Peru. Estación Experimental.... 19860  
Tipula.....17969  
Tipulidae.....17970  
  China.....17969  
  New Caledonia.....17968  
See also names of genera.  
Tires.....18305  
Tissue cultures  
  plant.....15645  
Titiunovifat Opiten Institut, Drama.....15879  
Tmarus.....17896  
Tobacco.....15645  
  anatomy and physiology.. 15587,15603  
  area of production.14749  
  as fertilizer.....16559  
  biochemistry.15698,15709  
  breeding.....15607  
  Bulgaria.....15879  
  costs and returns.19151, 19494  
  Cuba.....19150  
  culture.....15880,16389  
  curing.....19149  
  diseases.....15528,17687  
  control.....14723  
  fertilizers.....16389  
  history.....19153  
  hybrids.....15579  
  India.....19151-2,19494  
  industry.....18415  
  marketing.....19151-2  
  Nyasaland.....19148  
  pests.....17687  
  Puerto Rico..15881,15883  
  quality.....15882  
  regulation and inspection.....14749  
  statistics.....14772  
  storage.....19149,19151  
  taxation.....19252  
  trade.....15208  
  Turkey.....15878,15885  
  Union of South Africa... 15884
- Tobacco--Continued.**  
See also Insurance, tobacco; Nicotiana.  
Tobacco budworm. See Heliothis virescens.  
Tollman, Phillip.....19844  
Tomato, currant.....15605  
Tomatoes  
  anatomy and physiology.. 16208  
  canning.....15030  
  culture.....16180,16182, 16204,16208,16226, 16235  
  diseases....15444,15476, 15514,15553  
  control.....15451  
  fertilizers.....16373  
  fruit set.....15611  
  harvesting.....16213  
  history.....16230  
  hybrids.....15705  
  juice.....15094  
  pests.....15444  
  varieties....15893,16185  
  yields.....16523  
Tools. See names of tools.  
Torsion of the uterus  
  in cattle.....17007  
Toxoptera graminum...18054  
Trace elements. See names of trace elements.  
Tractors.....15154,18226, 18306  
  cooperatives.....18297  
  fuel.....18293  
  lights.....18300  
  maintenance and repair.. 18308-9  
  mechanics.....18301  
  specifications.....15153  
  utilization..18252,18298  
Trade.....19730  
  agreements and treaties. 15115,15142  
  Argentina....19704,19706  
  Australia.....19713  
  barriers  
    international...14856, 19712  
  Brazil.19203,19705,19715  
  British Guiana....19723  
  Canada.....19722-3  
  Colombia.....19724  
  Egypt.....19720  
  foreign.....15144,19724  
  Great Britain.....15128, 19715  
  Italian Colonies..19709- 10  
  Italy.....19709-10  
  Latin America....19722, 19729  
  Mozambique.....19721  
  Paraguay.....15206  
  Philippine Islands.15144  
  postwar.....19403,19712  
  Sweden.....19726  
  Tripolitania.....19214  
  U. S. S. R.....19203, 19705,19727  
See also under names of products.  
Tradescantia.....16091  
Tragasol.....15177  
Transplanting. See under Trees; and subhead planting under names of plants.  
Transportation.....15308  
  Australia.....18450  
  Colombia.....18433



Item	Item	Item	Item
Transportation--Continued.	Trombicula.....17883	Ubertini, B.....16856	U. S. Dept. of Agr.--Con-
rates.....14920-1	Trombicula sarcina...17873	Uganda Protectorate.	tinued.
situation and outlook...	Tropical and subtropical	Forest Dept.....16720	War Food Admin....14923,
18430	plants. <u>See</u> Plants.	Ulcers, in man.....18189	19602
water.....18433	tropical and subtropical.	Ulonemia pacifica....18055	Distribution, Off. of.
<u>See also</u> Freight rates;	Trout, G. M.....17088	Ultraviolet ray	19830
<u>and under</u> Railroads	Truck crops. <u>See</u> Vegeta-	in veterinary medicine..	U. S. Emergency Court of
<u>and names of</u> commodi-	bles; <u>and names of</u> crops.	16816	Appeals.....14925
ties.	Truck farming. <u>See</u> Vege-	Unemployment.....16249	U. S. Food and Drug Admin.
Traps. <u>See</u> Baits and	tables; <u>and names of</u>	employment. <u>See</u> Em-	18886
traps.	crops.	ployment.	U. S. Government. <u>See</u>
Trechus.....17965	Truman, Harry S.....19832	United Nations Relief and	names of specific agen-
Tree farms.....16610	Trypanosoma congolense	Rehabil. Admin.....15121,	cies.
Trees	in cattle.....16992	19191	U. S. Interstate Com.
anatomy and physiology..	Trypanosomiasis.....17972	U. S. Army	Comm..14920-4,18426,18429
15648	transmission.....15231	Corps of Engineers.....	U. S. Off. of Price
Argentina.....19815	Tsetse flies. <u>See</u>	16465,16477	Admin.....14925,15204,
care.....15449	Glossina.	Fourth Service Command..	19099
Chile.....16160	TSitain, Nikolai.....15615	18016,18024	U. S. Tenn. Valley
culture.....16107,16142,	Tsuga canadensis. <u>See</u>	health.....18038	Authority.....18023
16407	Hemlock, Canadian.	milk.....18612	U. S. War Dept. <u>See</u> U. S.
diseases.....15439,15539	Tsutsugamushi disease.	<u>See also</u> Armed forces;	Army.
fertilizers.....16344,	<u>See</u> Scrub typhus.	Veterans; <u>and subheads</u>	U. S. War Prod. Bd...14774
16372	Tuberculosis	armed forces <u>and</u> war	Università di Padova.16776
growth.....15633,15745,	in cattle	use <u>under</u> specific	Upper West Fork Soil Con-
15749	tests.....14782	subjects.	servation District, Tex..
identification.....15264	transmission.....17026	U. S. Bur. of Reclam.16442	16519
in soil conservation....	in goats.....17563	U. S. Dept. of Agr...14724	Urocystis cepulae. <u>See</u>
16515	in man.....17026	Agr. Adjust. Agency.....	Smut, of onion.
injuries...15412,15436,	in poultry.....17647	15210,19821	Urrbrae Agricultural High
16727	in sheep.....17559	directories.....14750	School (Australia)..19629
Italy.....15252	in swine.....17644	Agr. and Indus. Chem.,	Urticaria.....16787
names.....15335	control.....17647	Bur. of.....19132	Uruchus.....17884
pests.....17689,18102	Minnesota.....17647	South. Region. Res.	Ustilago hordei.....15604
resistance.....17971	tests.....17019	Lab.....18714	<u>See also</u> Smut, of
planting.....16111	Tubes, rubber.....18240	Anim. Indus., Bur. of	barley.
propagation.....14732	Tulip root	Range Livestock Expt.	Ustilago nigra.....15604
pruning.....16100	of oats.....15559	Sta.....14784	<u>See also</u> Smut, of
shade..15439,16009,16157	of weeds.....15559	directories.....14808	barley.
Somaliland.....16590	Tuliptree.....14838	Ext. Serv...15305,19567,	Ustilago nuda. <u>See</u> Smut,
stumps.....19482	Tumors	19602	of barley.
transplanting.....14880	in cattle.....17013	Field Studies and	Uterus
Uruguay.....15255	in dogs.....17119,17129	Training, Div. of....	of cattle.....17007
varieties.....16515	in horses.....17168,17183	14806	<u>See also</u> Metropathy.
<u>See also</u> Forests; Memo-	in insects.....18163	Farm Credit Admin.16566,	Vaccines.....16853
rial plantings; Nurs-	<u>See also</u> Sarcoma.	19226	<u>See also</u> Brucella
eries (plant); Wind-	Tumors, plant. <u>See</u> Galls,	directories.....14823	abortus, vaccines; Im-
breaks; <u>and names</u> and	plant.	Farm Security Admin.....	munization; <u>and names</u>
classes of trees.	Tung oil.....19044	19225	of vaccines.
Triatomidae	analysis and composition	Federal Crop Ins. Corp.	Vaccinium arctostaphylos.
Chile.....18068	19059	<u>See subheads under</u> In-	<u>See</u> Whortleberry, Cau-
<u>See also</u> names of	Tung-oil tree	surance.	casian.
genera.	Nyasaland.....16283	Forest Serv..14850,16619	Vacuum packing. <u>See under</u>
Trichinella spiralis.16805	Turf.....16122	Forest Prod. Lab.16653	Food.
Trichinosis.....16798	<u>See also</u> Grasses.	Graduate School...14852	Vaginitis
Trichocentrum panduratum..	Turkey meat	Human Nutr. and Home	in cattle...16989,17033
15383	curing.....19078	Econ., Bur. of publi-	Vanadium
Trichodectes ferrisi	Turkeys	cations.....14853	effect on plants...15624
n. sp.....18190	care, seasonal.....17440	Library.....19823	in plants.....15623
Trichogramma.....18111	equipment.....18351	Mktg. Serv., Off. of	Vanessa cardui.....18145
Tricholoma.....15407	farms and ranches.17355,	Mktg. Facilities	Vecchi-Finzi formula.17179
Trichomoniasis	17405	Branch.....14861	Vegetables
in cattle...17016,17042	feeding and nutrition...	Plant Indus., Soils, and	analysis and composition
Trichostrongylosis	17271-2,17281	Agr. Engin., Bur. of	16346
in goats.....17575	regulation and inspec-	publications.....14884	Australia...16196,18805,
in sheep.....17575	tion.....17413	publications.....14857	18822,18829
Trichuris discolor...16844	research.....14784	Rural Electrifi. Admin...	Brazil.....15891
Trichuris parvispiculum..	types.....14781	14897	Canada.....18795
16844	Union of South Africa...	Soil Conserv. Serv.	canned.....18829,18831
Tridenchthoniidae....17860	17370	personnel.....14911	purchase and sale pro-
<u>See also</u> names of	weight and measurement..	<u>See also</u> names of	grams.....14949
genera.	17271	soil conservation	situation and outlook.
Trifolium alexandrinum.	<u>See also</u> Eggs, turkey;	districts.	18844
<u>See</u> Clover, Egyptian.	Poults.	Supply, Off. of	spoilage.....18817
Trioza koebelei.....18071	Turnips, anatomy and	Procurement and Price	canning
Triploidy. <u>See</u> Polyploidy.	physiology.....15653	Support Branch	home.....15078
Tristeza	Turpentine.....16683	directories.....14936	labor.....14932
of citrus.....15422	Twin Ports Coop. Dairy	Shipping and Storage	culture.....14746,15281
of orange.....15423	Assoc., Superior, Wis....	Branch	home raising....15071,
Trisula.....18142	15196	directories.....14935	15079,15272,16174,
Triticum dicoccoides. <u>See</u>	2, 4-D.....14883		16206,16220,16222,16231
Wheat, wild.	Typhus. <u>See</u> Scrub typhus.		



**Vegetables--Continued.**  
 culture--continued.  
 seasonal...16184,16231  
 diseases  
 New Jersey.....15443  
 New York (State)...15421  
 Wisconsin.....15110  
 dried  
 cookery....15168,18834  
 postwar.....14734  
 quality.....15168  
 storage.....15168  
 drying.....18832-3  
 fertilizers..16339,16346,  
 16358,16361,16367  
 for processing....14955  
 France.....15282,16183-4  
 freezing.....18826  
 frozen.....15184  
 Germany.....18782  
 Great Britain.....18833  
 Honduras.....18774  
 India.....16215  
 injuries.....15421  
 Italy.....18759  
 legislation.....18804  
 marketing...15096,18803-  
 5,18812  
 cooperative.....18807  
 packaging.....18818  
 Palestine....16190,16221  
 pests  
 Wisconsin.....15110  
 physiology.....16200  
 planting....16176,16191  
 prices.....14955  
 control.....18822  
 seed.....14767,16190  
 situation and outlook...  
 18778  
 statistics.....15184  
 Switzerland.....16201,  
 16240  
 trade.....15096  
 varieties....16187,16214  
 vitamins....19783  
See also Gardens and  
 gardening, victory;  
 Greenhouses, vegetable  
 culture; Root crops;  
 and names of vegetables.  
**Vegetation**  
 California.....15320  
 New Jersey.....15339  
See also Ecology, plant;  
 Flora; Revegetation.  
 Velva fruit.....14739  
 Veneers.....16648,16703  
See also Plywood.  
 Ventilation. See under  
 Poultry, housing.  
 Venturia inaequalis. See  
 Scab, of apple.  
 Veratrine.....18008  
 Verbasum.....16036  
 Vergil (Publius Vergilius  
 Maro). Fourth Georgic....  
 17772  
 Verminekrin.....17191  
 Vt. State Planning Bd.....  
 16469  
 Vermont.....18532  
 Vernonia polyanthes..15396  
**Vetch**  
 breeding.....15609  
 culture.....15755  
**Veterans**  
 Australia.....19179  
 employment...14815,14938  
 farming.....19414,19439,  
 19471  
 Germany.....19414,19656

**Veterans--Continued.**  
 land settlement....15143  
 Australia.....19522  
 British West Africa...  
 19521  
 Canada.....19509,19528  
 Washington (State)....  
 19503  
 occupational therapy....  
 16149  
 poultry farming....19418  
 programs.....15122  
 training....19571,19610,  
 19656,19659,19661  
**Veterans' Land Act**  
 (Canada), 1942.....19509  
**Veterinarians**..16810,16822  
**Veterinary medicine**..16980  
 drugs..16840,16983,17327  
 administering....17349  
 Germany.....16848  
 history....16777,16792,  
 16795,16814  
 Italy.....16776,16817  
 Peru.....16841  
 postwar.....16839  
 practice....16781,16814,  
 16822,16828,16852,  
 16990  
 research.....16853  
 study and teaching....  
 16776,16841-2  
 technique and equipment.  
 16785,16864  
 sanitation.....17020  
See also Castration;  
 Immunization; Ovarioto-  
 my; names of drugs,  
 diseases, and organ-  
 isms; and subheads  
 diseases, parasites,  
 and surgery under names  
 of animals.  
**Vetahchain, Fritts von**....  
 19851  
**Vibrio fetus**.....17570  
**Viburnum dentatum**....16022  
**Viburnum prunifolium**..16006  
**Vicia sativa**. See Vetch.  
**Victory Farm Volunteer**  
**Corps**.....19669  
**Victory gardens**. See  
 Gardens and gardening,  
 victory.  
**Villages**  
 Germany.....19561  
 U. S. S. R.....19565  
**Vineyards**. See Grapes.  
**Viola**.....16170  
**Virus C, of potato**...15543  
**Viruses and virus diseases**  
 19810  
**Viruses and virus diseases**  
 (animal)  
 of poultry.....17333  
See also names of dis-  
 eases and under names  
 of animals.  
**Viruses and virus dis-**  
**eases (plant)**....15546-7  
 names.....15275,15550  
 of fruit.....15549  
 of potato....15544,15556  
 of tomato.....15553  
 properties.....15551  
 transmission.....15557  
See also names of dis-  
 eases and under names  
 of plants.  
**Vitamin A**  
 in animal nutrition....  
 16962

**Vitamin A--Continued.**  
 in butter.....19787  
 in fish products..19772,  
 19779  
See also Carotene.  
**Vitamin B**. See Folic acid;  
 Niacin; Pantothenic acid;  
 Riboflavin; Thiamine.  
**Vitamin B<sub>1</sub>**  
 preparation.....19794  
See also Thiamine.  
**Vitamin B<sub>2</sub>**. See Niacin;  
 Pantothenic acid; Ribc-  
 flavin.  
**Vitamin B<sub>c</sub>**.....19765  
**Vitamin C**  
 and health.....19771  
 in animal nutrition....  
 17629  
 in milk.....19781,19789  
 in plants...15712,15718,  
 15726  
 in vegetables.....19783  
 stability.....19776  
See also Ascorbic acid.  
**Vitamin D**  
 in animal nutrition....  
 16775  
**Vitamin G**. See Riboflavin.  
**Vitamin H**. See Biotin.  
**Vitamin P**.....15241  
**Vitamins**.....15235  
 in animal nutrition....  
 16768,16955,16963,  
 17194  
 in feed.....16754  
 in human nutrition..19788  
See also Growth sub-  
 stances for plants;  
 names of specific vi-  
 tamins; and under names  
 of products.  
**Viteus vitifoliae**. See  
 Phylloxera vitifoliae.  
**Vitex agnuscactus**. See  
 Chaste-tree, lilac.  
**Volucella zonaria**...17981  
**Volvaria bombycina**...15409  
**Volvaria diplasia**....16232  
**Wages**.....14865,19285-6  
 Argentina.....19267  
 Canada.....19264  
 Great Britain.....19273  
 regulation...19261,19409  
 statistics.....19190  
 Uruguay.....19258,19274  
**Wagons**.....18299  
**Walnut, English**. See  
 Walnuts.  
**Walnut, Persian**. See Walnuts.  
**Walnuts**  
 diseases  
 resistance.....15993  
 hybrids.....15993  
 Italy.....15996  
**War agricultural commit-**  
**tees**. See Committees,  
 agricultural.  
**War damage**  
 Philippine Islands..15145  
See also Reconstruction;  
 Relief and rehabilita-  
 tion.  
**War Production Board**. See  
 U. S. War Prod. Bd.  
**Warehouses**.....18726  
**Wart disease**  
 of cherry.....15557  
 of peach.....15557  
**Wash. State Reclam. Assoc.**  
 16443

**Wasps**  
 New Caledonia.....18095  
See also names of  
 families and genera.  
**Waste**  
 utilization.....14755  
See also Chemurgy; and  
 under names of prod-  
 ucts.  
**Water**.....16468  
 conservation.....14909,  
 14915,16287,16435  
 research.....14784  
 control  
 engineering methods...  
 16425  
 forest relations...16444  
 legislation..16419,16460,  
 16469,16473  
 programs....16465,16477,  
 16480  
 rights.....16421  
 storage.....16494  
 supply.....16420,16427  
 Colombia.....16578  
 Libya.....16430  
 forecasts.....14914  
 Nebraska.....16455  
 systems....14903,18377-8  
 underground..14964,16420  
See also Drainage;  
 Floods, control; 4-H  
 Clubs, water conserva-  
 tion; Irrigation; Ponds;  
 Precipitation; Runoff;  
 Soils, moisture.  
**Water dropwort**.....16249  
**Watersheds**....16434,16471  
**Waxes**  
 plant sources.....19171  
See also names of waxes.  
**Waxmyrtle, southern**..19168  
**Weather**. See Climate and  
 weather.  
**Weavers-broom**.....15195  
**Weeds**.....16247  
 Australia.....16242  
 control.....15814,16248,  
 16250-1,16253  
 burning  
 equipment.....18217  
 chemical..14723,15022,  
 19800  
 growth substances....  
 14883,15649,16244  
 diseases.....15527,15559  
 Great Britain.....16243  
See also names of weeds.  
**Weevils**.....17929  
See also names of  
 families and genera.  
**Welfare**. See Children,  
 welfare; Families, wel-  
 fare; Social welfare;  
 Youth, welfare.  
**West Tex. Chamber of**  
**Com.**.....18429  
**Western Australia**.  
 Statistician's Off..18491  
**Wettstein, Fritz von**. See  
 Vetahchain, Fritts von.  
**Wetwood**  
 of elm.....15533  
**Wheat meal**  
 as feed  
 for horses.....17162  
**Wheat, wild**.....15452  
**Wheatgrass, crested**..15816,  
 15853  
**Whetzel, Herbert Hice**....  
 19834  
 publications.....19834



- Wheat**  
analysis and composition 18870, 18884  
anatomy and physiology.. 15569  
Argentina....15796, 18867  
as feed.....16747, 18875  
Australia....15797, 18867  
breeding.....15768, 15805  
Bulgaria.....15569  
Canada.....15762, 18867  
China.....15766, 15805  
Colorado.....14966  
culture.....15790, 15794  
diseases.....15460, 15663  
resistance.....15268  
Eire.....15770  
equipment.....15797  
Ethiopia.....18856  
fertilizers.....16335, 16376, 16401  
France.....15767  
grading and standardi-  
zation.....18879  
harvesting.....15797  
Illinois.....14974  
Italian Africa....18884  
Italian East Africa.... 15784  
Kansas.....15796, 18879  
milling and baking  
quality.....18856, 18884  
Nebraska.....15771  
North Dakota.....15800  
prices.....15210  
programs.....15210, 18872  
seed.....15788  
situation and outlook... 18867, 18877, 18881  
storage.....18875  
diseases and pests.... 17750  
trade.....15208  
utilization.....18422  
varieties...14974, 15268, 15764, 15781, 15799-800  
vitamins.....15725  
See also Flour; In-  
surance, wheat; Mills  
and milling.
- Whey**  
as feed.....16759  
for cattle.....16953  
for poultry.....17290
- White grubs.** See Phyllo-  
phaga.
- Whitmore's bacillus.** See  
Malleomyces pseudomallei.
- Whortleberry, Caucasian...**  
16281
- Wilcox, E. V.**.....16276
- Wild flowers...**15269, 16008
- Wildlife**  
on the farm.....19827
- Wildlife--Continued.**  
See also Forests, wild-  
life relations; and  
names of animals and  
birds.  
Willoughby-Ellis Collec-  
tion.....18139  
Willow.....15706  
Wilt  
of alfalfa.....15860  
of banana.....15523  
Wind erosion  
control.....16495  
U. S. S. R.....16492  
Wind power.....18294  
Windbreaks...14905, 16484,  
16620, 16623  
Windmills.....18294  
Window-box gardens...16133  
Wine  
analysis and composition  
15176, 18499, 18502,  
18521, 18529  
Argentina.....18514  
Australia.....18535  
Brazil.....18502  
Chile.....18530-1  
fermentation.....18505,  
18508, 18511  
flavor and aroma...18510  
France.....18526  
Germany.....18529  
Libya.....18506  
manufacture, 15176, 18496,  
18507, 18533, 18535  
marketing.....18535  
musts.....15176  
storage.....18519  
See also kinds of wine.  
Wings  
of insects.....18153  
of pigeons.....17330  
Wireworms  
control.....17924, 17966  
populations.....17926  
See also names of  
genera.  
Women  
Canada.....19675  
Germany.....19282  
Great Britain.....19585  
labor.....19282  
occupations..19585, 19651  
organizations.....19675  
U. S. S. R...19606, 19666  
Women's Farm and Garden  
Assoc. (Gt. Brit.)..19585  
Wood  
anatomy.....15262  
Argentina.....16664-5  
as fuel.....16708-11  
bending.....16650  
bibliographies....14843  
bonding.....16663  
Brazil.....16586
- Wood--Continued.**  
Cuba.....15261  
finishing....16680, 16682  
laminated....16656, 16706  
physical properties.... 15252, 16649  
plastics.....16686-9  
seasoning.....16651-2  
technology  
equipment.....14837  
utilization.....15248,  
16659-61, 16666-7  
waste  
utilization.....16655,  
16669  
See also Ashes; Lumber;  
Flywood; Veneers.  
Wood lice. See Isopoda.  
Woodlands, farm.....15251,  
16623  
Chile.....16621  
costs and returns..16625  
management...16622, 16624  
Wool.....15308, 18683, 18689  
Australia.....18696,  
18703-4, 18722, 18728,  
18738, 18744, 18926  
carding and combing.... 18664  
care and handling..18694  
Chile.....18676  
cooperatives.....19869  
discoloration.....18673  
Ethiopia.....18740, 18906  
fiber.....18715, 18740  
grading and standardi-  
zation.....18703-4  
Kenya.....18739  
legislation.....18703  
marketing...18696, 18718,  
18722  
prices.....18722  
processing.....18127  
quality.....18709, 18742,  
18750, 18752  
regulation and inspec-  
tion.....18718  
research.....18743  
situation and outlook... 18688  
statistics.....14769  
textiles.....18658  
transportation...14922,  
14924, 18722  
Union of South Africa... 18718  
Uruguay.....18731  
Wool, Angora rabbit.17454,  
17457, 17486, 17490,  
17493, 17510, 18671,  
18697, 18730  
Work management. See under  
Labor and names of in-  
dustries.
- Worms**  
in cattle...16823, 16977,  
17024  
in goats.....16823  
in horses.....17170  
in poultry.....17331  
in sheep....16823, 17554,  
17560  
in swine...17634, 17636-7  
See also names of worms  
and anthelmintics.  
Wounds.....16862  
Wyo. Reclam. Assoc...16462  
Xanthium cavanillesii.... 16241  
Xenia.....15570  
Xylene.....18011  
Yam, Chinese.....16224  
Yeasts.....18511  
analysis and composition  
19763  
anatomy and physiology.. 15632  
as feed.....14994  
vitamins.....19794  
Yellow berry  
of wheat.....15663  
Yellow-fever mosquito.  
See Aedes aegypti.  
Yellow poplar. See Tulip-  
tree.  
Yellows, of potato...18051  
Yew, Japanese.....16033  
Yoghurt.....19798  
Yosemite National Park.... 18077  
Young Farmers' Clubs  
Great Britain.....15124  
Young Men's Christian  
Assoc., Great Britain.... 19578, 19587, 19690, 19702  
Youth.....19663  
Canada.....19590  
education and training.. 19581, 19622  
Great Britain.....19578,  
19587, 19690  
migration.....19622  
programs.....14798  
Sweden.....19581  
welfare.....15134  
See also Education; 4-H  
Clubs; Future Farmers  
of Amer.; Nutrition,  
human, youth.  
Zalonius pulcherrimus  
n. sp.....17902  
Zelurus parkoi n. sp.18059  
Zeugophora.....17938  
Zoology  
nomenclature.....17669,  
17676



## PUBLICATIONS WANTED

If you can supply any of the publications listed below through purchase, gift, or exchange, please notify the Library, United States Department of Agriculture, Washington 25, D. C.

- Arnold, J. R. Hides and Skins. New York, 1925.  
 Bang, E. E. Leathercraft for Amateurs. Boston, 1935.  
 Bennett, H. G. The Manufacture of Leather. New York, 1909 or 1926.  
 Bergmann, M., ed. Handbuch der Gerbereichemie und Lederfabrikation. Bd. 1-3. Wien, 1931.  
 Cardoso, J., Jr. Subsídios para a Materia Medica Therapeutica das Possessões Ultramarinas Portuguezas. 2 v. Lisboa, 1902-05.  
 Caudri, L. W. D. The Braconid Alys Manducator Panzer in Its Relation to the Blow-fly Calliphora erythrocephala Meigen. (Thesis, Univ. of Leiden) Leiden, Holland, 1941.  
 Chemical Engineering Catalogue. New York. 29th, 1944-45.  
 Chevalier, A. Études sur la Flore de l'Afrique Centrale Française (Bassins de l'Oubangui et du Chari). v. 1. Énumération des Plantes Récoltées. Paris, 1913.  
 Chevalier, A. Flore Vivante de l'Afrique Occidentale Française. v. 1. 1938.  
 Chiovenda, E. Raccolte Botaniche (Embryophyta Diploidalia) Fatte dai Missionari della Consolata nel Kenya. Modena, 1935. (Lavori Ist. Bot. R. Univ. Modena, Me. 6)  
 Clinton, Iowa, Marketing Area. Prices and Statistical Data. Nov. 1944.  
 Corti, R. Prodròmo della Flora e Vegetazione del Fezzàn. Firenze, 1938.  
 Crockett, H. G., ed. Practical Leather Manufacture. London, 1921.  
 Cuoco, L. Fauna et Flora Medica e Industriale della Conolia Eritrea. Napoli, 1898.  
 Davidsohn, I. Shoe Creams and Polishing Waxes. New York, 1938.  
 De la Rue, E. A. La Somalie Française. Paris, 1938.  
 Dinter, K. Die Vegetabilische Veldkost Deutsch-Suedwest-Afrikas. Okahanja, 1912.  
 Doumergue, F. Herborisations Orañaises. Pt. 1. Oran, 1913. (From Bul. Soc. Géog. et d'Arch. Oran. v. 33, fasc. 136)  
 Drake-Brockman, R. E. British Somaliland. London, 1912.  
 Dumesney, P. Wood Products: Distillates and Extracts. Ed. 2, rev. New York, 1921.  
 Flemming, L. A. Practical Tanning. 1st, 2d, or 3d ed. Philadelphia, 1903, 1910, or 1916.  
 Florida Fruit Digest. Jacksonville, Fla. Nos. 1, 12, 39, 40, 43, 44, 1944.  
 Flower Grower. Los Angeles, Calif. v. 31, No. 9, Sept. 1944.  
 Freudenberg, K. J. Tannin, Cellulose, Lignin. Ed. 2. Berlin, 1933.  
 Furlong, J. R., ed. Preparation of Empire Hides and Skins. London, 1938.  
 Gerbereichemisches Taschenbuch. Ed. 4. Ed. by A. Kuntzel. Darmstadt, 1938.  
 Gnamn, H. Die Fettstoffe in der Lederindustrie. Stuttgart, 1926.  
 Grape Belt and Chautauqua Farmer. Dunkirk, N. Y. v. 50, No. 37, May 9, 1944.  
 Great Britain. Department of Scientific and Industrial Research. Forest Products Research Board. A Handbook of Empire Timbers. Ed. by H. A. Cox. London, 1939.  
 Great Britain Royal Army Medical Corps. Journal. London, v. 82, Nos. 6-12, June-Dec. 1944.  
 Harvey, A. Tanning Materials. New York, 1921.  
 Home Freezing News. Buffalo, N. Y. v. 1, No. 1, 1944.  
 Homemaker combined with Better Cooking. New York. v. 5, No. 6; v. 6, Nos. 3-4; v. 7, Nos. 5-6. 1944.  
 Issa Bey, A. Dictionnaire des Noms des Plantes en Latin, Français, Anglais et Arabe. Le Caire, 1930.  
 Jettmar, J. Handbuch der Chromgerbung. Ed. 2. Leipzig, 1913.  
 Julien, A. Flore de la Région de Constantine. Constantine, 1894.  
 Kegel, M. de. Manuel du Fabricant des Encres, Cires, et Colles et Leur Préparation. Paris, 1922.  
 Kohl, F. Technisches Wörterbuch für die Lederindustrie in Deutscher, Englischer, und Französischer Sprache. Frankfurt, 1913.  
 Kubelka, V. Die Quantitative Gerbmittelanalyse. Wien, 1930.  
 Lamb, M. C. Leather Dressing, Including Dyeing, Staining and Finishing. Ed. 3. London, 1925 or 1907.  
 Lamb, M. C. Manufacture of Chrome Leather. Boston, 1923.  
 Lancet. London. Jan. 1, 1944.  
 Lane-Poole, C. E. The Trees, Shrubs, Herbs, and Climbers of Sierra Leone. Freetown, 1916.  
 Manchester Guardian. Manchester, Eng. Nos. 30562, 30640, 30722, Sept. 14, Dec. 14, 1944, Mar. 22, 1945.  
 Maugham, R. C. F. Zambesia: A General Description of the Valley of the Zambesi River. London, 1910.  
 Mildbrand, J. Botanik. Leipzig, 1922. (In Wissenschaftliche Ergebnisse der Zweiten Deutschen Zentral-Afrika-Expedition 1910-1911 unter Führung Adolf Friedrichs, Herzogs zu Mecklenburg. v. 2)  
 Modern American Tanning. 2 v. Chicago, 1902-10.  
 Moseley, G. C. Leather Goods Manufacture. New York, 1939.  
 Nannizzi, A. Le Piante Coltivate ed Utili della Libia. Siena, 1913.  
 National Cleaner and Dyer. New York. v. 34, No. 5, May 1943.  
 National Office Management Association. NOMA forum. Philadelphia. Dec. 1944.  
 New Health. London. v. 20, No. 2, Feb. 1945.  
 Nierenstein, M. Incunabula of Tanning Chemistry. London, 1932.  
 Nierenstein, M. Natural Organic Tannins. Cleveland, Ohio, 1934.  
 Oettinger, C. Neuere Gerbmaterialeien. Leipzig, 1914.  
 Pax, F. Die Rohstoffe des Tierreichs. Lfg. 1-15. Berlin, 1928-40.  
 Peters, W. E. Ohio Lands and Their History. Ed. 3. Athens, Ohio, 1930.  
 Sacleux, C. Essai de Catalogue des Plantes de Zanzibar. Zanzibar, 1890?  
 Sim, T. R. Sketch and Check-List of the Flora of Caffraria. Cape Town, 1894.  
 Trabut, L. D'Oran à Mecheria. Notes Botaniques. Alger, 1887.  
 Vocabulary of Nigerian Names of Trees, Shrubs and Herbs. Lagos, 1936.  
 Vocational Guide. Chicago. v. 7, Nos. 1-4, 6-8, Jan.-Apr., Sept.-Nov. 1944.  
 Western Poultry Journal. Salem, Oreg. v. 6, Nos. 3-4, Jan.-Feb. 1944.  
 Wildeman, E. de. Études sur la Flore des Districts du Bangala et de l'Ubangi (Congo Belge). Bruxelles, 1911.  
 Wood, J. M. A Handbook to the Flora of Natal. Durban, 1907.

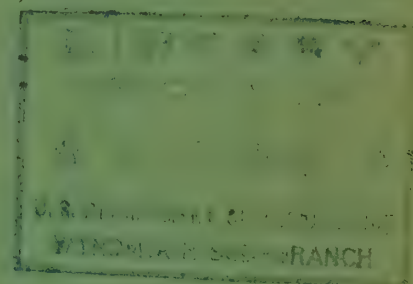






9/6  
B471  
Cop. 1  
Ref. Rm.

# BIBLIOGRAPHY OF AGRICULTURE



U.S. DEPARTMENT  
OF AGRICULTURE  
LIBRARY





United States Department of Agriculture Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B.—Bulletin; C.—Circular; J.—Journal; P.—Publication; Q.—Quarterly; U.—University; U. S. D. A.—United States Department of Agriculture; Ybk.—Yearbook; Z.—Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

**MICROFILMS:**

Periodical Articles.—A flat charge of 50 cents for any single article, from any single volume of a periodical.

Books and Serial Publications.—50 cents for each 50 pages or fraction thereof.

**PHOTOPRINTS:**

50 cents for each 10 pages of text or fraction thereof.



# UNITED STATES DEPARTMENT OF AGRICULTURE

## LIBRARY

### BIBLIOGRAPHY OF AGRICULTURE

Vol. 7

November 1945  
Items 19879-25238

No. 5

#### CONTENTS

Item	Item	Item
U. S. D. A. PUBLICATIONS.....	Soils and Fertilizers..21684-	Lumbering.....22089
19879-20241	22008	Equipment.....22095
STATE AGR. EXPT. STA.	Soil Science.....21684	Logging.....22096
PUBLICATIONS.....20242-20358	Soil Physics.....21684	Lumber Industry.....22100
STATE AGR. EXT. SERV.	Soil Chemistry and	Sawmills.....22103
PUBLICATIONS.....20359-20471	Mineralogy.....21697	Wood Technology.....22106
BOOKS AND PAMPHLETS.....20472-	Soil Biology.....21710	Chemical and Physical
20625	Soil-Plant Relation-	Properties.....22107
PERIODICAL AND SERIAL	ships and Soil Re-	Preservative Treat-
LITERATURE.....20626-25238	quirements.....21720	ment.....22111
Plant Science.....20626-21683	Soil Genesis, Formation,	Seasoning and Con-
Systematic and Geographic	Classification, and	ditioning.....22114
Botany.....20671	Mapping.....21734	Forest Products.....22115
Spermatophytes.....20674	Soil Management.....21738	Barrels, Boxes, and
Pteridophytes.....20721	Soil Fertility.....21750	Crates.....22127
Bryophytes.....20728	Soil Tilth and Till-	Building Construction....
Algae.....20736	age.....21824	22129
Fungi and Lichens...20741	Drainage, Irrigation,	Charcoal.....22131
Pathology.....20750	Water Supply, and	Furniture.....22133
Fungus Diseases.....20804	Flood Control.....21842	Naval Stores.....22135
Bacterial Diseases...20865	Erosion and Erosion	Plastics.....22137
Virus Diseases.....20871	Control.....21888	Pulp and Paper.....22141
Diseases Caused by	Sanitation.....21925	Tanning Materials...22155
Nematodes.....20883	Materials for Soil Im-	Veneers and Plywood...22156
Ecology.....20888	provement.....21927	Wood as Fuel.....22159
Morphology, Anatomy, and	Primary Materials...21941	Miscellaneous.....22162
Cytology.....20907	Secondary and Minor	Education.....22167
Genetics.....20938	Element Materials...21958	Forest Influences...22171
Physiology.....20961	Mixed Fertilizers and	Animal Industry...22173-22900
Biochemistry.....21016	Fertilizer Technology...21964	Breeds and Breeding...22173
Silviculture.....21027	21965	Feeds and Feeding...22178
Field Crops.....21048	Fertilizer Statistics....21965	Veterinary Medicine...22217
Cereals.....21059	Mineral Soil Amend-	Miscellaneous.....22281
Fiber Crops.....21108	ments.....21972	Cattle.....22302
Forage Crops and	Manures and Composts....21977	Breeds and Breeding...22342
Grasses.....21124	21977	Feeds and Feeding...22343
Oil Crops.....21189	Forestry.....22009-22172	Veterinary Medicine...22383
Sugar Crops.....21201	Forest Economics and	Miscellaneous.....22437
Tobacco.....21217	Policy.....22009	Dogs and Cats.....22493
Horticultural Crops...21221	Legislation.....22031	Breeds and Breeding...22493
Fruits.....21246	Forest Description and	Veterinary Medicine...22504
Citrus and Subtrop-	Resources.....22034	Miscellaneous.....22523
ical.....21257	Individual Genera and	Horses and Mules....22535
Deciduous.....21291	Species.....22049	Breeds and Breeding...22535
Small.....21314	Forest Administration and	Feeds and Feeding...22552
Nuts.....21346	Management.....22054	Veterinary Medicine...22554
Ornamental Plants...21350	Farm Woodlands.....22072	Miscellaneous.....22572
Vegetable and Truck	Mensuration.....22078	Poultry.....22594
Crops.....21553	Forest Protection and	Breeds and Breeding...22594
Weeds and Poisonous	Damage.....22082	Feeds and Feeding...22628
Plants.....21614	Fire.....22083	Veterinary Medicine...22653
Miscellaneous Economic		Miscellaneous.....22685
Plants.....21641		



Item	Item	Item
Rabbits.....22779	Consumption and Utiliza- tion.....23806	Tobacco.....24539
Breeds and Breeding...22779	Distribution, Marketing, and Transportation...23811	Miscellaneous Products.....24549
Feeds and Feeding...22789	Grading, Inspection, Standardization, and Quality.....23830	Agricultural Economics and Rural Sociology..24570-25048
Veterinary Medicine...22790	Packing and Packaging...23837	Agricultural Finance..24617
Miscellaneous.....22791	Prices, Price Control, and Rationing.....23845	Credit.....24622
Sheep and Goats.....22804	Processing and Storage.....23859	Income.....24637
Breeds and Breeding...22804	Statistics.....23897	Insurance.....24642
Feeds and Feeding...22819	Beverages and Condiments...23916	Taxation.....24646
Veterinary Medicine...22825	Dairy Products.....23949	Agricultural Labor and Wages.....24654
Miscellaneous.....22841	Analysis and Composi- tion.....23980	Agriculture - Situation, Policies, and Pro- grams.....24677
Swine.....22850	Consumption and Utiliza- tion.....23997	Agriculture, Post- war.....24746
Breeds and Breeding...22850	Distribution, etc...23999	Subsidies.....24756
Feeds and Feeding...22862	Grading, etc.....24007	Cost and Standard of Living.....24762
Veterinary Medicine...22879	Prices.....24018	Farm Management and Land Economics.....24764
Miscellaneous.....22892	Processing and Stor- age.....24019	Bookkeeping and Records...24820
Entomology.....22901-23570	Statistics.....24043	Cost of Production..24821
General - Economic...22901	Feed and Forage Crops...24047	Farms - Number and Size.....24841
Apiculture and Apis Mellifera.....23008	Fibers and Textiles...24063	Land Settlement and Colonization.....24842
Colony Management...23068	Fruits, Vegetables, and Nuts.....24141	Land Tenure.....24867
Arachnida, Myriapods, Etc.....23097	Analysis and Composi- tion.....24180	Land Utilization...24879
Coleoptera.....23139	Consumption and Utiliza- tion.....24181	Land Values and Valua- tion.....24883
Diptera.....23220	Distribution, etc...24183	Population.....24892
Culicidae.....23311	Grading, etc.....24199	Rural Social Organiza- tion.....24899
Hemiptera (Heteroptera and Homoptera).....23351	Packing and Packaging....24200	Human Ecology.....24907
Hymenoptera.....23414	Prices, etc.....24201	Institutions.....24915
Lepidoptera.....23450	Processing and Stor- age.....24203	Leadership.....24974
Orthoptera.....23518	Grain and Grain Prod- ucts.....24270	Rural Organizations and Movements.....24975
Sericulture and the Silkworm.....23535	Honey and Beeswax....24312	Rural Social Psychology....25016
Smaller Orders.....23541	Livestock and Livestock Products.....24315	Trade, Foreign and Inter- national.....25020
Anoplura and Mallophaga...23564	Analysis and Composi- tion.....24349	Food and Human Nutrition....25049-25164
Agricultural Engineering.....23571-23786	Distribution, etc...24351	Food Habits.....25082
Farm Machinery.....23591	Grading, etc.....24360	Nutritive and Vitamin Content.....25084
Tillage Machinery...23627	Prices, etc.....24366	Miscellaneous.....25165-25238
Planting Machines and Fertilizer Distrib- utors.....23633	Processing and Stor- age.....24371	History and Biography...25192
Harvesting, Threshing, Drying, and Processing Equipment.....23638	Statistics.....24383	Inter-American Relations...25206
Trucks, Tractors, and Other Farm Power (In- cluding Fuels).....23680	Oils and Oilseeds.....24384	Meteorology.....25209
Farm Structures.....23706	Poultry and Poultry Products.....24452	Research.....25212
Farmhouses.....23709	Rubber and Rubber Sub- stitutes.....24484	Statistics.....25219
Service Buildings...23717	Seeds.....24488	New Periodicals and Serials.....25220
Storage Structures...23756	Sugar and Sirups.....24507	AUTHOR AND SUBJECT INDEXES.
Farm Utilities.....23766		
Materials and Methods....23782		
Agricultural Products: Processing, Distribution, and Statistics...23787-24569		
Analysis and Composi- tion.....23802		

U. S. D. A. Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B. - Bulletin; C. - Circular; J. - Journal; P. - Publication; Q. - Quarterly; U. - University; U. S. D. A. - U. S. Department of Agriculture; Ybk. - Yearbook; Z. - Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture, which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

MICROFILMS: 50 cents for any single article, from any single volume of a periodical. Books and Serial Publications.—50 cents for each 50 pages or fraction thereof.

PHOTOPRINTS: 50 cents for each 10 pages of text or fraction thereof.



PUBLICATIONS OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS, STATE AGRICULTURAL EXTENSION SERVICES, AND BOOKS AND PAMPHLETS FROM OTHER SOURCES

U. S. D. A. PUBLICATIONS

Includes printed and processed publications of the Department received in the library during the preceding month, except restricted publications and materials issued for internal administrative use rather than for public distribution.

Periodicals issued by the Department are listed in the June and December issues only; articles in them are indexed currently.

Printed publications may be obtained free upon application to the Office of Information, United States Department of Agriculture, Washington 25, D. C., as long as the Department's supply lasts. After this free distribution is exhausted, publications may be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Processed publications may ordinarily be obtained free of charge from the issuing bureau as long as the supply lasts.

Publications preceded by an asterisk (\*) are not available for distribution; microfilm or photoprint copies can be supplied at the cost of preparing them.

Agricultural Information Series

19879 COOKING with dried eggs. U. S. D. A. AIS-28, 16 p. 1945. 1 Ag84A1

Includes recipes.

19880 MITCHELL, H. C. Farm woodland management in the Western Gulf Region. U. S. D. A. AIS-29, 14 p. 1945. 1 Ag84A1

19881 MORE money for red clover seed. U. S. D. A. AIS-23. Folder. 1945. 1 Ag84A1

19882 7 questions to ask when you buy or sell shelled corn by grade. U. S. D. A. AIS-32. Folder. 1945. 1 Ag84A1

Agricultural War Information

19883 YOUTH lends a hand; Victory Farm Volunteers. U. S. D. A. AWI-116, 8 p. 1945. 1 Ag84Aw

Circulars

19884 BENNETT, C. A., HARMOND, J. E., and SHAW, C. S. Standard-density cotton-gin presses. U. S. D. A. C. 733, 16 p. 1945. 1 Ag84C

19885 CRIDER, F. J. Three introduced love-grasses for soil conservation. U. S. D. A. C. 730, 90 p. 1945. 1 Ag84C

Weeping lovegrass (*Eragrostis curvula*), Boer lovegrass (*E. chloromelas*), and Lehmann lovegrass (*E. lehmanniana*).

19886 DIEHL, H. C., and WARNER, K. F. Freezing to preserve home-grown foods. U. S. D. A. C. 709, 62 p. 1945. 1 Ag84C

19887 KLENME, D. E., and others. The deterioration of cotton fabric by certain micro-organisms. U. S. D. A. C. 737, 11 p. 1945. 1 Ag84C

G. A. Greathouse, K. Bollenbacher, and S. Pope, joint authors.

19888 LUTZ, J. M. Chilling injury of cured and noncured Porto Rico sweetpotatoes. U. S. D. A. C. 729, 8 p. 1945. 1 Ag84C

19889 NIXON, R. W. Date culture in the United States. U. S. D. A. C. 728, 44 p. 1945. 1 Ag84C

19890 REEHER, M. M. The wheat midge [*Sitodiplosis mosellana*] in the Pacific Northwest. U. S. D. A. C. 732, 8 p. 1945. 1 Ag84C

19891 SCHOENING, H. W., and CRAWFORD, A. B. Outbreak of vesicular stomatitis in swine and its differential diagnosis from vesicular exanthema and foot-and-mouth disease. U. S. D. A. C. 734, 14 p. 1945. 1 Ag84C

Discussion Series

19892 LET'S talk about farm leases and how they can be improved; a discussion guide for farm groups from the United States Department of Agriculture. U. S. D. A. DS-27, 8 p. 1945. 1 Ag86Ds

Farmers' Bulletins

19893 CROOKS, D. M., and KEPHART, L. W. Poison-ivy, poison-oak, and poison sumac: identification, precautions, eradication. U. S. D. A. Farmers' B. 1972, 30 p. 1945. 1 Ag84F

19894 DYKSTRA, T. P. Potato diseases and their control. U. S. D. A. Farmers' B. 1881, slightly rev., 65 p. 1945. 1 Ag84F

19895 KENDRICK, J. F. The dairy-herd-improvement association program. U. S. D. A. Farmers' B. 1974, 22 p. 1945. 1 Ag84F

19896 WESTOVER, H. L. Alfalfa varieties in the United States. U. S. D. A. Farmers' B. 1731, rev., 17 p. 1945. 1 Ag84F

Revision of and supersedes Farmers' Bulletin 1467, Commercial Varieties of Alfalfa.

19897 WILLIAMS, W. K. Farm buildings from home-grown timber in the South. U. S. D. A. Farmers' B. 1975, 18 p. 1945. 1 Ag84F

Interbureau Committee on Postwar Programs

19898 AGRICULTURAL cooperatives in the postwar period. 41 p., processed. 1945. 1.90 C2In8Poc  
Outlook for development; suggestions for constructive planning.

Miscellaneous Publications

19899 LIST of sires proved in dairy herd improvement associations, 1945. U. S. D. A. Misc. P. 563, 176 p. 1945. 1 Ag84M

19900 SCOTT, C. L., and HAGOOD, A. Knitwear make-overs. U. S. D. A. Misc. P. 575, 16 p. 1945. 1 Ag84M

19901 SLIDEFILMS of the U. S. Department of Agriculture. U. S. D. A. Misc. P. 566, 24 p. 1945. 1 Ag84M

Titles and prices.

19902 TOSTLEBE, A. S., and others. Impact of the war on the financial structure of agriculture. U. S. D. A. Misc. P. 567, 199 p. 1945. 1 Ag84M

D. C. Horton, R. J. Burroughs, H. C. Larsen, L. A. Jones, and A. R. Johnson, joint authors.

Originally issued in processed form in Sept. 1944. A brief printed summary was issued under the title, "Wartime Changes in the Financial Structure of Agriculture," Miscellaneous Publication 558, Feb. 1945.

Radio Broadcasts (Processed)

19903 HAMBIDGE, G. More and better bees. 3 p. Recorded Aug. 2, 1945. (Farm Sci. Serves the Nation No. 20) 1.914 R2F222

19904 HAMBIDGE, G. Science and sentiment in rabies control. 3 p. Recorded July 18, 1945. (Farm Sci. Serves the Nation No. 19) 1.914 R2F222

19905 MOORE, E. How an insecticide is developed. 2 p. Recorded Sept. 13, 1945. (Farm Sci. Serves the Nation No. 22) 1.914 R2F222

19906 STAGE, H. H., and BOND, C. A. Fighting insects in the home. 3 p. Aug. 25, 1945. (Your Home and Garden) 1.967 A2St1



- 19907 WHEELER, W. A. Grass seed outlook. 2 p. Sept. 8, 1945. ("Everybody's Farm" Hour) 1.956 G76W56
- 19908 WILSON, M. L. Farm labor plans for fall. 3 p. Recorded Aug. 14, 1945. (Farm Sci. Serves the Nation No. 21) 1.914 B2F222

#### Technical Bulletins

- 19909 MADDEN, A. H., and CHAMBERLIN, F. S. Biology of the tobacco hornworm [*Protoparce sexta*] in the southern cigar-tobacco district. U. S. D. A. Tech. B. 896, 51 p. 1945. 1 Ag84Te

#### Unnumbered Publications

- 19910 COMMUNITY food pools. 2 p., processed. 1945. 1.90 A2C73
- Utilizing excess garden and orchard products by contributing to community food pools.
- 19911 FACT sheet on fresh prunes. 2 p., processed. 1945. 1.90 A2F11
- 19912 FACT sheet on pears. 5 p., processed. 1945. 1.92 A2F112
- Includes production, distribution, transportation; how to use pears; canning.
- 19913 FACT sheet on potatoes. 2 p., processed. 1945. 1.90 A2F113
- Includes production, marketing, storage, movement.
- 19914 IT'S ALL yours. 16 p. 1945. 1.989 It6
- Activities of the USDA Welfare Association, Inc.
- 19915 MEETINGS; guide and source book. 29 p., processed. 1945. 1.90 A2M47
- Training meetings, U. S. D. A.
- 19916 MINUTES of meeting, Southeast Region Post-war Planning Committee, Atlanta, Georgia, April 24, 1945. 3 p., processed. Atlanta? 1945. 1.90 C2In8Pm
- Also various attachments dealing with health care and national health problems.
- 19917 REVISED bibliography of accounting material available from the Department of Agriculture Library, Washington, D. C. 6 p., processed. 1945. 1.90 A2R32
- Prepared and distributed by Fiscal and Accounting Officers' Conference, U. S. Department of Agriculture and War Food Administration.
- 19918 REVISED bibliography of auditing material available from the Department of Agriculture Library, Washington, D. C. 3 p., processed. 1945. 1.90 A2R322
- Prepared and distributed by Fiscal and Accounting Officers' Conference, U. S. Department of Agriculture and War Food Administration.
- 19919 SHEA, J. P. The group approach - how to analyze natural human groups and find natural leaders. 10 p., processed. 1945. 1.90 A2Sh3
- Condensation of a talk to the U. S. D. A. Regional Staff in Milwaukee.
- Also a condensed review issued April 17, 1945. 12 p. 1.90 A2Sh3

#### AGRICULTURAL ADJUSTMENT AGENCY

- 19920 AAA; A REVIEW, a look ahead. 7 p., processed. 1945. 1.42 N75Aar
- Reviews national farm legislation still in force.
- 19921 CONSERVATION materials and services furnished under the Agricultural Conservation Program. 19 p., processed. 1945. (WD-70, Including Sup. 1 and 2) 1.42 W52Wd
- Issued by the Western Division.
- 19922 DUSTING or spraying peanuts. 1 p., processed. 1945. 1.42 Ad4Ds9
- U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering and Extension Service cooperating.
- 19923 FARMERS, to increase production your Government will share the cost of fertilizer to the amount of your AAA soil building allowance. Poster. 1945? 1.8 Ag87F
- Credit rates.

- 19924 HARVESTING and curing peanuts. 11 p., processed. 1945. 1.42 Ad4Ha
- Suggested announcements and script for broadcasts.
- 19925 INSTRUCTIONS for determining performance; State and county office procedure. 7 p. 1945. (NER-928) 1.42 N76F
- Conservation practices and materials.
- 19926 INSTRUCTIONS for inspecting a stock pond, dam, or reservoir. 8 p., processed. 1945. 1.42 So8In
- Issued by Southern Division.
- 19927 INSTRUCTIONS for preparation and handling of applications for payment under the 1945 Agricultural Conservation Program - North Central Region. 16 p. 1945. (NCR-923) 1.42 N75B
- 19928 1944 annual report: [agricultural conservation and related programs]. 9 Nos., processed. n. d. 1.42 W52An
- Titles vary slightly. Reports for Arizona, 42 p.; Colorado, 49 p.; Idaho, 69 p.; Kansas, 83 p.; Nevada, 35 p.; Montana, 56 p.; New Mexico, 48 p.; Oregon, 86 p.; Washington, 69 p.
- 19929 1945 - Agricultural Conservation Program; supplement No. 3. 1 p., processed. 1945. 1.42 Ad4AcB
- Flaxseed goals by States.
- 19930 1945 Agricultural Conservation Program, Western Region. 4 p., processed. 1945. (WR-913, Pt. I, Oreg. Sup.) 1.42 W52F
- Instructions for checking and reporting performance.
- 19931 NUMBER of farms growing wheat. Map. n. d. 1.42 Ad4Nu
- Based on Census data.
- 19932 ORGANIZING crop insurance sales. 18 p., processed. 1945. 1.42 Ad4Orc
- 19933 THE OUTLOOK for feed grain supplies. 3 p., processed. 1945. 1.42 Ad4Ou
- 19934 PRELIMINARY summary of conservation practices carried out under the 1944 Agricultural Conservation Program. 45 p., processed. 1945. 1.42 Ad4Ps
- 19935 PROCEDURE for county and State offices in furnishing conservation materials and services. 32 p. 1945. (NCR-46-60) 1.42 N75B
- 19936 SHEEP and lamb production payment program. 4 p., processed. 1945. 1.42 Ad4ShL
- 19937 SHEEP and lamb production program; State and county office instructions. 16 p., processed. 1945. (S. & L. P.-1) 1.42 Ad4Sh
- Includes production payments.
- 19938 SOME hints on harvesting and curing peanuts. 4 p., processed. 1945. 1.42 Ad4Sug
- Suggested script for broadcast.
- 19939 SUMMARY: livestock numbers; estimated meat production; prospective meat production; marketing situation; Federally-inspected slaughter. 1 p., processed. 1945. 1.42 Ad4SuL
- 19940 TECHNICAL instructions for checking forage utilization. 8 p. 1945. (WD-68) 1.42 W52Wd
- Methods used to measure range utilization and to establish standards of use that will be acceptable for practice payments on range land in the Agricultural Conservation Program.

#### AGRICULTURAL AND INDUSTRIAL CHEMISTRY, BUREAU OF

- 19941 COMMERCIAL preparation and freezing preservation of sliced apples. U. S. Bur. Agr. and Indus. Chem. West. Region. Res. Lab. AIC-57, rev., 7 p., processed. Albany, Calif., 1945. 1.932 A2Ag82
- 19942 REPORT of studies of uniformity of quality of sugars. U. S. Bur. Agr. and Indus. Chem. AIC-93, 45 p., processed. New Orleans, 1945. 1.932 A2Ag82
- Part I, Chemical and physical studies on beet sugars of the 1944 campaign, by C. A. Fort and S. Byall.
- Part II, Biological studies of sugars, by H. H. Hall and D. J. Teunissen.



19943 UNITED STATES manufacturers of equipment for processing cottonseed and peanuts into oils, meal, and byproducts. U. S. Bur. Agr. and Indus. Chem. AIC-98, 7 p., processed. New Orleans, South. Region. Res. Lab., 1945. 1.932 A2Ag82

#### AGRICULTURAL ECONOMICS, BUREAU OF

- 19944 ALABAMA cotton; estimated acreage, yield, and production, 1928-1943, by counties. 17 p., processed. Montgomery, 1945. 1.941 H2C823  
Alabama Department of Agriculture and Industries, Division of Agricultural Statistics cooperating.
- 19945 ANDERSON, A. H. Rural communities and neighborhoods in the Northern Great Plains. 12 p., processed. Lincoln, 1944. 1.941 R7R883
- 19946 BAILEY, W. R. Farming in the Lake States cut-over region as represented by Carlton County, Minnesota; a preliminary report. 46 p., processed. Milwaukee, 1945. 1.941 P2F222
- 19947 CARRY-OVER of 41 out of 50 vegetable seeds larger than in 1944 and also above average. 2 p., processed. 1945. 1.941 S2V523
- 19948 CHARTS relating to the cotton situation. 33 p., processed. 1944. 1.9 Ec752F  
Supplement to The Cotton Situation; an Analysis and Statement of the Statistics Relating to Cotton, 1919-1944, prepared by O. V. Wells, M. R. Cooper, and H. G. Porter for the Special Committee of the House Committee on Agriculture on Post-War Farm Programs Hearings on Dec. 4, 1944.
- 19949 CURRENT economic problems in agriculture; publications of the Bureau of Agricultural Economics of interest to Grange lecturers. 2 p., processed. 1945. 1.9 Ec7Cue
- 19950 GOTH, A. G. Mechanization: present and future; tractors and attachments in four sample areas, Northern Great Plains region. 8 p., processed. Lincoln, 1945. 1.941 A2M46
- 19951 HAYGOOD, T. F. Postwar Federal finance and agriculture. 31 p., processed. 1945. 1.941 A5P847  
Farmers' interest in Federal finance; postwar influences; reconversion problems; postwar Federal taxation, expenditures, and debt.
- 19952 HENDRICKS, W. A., and TOWNSEND, J. C. Adjustment of acreage estimates for variability in the reported farm size. 6 p., processed. 1945. (C. R. P. 20) 1.9 Ec71Crp  
The 20th of a series of discussions of crop reporting procedure.
- 19953 HONEY report, July 1945. 2 p., processed. 1945. 1.941 S8H7b  
Includes colonies of bees by States, 1944 and 1945; condition of colonies; condition of nectar plants.
- 19954 HYBRIDS earn increasing popularity. 4 p., processed. 1945. 1.941 H2C814  
Includes corn acreage planted by States.
- 19955 LARSEN, H. C. Distribution by lender groups of farm-mortgage and real estate holdings, January 1, 1930-45. 69 p., processed. 1945. 1.941 F4D63
- 19956 LONGMORE, T. W., and VAUGHAN, T. L. Cass County rural health service, Cass County, Texas, 1942-44. 117 p., processed. Little Rock, 1945. 1.941 R7C27
- 19957 LONGMORE, T. W. Watson, Arkansas; effect of war in a Mississippi Delta community. 27 p., processed. Little Rock, 1945. 1.941 A5W33  
Cultural changes.
- 19958 MORE turkeys again this year. 4 p., processed. 1945. 1.941 S2T8432
- 19959 NIEDERFRANK, E. J. The Massachusetts hill towns in wartime. 26 p., processed. Upper Darby, Pa., 1945. 1.941 R5M38  
Participation in war programs; effects of the war on population, economy, organizations, and institutions; the hill towns in the future.

19960 NORTHEAST agricultural trends, 1909-44; national and regional trends of major significance to Northeast agriculture. 16 p., processed. Upper Darby, Pa., 1945. 1.941 A2N81  
Charts and tables.

- 19961 PARKER, C. O., and ROYSTON, R. Usual dates of planting and harvesting commercial truck crops for fresh market, by seasonal groups and States. 65 p., processed. 1945. 1.941 M1C732
- 19962 PHILLIPS, S. J. Summary: support prices of the War Food Administration for 1944. 10 p., processed. 1945. 1.941 F3Su6
- 19963 PRODUCTION and distribution of meat scraps and tankage, July 1944-March 1945. 4 p., processed. 1945. 1.941 S8P94
- 19964 PRODUCTION of dry beans and dry peas by kinds. 2 p., processed. 1945. 1.941 S2B372
- 19965 PRODUCTION of 10 out of 15 vegetable seeds indicated below March expectations and smaller than 1944 crops. 2 p., processed. 1945. 1.941 S2V5222
- 19966 PUBOLS, B. H., and KLAMAN, S. B. Farmers' response to price in the production of potatoes, 1922-41. 10 p., processed. 1945. 1.941 H2P93
- 19967 RUSH, J. D. Analysis of 7,851 fatal farm-work accidents in the United States, 1940-43. 9 p., processed. 1945. 1.941 H22An1
- 19968 STONECIPHER, H. V., and DUNN, D. Farm real estate market activity, Western Region, 1941-44. 45 p., processed. Berkeley, 1945. 1.941 L8F22
- 19969 TOLLEY, H. R., and TAEUBER, C. Wartime developments in agricultural statistics. 15 p., processed. 1945. 1.941 H3W26  
Published in Amer. Statis. Assoc. Jour. 39(228): 411-427. Dec. 1944. 251 Am3
- 19970 WALRATH, A. J. Settlement opportunities on undeveloped lands in Massachusetts. 19 p., processed. Upper Darby, Pa., 1945. 1.941 L4S67  
Massachusetts Agricultural Experiment Station co-operating.

#### AGRICULTURAL RESEARCH ADMINISTRATION

- 19971 DARROW, G. M. Improvement of the wild blueberry. 2 p., processed. 1945. (R. A. S. 44 (P)) 1.98 R31
- 19972 DOYLE, C. B. One-variety-cotton communities provide for superior cotton fabrics. 2 p., processed. 1945. (R. A. S. 45 (P)) 1.98 R31
- 19973 SUGGESTIONS regarding the use of DDT by civilians. 10 p., processed. 1945. 1.98 Su3
- 19974 VITAMIN determinations; methods and recommendations. 31 p., processed. 1945. 1.98 V83  
Compiled for the guidance of research workers in the Agricultural Research Administration.

#### ANIMAL INDUSTRY, BUREAU OF

- 19975 CHANGES in the National Turkey Improvement Plan. (Adopted at the 1945 meeting of the Emergency Executive Committee.) 5 p., processed. 1945. 1.972 A2C36
- 19976 HALL, W. J., MACDONALD, A. D., and LEGENHAUSEN, D. H. Observations on fowl typhoid in the Delmarva area. 2 p., processed. 1945. 1.972 P20b7  
Presented at the 17th Annual Conference of Laboratory Workers in Pullorum Disease Control, Kingston, R. I., June 14, 15, 1945.
- 19977 SOME references on equitation, riding, and training. 1 p., processed. n. d. 1.972 A2S65

#### COMMODITY CREDIT CORPORATION

- 19978 AGREEMENT extending the contract between Commodity Credit Corporation and refiners of cane sugar in continental United States. 5 p., processed. 1945. 1.957 Ag82



- 19979 BYLAWS of Commodity Credit Corporation, as amended August 20, 1945. 8 p., processed. 1945. 1.957 B99
- 19980 CCC PURCHASE of potatoes in storage. 2 p., processed. 1945. 1.956 A2C11
- 19981 CATALOGUE, Egyptian and Sudanese cotton... owned by Commodity Credit Corporation. Rev., 9 p., processed. 1945. 1.957 C28
- 19982 FACT sheet on sugar. 3 p., processed. Pittsburgh, 1945. 1.957 Su7F114
- 19983 GENERAL instructions to crushers operating under 1945 Peanut Program Crusher Contract. 5 p., processed. 1945? (1945 CCC Peanut Form-302A) 1.957 P314
- 19984 GENERAL instructions to shellers operating under 1945 Peanut Program Sheller Contract. 5 p., processed. 1945? (1945 Crop CCC Peanut Form-301A) 1.957 P314
- 19985 INSTRUCTIONS to chemists approved by Commodity Credit Corporation to make chemical analyses of peanut kernels for use in determining adjustments of base prices in accordance with Section 5 of the 1945 Peanut Program Crusher Contract, CCC Peanut Form 302. 4 p., processed. 1945? (1945 Crop CCC Peanut Form 302B) 1.957 P314
- 19986 INSTRUCTIONS to seed dealers operating under 1945 Peanut Program Seed Dealer Contract. 5 p., processed. 1945? (1945 Crop CCC Peanut Form-303A) 1.957 P314
- 19987 METHOD of sampling and inspecting farmers' stock peanuts, runner type under the 1945 Peanut Program. 2 p., processed. 1945? (CCC Peanut Form-313B) 1.957 P314
- 19988 METHOD of sampling and inspecting farmers' stock peanuts, Virginia type under the 1945 Peanut Program. 2 p., processed. 1945? (CCC Peanut Form-313A) 1.957 P314
- 19989 METHOD of sampling and inspecting farmers' stock peanuts - white Spanish and Valencia under the 1945 Peanut Program. 1945? (CCC Peanut Form 313) 1.957 P314
- 19990 METHOD of sampling and inspecting farmers' stock - white Spanish peanuts under the 1944 Peanut Program. 1 p., processed. 1944. (CCC Peanut Form-213) 1.957 P314
- 19991 MORTGAGE supplement (1945 soybeans). 3 p., processed. 1945. (C. C. C. Commodity Form AA) 1.957 G763
- 19992 1945 Wool Purchase Program; approved handlers [of] (shorn wool). 4 p., processed. 1945. 1.957 B3W88
- Also a supplement listing association-members of the National Wool Marketing Corporation.
- 19993 SCHEDULE of base loan rates by counties for farm-stored cotton - 1945 Cotton Loan Program (rates expressed in cents per pound, gross weight, basis middling white and extra white 15/16-inch cotton. 4 p., processed. n. d. 1.957 Sch22
- 19994 [WHEAT flour export program.] 2 p., processed. 1945. (1945 C. C. C. Flour Export Program... Instructions No. 1, Sup. 2) 1.957 B3C11
- COMMODITY EXCHANGE AUTHORITY
- 19995 VOLUME of futures trading of regulated commodities, all contract markets combined, for 11-month period, July-May 1943-44 and 1944-45. 1 p., processed. 1945. 1.942 A8V88
- ENTOMOLOGY AND PLANT QUARANTINE, BUREAU OF
- 19996 BALL, J. C., and YOST, H. E. Salt and borax dispenser. 1 p., processed. n. d. 1.967 P3Sa3
- Construction of a mechanical device used to fill small paper bags.
- 19997 BENEDICT, W. V., and HARRIS, T. H. White pine blister rust control in California and Oregon. 18 p., processed. Oakland, Calif., Pacific Coast Region. Off., 1945. 1.967 A2W582
- 19998 ENTRY of oranges, grapefruit, and Manila mangoes from Mexico authorized after treatment. 2 p., processed. 1945. (B. E. P. Q. 542) 1.9 F73
- 19999 HESSIAN fly survey at harvesttime 1945. U. S. Bur. Ent. and Plant Quar. Insect Pest Survey. Spec. Sup. (1945, No. 6), 3 p., processed. Sept. 15, 1945. 1.9 En831B
- Summarized by W. B. Cartwright.
- 20000 HUNT, N. R., HUNT, J., and SANFORD, H. L. List of intercepted plant pests, 1944. 37 p. 1945. 1 F31S
- List of pests recorded during the period July 1, 1943, to June 30, 1944, inclusive, as intercepted in, on, or with plants and plant products entering United States territory.
- 20001 NOTICE of public hearing to consider advisability of extending the gypsy moth [*Porthetria dispar*] and brown-tail moth [*Nygmæa phaeorrhoea*] quarantine to include the State of New York, and to consider the quarantine status of an isolated infestation in the State of Pennsylvania. 1 p., processed. 1945. 1.91 A2N84
- 20002 ORR, L. W., and WYGANT, N. D. Experiments in the use of DDT and other insecticides for control of the spruce budworm [*Archips fumiferana*] in Colorado in 1944. U. S. Bur. Ent. and Plant Quar. E-669, 10 p., processed. 1945. 1.9 En83
- 20003 OUTLOOK for supplies of DDT insecticides. 1 p., processed. 1945. 1.967 A2Ou8
- 20004 RESTRICTIONS of Japanese beetle [*Popillia japonica*] quarantine on cut flowers, fruits, and vegetables discontinued for the season. 1 p., processed. 1945. (B. E. P. Q. 541) 1.9 F73
- 20005 RULES and regulations of Bureau of Entomology and Plant Quarantine... Effective December 31, 1944. p. 334-371. 1945. 1 En86R
- 20006 WHITE pine blister rust control. 11 p., processed. 1945? 1.967 A2W58
- 20007 WHITTEN, R. R. Preliminary experiments with DDT in 1944 for the control of the smaller European elm bark beetle [*Scolytus multistriatus*]. U. S. Bur. Ent. and Plant Quar. E-670, 12 p., processed. 1945. 1.9 En83
- EXPERIMENT STATIONS, OFFICE OF
- 20008 NATIONAL Cooperative Project, Conservation of Nutritive Values of Foods; historical background and progress. 2 p., processed. 1945. 1.912 H622
- 20009 SMITH, S. L. History of the National Cooperative Project, Conservation of the Nutritive Values of Foods. 23 p., processed. 1945. 1.912 H623
- EXTENSION SERVICE
- 20010 AITON, E. W. Men and women of tomorrow; progress and achievements of the 4-H Clubs of America. U. S. Ext. Serv. Ext. Serv. C. 433, 17 p., processed. 1945. 1.9 Ex893Esc
- 20011 COLOR slides on insects. 4 p., processed. n. d. 1.913 M3C71
- 20012 CRESSWELL, M. Opportunities farming in the South offers or could offer rural young men and women as a business and as a way of life. 5 p., processed. 1945. 1.913 O2Op5
- Presented at the regional Administrative Conference of State extension directors of the Southern States at New Orleans, Feb. 26, 1945.
- 20013 ENSMINGER, D. If I were a rural pastor. 3 p., processed. 1945. 1.913 A2En7
- What the church should know about the social and economic life of the community.
- 20014 ENSMINGER, D. Social organization for extension education. 5 p., processed. 1945. 1.913 A2En7
- Outline of talk before the Maine Extension Conference, University of Maine, July 10-12, 1945.



- 20015 THE 4-H challenge ahead. 1 p., processed. 1945. 1.913 F3F8262
- 20016 FOURTEEN basic features of cooperative extension work for consideration in development of a statement on its purpose and scope of operations. 2 p., processed. 1945. 1.913 A2F82
- 20017 HIRED farm workers in the United States. 10 p., processed. 1945. 1.913 E2H61
- Problems and a suggested line of action by a named committee.
- 20018 HOW TO reach more homemakers with information on work simplification. 5 p., processed. 1945. 1.913 H3H833
- 20019 INFORMATION services furnished by various agencies and bureaus in the United States Department of Agriculture. 12 p., processed. 1945. 1.913 A2In32
- 20020 ING WALSON, K. W. How leaders help 4-H members learn at meetings. 3 p., processed. 1945. 1.913 F3H832
- For use at 4-H leader meetings and workshops.
- 20021 ING WALSON, K. W. The local leader's relationship to the 4-H Club. 2 p., processed. 1945. 1.913 F3L782
- 20022 ING WALSON, K. W. Why young people behave as they do. 4 p., processed. 1945. 1.913 F3W62
- Hints for 4-H Club leaders.
- 20023 JANS, F. C. Comments on recent field trip to 8 western States. 3 p., processed. 1945. 1.913 A2C73
- Extension activities.
- 20024 LIST of State extension directors, June 1945. 2 p., processed. 1945. 1.9 Ex892Ls
- 20025 MATERIALS available on postwar agriculture. 1 p., processed. 1945. 1.913 A2M41
- 20026 MITCHELL, J. W. Report...to the Federal Staff Conference, Washington, D. C., July 2, 1945. 6 p., processed. 1945. 1.913 F5R29
- Highlights of the South-Wide Conference of State and District Supervisors of Extension Work with Negroes, Washington, D. C., June 23-28, 1945.
- 20027 NAMES and addresses of State supervisors, emergency farm labor. 3 p., processed. 1945. 1.913 E2N153
- 20028 NATIONAL advisory group on 4-H postwar programs; a progress report. 8 p., processed. 1945. 1.913 F3N215
- 20029 1940 census rural-farm Negro and rural Negro youth, ages 10-19, and 4-H Club Negro enrollment, ages 10-20, for the years 1941, 1942, 1943, 1944. 1 p., processed. 1945. 1.913 N2R88
- 20030 PITTMAN, C. W. E. Atlantic coast migratory movement, 1944. 10 p., processed. 1945. 1.913 E2At62
- Agricultural labor.
- 20031 PLAN for cooperative action involving State employment security agencies, United States Employment Service, and the Extension Service farm labor program for handling displaced war workers and veterans. 2 p., processed. 1945. 1.913 E2P692
- 20032 PORTER, H. W. Cooperative extension work in agriculture and home economics. U. S. Ext. Serv. Ext. Serv. C. 431, 25 p., processed. 1945. 1.9 Ex892Ls
- Extension activities and accomplishments, 1944.
- 20033 RELATIVE frequency with which methods were reported by farmers and homemakers as having influenced changes in practices. 1 p., processed. 1945. 1.913 A2R27
- 20034 REPORT of Central States sectional extension conferences on rural youth. 17 p., processed. 1945. 1.913 C3C2322
- Held in three sections at La Fayette, Ind., Mar. 19-20; Minneapolis, Minn., Mar. 22-23; Kansas City, Mo., Mar. 26-27.
- 20035 REPORT of Committee on Mobilization of Negro Labor to Produce and Harvest Agricultural Products Necessary to the Prosecution of the War. 3 p., processed. 1945. 1.913 E2R293
- 20036 REPORT of the South-wide Conference of State and District Supervisors of Extension Work with Negroes, Washington, D. C., June 23-28, 1945. 41 p., processed. 1945. 1.913 C3So822
- Problems discussed include the role of Extension Service in the postwar cotton program, wartime food production and conservation for home use, a program for farm youth, assistance for veterans and displaced war workers, a conversion program for the cotton South, and rural health.
- 20037 A REPORT of workshop to study methods of evaluating extension programs...University of Chicago...March 12-24, 1945. 84 p., processed. 1945. 1.913 A2R2932
- 20038 ROKAHR, M. Current report on rural housing programs. 3 p., processed. 1945. 1.913 H3C93
- 20039 RURAL recreation service by National Recreation Association. 1 p., processed. 1945. 1.913 R3R88
- 20040 SOME principles of county program planning. 2 p., processed. n. d. 1.913 C2So5
- 20041 SOME statements on 4-H Club work by the Nation's leaders. 5 p., processed. 1945. 1.913 F3So53
- 20042 SOUND financial planning by the farm family. 4 p., processed. 1944. 1.913 E2So8
- Farm Credit Administration cooperating.
- 20043 SPOTS [illustrations] for extension letters and publications. 16 p., processed. n. d. 1.913 A2Sp6
- 20044 TULLER, MRS. M. H. "Wyoming's house planning workshops." 3 p., processed. 1945. 1.913 H3W99
- Excerpts from a letter dated May 21, 1945, on small group meetings of farm families to discuss desirable features in rural houses and furniture arrangement.
- 20045 TURNER, R. A. Chronological notes regarding the Extension Subcommittee on 4-H Club Work. 6 p., processed. 1945. 1.913 F3C46
- A Subcommittee of the Committee on Extension Organization and Policy of the American Association of Land-Grant Colleges and Universities.
- 20046 USDA information materials sent to State extension services. 5 p., processed. 1945. 1.913 I2Un3
- 20047 WARNER, K. F. Subject-matter specialists help train inexperienced farm labor. 2 p., processed. 1945. 1.913 E2Sul
- Outline of the job of thinning beets is included.
- 20048 WILLIAMSON, H. H. The postwar extension highway. 6 p., processed. 1945. 1.913 A2W67
- Talk before a State-wide conference of South Carolina Extension workers, Clemson, Aug. 16, 1945.

## FARM CREDIT ADMINISTRATION

- 20049 GESSNER, A. L. Cooperative possibilities in freezing fruits and vegetables. U. S. Farm Credit Admin. Misc. Rpt. 84, 60 p., processed. Kansas City, 1945. 166.3 M68
- 20050 GET YOUR debts in shape. 5 p., processed. Kansas City? 1944. 1.95 G33
- From an unpublished manuscript by L. W. Reynolds, B. Van Heulen, and J. L. Robinson.
- 20051 NUMBER and amount of loans made from May 1, 1933 through June 30, 1945, and loans outstanding June 30, 1945. 10 p., processed. Kansas City, 1945. 166.2 M76
- Semiannual report.
- 20052 THE PRODUCTION credit system; its purpose, method of operation, and progress. 12 p. Kansas City, 1945. 1.955 A2P94
- 20053 SAMUELS, J. K. Wartime selling of fruits and vegetables. U. S. Farm Credit Admin. Misc. Rpt. 86, 31 p., processed. Kansas City, 1945. 166.3 M68
- Includes grading and packing, sales practices, distribution, prices and margins, cooperative association membership relations.



## FARM SECURITY ADMINISTRATION

20054 DIGEST of legislative action relating to FSA part of the 1946 Agriculture Appropriation Bill. 5 p., processed. 1945. 1.95 D56

Includes a summary of the bill as passed.

20055 FSA'S experience in the construction of cotton houses, Region V. 8 p., processed. Montgomery, Ala., 1944. 1.9505 F11

20056 HUDGENS, R. W. Safeguarding farm loans for veterans. 3 p., processed. 1945. 1.95 Ad8H

Remarks at round-table discussion of the National Rehabilitation Committee of the American Legion, Washington, D. C., Feb. 7, 1945.

20057 REPORTS of debt payments by farm ownership borrowers as of March 31, 1945. 15 p., processed. 1945. 1.95 T25Rd

20058 THE STATUS of the active standard RR [rural rehabilitation] family in 1943. 18 p., processed. 1945. (1943 Family Progress Rpt. No. 9. Sup.) 1.95 F21

Includes farm and family characteristics, assets, liabilities, net worth, RR loan data, income, and expenses.

20059 THE STATUS of the tenant family in 1943 by size of TP loan. 13 p., processed. 1945. 1.95 Pr6S

Preliminary release. Includes farm and family characteristics and land resources, assets, liabilities, net worth, TP loans, income, and expenses.

20060 WOOD, I. D. First aid for the irrigator 37 p., processed. 1945. 1.95 En3F

Details of water application, structures, and equipment shown in illustrations.

20061 WORCESTER, C., and HUDGENS, R. W. Farm loans for veterans. 3 p., processed. 1945. 1.95 Ad84

Radio interview, July 7, 1945.

## FEDERAL CROP INSURANCE CORPORATION

20062 FCIC flax handbook for the agent. 14 p., processed. 1945. 1.952 F315

Provisions of the 1946 flax crop insurance program.

20063 INSURANCE written on 1945 crops. 2 p., processed. 1945. 1.952 In72

Cotton, flax, and spring wheat insured on a Nation-wide basis, by States; corn and tobacco on a trial basis, by counties.

20064 SELLING crop insurance. 8 p. 1945. (FCI-Information-28) 1 C881

## FOREIGN AGRICULTURAL RELATIONS, OFFICE OF

20065 AGRICULTURAL courses offered by land grant colleges offering financial aids to Latin American students as of Nov. 1944. 1 p., processed. n. d. 1.943 Ag8

20066 DAVIS, F. E., and JOHNSON, E. H. Reduced meat output in Canada and efforts to maintain high exports. 7 p., processed. 1945. 1.943 R24

20067 THE FOOD situation in continental Europe, the Mediterranean area, and the Soviet Union in 1944-45. 11 p., processed. 1944. 1.943 F732

Just released.

20068 FOREIGN trade of the United States in agricultural products by commodity and by country, 1940-41 to 1942-43. 71 p., processed. 1944. 1.943 F762

Just released.

20069 IMPORTS of fruits and vegetables under quarantine by countries and ports of entry, July-June 1943-44. 9 p., processed. 1945. 1.943 Im7

20070 JOHNSON, E. H. Argentina's meat output in 1945 to be smaller than 1944 record level. 13 p., processed. 1945. 1.943 Ar3

20071 MOYER, R. T. Interest of the United States in a development of China's agriculture. 6 p., processed. n. d. 1.943 In8

20072 NUTTONSON, M. Y. Climatology of Norway and its climate parallels in North America. 6 p., processed. 1945. 1.943 C61

20073 PURVES, C. M. How Allied countries responded to war food needs, 1942-44. 13 p., processed. 1945. 1.943 H83

Production and exports.

20074 ROSSITER, F. J., and WILLAHAN, L. T. World rice production and trade...annual report. 37 p., processed. 1945. 1.943 W89

20075 SCHREIBER, W. R. Indian cashew crop larger than last year. 2 p., processed. 1945. 1.943 In2

Estimated production; export prices at end of June at Madras.

20076 SCHREIBER, W. R. Southern Hemisphere dried-prune production. 5 p., processed. 1945. 1.943 So8

20077 TANNOUS, A. I. Background for project on agricultural collaboration with Middle East. 11 p., processed. 1945? 1.943 B12

Touches on agriculture as practiced and the need for agricultural development.

## FOREST SERVICE

20078 AIRPLANE safety rules. 7 p., processed. 1945. 1.962 A2A17

20079 BETTS, H. S. American woods. 8 Nos. 1945. 1.9 F76Am

Black locust (*Robinia pseudoacacia*). 5 p. July.

Chestnut. 6 p. July.

Magnolia. 6 p. July.

Persimmon. 4 p. July.

Redwood (*Sequoia sempervirens*). 6 p. July.

Sitka spruce (*Picea sitchensis*). 5 p. July.

Sugar pine (*Pinus lambertiana*). 6 p. July.

Sweetgum (*Liquidambar*). 6 p. July.

20080 BRAY, M. W., and MARTIN, J. S. High-yield sulfate and soda semichemical pulps from selected southern hardwoods and southern yellow pine for the production of paperboards. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1491, 9 p. Madison, 1944. 1.9 F761R

Wisconsin University cooperating.

20081 BRAY, M. W. Possibilities of hardwoods for pulping. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1490, 7 p. Madison, 1944. 1.9 F761R

Wisconsin University cooperating.

20082 BRUCH, W. D. Foreign woods. 1 No., processed. 1945. 1.9 F76Two

Balsa (*Ochroma lagopus*). 14 p. April.

20083 CAMP cookery. 4 p., processed. n. d. 1.9 F796Cc

20084 COOKING over the camp-fire. 24 p., processed. 1945. 1.962 A2C77

Food supply; equipment; recipes; references.

20085 DAVIS, E. M. Waste in veneer manufacture. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1493, 4 p. Madison, 1945. 1.9 F761R

Wisconsin University cooperating.

20086 DOUD, MRS. F. All aboard the forestry special! 5 p., processed. 1945. 1.962 A2AL5

A playlet on forest protection.

20087 EICKNER, H. W. Durability of glue joints between blocks of compreg and of compreg and wood. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1536, 10 p. Madison, 1945. 1.9 F761R

U. S. Army-Navy-Civil Committee on Aircraft Design Criteria and Wisconsin University cooperating.

20088 ESTIMATE of fur-bearing animals on National forests as of December 31, 1944. 6 p., processed. 1945? 1.9 F76Est

20089 ESTIMATED U. S. production of and requirements for fuel wood by regions. 2 p., processed. 1945. 1.962 A2Es822



- 20090 GUSS, C. O. Acid hydrolysis of waste wood for use in plastics. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1481, 23 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.
- 20091 HALL, J. A. Forests and foods. 8 p., processed. n. d. 1.962 F3F76  
Food from trees - sugar and yeast.
- 20092 HEEBINK, B. G. Some methods of gluing light laminated or plywood curved shapes from veneer. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1485, 6 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.
- 20093 HEINTZLEMAN, B. F. Policies and procedures governing the acquisition and use of lands in the national forests of Alaska. 5 p., processed. Juneau, 1945. 1.9621 R10F75
- 20094 KAUFERT, F. H., and HUTCHINS, W. F. Experiments on the gluing of wood treated with oil solutions of chlorophenols. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1484, 10 p. Madison, 1945. 1.9 F761R  
Wisconsin University and the War Production Board, Office of Production Research and Development cooperating.
- 20095 KRAUCH, H. Estimates of the 1945 pinyon nut crop in Arizona and New Mexico. U. S. Forest Serv. Southwest. Forest and Range Expt. Sta. Res. Note 112, 7 p., processed. Tucson? 1945. 1.9 F7621R
- 20096 LASSEN, L., KELLICUTT, K. Q., and SANDERSON, W. J. Development of a procedure for the determination of the properties of cushioning materials and their application in the design of cushions. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1489, 47 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.  
For use in packages.
- 20097 LEBARROW, R. K. Annotated bibliography of black spruce. 10 p., processed. St. Paul, Lake States Forest Expt. Sta., 1945. 1.9622 L2An7
- 20098 LEWIS, W. C., HEEBINK, T. B., and COTTINGHAM, W. S. Effect of increased moisture content on the shear strength of glue lines of box beams and on the glue-shear and glue-tension strengths of small specimens. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1551, 23 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.
- 20099 LIST of publications on the seasoning of wood. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R446, 22 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.
- 20100 MCGOVERN, J. N. Semichemical pulp. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1477, 4 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.
- 20101 MCNAUGHTON, G. C., and VAN KLEECK, A. Fire resistance tests of a commercial blanket insulation. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1488, 9 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.  
Wood-fiber blanket insulation.
- 20102 MATTOON, W. R. Care of trees; how to revive feeble or sickly trees. 2 p., processed. n. d. 1.962 A2C18
- 20103 NATIONAL forest campgrounds and picnic areas. 2 p., processed. 1945. 1.962 A2N213
- 20104 OLSON, W. Z. Effect of closed assembly time on joint strength in gluing with low-temperature-setting phenol, resorcinol, and melamine glues. U. S. Forest Serv. Forest Prod. Lab. Mimeog. 1535, 16 p., processed. Madison, 1945. 1.9 F761R  
U. S. Army-Navy-Civil Committee on Aircraft Design Criteria and Wisconsin University cooperating.
- 20105 OUTLETS for wood waste; a general statement of actual and potential uses of various kinds of wood waste. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R54, rev., 25 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.
- 20106 PARTIAL list of Government publications of interest to architects, builders, engineers, and retail lumbermen. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1081, rev., 19 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.
- 20107 PECK, E. C. The seasoning of transverse tree sections. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1187, rev., 14 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.
- 20108 REINEKE, L. H. Wood flour. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R565, rev., 19 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.
- 20109 SMITH, H. H. Furnace-type lumber dry kiln; operation of an experimental unit. U. S. Forest Serv. Forest Prod. Lab. R1474-A, 16 p. Madison, 1945. 1.9 F761R  
Wisconsin University and War Production Board, Office of Production Research and Development cooperating.
- 20110 SPARHAWK, W. N. Notes on forests and trees of the Central and Southwest Pacific area. 78 p., processed. n. d. Ref. p. 75-78. 1.962 F4N84
- 20111 SUMMARY of the distribution of forest planting stock by cooperating States for calendar year 1944. 1 p., processed. 1945? 1.9 F7681S
- 20112 TEESDALE, L. V., and GIRARD, J. W. Wood utilization in Puerto Rico. U. S. Forest Serv. TP-21, 56 p., processed. 1945. 1.962 A2W852
- 20113 U. S. FOREST Service accidents, Jan.-Dec. 1944; summary of disabling injuries and deaths, by type or source of injury. 2 p., processed. 1945? 1.962 P2Un3
- 20114 WINSLOW, C. P. Wood research pays high dividends. U. S. Forest Serv. Forest Prod. Lab. Mimeog. R1492, 9 p. Madison, 1945. 1.9 F761R  
Wisconsin University cooperating.
- 20115 THE WOODLOT forester's tool kit. 72 p., processed. Milwaukee, 1945. 1.9621 R9W85
- HUMAN NUTRITION AND HOME ECONOMICS, BUREAU OF
- 20116 MAKE the most of sugar in canning fruit. 2 p., processed. 1945. 1.982 A2N28
- INFORMATION, OFFICE OF
- 20117 ABRIDGED chronology of Agriculture's part in the war. Rev., 24 p., processed. July 9, 1945. (rpt. No. 3) 1.90 A2Un32
- 20118 CONDENSED history of the U. S. Department of Agriculture. Rev., 15 p., processed. July 3, 1945. (rpt. No. 4) 1.90 A2Un32
- 20119 CURING pork country style. 1 p., processed. 1945. 1.914 M2092  
Announcement of a new U. S. D. A. motion picture.
- 20120 [LISTS of U. S. D. A. films.] 4 Nos. Processed. n. d. 1.913 M3M85  
Where application should be made in Kentucky, Maryland, Minnesota, and Ohio.
- 20121 MOTION pictures released by the United States Department of Agriculture since Misc. Pub. No. 451 was issued. 9 p., processed. 1944. 1.914 M2M85
- LABOR, OFFICE OF
- 20122 TEXAS USDA Wage Board. Delegation of authority with respect to stabilization of salaries and wages of agricultural labor. 7 p., processed. 1945. 1.9424 L2T31
- LIBRARY
- 20123 SMALLWOOD, H. W. Commercial horticultural organizations of the United States and Canada. U. S. D. A. Libr. Lib. List 17, 14 p., processed. 1945. 1.916 L612



20124 SMALLWOOD, N. W. Horticultural organizations of the United States and Canada. U. S. D. A. Libr. Libr. List 16, 22 p., processed. 1945.  
1.916 L612

# MARKETING SERVICES, OFFICE OF

20125 ANSWERS to questions on anatomy and physiology of poultry. 3 p., processed. 1945.  
1.9422 Po33An8

Information for all veterinary inspectors from P. J. Brandly, Inspection and Grading Division.

20126 AVERAGE prices of tobacco by grades for the past nine seasons. 1 p., processed. 1945.  
1.9422 T43Av3

20127 CATTLE and calves: monthly average price per 100 pounds, Houston, 1944. Based on the mean of daily range of quotations. 1 p., processed. 1945.  
1.9422 L8C29Ho

Similar reports for Indianapolis, Louisville, Oklahoma City, Sioux City, Wichita.

20128 CATTLE and calves: weekly average price per 100 pounds, Cincinnati, 1944. Based on the mean of daily range of quotations. 2 p., processed. 1945.  
1.9422 L8C29C1w

Similar reports for Baltimore, Houston, Los Angeles, Nashville, Ogden and North Salt Lake, Oklahoma City, Peoria, San Antonio, Sioux City, Wichita.

20129 THE CONTAINER situation. 4 p., processed. 1945.  
1.9422 AB4C76

20130 COTTON classing offices and territories, Southeastern area. 1 p., processed. n. d.  
1.9422 C2C823

20131 COTTONSEED; methods of chemical analysis and grade calculations approved by the Director, Office of Marketing Services. 11 p., processed. 1945.  
1.9422 G33C82

20132 ELEMENTS and degrees of quality in tobacco. 1 p., processed. 1945? 1.9422 T32E12

20133 FACT sheet on poultry. 2 p., processed. 1945.  
1.9422 Po2F11

20134 GENERAL information on tobacco inspection and market news referendum. 1 p., processed. 1945?  
1.9422 T33G28

20135 GERDES, F. L. Mechanization of cotton production in the Mississippi Delta: its relation to cotton quality and marketing practices. 17 p., processed. 1945.  
1.9422 C2G31

Address at Cotton Research Congress, Dallas, July 12-13, 1945.

20136 HOGS: monthly average price per 100 pounds, Detroit, 1944. Based on the mean of daily range of quotations. 1 p., processed. 1945.  
1.9422 L8H67Dt

Similar reports for Baltimore, Fort Worth, Ogden and North Salt Lake, San Antonio, Thomasville, Wichita.

20137 HOGS: weekly average price per 100 pounds, Oklahoma City, 1944. Based on the mean of daily range of quotations. 1 p., processed. 1945.  
1.9422 L8H67Okw

Similar reports for Baltimore, Des Moines, Los Angeles, Nashville, Peoria, Sioux City, South St. Paul, Thomasville, Wichita.

20138 KINGHORNE, J. W. Poultry and egg production in wartime. 9 p., processed. Chicago, 1945.  
1.9422 A2K59

Remarks before the International Baby Chick Association, Chicago, July 25, 1945.

20139 MEMBERSHIP of Brewing Industry Advisory Committee. 1 p., processed. 1945.  
1.9422 A2M

Letter to all brewers.

20140 METHODS employed in the laboratory analysis of bulk (natural) and process cheese by the Dairy and Poultry Branch. 3 p., processed. Chicago, 1945.  
1.9422 D33C4122

20141 METHODS employed in the laboratory analysis of dried, liquid, and frozen whole eggs, dried, liquid, and frozen egg whites and yolks by the Dairy and Poultry Branch of Office of Marketing Services. 2 p., processed. Chicago, 1945.  
1.9422 Po33Eg3

20142 METHODS employed in the laboratory analysis of evaporated milk by the Dairy and Poultry Branch. 2 p., processed. Chicago, 1945.  
1.9422 D33M59

20143 METHODS employed in the laboratory analysis of nonfat milk solids and dried whole milk by the Dairy and Poultry Branch of Office of Marketing Services. 3 p., processed. Chicago, 1945.  
1.9422 D33M593

20144 METHODS employed in the laboratory analysis of sweetened condensed milk by the Dairy and Poultry Branch. 5 p., processed. Chicago, 1945.  
1.9422 D33M594

20145 MYERS, L., OMOHUNDRO, E. H., and SALANT, N. B. Diversion of cotton and cotton products from their normal channels of trade. Rev., 124 p., processed. 1945.  
1.9422 C6D64

New uses for cotton.

20146 PROSECUTIONS and seizures under the interstate clause (title II) of the Federal Seed Act. 7 p., processed. 1944.  
1.942 S33P942

20147 REFRIGERATOR car movement of domestic fresh fruits and vegetables by commodities and regions. 9 p., processed. 1945.  
1.9422 Fr36R25

20148 REGULATIONS for warehousemen storing dry beans. 22 p. 1945.  
1 M34S

Service and Regulatory Announcement No. 130, revised.

20149 SELLERS, A., and BASKETTE, J. E., JR. Agricultural marketing agreement and order programs, 1933-1944. 29 p., processed. 1945.  
1.9422 A3Ag8

Reprinted from Georgetown Law Jour. 33(2): 123-151. Jan. 1945.

20150 SHEEP and lambs: monthly average price per 100 pounds, Detroit, 1944. Based on the mean of daily range of quotations. 1 p., processed. 1945.  
1.9422 L8Sh3Dt

Similar reports for Cincinnati, Fort Worth, Indianapolis, Peoria, Louisville, St. Louis National Stock Yards, Sioux City, South St. Paul, Wichita.

20151 SHEEP and lambs: weekly average price per 100 pounds, Baltimore, 1944. Based on the mean of daily range of quotations. 1 p., processed. 1945.  
1.9422 L8Sh3Baw

Similar reports for Cincinnati, Nashville, Oklahoma City, Peoria, Sioux City, South St. Paul, Wichita.

20152 SHULER, G. P., JR. I. C. C. Docket No. 28300 - Class rate investigation of 1939; I. C. C. Docket No. 28310 - Consolidated freight classification. Summary of the report served May 19, 1945. 5 p., processed. 1945.  
1.9422 Tr2Ic1

20153 SUGAR Determination. 4 Nos. 1945.  
1.94 Su3Sd

S. D. 153 Rev. 3. Determination of proportionate shares for sugarcane farms in Puerto Rico for the 1945-46 crop. 1 p. July 20.

S. D. 221. Determination of proportionate shares for sugarcane farms in the Territory of Hawaii for the 1946 crop. 1 p. July 20.

S. D. 222. Determination of proportionate shares for the Mainland cane sugar area for the 1946 crop. 1 p. July 20.

S. D. 223. Determination of proportionate shares for sugarcane farms in the Virgin Islands for the 1946 crop. 1 p. July 20.

20154 A SUMMARY of vocational opportunities in processed foods inspection work. 2 p., processed. 1945.  
1.9422 A33Su6

20155 USED container dealers who are licensed by the Office of Price Administration under the provisions of MPR-434. 5 p., processed. 1945.  
1.9422 A2U2



20156 THE VERDICT on labeling. 4 p., processed. 1945. 1.9422 A2V58

Reprinted from The Canning Trade 67(47): 6, 14. June 18, 1945. 286.83 T67

20157 WEBB, R. W. Relationships of cotton fiber properties to strength and elongation of tire cord. 59 p., processed. 1945. 1.9422 C2R272 Preliminary report.

20158 WHEAT millfeeds: United States production by months, July, 1927 to date [Dec. 1944]. 1 p., processed. 1944. 1.9422 G8W562

#### MATERIALS AND FACILITIES, OFFICE OF

20159 AGRICULTURAL liming materials outlook report, 1945-46. 18 p., processed. 1945. 1.9424 M2Ag8

Partial contents: The newer soil service promotes wider use of lime, by W. A. Albrecht; Use of agricultural liming materials; Miscellaneous agricultural uses of lime products; Agricultural gypsum.

#### PERSONNEL, OFFICE OF

20160 AUDIO-VISUAL utilization officers. 2 p., processed. 1945. 1.917 A2An2

Certain restricted Army and Navy training films and filmstrips now available and where they may be obtained.

20161 USDA Club guide. 16 p., processed. 1945. 1.917 T2Usl2

Handbook for use in organizing new clubs and as a guide to more effective administration of those in operation.

20162 U S D A harvest show, September 27-28, 1945... Rules and schedule. 4 p., processed. 1945. 1.917 A2Un34

20163 WHAT to do when the veterans return to their jobs in the Department of Agriculture. U. S. D. A. Off. of Personnel Admin. Ser. 4, 43 p. 1945. 1 P432A

#### PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, BUREAU OF

20164 CHRISTENSEN, C. M., and MOSES, C. S. Molds and bacteria that delaminate plywood bonded with casein and soybean glues. U. S. Bur. Plant Indus., Soils, and Agr. Engin. Forest Path. Spec. Release 25, 23 p., processed. Madison, 1945. 1.965 F3F76

U. S. Forest Service, Forest Products Laboratory cooperating.

20165 CLEARING land of small growth. U. S. Bur. Plant Indus., Soils, and Agr. Engin. Inform Ser. 10, rev., 5 p., processed. n. d. 1.9 R531I

Sketches illustrate ways of using simple mechanical devices.

20166 KINMAN, C. F. Growing crops without soil. 2 p., processed. Beltsville, Md., n. d. 1.965 F4G91

20167 LEIGHTY, W. J., and others. Soil survey of Calloway County, Kentucky. U. S. Bur. Plant Indus., Soils, and Agr. Engin. [Soil Survey Rpt.] Ser. 1937, No. 15, 94 p. 1945. 1 So32F

H. W. Higbee, W. S. Reed, and C. E. Wyatt, joint authors.

Kentucky Agricultural Experiment Station cooperating.

Folded map in pocket.

20168 LOWMAN, M. S. Camphor basil. 2 p., processed. n. d. 1.965 D2C15

20169 MAGISTAD, O. C. Salts of the earth; research on the salt problem in irrigation at the U. S. Regional Salinity Laboratory. 16 p., processed. Riverside, Calif., 1945. 1.965 A2Sa32

20170 MAY, C. Dieback of elm. 2 p., processed. Beltsville, Md., 1945. 1.965 F3D56

20171 MAY, C. Leaf blight of Japanese red maple. 1 p., processed. 1945. 1.965 F3L47

20172 MILLER, T. A. H., and SIMONS, J. W. Sweet potato storage houses. Rev., 17 p., processed. Beltsville, Md., 1945. 1.965 E2Sw3

20173 OBENSHAIN, S. S., and others. Soil survey of Russell County, Virginia. U. S. Bur. Plant Indus., Soils, and Agr. Engin. [Soil Survey Rpt.] Ser. 1936, No. 21, 124 p. 1945. 1 So32F

H. C. Porter, W. W. Lewis, G. S. Francis, R. C. Journey, A. C. Orvedal, R. E. Devereux, and A. W. Goke, joint authors.

Virginia Agricultural Experiment Station and the Tennessee Valley Authority cooperating.

Folded map in pocket.

20174 REPORT of the Committee on Definitions of Coarse Fragments in Soils, Glacial Materials, and Land Forms. 9 p., processed. Beltsville, Md., 1945. 1.965 A2R292

20175 SELECTION of Government nitrogen plants for fertilizer production. 30 p., processed. 1945. 1.965 S4Se4

20176 SHRADER, W. D., and others. Soil survey (reconnaissance) of Linn County, Missouri. U. S. Bur. Plant Indus., Soils, and Agr. Engin. [Soil Survey Rpt.] Ser. 1938, No. 7, 28 p. 1945. 1 So32F

M. R. Springer, N. S. Hall, W. DeYoung, and H. V. Jordan, joint authors.

Missouri Agricultural Experiment Station cooperating. Folded map in pocket.

#### PRODUCTION AND MARKETING ADMINISTRATION

20177 FACT sheet on cabbage. 3 p., processed. 1945. 1.956 A2F11

20178 FACT sheet on sweetpotatoes. 4 p., processed. 1945. 1.956 A2F112 Includes recipes.

20179 GOODHART, R. S. On-the-job food service in the food industry. 10 p., processed. 1945. 1.9422 Civ2G61

Feeding workers on the job.

20180 LABELING insecticides containing DDT. Rev., 6 p., processed. 1945. 1.95 L75L11

20181 NATIONAL wartime food guide. Rev., 8 p. folder. 1945. (NFC-4, Rev.) 1 F733N

The basic 7 food groups and foods in each group.

20182 THE PERISHABLE Agricultural Commodities Act (brief outline). 4 p., processed. 1945. 1.956 F94P41

20183 POTATOES at any meal. 4 p., processed. 1945. 1.956 A2P84

Recipes.

#### PRODUCTION, OFFICE OF

20184 1945 State livestock and livestock product goals. 1 p., processed. 1945. 1.9423 A8St2

#### RURAL ELECTRIFICATION ADMINISTRATION

20185 GENERAL specifications for locker plant refrigeration construction and installation. Rev., 16 p., processed. St. Louis, 1945. 1.933 G282

20186 HELPING farmers to get electric equipment. 14 p. St. Louis, 1945. 1 R88He

20187 IT'S SMART to practice safety first with electricity. 4 p., processed. n. d. 1.933 It6

20188 MAKING a good table study lamp. 4 p., processed. St. Louis, n. d. 1.933 M28

20189 NEW LOAN program for consumers; simplified low-cost financing of wiring, plumbing, and farm and home electrical equipment. 6 p. St. Louis, 1945. 1 R88N

20190 SCHAEZNER, J. P. New electric equipment for the farm. 9 p., processed. St. Louis? 1945. 1.933 N42



## SECRETARY, OFFICE OF

20191 ANDERSON, C. P. Address...on the occasion of Oklahoma Farm and Home Week, broadcast...August 3, 1945 at Stillwater, Oklahoma. 11 p., processed. 1945. 1.91 A2An2

Includes farm production and prices.

20192 ANDERSON, C. P. Agriculture's need for full employment. 8 p., processed. 1945. 1.91 A2An2

Statement before the Senate Banking and Currency Committee, Aug. 23, 1945.

20193 ANDERSON, C. P. Food for foreign relief. 3 p., processed. 1945. 1.91 A2An2

Broadcast on the occasion of SHARE THE FOOD DAY, Sept. 18, 1945, New York City.

20194 ANDERSON, C. P. Food outlook. 7 p., processed. 1945. 1.91 A2An2

Radio talk, Aug. 23, 1945.

20195 ANDERSON, C. P. Food today. 7 p., processed. 1945. 1.91 A2An2

Broadcast, July 16, 1945.

20196 ANDERSON, C. P. Government and public understanding. 6 p., processed. 1945. 1.91 A2An2

Address before the Advertising Federation of America, New York City, July 11, 1945, on the food situation and the question of farm prices.

20197 ANDERSON, C. P., and MITCHELL, E. Our food supply. 3 p., processed. 1945. 1.91 A2An2

Interview over the NBC network, July 1, 1945.

20198 ANDERSON, C. P. Radio talk...on National Farm Safety Week Special Events Broadcast...July 20, 1945, over the Mutual Broadcasting Company Network. 4 p., processed. 1945. 1.91 A2An2

Farm accidents.

20199 ANDERSON, C. P. Statement...on taking the oath of office as Secretary of Agriculture. 1 p., processed. 1945. 1.91 A2An2

20200 ANDERSON, C. P. When cotton comes marching home. 9 p., processed. 1945. 1.91 A2An2

Address before the New York Cotton Exchange, Aug. 15, 1945, on the cotton situation and outlook.

## SOIL CONSERVATION SERVICE

20201 FARM business report, central and western Wisconsin, 1944. 10 p., processed. La Crosse, Wis., 1945. 1.96 Ad6Fa

Wisconsin Agricultural Experiment Station cooperating.

20202 FERTILIZERS for fish ponds. 9 p., processed. Lincoln, 1945. 1.9607 F41

20203 JOHN, W. W. Lessons from the land. 8 p., processed. 1944. 1.9605 Un3

What erosion has done to our land; what farmers are doing to stop erosion; how we can learn about erosion and soil conservation.

20204 KRIMGOLD, D. B., and MINSHALL, N. E. Hydrologic design of farm ponds and rates of runoff for design of conservation structures in the Claypan Prairies. 23 p., processed. 1945. (SCS-TP-56) 1.96 Ad6Tp

Illinois, Oklahoma, and Missouri Agricultural Experiment Stations cooperating.

20205 KRIMGOLD, D. B., and MINSHALL, N. E. Hydrologic design of small farm ponds in the Claypan Prairies of Kansas. 11 p., processed. 1945. 1.96 E31Hyd

Kansas Agricultural Experiment Station cooperating.

Based on SCS-TP-56, Hydrologic Design of Farm Ponds and Rates of Runoff for Design of Conservation Structures in the Claypan Prairies.

20206 LOWDERMILK, W. C. Erosion and civilization. 12 p., processed. 1945. 1.96 Ad63

Paper at Conference on Conservation, Human Nutrition, and Health, at Athens, Ohio, June 30-July 1, 1945.

20207 MINUTES of the New Mexico party chiefs' meeting, Albuquerque, New Mexico, April 3-6, 1945. 21 p., processed. Albuquerque? 1945. 1.9608 M66

Includes collection, interpretation, and dissemination of soils data.

20208 PLANNING a farmstead windbreak. 1 p., processed. Lincoln? 1945. 1.9807 P692

20209 PUBLICATIONS by W. C. Lowdermilk. 7 p., processed. 1945. 1.96 Ad63P

20210 REPORT of Biology Division meeting, Albuquerque, New Mexico, March 26-31, 1945. 23 p., processed. 1945. 1.96 Op2Rb

20211 SERVICE policy relating to water rights and dam construction in Region 5. 3 p., processed. Boxeman, 1945. 1.9607 Se62

20212 SNYDER, J. M., WOODWARD, L. A., and HULL, W. X. Suggestions and training outline in conservation surveying and cartography with Soil Conservation Service. 5 p., processed. 1945. 1.96 Su7S

20213 SOIL and water conservation educational conference, Region 7. 2 p., processed. 1945. 1.96 R27Soc

Held in Portland, Oreg., June 5-7, 1945.

20214 SOIL and water conservation needs estimates for the Northeastern Region. Rev., 35 p., processed. 1945. 1.96 L22Sone

20215 SOIL and water conservation needs estimates for the Northern Great Plains Region. Rev., 24 p., processed. 1945. 1.96 L22Som

20216 SOIL and water conservation needs estimates for the Pacific Region. Rev., 23 p., processed. 1945. 1.96 L22Sop

20217 SOIL and water conservation needs estimates for the Southeastern Region. Rev., 28 p., processed. 1945. 1.96 L22Soee

20218 SOIL and water conservation needs estimates for the Southwestern Region. Rev., 20 p., processed. 1945. 1.96 L22Sos

20219 SOIL and water conservation needs estimates for the Upper Mississippi Region. Rev., 27 p., processed. 1945. 1.96 L22Sou

20220 SOIL and water conservation needs estimates for the Western Gulf Region. Rev., 21 p., processed. 1945. 1.96 L22Sow

20221 SOUTHWEST Region annual report, fiscal year 1944-1945. 74 p., processed. Albuquerque? 1945. 1.9608 An7

With special emphasis on the relation of the soil and water conservation program and the Soil Conservation Service to the prosecution of the war.

20222 STALLINGS, J. H. Effect of contour cultivation on crop yield, runoff, and erosion losses. 12 p., processed. 1945. 1.96 E31Efy

20223 SUMMARY of conference of extension soil conservationists and State conservationists, Denver, Colorado, December 14-16, 1944. 14 p., processed. Denver? 1944. 1.96 Ad6Cs

20224 TREES, shrubs and vines suitable for use in Region 6, U. S. Soil Conservation Service. Rev., 6 p., processed. Albuquerque, 1944. 1.9608 T71

## SOLICITOR, OFFICE OF

20225 BEFORE the Interstate Commerce Commission, Docket No. 29305. Chicopee Manufacturing Corporation et al. v. American Barge Line Corporation et al. Petition by the United States Department of Agriculture for leave to intervene. 4 p., processed. 1945. 1.918 C432

Concerns rates on cotton.

20226 BEFORE the Interstate Commerce Commission, Finance Docket No. 14232. In the matter of application under paragraphs (18) to (21), incl., of section 1 of the Interstate Commerce Act of Guy A. Thompson, trustee, Missouri Pacific Railroad Corporation in Nebraska, debtor, to abandon a branch line of railroad extending from a point approximately two miles



north of Auburn, Nebraska, to Crete, Nebraska, all located in Nemaha, Otoe, Johnson, Lancaster, and Saline Counties, Nebraska. Reply by the United States Department of Agriculture to the exceptions of applicant. 5 p., processed. 1945. 1.918 M6923

20227 BEFORE the Interstate Commerce Commission. Inland Waterways Corporation, operating the Federal Barge Lines, v. Southern Railway Company et al., Docket No. 29078. Petition by the Commodity Credit Corporation to modify effective date of order. 4 p., processed. 1945. 1.918 In5

#### SUPPLY, OFFICE OF

20228 AGREEMENT between the United States Department of Agriculture and a sponsoring agency governing the operation of a community school lunch program. 4 p., processed. 1945. 1.957 Su7Ag8

20229 CASE, F. H. "Best food buys in wartime." 2 p., processed. Providence, 1945. 1.957 Su7B46  
Fresh vegetables; processed vegetables and fruits; meat and fish; other protein foods; other foods.

20230 CIVILIAN sugar supplies in 1945. 2 p., processed. Detroit, 1945? 1.957 Su7C49

20231 CRONIN, F. D. We need still more used fats. 4 p., processed. New York, 1945. 1.957 Su7W37

20232 FACT sheet on industrial feeding. 2 p., processed. New York, 1945. 1.957 Su7F115

20233 FACT sheet on sugar. 3 p., processed. 1945. 1.957 Su7F114W

20234 HOW TO can peaches with less sugar. 2 p., processed. Chicago, 1945. 1.957 Su7H83

20235 INSTRUCTIONS for canning sliced peaches - solid pack, without sugar. 1 p., processed. 1945. 1.957 Su7In72

20236 INSTRUCTIONS for freezing peaches with a 30-percent sirup - for use during the sugar shortage. 1 p., processed. 1945. 1.957 Su7In7

20237 LIST of available publications offered on the Consumer Time Program, July 1, 1943-July 31, 1945. 2 p., processed. 1945. 1.957 Su7L692

Largely food and nutrition; home management.

20238 SUGAR saving tips. 2 p., processed. Atlanta, 1945? 1.957 Su7Su33

#### WAR FOOD ADMINISTRATION

20239 PEACH recipes. 4 p., processed. Atlanta, n. d. 1.9424 A2F312

20240 "PUTTING up the peaches." 3 p., processed. Atlanta, n. d. 1.9424 A2P98

20241 TABLE for estimating the butterfat content of cream. 1 p., processed. n. d. 1.9424 A2T11



STATE AGRICULTURAL EXPERIMENT STATION PUBLICATIONS  
November 1945

Includes State Agricultural Experiment Station publications received in the library during the preceding month. Articles in Station periodicals containing more than one article in an issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Experiment Stations are not available from the U. S. Department of Agriculture but are often available from the publishing State agricultural experiment station.

Mimeographed or processed material issued by the State Agricultural Experiment Stations is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Alabama Agricultural Experiment Station, Auburn

- 20242 KING, D. F. Feeding laying hens. Ala. Agr. Expt. Sta. Mimeog. Ser. 15, 3 p. 1945. 100 AllM
- 20243 KING, D. F. Cannibalism among chickens. Ala. Agr. Expt. Sta. Mimeog. Ser. 16, 3 p. 1945. 100 AllM
- 20244 BAKER, K. G. Caley pea [*Lathyrus hirsutus*], production and uses in Alabama. Ala. Agr. Expt. Sta. Mimeog. Ser. 17, 3 p. 1945. 100 AllM
- 20245 KING, D. F. Movable brooder house. Ala. Agr. Expt. Sta. Mimeog. Ser. 18, 2 p. 1945. 100 AllM
- Designs and specifications.
- 20246 ROBINSON, J. M., and ARANT, F. S. Recommendations on boll weevil control in Alabama. Ala. Agr. Expt. Sta. Mimeog. Ser. 19, 2 p. 1945. 100 AllM

Arizona Agricultural Experiment Station, Tucson

- 20247 SMITH, M. C., and others. The ascorbic acid and carotene content of three varieties of sweet potatoes grown in Arizona and their losses during storage. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 71, 9 p. 1945. 100 Ar4M

Helen Wiseman, Emily Caldwell, and Helen Farrankop, joint authors.

National Cooperative Project, Conservation of the Nutritive Value of Foods.

- 20248 SMITH, M. C., CALDWELL, E., and WISEMAN, H. Tangerines, their ascorbic acid content and factors affecting it. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 72, 7 p. 1945. 100 Ar4M

National Cooperative Project, Conservation of the Nutritive Value of Foods.

- 20249 SMITH, M. C., FARRANKOP, H., and WISEMAN, H. Pecans, their nutritive value. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 73, 7 p. 1945. 100 Ar4M

National Cooperative Project, Conservation of the Nutritive Value of Foods.

- 20250 FARRANKOP, H. The vitamin A content of Arizona butter. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 74, 2 p. 1945. 100 Ar4M

- 20251 VORHIES, C. T., and WEHRLE, L. P. Preliminary tests of DDT applications to crop plants and livestock with Navy's fog generator. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 75, 13 p. 1945. 100 Ar4M

- 20252 FARRANKOP, H., and others. Completed report of a one-year study of the vitamin A content of milk as related to certain feeding practices in Arizona. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 76, 16 p. 1945. 100 Ar4M

M. C. Smith, R. N. Davis, and W. H. Riddell, joint authors.

- 20253 SMITH, H. V., SMITH, M. C., and VAVICH, M. Fluorine in milk, plant foods, and foods cooked in fluorine containing water. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 77, 6 p. 1945. 100 Ar4M

- 20254 GRIFFITHS, A. E., and others. Lettuce variety trials. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 78, 7 p. 1945. 100 Ar4M

R. C. Keswick, C. W. Van Horn, and A. H. Finch, joint authors.

- 20255 HAWKINS, R. S. Excessive field exposure coupled with dryness of lint may be responsible for difficulties with "irrigated" cotton. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 79, 9 p. 1945. 100 Ar4M

- 20256 FINCH, A. H., and MCGEORGE, W. T. Fruiting and physiological responses of Marsh grapefruit trees to fertilization. Ariz. Agr. Expt. Sta. Tech. B.105, p. 429-454. 1945. 100 Ar4

- 20257 JONES, W. W., VAN HORN, C. W., and FINCH, A. H. The influence of nitrogen nutrition of the tree upon the ascorbic acid content and other chemical and physical characteristics of grapefruit. Ariz. Agr. Expt. Sta. Tech. B. 106, p. 457-484. 1945. 100 Ar4

- 20258 FIFTY-FIFTH annual report of the Arizona Agricultural Experiment Station for the year ending June 30, 1944. 100 p. 1945. 100 Ar4

California Agricultural Experiment Station, Berkeley

- 20259 HOWARD, W. L. Luther Burbank's plant contributions. Calif. Agr. Expt. Sta. B. 691, 110 p. 1945. Ref., p. 102-110. 100 Cl2S

- 20260 JOHNSTON, C. N. Farm irrigation structures. Calif. Agr. Expt. Sta. C. 362, 59 p. 1945. 100 Cl2S

- 20261 FREITAG, J. H., and SEVERIN, H. H. P. Insect transmission, host range, and properties of the crinkle-leaf strain of western-celery-mosaic virus. Hilgardia 16: 361-470. Mar. 1945. 100 Cl2H

- 20262 FREITAG, J. H., and SEVERIN, H. H. P. Poison-hemlock-ringspot virus and its transmission by aphids to celery. Hilgardia 16: 389-405. Mar. 1945. Ref., p. 404-405. 100 Cl2H

- 20263 FORDE, H. I., and PROEBSTING, E. L. Utilization of ammonia supplied to peaches and prunes at different seasons. Hilgardia 16: 411-425. Apr. 1945. 100 Cl2H

- 20264 JENNY, H., AYERS, A. D., and HOSKING, J. S. Comparative behavior of ammonia and ammonium salts in soils. Hilgardia 16: 429-457. Apr. 1945. 100 Cl2H

- 20265 LIST of publications available September, 1945. 8 p. Calif. Agr. Expt. Sta., 1945. 100 Cl2L1

Colorado Agricultural Experiment Station, Fort Collins

- 20266 PARSHALL, R. L. Improving the distribution of water to farmers by use of the Parshall measuring flume. Colo. Agr. Expt. Sta. B. 488, 54 p. 1945. 100 C71S

- 20267 PASCHAL, J. L., and ROSKELLEY, R. W. Suggestions on how to top more onions. Colo. Agr. Expt. Sta. Press B. 100, 4 p. 1945. 100 C71S

- 20268 COLORADO farm bulletin, v. 7, No. 4, 15 p. July-Aug. 1945. 100 C71S

Connecticut (State) Agricultural Experiment Station, New Haven

- 20269 GARMAN, P. A study of stickers for lead arsenate sprays on fruit trees. Conn. (State) Agr. Expt. Sta. B. 485, pp. 109-161. 1945. Ref., p. 160-161. 100 C76St

Georgia Agricultural Experiment Station, Experiment

- 20270 WOODROOF, J. G., and ATKINSON, I. S. Freezing preservation of cooked foods. Ga. Agr. Expt. Sta. B. 242, 15 p. 1945. 100 G29S

- 20271 WOODROOF, J. G., and ATKINSON, I. S. Freezing Muscadine grapes. Ga. Agr. Expt. Sta. Press B. 551, 1 p., processed. 1945. 100 G29F



Georgia Coastal Plain Experiment Station, Tifton

20272 SOUTHWELL, B. L., and TREANOR, K. Hogging-off crops in the Coastal Plain. Ga. Coastal Plain Agr. Expt. Sta. B. 41, 66 p. 1945. 100 G292

Hawaii Agricultural Experiment Station, Honolulu

20273 KIKUTA, K., HENDRIX, J. W., and FRAZIER, W. A. Pearl Harbor: a tomato variety resistant to spotted wilt in Hawaii. Hawaii. Agr. Expt. Sta. C. 24, 4 p. 1945. 100 H313

Idaho Agricultural Experiment Station, Moscow

20274 BERESFORD, H., and ASLETT, M. J. Potato starch production in Idaho. Idaho. Agr. Expt. Sta. B. 259, 19 p. 1945. 100 Id1

20275 KENKNIGHT, G., and BLODGETT, E. C. A survey of the diseases of the carrot seed crop in Idaho with control recommendations. Idaho. Agr. Expt. Sta. B. 262, 23 p. 1945. 100 Id1

20276 KLAGES, K. H. Idaho Amber sorgo. Idaho. Agr. Expt. Sta. C. 97, 8 p. 1944. 100 Id1

20277 POSTWAR program for Idaho: timber production on the forest lands. Idaho. Agr. Expt. Sta. C. 99, 8 p. 1945. 100 Id1

20278 POSTWAR program for Idaho: the farm woodlands. Idaho. Agr. Expt. Sta. C. 100, 8 p. 1945. 100 Id1

Illinois Agricultural Experiment Station, Urbana

20279 DETURK, E. E. Fertilizers, fertilizer materials and rock phosphate used in Illinois during 1944. Ill. Agr. Expt. Sta. AG1253, 3 p., processed. 1945. 275.29 I162Pag

20280 ESHLEMAN, R. F., and LINDSTROM, D. E. The Church of the Brethren in the rural community: a study of 34 churches in the two Illinois districts of the Church of the Brethren. Ill. Agr. Expt. Sta. RSM16, 12 p., processed. 1945. 100 I16R

Kentucky Agricultural Experiment Station, Lexington

20281 CLARK, C. M., and PRICE, H. B. Tobacco auction markets in Kentucky. Ky. Agr. Expt. Sta. B. 474, 15 p. 1945. 100 K41

20282 BONDURANT, J. H., and NICHOLLS, W. D. Labor supply and farm production on eastern Kentucky farms. Ky. Agr. Expt. Sta. B. 475, 24 p. 1945. 100 K41

20283 RITCHER, P. O. North American Cetoniinae with descriptions of larvae and keys to genera and species (Coleoptera: Scarabaeidae). Ky. Agr. Expt. Sta. B. 476, 39 p. 1945. 100 K41

20284 RITCHER, P. O. Coprinae of eastern North America with descriptions of larvae and keys to genera and species (Coleoptera: Scarabaeidae). Ky. Agr. Expt. Sta. B. 477, 23 p. 1945. 100 K41

20285 TURNER, J. D., ALLEN, H. R., and GAULT, L. Commercial fertilizers in Kentucky in 1944. Ky. Agr. Expt. Sta. Reg. Ser. B. 42, 51 p. 1945. 100 K41

20286 TURNER, J. D., and others. Commercial feeds in Kentucky in 1944. Ky. Agr. Expt. Sta. Reg. Ser. B. 43, 38 p. 1945. 100 K41

S. B. Randle, W. G. Terrell, and J. J. Rose, joint authors.

Louisiana Agricultural Experiment Station, University Station, Baton Rouge

20287 CHAMBERLIN, H. H., SAMPLE, L. A., and HAYES, R. W. Private forest land ownership and management in the loblolly-shortleaf type in southern Arkansas, northern Louisiana and central Mississippi. La. Agr. Expt. Sta. B. 393, 46 p. 1945. 100 L93

20288 KIMBROUGH, W. D., and SMITH, C. E. Camellias for the yard. La. Agr. Expt. Sta. B. 391, 12 p. 1945. 100 L93

20289 GILE, B. M., and BAKER, J. M. Farmers' cooperative business organizations in Louisiana. La. Agr. Expt. Sta. B. 392, 14 p. 1945. 100 L93

20290 RESEARCH in agriculture: Louisiana Agricultural Experiment Station annual report, for the year ended June 30, 1944. 179 p. 1945. 100 L93

Maryland Agricultural Experiment Station, College Park

20291 WALKER, W. P., and others. War-time transportation of farm products and farm supplies by motor vehicles in Maryland. Md. Agr. Expt. Sta. B. A34, p. 27-60. 1944. 100 M36S

S. H. DeVault, P. R. Poffenberger, and A. M. Ahalt, joint authors.

20292 BOHANAN, L. B., DEVAULT, S. H., and WALKER, W. P. The farm real estate situation in Maryland. Md. Agr. Expt. Sta. B. A35, p. 61-74. 1945. 100 M36S

20293 WALKER, W. P. Improving farm property assessments. Md. Agr. Expt. Sta. B. A36, p. 75-101. 1945. 100 M36S

20294 A SUMMARY of wartime research: fifty-seventh annual report of the Maryland Agricultural Experiment Station for the fiscal year ending June 30, 1944. 40 p. 1945. 100 M36S

Massachusetts Agricultural Experiment Station, Amherst

20295 TWENTY-FIFTH annual report of pullorum disease eradication in Massachusetts. Mass. Agr. Expt. Sta. Cont. Ser. B. 124, 12 p. 1945. 100 M38H

Mississippi Agricultural Experiment Station, State College

20296 POLK, H. D., and GIEGER, M. Kudzu in the ration of growing chicks. Miss. Agr. Expt. Sta. B. 414, 14 p. 1945. 100 M69

20297 NEELY, J. W., and BRAIN, S. G. Cotton variety tests in the Yazoo-Mississippi Delta. Miss. Agr. Expt. Sta. B. 416, 11 p. 1945. 100 M69

20298 WELCH, F. J., and MILEY, D. G. Mechanization of the cotton harvest. Miss. Agr. Expt. Sta. B. 420, 24 p. 1945. 100 M69

Missouri Agricultural Experiment Station, Columbia

20299 MURNEEK, A. E. Nitrogen fertilizers for fruit trees. Mo. Agr. Expt. Sta. B. 489, 23 p. 1945. 100 M693

Nebraska Agricultural Experiment Station, Lincoln

20300 FITTS, J. W. Nebraska outstate crops and soils tests: soil studies for 1944. Nebr. Agr. Expt. Sta. B. 373, 12 p. 1945. 100 N27

20301 KIESSELBACH, T. A., and LYNESS, W. E. Simulated hail injury of corn. Nebr. Agr. Expt. Sta. B. 377, 22 p. 1945. 100 N27

20302 JENSEN, J. H. The Scottsbluff pinto bean. Nebr. Agr. Expt. Sta. C. 78, 6 p. 1944. 100 N27

20303 LIVINGSTON, J. E. Charcoal rot of corn and sorghum. Nebr. Agr. Expt. Sta. Res. B. 136, 32 p. 1945. Ref., p. 31-32. 100 N27

20304 HILL, E. E. Effects of DDT and other insecticides on several species of potato insects. Nebr. Agr. Expt. Sta. Res. B. 138, 14 p. 1945. 100 N27

New Hampshire Agricultural Experiment Station, Durham

20305 AGRICULTURAL research in New Hampshire: annual report of the Agricultural Experiment Station for the year ending June 30, 1944. N. H. Agr. Expt. Sta. B. 354, 68 p. 1944. 100 N45

20306 KEENER, H. A., PERCIVAL, G. P., and MORROW, K. S. Cobalt treatment of a nutritional disease in New Hampshire dairy cattle: a preliminary report. N. H. Agr. Expt. Sta. C. 68, 8 p. 1944. 100 N45



- 20307 DUNN, S., and HOLLEY, W. D. The effect of temperature, soil reaction, and soil nutrients on the growth of Gerbera in the greenhouse. N. H. Agr. Expt. Sta. C. 69, 8 p. 1944. 100 N45  
The Gerbera or Transvaal daisy (*Gerbera jamesoni*) as a florist's crop.
- 20308 BARRATT, R. W., and RICHARDS, M. C. Alternaria blight versus the genus *Lycopersicon*. N. H. Agr. Expt. Sta. Tech. B. 82, 27 p. 1944. 100 N45  
Alternaria blight caused by *Alternaria solani* is the principal cause of tomato defoliation.
- 20309 WALLER, E. F., and others. Sensitive-fern poisoning of horses. N. H. Agr. Expt. Sta. Tech. B. 83, 8 p. 1944. 100 N45  
F. S. Prince, A. R. Hodgdon, and N. F. Colovos, joint authors.
- 20310 SLANETZ, L. W., HOWE, A. F., and MACLEOD, H. P. Characteristics of staphylococci and staphylococcal toxins. N. H. Agr. Expt. Sta. Tech. B. 84, 16 p. 1945. 100 N45
- 20311 WALLER, E. F. Blue-comb disease. N. H. Agr. Expt. Sta. Tech. B. 85, 11 p. 1945. 100 N45
- 20312 MORROW, K. S., KEENER, H. A., and HALL, C. N. Analysis of certain factors involved in dairy herd management in New Hampshire. N. H. Agr. Expt. Sta. Tech. B. 86, 31 p. 1945. 100 N45
- 20313 RITZMAN, E. G., and others. Influence of vitamin A on the utilization of energy and protein by calves. N. H. Agr. Expt. Sta. Tech. B. 87, 28 p. 1945. 100 N45  
N. F. Colovos, H. A. Keener, and A. E. Teeri, joint authors.
- New Jersey Agricultural Experiment Station, New Brunswick
- 20314 CATHCART, C. S. Analyses of commercial fertilizers, manures, and agricultural lime, 1944. N. J. Agr. Expt. Sta. Insp. Ser. 17, 29 p. 1945. 100 N46S
- 20315 FISKE, J. G. Summary of results of seed and legume inoculant inspection for 1944. N. J. Agr. Expt. Sta. Insp. Ser. 18, 22 p. 1945. 100 N46S
- 20316 CATHCART, C. S. Analyses of commercial feeding stuffs and registrations for 1945. N. J. Agr. Expt. Sta. Insp. Ser. 19, 47 p. 1945. 100 N46S.
- New York (Cornell) Agricultural Experiment Station, Ithaca
- 20317 MISNER, E. G. Weather and crop yields in New York. N. Y. (Cornell) Agr. Expt. Sta. A.E. 527, 88 p., processed. 1945. 281.9 C81
- 20318 SPENCER, L. Wartime economies in milk delivery. N. Y. (Cornell) Agr. Expt. Sta. A.E. 528-A, 9 p., processed. 1945. 281.9 C81
- 20319 FIFTY-SEVENTH annual report of the Cornell University Agricultural Experiment Station for the fiscal year 1943-44. 188 p. 1945. 100 N48C
- New York (State) Agricultural Experiment Station, Geneva
- 20320 SLATE, G. L., SUIT, R. F., and MUNDINGER, F. G. Raspberry growing in New York: culture, disease and insects. N. Y. (State) Agr. Expt. Sta. C. 153, rev., 64 p. 1945. 100 N48
- 20321 PARROTT, P. J., HUCKETT, H. C., and HERVEY, G. E. R. Common insect pests of New York. 3. The striped cucumber beetle [*Diabrotica vittata*]. N. Y. (State) Agr. Expt. Sta. C. 159, rev., 4 p. 1944. 100 N48  
Colored illustration.
- 20322 PARROTT, P. J., HUCKETT, H. C., and HERVEY, G. E. R. Common insect pests of New York. 2. The Mexican bean beetle [*Epilachna varivestis*]. N. Y. (State) Agr. Expt. Sta. C. 160, rev., 4 p. 1944. 100 N48  
Colored illustration.
- 20323 PARROTT, P. J., and GAMBRELL, F. L. Common insect pests of New York. 5. The spruce gall aphids [*Chermes abietis*]. N. Y. (State) Agr. Expt. Sta. C. 163, rev., 4 p. 1944. 100 N48  
Colored illustration.
- 20324 PEDERSON, C. S. Making grape juice in the home. N. Y. (State) Agr. Expt. Sta. C. 166, rev., 7 p. 1944. 100 N48
- 20325 PARROTT, P. J., and HARMAN, S. W. Common insect pests of New York. 7. The codling moth [*Carpocapsa pomonella*]. N. Y. (State) Agr. Expt. Sta. C. 169, rev., 4 p. 1944. 100 N48  
Colored illustration.
- 20326 PARROTT, P. J., and HUCKETT, H. C. Common insect pests of New York. 9. The asparagus beetle [*Crioceris asparagi*]. N. Y. (State) Agr. Expt. Sta. C. 171, rev., 4 p. 1944. 100 N48  
Colored illustration.
- 20327 PARROTT, P. J., and others. Common insect pests of New York. 10. The peachtree borer [*Sanninoida exitiosa*]. N. Y. (State) Agr. Expt. Sta. C. 172, rev., 4 p. 1944. 100 N48  
D. M. Daniel, E. H. Smith, and E. H. Wheeler, joint authors.  
Colored illustration.
- 20328 PARROTT, P. J., and CARRUTH, L. A. Common insect pests of New York. 12. The European corn borer [*Pyrausta nubilalis*]. N. Y. (State) Agr. Expt. Sta. C. 176, rev., 4 p. 1944. 100 N48  
Colored illustration.
- North Carolina Agricultural Experiment Station, State College Station, Raleigh
- 20329 BISWELL, H. H., and others. Native forage plants: species utilized by beef cattle on forest range in the North Carolina Coastal Plain. N. C. Agr. Expt. Sta. B. 353, 27 p. 1945. 100 N81  
R. W. Collins, J. E. Foster, and T. S. Boggess, Jr., joint authors.
- 20330 MAYO, S. C. Negro hospital and medical care facilities in North Carolina. N. C. Agr. Expt. Sta. Prog. Rpt. RS-5, 20 p., processed. 1945. 100 N81P
- North Dakota Agricultural Experiment Station, State College Station, Fargo
- 20331 STEVENS, O. A. Cultivation of milkweed. N. Dak. Agr. Expt. Sta. B. 333, 19 p. 1945. 100 N813
- 20332 PINCKNEY, A. J. Composition and vitality of quack grass roots. N. Dak. Agr. Expt. Sta. B. 334, 16 p. 1945. 100 N813
- 20333 GOODEARL, G. P. Selection of feeds by growing turkeys. N. Dak. Agr. Expt. Sta. B. 335, 19 p. 1945. 100 N813  
Report upon the results obtained from a research project entitled "Free selection of feed by growing turkeys."
- 20334 FROMERSBERGER, W. J. Insulation for farm buildings. N. Dak. Agr. Expt. Sta. B. 336, 14 p. 1945. 100 N813
- 20335 EDGAR, A. D., and LONG, T. E. Ventilating Red River Valley potato storage structures. N. Dak. Agr. Expt. Sta. C. 72, 8 p. 1944. 100 N813
- Oklahoma Agricultural Experiment Station, Stillwater
- 20336 DUNLAVY, H., and PARROTT, I. M. Mechanical harvesting of cotton. Okla. Agr. Expt. Sta. B. 286, 20 p. 1945. 100 Ok4
- 20337 THAYER, R. H., and THOMPSON, R. B. The Oklahoma farm egg sealer: a method of sealing fresh-laid quality into eggs on the farm. Okla. Agr. Expt. Sta. B. B-287, 14 p. 1945. 100 Ok4
- 20338 DARLOW, A. E., and others. Supplements for fattening two-year-old steers on grass. I. Results for 1945. II. Summary of results secured in three-year-study. Okla. Agr. Expt. Sta. Mimeog. C. M-149, 5 p. 1945. 100 Ok4M  
V. G. Heller, J. C. Hillier, D. Campbell, B. R. Taylor, D. Stephens, H. M. Briggs, and J. A. Hoefer, joint authors.



20339 FARM research flashes. 6 p., processed. Sept. 1945. 100 Ok4F

South Dakota Agricultural Experiment Station, Brookings

20340 BUCHHOLTZ, W. F., and NAGEL, C. M. Leaf curl and pockets control by a lime-sulphur dormant spray. S. Dak. Agr. Expt. Sta. B. 380, 7 p. 1945. 100 So82

Control of Taphrina communis on plums and sand cherries (*Prunus besseyi*).

Tennessee Agricultural Experiment Station, Knoxville

20341 BONSER, H. J., MANTLE, C. C., and ALLRED, C. E. Agricultural history of Knox County, Tennessee. Part I. From the beginning to 1860. Tenn. Agr. Expt. Sta. Rural Res. Ser. Monog. 186, 27 p., processed. 1945. 173.2 W89Co

20342 BONSER, H. J., and MANTLE, C. C. Agricultural history of Knox County, Tennessee. Part II. From 1860 to 1900. Tenn. Agr. Expt. Sta. Rural Res. Ser. Monog. 187, 43 p., processed. 1945. 173.2 W89Co

20343 BONSER, H. J., and MANTLE, C. C. Agricultural history of Knox County, Tennessee. Part III. From 1900 to 1940. Tenn. Agr. Expt. Sta. Rural Res. Ser. Monog. 188, 37 p., processed. 1945. 100 W89Co

20344 FIFTY-FIFTH annual report of the Tennessee Agricultural Experiment Station, for 1942. 111 p. 1943. 100 T25S

20345 FIFTY-SIXTH annual report of the Tennessee Agricultural Experiment Station, 1943. 115 p. 1944. 100 T25S

Texas Agricultural Experiment Station, College Station

20346 HANSEN, F. E., ARBUCKLE, W. S., and SHEPARDSON, C. N. Factors affecting the quality of Texas butter as revealed by a statewide survey. Tex. Agr. Expt. Sta. B. 670, 31 p. 1945. 100 T31S

20347 GRIMES, M. A. The effect of foreign matter on the grade, staple and price of cotton. Tex. Agr. Expt. Sta. Prog. Rpt. 954, 5 p., processed. 1945. 100 T31P

20348 BRITTINGHAM, W. H. Variety tests of edible cowpeas. Tex. Agr. Expt. Sta. Prog. Rpt. 955, 3 p., processed. 1945. 100 T31P

20349 JONES, J. M., and others. The effect of mineral supplements in fattening rations for weaned beef calves at the U. S. Dry Land Field Station, Big Spring, Texas, November 1, 1944 to May 2, 1945 - 182 days. Tex. Agr. Expt. Sta. Prog. Rpt. 957, 3 p., processed. 1945. 100 T31P

R. E. Patterson, J. H. Jones, W. H. Black, N. R. Ellis, and F. E. Keating, joint authors.

20350 POTTS, R. C., and HENSEL, R. L. Some preliminary trials with rescue grass. Tex. Agr. Expt. Sta. Prog. Rpt. 959, 1 p., processed. 1945. 100 T31P

20351 RESEARCH serves agriculture: fifty-seventh annual report of the Texas Agricultural Experiment Station, 1944. 49 p. 1945. 100 T31S

Utah Agricultural Experiment Station, Logan

20352 STODDART, L. A., and RASMUSSEN, D. I. Deer management and range livestock production. Utah. Agr. Expt. Sta. C. 121, 17 p. 1945. 100 Ut1

20353 FARM and home science, v. 6, No. 3, 12 p. Sept. 1945. 100 Ut1F

Virginia Agricultural Experiment Station, Blacksburg

20354 POTTER, P. B., and BILLER, E. E. Electrical toast-making. Va. Agr. Expt. Sta. B. 374, 22 p. 1945. 100 V81S

Washington Agricultural Experiment Station, Pullman

20355 FISCHER, G. W., and HIRSCHHORN, E. The Ustilaginales or "smuts" of Washington. Wash. Agr. Expt. Sta. B. 459, 84 p. 1945. Ref., p. 83-84. 100 W27E

20356 KREIZINGER, E. J., and LAW, A. G. Alfalfa in eastern Washington. Wash. Agr. Expt. Sta. B. 462, 32 p. 1945. 100 W27E

20357 ASHWORTH, U. S., MCGREGOR, M., and BENDIXEN, H. A. The carotene and vitamin A content of creamery butter produced in Washington. Wash. Agr. Expt. Sta. B. 466, 8 p. 1945. 100 W27E

20358 DANIEL, T. W., and ENSMINGER, M. E. Grazing on the cutover lands in western Washington: a preliminary report on the utilization of the non-restocking cutover lands of western Washington for grazing. Wash. Agr. Expt. Sta. Pop. B. 179, 44 p. 1945. 100 W27E



STATE AGRICULTURAL EXTENSION SERVICE PUBLICATIONS

Includes State Agricultural Extension Service publications received in the library during the preceding month. Articles in Extension periodicals containing more than one article in an issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Extension Services are not available from the U. S. Department of Agriculture but are often available from the publishing State Extension Service.

Mimeographed or processed material issued by the State Agricultural Extension Services is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Arkansas University, College of Agriculture, Agricultural Extension Service, Little Rock

- 20359 ALLEN, E. J. Home vegetable garden in Arkansas. Ark. Agr. Col. Ext. C. 140, rev., 28 p. 1945. 275.29 Ar4
- 20360 RANDOLPH, B. Methods of preserving peaches. Ark. Agr. Col. Ext. C. 294, rev., 4 p. 1945. 275.29 Ar4
- 20361 BAERG, W. J. Beekeeping. Ark. Agr. Col. Ext. C. 326, rev., 17 p. 1945. 275.29 Ar4
- 20362 LINCOLN, C. Prevention and control of household pests. Ark. Agr. Col. Ext. C. 362, rev., 19 p. 1945. 275.29 Ar4
- 20363 VANNOY, J. 4-H Club manual in foods and cookery. Ark. Agr. Col. Ext. C. 369, rev., 8 p. 1945. 275.29 Ar4
- 20364 POLLARD, W. S. 4-H Club manual in poultry. Ark. Agr. Col. Ext. C. 377, rev., 11 p. 1945. 275.29 Ar4
- 20365 ALLEN, E. J., and ALSTON, C. 4-H Club manual in sweet potato production, handling, and marketing. Ark. Agr. Col. Ext. C. 381, rev., 10 p. 1945. 275.29 Ar4
- 20366 VANNOY, J. Lunch box meals. Ark. Agr. Col. Ext. C. 435, 10 p. 1945. 275.29 Ar4
- 20367 LINCOLN, C., and ISELY, D. Armyworms and cutworms. Ark. Agr. Col. Ext. C. 436, 10 p. 1945. 275.29 Ar4
- 20368 LINCOLN, C., and MINER, F. D. Insect pests of grain, hay, and pasture crops. Ark. Agr. Col. Ext. C. 437, 19 p. 1945. 275.29 Ar4
- 20369 LINCOLN, C. Control garden insects. Ark. Agr. Col. Ext. C. 438, 15 p. 1945. 275.29 Ar4  
Colored illustrations.
- 20370 GATES, A. D. Let's give them a fair chance; a statement ... regarding the return of war veterans and war workers to the land. Ark. Agr. Col. Ext. Leaflet 66, 4 p. 1945? 275.29 Ar4Le
- 20371 MAUNEY, R. Arkansas farm outlook for 1945. Ark. Agr. Col. Ext. Leaflet 67, 8 p. 1945? 275.29 Ar4Le
- 20372 VANNOY, J. Green salads. Ark. Agr. Col. Ext. Leaflet 68, 6 p. 1945. 275.29 Ar4Le
- 20373 RANDOLPH, B. Preparation of fruits and vegetables for freezing. Ark. Agr. Col. Ext. Leaflet 69, 8 p. 1945. 275.29 Ar4Le
- 20374 MAUNEY, R. The farm you are going to buy - how much debt will it carry? Ark. Agr. Col. Ext. Misc. P. 8, 4 p. 1945? 275.29 Ar4M1
- 20375 MAUNEY, R. Types of farming in Arkansas. Ark. Agr. Col. Ext. Misc. P. 10, 7 p. 1945. 275.29 Ar4M1

20376 MARSHALL, S. Instructions for paperhanging. Ark. Agr. Col. Ext. Misc. P. 11, 8 p., processed. 1945? 275.29 Ar4M1

20377 BLACKMON, A. A. Arkansas farm family food supply plan. Ark. Agr. Col. Ext. Misc. P. 12, 4 p. 1945? 275.29 Ar4M1

California University, College of Agriculture, Agricultural Extension Service, Berkeley

20378 HOW TO pick prunes. Calif. Agr. Col. Ext. Emergency Farm Labor Leaflet 16, 4 p. 1945. 275.29 Cl2Em

Also published in German and Spanish.

Colorado State College of Agriculture, Extension Service, Fort Collins

20379 PASCHAL, J. L., ROSKELLEY, R. W., and DRAGE, C. M. How to pick canning tomatoes; good methods facilitate easier picking. Colo. State Col. Agr. Ext. C. 136-A, 4 p. 1945. 275.29 C71Ci

Also published in German and Spanish.

20380 ROSKELLEY, R. W., PASCHAL, J. L., and DRAGE, C. M. Suggestions for picking peaches. Colo. State Col. Agr. Ext. C. 138-A, 4 p. 1945. 275.29 C71Ci

Also published in German and Spanish.

Connecticut University, College of Agriculture, Agricultural Extension Service, Storrs

20381 TINGLEY, K. A. Tailoring techniques. Conn. Agr. Col. Ext. B. 371, 23 p. 1945. 275.29 C76B

Georgia University, College of Agriculture, Agricultural Extension Service, Athens

20382 BAGSDALE, E. Victory garden guide (for a family of 4 or 5). Ga. Agr. Col. Ext. C. 296, rev., 4 p. 1944. 275.29 G29C

Idaho University, College of Agriculture, Extension Service, Moscow

20383 THEOPHILUS, D. R., HOLM, G. C., and ANDERSON, G. C. Artificial insemination of dairy cows. Idaho. Agr. Col. Ext. C. 85, 4 p. 1945. 275.29 Id13C

20384 SHULL, W. E., HOLM, G. C., and MANIS, H. C. Tick control on sheep. Idaho. Agr. Col. Ext. C. 88, 4 p. 1945. 275.29 Id13C

Melophagus ovinus and Dermacentor venustus.

20385 STATE prize winners for labor-saving ideas. Idaho. Agr. Col. Ext. Rural Electrification Leaflet 67, 2 p. 1945. 275.29 Id13Ir

20386 IDAHO farms strike the arc; [selection and use of arc welders]. Idaho. Agr. Col. Ext. Rural Electrification Leaflet 68, 2 p. 1945. 275.29 Id13Ir

20387 SHULL, W. E., and HOLM, G. C. Control cattle grubs [Hypoderma]. Idaho. Agr. Col. Ext. War C. 42, 4 p. 1945. 275.29 Id13Wa

20388 HABERLY, M. Vegetables for health [cooking to conserve nutritive values]. Idaho. Agr. Col. Ext. War C. 43, 3 p. 1945? 275.29 Id13Wa

Illinois University, College of Agriculture, Extension Service, Urbana

20389 LIVESTOCK and feed outlook for Illinois, 1945-46. Ill. Agr. Col. Ext. AE2338, 13 p., processed. 1945. 275.29 I162P

20390 MOSHER, M. L., and others. Three-year report of the farm bureau farm management service on 150 farms in northeast Illinois, 1942-1943-1944; [costs and returns]. Ill. Agr. Col. Ext. AE2342, 24 p., processed. 1945. 275.29 I162P

F. J. Reiss, E. M. Hughes, and H. L. Jepson, joint authors.



- 20391 LEHMANN, E. W., and HAY, R. C. Save the soil with contour farming and terracing. Ill. Agr. Col. Ext. C. 513, rev., 44 p. 1944. 275.29 I162C
- 20392 LINN, M. B. Vegetable seed treatments for the commercial grower. Ill. Agr. Col. Ext. H353, 3 p., processed. 1944. 275.29 I162Ph  
Also have supplement, H359, 1 p., processed. 1944.
- 20393 PUBLICATIONS for homemakers. Ill. Agr. Col. Ext. HEE2017, 12 p., processed. 1945. 275.29 I162Phee
- 20394 FREEMAN, R. C., and CROUCH, I. Wartime pattern of saving and spending ... fifteenth state summary of 340 Illinois farm family accounts - 1943. Ill. Agr. Col. Ext. HEE3239, 9 p., processed. 1944. 275.29 I162Phee
- 20395 FREEMAN, R. C., and CROUCH, I. Key to farm family financial planning, sixteenth state summary 300 Illinois farm family accounts, 1944. Ill. Agr. Col. Ext. HEE3316, 25 p., processed. 1945. 275.29 I162Phee
- 20396 WHITLOCK, M. C. Making a good-looking dress, some things to watch. Ill. Agr. Col. Ext. HE-P53, 15 p. 1944. 275.29 I162Phep
- 20397 LINDSTROM, D. E. Manual on rural school district reorganization. Ill. Agr. Col. Ext. RSE103 (AE2292), 13 p., processed. 1945. 275.29 I162Pr
- 20398 INTERNATIONALISM at Christmas. Ill. Agr. Col. Ext. Y219, 3 p., processed. 1944. 275.29 I162Py  
Radio broadcast.
- 20399 PREPARING the news story. Ill. Agr. Col. Ext. Y222a, 3 p., processed. 1944. 275.29 I162Py
- 20400 PRESS and radio project (rural youth). Ill. Agr. Col. Ext. Y222b, 3 p., processed. 1944. 275.29 I162Py
- Indiana - Purdue University, Agricultural Extension Service, Lafayette
- 20401 INDIANA father and son farm agreement. 10 p., processed. Purdue U. Agr. Ext., 1945. 275.2 In21
- Louisiana State University and Agricultural and Mechanical College, Division of Agricultural Extension, University Station, Baton Rouge
- 20402 ARBOUR, M. B. Recipe for writing the ag news story. La. Agr. Col. Ext. C. 257, 10 p. 1945. 275.29 I93C
- 20403 FERGUSON, B. L. The 4-H Club member grows a garden. La. Agr. Col. Ext. 4-H Club Ser. 3, rev., 20 p. 1944. 275.29 I93Fou
- Massachusetts State College, Extension Service, Amherst
- 20404 BOURNE, A. I. Apple maggot or "railroad worm" [Rhagoletis pomonella]. Mass. State Col. Ext. Spec. C. 9, rev., 2 p., processed. 1944. 275.29 M381Sc
- Missouri University, College of Agriculture, Agricultural Extension Service, Columbia
- 20405 FITZGERALD, M., and WOODRUFF, L. Weaving chair seats. Mo. Agr. Col. Ext. C. 519, 18 p. 1945. 275.29 M69C
- 20406 COLEMAN, O. T. Organization of soil districts in Missouri. Mo. Agr. Col. Ext. C. 520, 4 p. 1945. 275.29 M69C
- Nebraska University, College of Agriculture, Agricultural Extension Service, Lincoln
- 20407 LOPER, R. M. Corn crib ventilators. Nebr. Agr. Col. Ext. Agr. Engin. Inform. Ser. 18, 5 p., processed. 1945. 275.29 N272Age
- 20408 LOPER, R. M., and LARSEN, L. F. Homemade portable elevator. Nebr. Agr. Col. Ext. Agr. Engin. Inform. Ser. 19, 10 p., processed. 1945. 275.29 N272Age
- 20409 LARSEN, L. F. Post hole digger. Nebr. Agr. Col. Ext. Agr. Engin. Inform. Ser. 22, 6 p., processed. 1945. 275.29 N272Age  
Includes blue prints for five types of diggers.
- 20410 LOPER, R. M. Penetrating oils for floor finishes. Nebr. Agr. Col. Ext. Agr. Engin. Inform. Ser. 23, 6 p., processed. 1945. 275.29 N272Age
- 20411 LARSEN, L. F. Homemade siphon tube suction pump. Nebr. Agr. Col. Ext. Agr. Engin. Inform. Ser. 25, 2 p., processed. 1945. 275.29 N272Age
- 20412 RURAL program with Christmas suggestions. Nebr. Agr. Col. Ext. C. 547, [rev.], 11 p., processed. 1944. 275.29 N272Ex
- 20413 STOCKWELL, H. J. Pasture contour furrowing. Nebr. Agr. Col. Ext. C. 775, 2 p., processed. 1945. 275.29 N272Ex
- 20414 FOUR evergreens for Nebraska. Nebr. Agr. Col. Ext. C. 1725, 4 p. 1945. 275.29 N272Ex
- 20415 GRASS and legumes for land and livestock. 1945 Nebraska pasture-forage-livestock-program. Nebr. Agr. Col. Ext. Campaign C. 82, 31 p. 1945. 275.29 N272Cc
- 20416 HEALTHY chicks are profitable; pullorum disease is being controlled. Nebr. Agr. Col. Ext. CC-86, 2 p., processed. 1945. 275.29 N272Cc
- 20417 BARAGAR, A., and HUNNALLS, M. E. Pressure cooker gauge testers. Nebr. Agr. Col. Ext. CC-88, 4 p., processed. 1945. 275.29 N272Cc
- 20418 SAVE the quick growers for breeders. Nebr. Agr. Col. Ext. CC-89, 2 p., processed. 1945. 275.29 N272Cc  
Poultry.
- 20419 SONG-a-month. Nebr. Agr. Col. Ext. Music C. 66, 9 p., processed. 1944. 275.29 N272Mu
- 20420 A GUIDE to conservation farming in the Johnson County soil conservation district, Nebraska. 18 p., processed. Nebr. Agr. Col. Ext., 1945. 275.2 N27G
- Nevada University, College of Agriculture, Agricultural Extension Service, Reno
- 20421 BILLINGS, W. D. Nevada trees [description and identification]. Nev. Agr. Col. Ext. B. 94, 102 p. 1945. 275.29 N41
- New Mexico College of Agriculture, Extension Service, State College
- 20422 CURRY, A. S. Irrigation structures and implements. N. Mex. Agr. Col. Ext. C. 92, rev., 50 p. 1944. 275.29 N463E
- 20423 FITE, A. B. Growing a home garden in New Mexico. N. Mex. Agr. Col. Ext. C. 142, rev., 39 p. 1944. 275.29 N463E
- 20424 SCHNEIDER, G. W., and FITE, A. B. Hot beds and coldframes. N. Mex. Agr. Col. Ext. C. 164, rev., 15 p. 1944. 275.29 N463E
- 20425 WOODARD, E. M. Fixing foods for freezing. N. Mex. Agr. Col. Ext. C. 204, 14 p. 1945. 275.29 N463E
- New York State College of Agriculture and Home Economics, Extension Service, Cornell University, Ithaca
- 20426 LIST of publications, Cornell University Agricultural Experiment Station and New York State Colleges of Agriculture and Home Economics. N. Y. Agr. Col. Cornell Ext. B. 47, rev., 29 p. 1945. 275.29 N48E
- 20427 GUSTAFSON, A. F. Drainage, plowing, seed-bed preparation, and cultivation in New York. N. Y. Agr. Col. Cornell Ext. B. 183, rev., 32 p. 1945. 275.29 N48E



20428 RALEIGH, G. J. Onion production on muck soils. N. Y. Agr. Col. Cornell Ext. B, 674, 10 p. 1945. 275.29 N48E

20429 CUNNINGHAM, L. C. Feed situation [1945-46] 3 p., processed. N. Y. (Cornell) Agr. Col. Ext. Cornell Feed Serv., Sept. 1945. 275.29 N48Cf

20430 HOW TO improve your pastures in 1945. 4 p. N. Y. (Cornell) Agr. Col. Ext. Dairy Farm Serv. Let., 1945. 275.29 N48D

20431 1945 WAR FOOD program: keep your cows milking in July and August. 4 p. N. Y. (Cornell) Agr. Col. Ext. Dairy Farm Serv. Let., 1945? 275.29 N48D

20432 SERVISS, G. H. Nitrogen makes timothy grow; management of early pastures. 4 p. N. Y. (Cornell) Agr. Col. Ext. Dairy Farm Serv. Let., 1944. 275.29 N48D

Colored illustrations.

20433 SERVISS, G. H. Seeding meadows in 1945. 4 p. N. Y. (Cornell) Agr. Col. Ext. Dairy Farm Serv. Let., 1945? 275.29 N48D

20434 TAYLOR, J. S. 1945 war food program; artificial breeding. 4 p. N. Y. (Cornell) Agr. Col. Ext. Dairy Farm Serv. Let., 1945? 275.29 N48D

20435 ENEMIES of poultry. 4 p. N. Y. (Cornell) Agr. Col. Ext. Poultry Farm Serv. Let., 1945? 275.29 N48P

Wildlife, cats, and dogs as predators.

North Dakota Agricultural College, Extension Service, State College Station, Fargo

20436 BRENTZEL, W. E. Seed treatments for potatoes. N. Dak. Agr. Col. Ext. C. 102, rev., 4 p. 1944. 275.29 N812

20437 MURRAY, D. L. Raising dairy calves. N. Dak. Agr. Col. Ext. Spec. C. 2, rev., 6 p. 1944. 275.29 N812Sa

Ohio State University, College of Agriculture, Agricultural Extension Service, Columbus

20438 KAUFFMAN, L. A., and BEAR, L. K. Sheep raising in Ohio. Ohio. Agr. Col. Ext. B. 68, 10th ed., rev., 63 p. 1945. Ref., p. 23. 275.29 Oh32

20439 JONES, E., and YODER, R. E. 1945 fertilizer recommendations for wheat, other fall-sown grains, and permanent pastures. Ohio. Agr. Col. Ext. B. 257, rev., 4 p. 1945. 275.29 Oh32

20440 FERGUSON, C. M. Do you dress chickens? Here's how! Ohio. Agr. Col. Ext. B. 263, 15 p. 1945. 275.29 Oh32

20441 BEALL, T. Now's the time to take care of electric equipment. Ohio. Agr. Col. Ext. R. E. - C. 78, 1 p. 1945? 275.29 Oh32Rec

20442 BLAUSER, I. P. Electricity on the poultry farm. Ohio. Agr. Col. Ext. R. E. - C. 79, 1 p. 1945. 275.29 Oh32Rec

Pennsylvania State College, Agricultural Extension Service, State College

20443 MCDOWELL, M. C. The 4-H girl's wardrobe, [clothing clubs]. Pa. State Col. Agr. Ext. C. 199, rev., 40 p. 1944. 275.29 P38C

South Carolina, Clemson Agricultural College, Extension Service, Clemson

20444 NAPIER, J. M. Triple-A tools for better farm living and victory. Clemson Agr. Col. S. C., Ext. C. 272, 8 p. 1945. 275.29 So8E

20445 WARTIME farming in South Carolina, 1944. Annual report of Director Cooperative Extension Work, South Carolina, 1944. 44 p. Clemson Agr. Col. S. C. Ext., 1945? 275.29 So8A

South Dakota State College of Agriculture, Extension Service, Brookings

20446 VITAMINS for victory: A. S. Dak. State Col. Agr. Ext. Vitamin Leaflet 1, 6 p., processed. 1945. 275.29 So85V

20447 KELLOGG, M., and HOTT, N. M. Vitamins for victory: B<sub>1</sub>. S. Dak. State Col. Agr. Ext. Vitamin Leaflet 2, 6 p., processed. 1945? 275.29 So85V

20448 KELLOGG, M., and HOTT, N. M. Vitamins for victory: B<sub>2</sub>. S. Dak. State Col. Agr. Ext. Vitamin Leaflet 3, 6 p., processed. 1945? 275.29 So85V

20449 KELLOGG, M., and HOTT, N. M. Vitamins for victory, B, nicotinic acid. S. Dak. State Col. Agr. Ext. Vitamin Leaflet 4, 6 p., processed. 1945? 275.29 So85V

20450 KELLOGG, M., and HOTT, N. M. Vitamins for victory: C. S. Dak. State Col. Agr. Ext. Vitamin Leaflet 5, 6 p., processed. 1945? 275.29 So85V

Tennessee University, College of Agriculture, Agricultural Extension Service, Knoxville

20451 CHADWELL, A. J. Care and feeding of baby chicks. Tenn. Agr. Col. Ext. P. 155, rev., 8 p. 1944. 275.29 T25

20452 GUTHRIE, M. L., and KEMMER, M. A food supply program for Tennessee farm homes. Tenn. Agr. Col. Ext. P. 207, rev., 4 p. 1944. 275.29 T25

20453 HENDRICKS, H. E. Alfalfa in the Tennessee farm program. Tenn. Agr. Col. Ext. P. 213, rev., 8 p. 1944. 275.29 T25

20454 HENDRICKS, H. E. How to build and conserve your soil. Tenn. Agr. Col. Ext. P. 233, rev., 16 p. 1944. 275.29 T25

Texas Agricultural and Mechanical College, Agricultural Extension Service, College Station

20455 1944 ANNUAL report, Texas A. and M. College, Extension Service. Tex. Agr. Col. Ext. B-7, 23 p. 1945? 275.29 T312A

Virginia Agricultural and Mechanical College and Polytechnic Institute, Agricultural Extension Division, Blacksburg

20456 DICKERSON, W. H., JR., and SWINK, E. T. Handbook on design and operation of barn hay driers. Va. Agr. Col. Ext. B. 159, 15 p. 1944. 275.29 V81B

Washington State College, Extension Service, Pullman

20457 DAVIS, E. Home canning of fruits and vegetables. Wash. State Col. Ext. B. 183, rev., 17 p. 1944. 275.29 W27P

20458 DAVIS, E. Preservation of farm products by freezing. Wash. State Col. Ext. B. 230, rev., 16 p. 1944? 275.29 W27P

20459 CONTROL of codling moth [Carpocapsa pomonella], orchard mite, aphid and scale [Coccidae], in eastern Washington, 1944. Wash. State Col. Ext. B. 279, rev., 11 p. 1944. 275.29 W27P

Washington Agricultural Experiment Station, Washington Extension Service and Washington State Department of Agriculture cooperating.

20460 BROILER and fryer production in Washington. Wash. State Col. Ext. B. 329 (Poultry Pointers 35, rev.), 7 p. 1945. 275.29 W27P

20461 HILL, O. J., WOLBERG, F. B., and SPIELMAN, A. A. Grass silage. Wash. State Col. Ext. C. 57, rev., 4 p. 1944. 275.29 W27C

20462 SNYDER, J. C. Suggestions to peach pickers. Wash. State Col. Ext. C. 66, rev., 9 p. 1945. 275.29 W27C



- 20463 SNYDER, J. C. Suggestions to apple pickers. Wash. State Col. Ext. C. 67, 2d rev., 9 p. 1945. 275.29 W27C
- 20464 POND, E. Labor-saving adjustable ironing board. Wash. State Col. Ext. C. 96, 4 p. 1945. 275.29 W27C
- 20465 DAVIS, E. 4-H meal preparation luncheon club. Wash. State Col. Ext. 4-H Club C. 15, rev., 23 p. 1944. 275.29 W27Fh
- 20466 NICHOLS, M. B. 4-H dairy club series, feeding, care, and management of the dairy heifers. Wash. State Col. Ext. 4-H Club C. 28, rev., 12 p. 1945. 275.29 W27Fh
- 20467 FEEDING and management of layers. Wash. State Col. Ext. Poultry Pointers No. 20, rev., 7 p. 1944. 275.29 W27Pou

West Virginia University, College of Agriculture,  
Agricultural Extension Service, Morgantown

- 20468 FERTILIZERS for West Virginia ... (Recommendations are based on results obtained by the West Virginia Agricultural Experiment Station). W. Va. Agr. Col. Ext. C. WS 12, rev., 8 p. 1944. 100.W52C
- 20469 WASMUTH, G. V. New life for old furnishings household equipment. W. Va. Agr. Col. Ext. Good Living Ser. 12, Home Mangt. No. 3, 6 p. 1945? 275.29 W522G
- 20470 FARWELL, J. Community recreation. W. Va. Agr. Col. Ext. Good Living Ser. 12, Recreation No. 2, 6 p. 1945? 275.29 W522G
- 20471 FARWELL, J. Having fun at home. W. Va. Agr. Col. Ext. Good Living Ser. 12, Recreation No. 3, 6 p. 1945? 275.29 W522G

BOOKS AND PAMPHLETS

Includes books and pamphlets on agriculture and closely related subjects, except restricted publications, not included in the foregoing sections which have been added to the library during the preceding month. Numbered serial publications are listed in the section on Periodical and Serial Literature.

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

- 20472 ADDAMS, J. Peace and bread in time of war. With a new introductory essay by J. Dewey. Anniversary ed., 1915-1945. 267 p. N. Y., King's Crown Press, 1945. 280 A42P
- 20473 ALDRICH, W. W. The bases for world trade. (Address.) 18 p. N. Y., Chase Natl. Bank, 1945. 286 A122
- 20474 BONDURANT, J., and others. Farming opportunities after the war in the North Central Region. Pt. I. Bibliography...Pt. II. Summary of more important points discussed in publications. Prepared for North Central Regional Land Tenure Committee. 17 p., processed. n. p., 1945? 241.3 B642
- O. R. Johnson, J. Ackerman, and G. E. Young, joint authors.
- 20475 THE BRITISH farmer's battle - and victory. 37 p. London, Printed by Hudson & Stracey, n. d. 281.171 B773
- 20476 BRUNNER, E. DE S., SANDERS, I. T., and ENSMINGER, D., eds. Farmers of the world; the development of agricultural extension. 208 p. N. Y., Columbia U. Press, 1945. 275.2 B83
- Contents: What extension is, by D. Ensminger and I. T. Sanders, p. 1-7; Diversity and change in the culture of nonliterate peoples, by S. T. Kimball, p. 8-18; Extension work in the Pacific Islands, by

F. M. Keesing, p. 19-36; Characteristics of peasant societies, by I. T. Sanders, p. 37-45; Promoting cooperative agricultural extension service in China, by H. P. Yang, p. 46-60; Extension experience in India, by D. S. Hatch, p. 61-77; Extension work among the Arab fellahin, by A. I. Tannous, p. 78-100; Extension in the Balkans, by C. E. Whipple, p. 101-116; Extension work in Latin America, by C. P. Loomis, p. 117-137; Euro-American rural society, by C. C. Zimmerman, p. 138-152; Extension in the United Kingdom, by R. Rae, p. 153-164; Agricultural extension services in Northwest Europe, by P. L. Yates and L. A. H. Pieters, p. 165-179; Agricultural extension in the United States, by E. de S. Brunner and C. B. Smith, p. 180-192; The role of extension in world reconstruction, by M. L. Wilson and E. de S. Brunner, p. 193-199.

- 20477 CANNON, M. C. Social and labor programs of Peru and Uruguay; a study in contrasts. 22 p. Washington, U. S. Dept. of Labor, Women's Bur., Inter-Amer. Div., 1945. 158.93 S01
- 20478 CHICAGO UNIVERSITY. CENTER FOR THE STUDY OF AUDIO-VISUAL INSTRUCTIONAL MATERIALS. A bibliography on motion pictures in education, 1940-1944. 58 p., processed. Chicago, 1945? 241.25 C43
- Includes agricultural references.
- 20479 CHILE. MINISTERIO DE AGRICULTURA. Plan agrario. 332 p. Santiago, Imprenta Universitaria, 1945. 281.164 C432
- 20480 CHRISTY, A. E., ed. The Asian legacy and American life. 276 p. N. Y. Day, 1945. 280.18 C46
- Includes Our agricultural debt to Asia, by W. T. Swingle, p. 84-114.
- 20481 CONGRESO NACIONAL DE COOPERATIVAS DE COLOMBIA, 1, Medellín, 1943. La cooperación en Colombia. 90 p. Medellín, Editorial Granamerica, 1945. 280.29 C879
- 20482 COUNCIL OF STATE GOVERNMENTS. Grants-in-aid and other Federal expenditures within the States. 47 p., processed. Chicago, 1945. 284 C834
- Includes agriculture.
- 20483 EASTERBY, J. E., ed. The South Carolina rice plantation, as revealed in the papers of R. F. W. Allston. 478 p. Chicago, U. of Chicago Press, 1945. (Amer. Hist. Assoc.) 281.077 Ea7
- Section on production and marketing.
- 20484 ECONOMIC RESEARCH GROUP. Economic development in S. E. Europe, including Poland, Czechoslovakia, Austria, Hungary, Roumania, Yugoslavia, Bulgaria and Greece; with an introduction by D. Mitrany. 165 p. London, PEP (Political and Econ. Planning), distributed by Oxford U. Press, 1945. 280.177 Ec7
- Chapters on nutrition and food and agriculture.
- 20485 HARRIS, S. E., ed. Economic reconstruction. 424 p. N. Y., McGraw-Hill, 1945. 280.12 H242E
- Partial contents: Agricultural and industrial problems in conversion from war to peace, by M. Ezekiel, p. 21-35; Postwar agriculture in the United States: Problems and policies, by J. D. Black and C. D. Hyson, p. 36-58; Man power and reconversion, by W. Haber, p. 95-123; The redistribution of the labor force, by C. D. Stewart, p. 146-159; Economic controls in postwar transition, by J. M. Clark, p. 181-195; Development of price control and transition price problems, by D. H. Wallace, p. 196-216; International commodity controls; cartels and commodity agreements, by E. S. Mason, p. 217-233; Some factors affecting the future of international trade and international economic policy, by G. Haberler, p. 319-335; and Social security, by E. M. Burns, p. 381-396.
- 20486 JONES, R. C. Mexican war workers in the United States; the Mexico-United States manpower recruiting power and its operation. 46 p., processed. Washington, D. C., Pan Amer. Union, Div. of Labor and Social Inform., 1945. 150.91 J72M



- 20487 KEARNEY, E. O. Selected readings on migratory agricultural labor. 19 p., processed. Washington, Social Security Bd. Libr., 1944. 173.2 SolSer
- 20488 LAUR, E. Contributions to post-war international and economic policy. II. The International Confederation of Agriculture and the renewal of international collaboration in the field of agriculture. 36 p. Brugg, Switzerland, Effingerhof, 1945. (Internatl. Confederation of Agr. - I. C. A.) 281.9 C769
- 20489 LINCOLN, M. D. People keep moving! 15 p. Chicago, Coop. League of the U. S. A., 1944. 280.2 L63P  
Cooperation.
- 20490 LIVERSAGE, V. Land tenure in the colonies. 151 p. Cambridge, Eng., U. Press, 1945. 282.171 L75
- 20491 MASTERS, R. D. Handbook of international organizations in the Americas. 453 p. Washington, D. C., Carnegie Endowment for Internatl. Peace, Div. of Internatl. Law, 1945. 280 C21H  
Includes agricultural organizations.
- 20492 MERRIAM, C. E. Systematic politics. 349 p. Chicago, U. of Chicago Press, 1945. 280 M55S  
Reference in Chapter I to the agrarian group and the status of the farmer.
- 20493 MINCER, T. The agrarian problem in Poland. 75 p. London, Polish Res. Centre, 1944. 282.177 M66
- 20494 MOLINARI, A. M. El drama de la tierra en la Argentina; la ley de colonización y la enmienda Palacios. Ed. 2, 252 p. Buenos Aires, Claridad, 1944. (Biblioteca de Escritores Argentinos, v. 16) 282.2 M73
- 20495 MOULTON, E. L. New Mexico's future; an economic and employment appraisal. 153 p. Albuquerque, N. Mex., Com. for Econ. Devlpmt., 1945. 280.059 M86  
Includes agricultural conditions.
- 20496 \*NARAYANASWAMY, B. V., and NARASIMHAN, P. S. The economics of Indian agriculture. Pt. 1. Ed. 2, rev., 268 p. Madras, Rochouse, 1944. 281.182 N16  
Includes the need for development in agriculture, indebtedness, credit, and cooperation.
- 20497 NEVADA. STATE PLANNING BOARD. A six-year plan for the economic and social development of the State of Nevada, period 1945/1951. 99 p., processed. Carson City, 1944. 280.7 N41S  
Includes health and sanitation, development and conservation of natural resources, and education.
- 20498 NOELIN, G. The quest of American life. 280 p. Boulder, Colo., U. of Colorado, 1945. (U. of Colorado Studies. Ser. B. Studies in the Humanities, v. 2, No. 3) 277.12 N77  
Scattered references to the farmer and the land.
- 20499 PEARSON, H. S. Country flavor. 112 p. N. Y., McGraw-Hill, 1945. 281.2 P312
- 20500 PROGRESSIVE FARMER (AND SOUTHERN RURALIST. GEORGIA-ALABAMA-FLORIDA EDITION). More jobs, higher prices, better marketing, lower production costs, improved living standards through new rural industries that fit your community. 15 p. Birmingham, Ala., 1945? 281.002 P94
- 20501 \*SHEPILOV, D. Sotsialisticheskaya kolkhoznaia sobstvennost'. 134 p. Leningrad, Politizdat pri TSK VKP(b), 1940. 281.179 Sh4  
Policies and programs.
- 20502 U. S. BUREAU OF RECLAMATION. Types of farming. Columbia Basin joint investigations. Problem 2. 320 p. Washington, 1945. 156.85 T98
- 20503 U. S. CONGRESS. HOUSE. COMMITTEE ON AGRICULTURE. Agricultural Credit Act. Hearings...79th Cong., 1st sess. on H. R. 3422...June 13 to July 3, 1945. Serial E. 207 p. Washington, 1945.
- 20504 U. S. OFFICE OF PRICE ADMINISTRATION. Rent regulation for housing, with official interpretations; revised July 1, 1945. 140 p. Washington, 1945. 173.403 R25  
Sets forth exemption of farms from the law, p. 7-8.
- 20505 U. S. TARIFF COMMISSION. Economic controls and commercial policy in Argentina. 47 p. Washington, 1945. 173 T17Eca  
Includes agriculture and agricultural control boards, trade, and rationing.
- 20506 U. S. TARIFF COMMISSION. Economic controls and commercial policy in Brazil. 49 p., processed. Washington, 1945. 173 T17Ecb  
Includes agriculture, trade, and mobilization of the domestic economy.
- 20507 VINER, J., and others. The United States in a multi-national economy. 174 p. N. Y., Council on Foreign Relat., 1945. (Studies in American Foreign Relat. No. 4) 280.12 Un3992  
Partial contents: The American interest in the colonial problem, by J. Viner, p. 1-17. (Includes trade interest); Postwar controls of the German economy, by P. W. Bidwell, p. 18-45. (Includes reform of German agrarian tariffs and landholding); Economic aspects of lend-lease, by A. D. Gayer, p. 119-145; The expansion of international trade by F. W. Bidwell, p. 146-167; and the economic basis of the Junker class, by H. L. MacBride, p. 168-174.
- 20508 \*WAIHEL, L. Die rohstoffgebiete des tropischen Afrika. 424 p. Leipzig, Bibliographisches Institut, 1937. 280.19 W13  
Literaturverzeichnis, p. 416-424.  
Includes native and European agriculture and agricultural products.
- 20509 WALLACE, H. A. Sixty million jobs. 216 p. N. Y., Reynal, 1945. 280.12 W152S
- 20510 WHITAKER, A. P., ed. Inter-American Affairs, 1944; an annual survey: No. 4. 283 p. N. Y. Columbia U. Press, 1945. Ref., p. 216-223. 280.8 In88  
Partial contents: Economic development in Latin America. I. Production, trade and transportation, by M. Burgin, p. 92-128. (Includes agricultural production); and Labor and social welfare by O. E. Mulliken and S. E. Roberts, p. 158-180.
- 20511 WOTYNSKY, W. S. Internal migration during the war. 11 p., processed. Washington, U. S. Bur. Employment Security, 1944. (RS 68) 173.2 SolIm  
Gives population shifts for the agricultural states, p. 10.

## AGRICULTURAL ENGINEERING

- 20512 BETTER HOMES AND GARDENS. New ideas for remodeling your home. Ed. by J. Normile...with chapter introductions by R. B. Wills. 198 p. Des Moines, 1945. 296 B463
- 20513 DUNHAM, C. W., and THALBERG, M. D. Planning your home for better living. 278 p. N. Y., McGraw, 1945. 296 D92
- 20514 NATIONAL INSTITUTE OF AGRICULTURAL ENGINEERING. Research on pneumatic tyres for farm tractors. Report of work carried out in 1939-40...for the British Rubber Producers Research Association. 31 p. York, Eng., 1945. (Natl. Inst. of Agr. Engin. P. 505/45) 289.4 N212

## AGRICULTURAL PRODUCTS: PROCESSING, DISTRIBUTION, AND STATISTICS

- 20515 BOWLES, C. Statement...with respect to certain aspects of the price control legislation. 13 p., processed. Washington, Off. of Price Admin., 1945. 173.403 St2
- 20516 \*BROWN, M. India need not starve! 190 p. Bombay, Longmans, 1944. 389 B813



- 20517 CALIFORNIA FRUIT GROWERS EXCHANGE. Statistical information on the grapefruit industry. 18 p., processed. Los Angeles, 1945. 281.3939 C122Stg
- 20518 CORN INDUSTRIES RESEARCH FOUNDATION, NEW YORK. Corn facts and figures; a reference book. Ed. 3, 48 p. N. Y., 1945. 281.359 C81  
Includes corn utilization.
- 20519 FEDERACIÓN NACIONAL DE CAFETEROS, COLOMBIA. Informe del gerente al XIV Congreso Nacional de Cafeteros, Bogotá, Diciembre de 1944. 147 p. Bogotá, Editorial Minerva, 1945. 281.368 F31
- 20520 \*FRANCIOSA, L. L'olivo nella economia italiana. Pt. I-II. 2 v. Roma, Failli, 1940. 94.7 F842  
Contents: Pt. I. L'olivo nella economia italiana. Pt. II. L'olivo nella economia dei Paesi Mediterranei.
- 20521 \*INDIA. DEPT. OF COMMERCIAL INTELLIGENCE AND STATISTICS. India live-stock statistics, 1940. Report on the fifth census of live-stock and agricultural implements and machinery held in 1940. 147 p. Delhi, 1942. 269.5 In22
- 20522 \*INDIAN perfumes, essences and hair oils. Ed. 11, 202 p. Calcutta, Indus. Pub. Ltd., 1943. 308 In2
- 20523 \*INDIAN tobacco and its preparations. Ed. 5, 174 p. Calcutta, Indus. Pub., Ltd., 1943. 69 In2
- 20524 KADOW, K. J. Fruits and vegetables in Brazil; experiences and observations. 21 p., processed. Washington, D. C., Inst. of Inter-Amer. Aff., Food Supply Div., 1945. 173.3 In83Fr
- 20525 LEGGETT, W. F. The story of linen. 103 p. Brooklyn, N. Y., Chem. Pub. Co., 1945. Ref. 304 L52  
History in various countries, with a brief history of other bast fibers appended.
- 20526 MENDOZA, L. G. Weekly Sugar Review; excerpts 1935-1945. 228 p. Habana, Bolsa de La Habana, 1945. 286.365 M52
- 20527 NATIONAL CANNERS ASSOCIATION. Canners directory and lists of members of the Canning Machinery and Supplies Association and the National Food Brokers Association, 1945. 164 p. Washington, D. C., 1945. 389.9 N214
- 20528 PETERS, W. R., and REID, E. P. The market for farm products in urban centres in northern Ontario. 130 p., processed. Ottawa, Dept. of Agr., Mktg. Serv., Econ. Div., 1945. (Canada. Mktg. Serv. Mimeo. Rpt.) 280.32 p442
- 20529 QUESADA, J. A. El privilegio ganadero. 120 p. Buenos Aires, Imprenta Ferrari, 1944. 284.5 Q3
- 20530 ULLOA S., A. G. El cultivo del algodónero, el crédito y la organización ejidal colectiva en la "Comarca Lagunera." 256 p. Quito, Ecuador, Ministerio de Economía, 1945. 72 U14
- 20531 U. S. CONGRESS. HOUSE. SPECIAL COMMITTEE TO INVESTIGATE FOOD SHORTAGES. Food shortages. Hearings...79th Cong., 1st sess. pursuant to H. Res. 195...Pt. 3, Dairy products, poultry and eggs, fats and oils, fruit and vegetables, etc., p. 1023-1950. Washington, 1945.
- 20532 U. S. CONGRESS. SENATE. SPECIAL COMMITTEE INVESTIGATING THE NATIONAL DEFENSE PROGRAM. Investigation of the National Defense Program. Hearings...79th Cong., 1st sess. pursuant to S. Res. 55(79th Cong.) (Extending S. Res. 71-77th Cong.)... Pt. 27, Textile industry-manpower and production... Jan. 19 and 31, and Feb. 1, 2, 6, 7, 8, and 14, 1945, p. 12327-13045. Washington, 1945.
- 20533 U. S. INTERSTATE COMMERCE COMMISSION, and others. Directory, grain storage committees, permit committees and permit agents administering Interstate Commerce Commission service order No. 80. 42 p., processed. Washington? 1945. 168.1 D62  
U. S. War Food Administration and Office of Defense Transportation, joint authors.
- 20534 U. S. OFFICE OF WAR MOBILIZATION AND RECONVERSION. The war; phase two. 19 p. Washington, 1945. 173.3 W192W  
Section on food supply.
- 20535 U. S. TARIFF COMMISSION. Mining and manufacturing industries in Costa Rica. 11 p., processed. Washington, 1945. 173 T17Mmc  
Includes beverage, food-processing, tobacco-products, and textile industries.
- 20536 U. S. WAR SHIPPING ADMINISTRATION. Guadeloupe; [sugar production in Guadeloupe, its dependencies and Martinique]. 11 p., processed. Washington? 1945. 173.3 W194
- 20537 \*UTILISATION of common [agricultural] products. Ed. 5, 186 p. Calcutta, Indus. Pub., Ltd., 1944. 388 Ut3
- 20538 \*THE VEGETABLE oil industry; a treatise for manufacturing oils from the Indian oil seeds with detailed processes of filtering, refining, bleaching, deodorising and hydrogenating the oils. Ed. 5, 178 p. Calcutta, Indus. Pub., Ltd., 1944. 307 V52
- 20539 WINGATE, I. B. Laboratory swatch book for textile fabrics. Part 1 (with revisions). 143 p. N. Y., Prentice-Hall, 1944. 304 W722L

## ANIMAL INDUSTRY

20540 BRODY, S. Bioenergetics and growth, with special reference to the efficiency complex in domestic animals. 1023 p. N. Y., Reinhold, 1945. 444 B783

A publication of the Herman Frasch Foundation. Bibliographical footnotes.

20541 CASTELLO, S. Las palomas domésticas, su cría y utilidades. Ed. 2, 119 p. Madrid, Ministerio de Agricultura, Sección de Publicaciones, Prensa y Propaganda, 194-? 47.2 C27

20542 CRAWFORD, F. W. Aberdeen-Angus cattle in Canada. 173 p. Winnipeg, Canad. Aberdeen-Angus Assoc., 1944. 43 C85

20543 \*FOMINYKH, V. N. Periodicheskoe vospalenie glaz u loshadei [Periodic inflammation of the eyes in horses]. 95 p. Moskva, Sel'khozgiz, 1944. Ref. 41 F733

20544 \*GEURDEN, L. Ziekten en gebreken in het hoenderbedrijf. 102 p. Antwerpen, Standaard-Boekhandel, 1945. 47 G33

Poultry diseases and egg abnormalities.

20545 \*GODTSENHOVEN, E. VAN, and MARTIN, J. Dierkunde op de hoeve. Ed. 7, 234 p. Antwerpen, Standaard-Boekhandel, 1944. 40 G54

General care of livestock.

20546 HELMAN, M. B. El Zebu y sus derivados; importancia en la explotación bovina mundial; su aplicación en el país. 374 p. Buenos Aires, Suelo Argentino, 1944. Ref. p. 353-368. 43 H364

20547 KEENEY, M. H. Cowphilosophy; the art of practical dairy practice. Ed. 2, rev. and enl., 275 p. Lacona, N. Y., Holstein-Friesian World, 1944. 43 K25

20548 KOFFLER, C. Dogs; photographs by Ylla [pseud.]. 20 p. N. Y., Harper, 1945. 48 K82

20549 MARSHALL, F. H. A., and HALNAN, E. T. Physiology of farm animals. Ed. 3, 339 p. Cambridge, Eng., U. Press, 1945. 444 M352

20550 \*MILOVANOV, V. K., and SMIRNOV-UGRUMOV, D. V. Osemenenie sel'skokhoziaistvennykh zhivotnykh [Insemination of domestic animals]. 99 p. Moskva, Sel'khozgiz, 1944. 40 M650

20551 PEAKE, H. C. Practical dog breeding. Photographs by P. T. Jones. 142 p., 16 plates. N. Y., Macmillan, 1945. 48 P312

20552 \*RICHTER, J. Die sterilität des rindes. 213 p. Berlin, Schoetz, 1944. Ref. 41 AL12S  
This represents the 5th ed. of "Die Unfruchtbarkeit des Rindes, ihre Ursachen und ihre Behandlung," by J. Albrechtsen.



20553 \*SCHERER, H. J. Vergleichende pathologie des nervensystems der säugetiere unter besonderer berücksichtigung der primaten. 336 p. Leipzig, Thieme, 1944. Ref. 448 Sch22

20554 \*SCHMUNERT, A., TRAUTMANN, A., and KRZYWANEK, F. W. Lehrbuch der veterinär-physiologie. Ed. 2, 456 p. Berlin, Parey, 1944. 444 Sch24

20555 \*TWEED, I. Tweed's poultry-keeping in India. Ed. 7 by A. E. Slater, 273 p. Calcutta, Spink, 1944. 47 T91

With this is bound: Tweed, I. The Indian handbook on ducks, geese, turkeys, guinea-fowls, pigeons, peafowls and rabbits. Ed. 3 by A. E. Slater, 102 p.

20556 VAN DE PAS, L. I. Compendio de embriologia. II. Compendio de teratologia. 152 p. Buenos Aires, 1944. (Buenos Aires. Universidad. Facultad de Agronomía y Veterinaria. Biblioteca Agronomica y Veterinaria, VII) 442 V26

20557 \*WAGENER, K. Leitfaden für den kurs in der veterinärmedizinischen mikrobiologie. Ed. 2, 115 p. Berlin, Schoetz, 1944. 41 W122L

20558 WENTWORTH, LADY. British horses and ponies. 48 p. London, Collins, 1944. 42 W483B

20559 WIEDER, S. The present status of Lactobacillus casei factor. 17 p. Pearl River? N. Y., Lederle Labs., Inc., 1944. Ref. 386.3 W63

Mainly as related to livestock nutrition.

#### ENTOMOLOGY

20560 \*BARBEY, A. La vie cachée des insectes ravageurs; souvenirs d'un entomologiste forestier. 113 p. Montpellier, France, Causse, 1942. 423 B236V

20561 \*CHOPARD, L. Orthoptéroïdes, Orthoptera, Dermaptera, de l'Afrique du Nord. Faune de l'Empire Franç. 1, 450 p. Paris, 1943. Ref. 411.2 F272

20562 NATIONAL ROSTER OF SCIENTIFIC AND SPECIALIZED PERSONNEL. Handbook of descriptions of specialized fields in entomology. 16 p., processed. Washington, D. C., 1945. 173.4 W1932He

#### FOOD AND HUMAN NUTRITION

20563 ASHBROOK, F. G., and SATER, E. N. Cooking wild game. Meat from forest, field and stream and how to prepare it for the table - 432 recipes. 358 p. N. Y., Judd, 1945. 389.25 Aa3

20564 CORNELL UNIVERSITY. SCHOOL OF NUTRITION. Nutrition foundation investigation on nutritive value oxidative enzymes, and other factors in certain commercially dehydrated vegetables. 16 p., processed. Ithaca, N. Y., 1945. 389.1 C812N  
Columbia University, Department of Chemistry, joint author.

20565 COUNCIL OF BRITISH SOCIETIES FOR RELIEF ABROAD. Nutrition and relief work: a handbook for the guidance of relief workers. 111 p. London, 1945. 389.1 C833

20566 BOWD, M. T., and DENT, A. Elements of foods and nutrition. Ed. 2, 357 p. N. Y., Wiley, 1945. 389.1 D75

20567 MACY, I. G., and WILLIAMS, H. H. Hidden hunger. 286 p. Lancaster, Pa., Cattell, 1945. 389.1 M252

20568 PFUND, M. C. Chemistry and food preparation: a laboratory manual for students of home economics... Basic recipes and methods of combining ingredients are presented together with variations that suggest the wide applicability of the fundamental principles. 159 p., processed. Ithaca, N. Y., Cornell U., 1944. 389.2 P48

20569 U. S. FOREIGN ECONOMIC ADMINISTRATION. BUREAU OF SUPPLIES. Nutrient values suggested for Far Eastern foods. 16 p., processed. Washington, 1945. 173.4 F76W

#### FORESTRY

20570 AUSTRALIA. COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH. DIVISION OF FOREST PRODUCTS. Timbers of the Philippine Islands. Card sorting key to the identity, properties & uses. 100 cards, accompanied by explanatory guide (11 p.) and 2 charts. Melbourne, 1944? R99.28 Au733T

20571 CALIFORNIA. DEPT. OF NATURAL RESOURCES. DIVISION OF FORESTRY. The care and use of fire apparatus, tools and appliances; manual B, a reference manual. Rev., 235 p., processed. Sacramento, 1944. 99.51 C123C

20572 \*KIRWALD, E. Wald und technik. 221 p. Heidelberg, Winter, 1944. (Studienführer. Gruppe 5, v. 9) 99.79 K63

20573 KRAEMER, J. H. Native woods for construction purposes in the South China Sea region... Burma, Malay Peninsula, Thailand, Sumatra, Java, Borneo, French Indo-China, and southeast China including Hainan and Formosa. 277 p. Washington, Navy Dept., Bur. of Yards and Docks, 1945. (NavDocks P-163) 153.9 N212

#### PLANT SCIENCE

20574 BRITTON, M. E. A catalog of Illinois algae. 177 p. Evanston, Northwestern U., 1944, pub. 1945. Ref. (Northwestern U. Studies in the Biol. Sci. and Med., No. 2) 461.4 B76

20575 CAÑIZO GÓMEZ, J. DEL, and GONZÁLEZ DE ANDRÉS, C. Lucha contra las plagas: Calendario fitopatológico. 99 p. Madrid, Ministerio de Agricultura, Sección de Publicaciones, Prensa y Propaganda, 1942. 464.4 C16

20576 COPLE, G. H. Vegetable growing in the North. 124 p. Chertsey, Eng., Intensive Gard. Press, 1945? 91.15 G79V

20577 \*DYCK, D. VAN. Groenteteelt onder glas. Ed. 2, 262 p. Leuven, Belgium, Technische Handboek- en voor Land- en Tuinbouw, 1945. 90.13 D98

Vegetable and fruit culture.

20578 \*GLORIE, H. De houtsoorten. 2 v., 197 p., processed. Gent, 1945. (Rooks Boschbouwkundige Wetenschappen) 452.3 G51

20579 HEDRICK, U. P. Grapes and wines from home vineyards. 326 p. London, Oxford U. Press, 1945. 95.2 H35

Grape-growing and wine-making in the United States.

20580 \*HOLDER, J. VAN. De cultuur van kasplanten. 345 p. Antwerpen, Standaard-Boekhandel, 1944. 96.05 H71

Greenhouse culture of ornamentals.

20581 IMPERIAL MYCOLOGICAL INSTITUTE, KEW. Distribution maps of plant diseases. Nos. 85-86. Kew, Eng., 1945. 451 Im7

20582 MCFARLAND, J. H. Supplement to Modern Roses II for the four years, 1940-43. 15 p. Harrisburg, Pa., Amer. Rose Soc., 1944. 96.1 M162M

20583 MCPHERSON, J. A., and PYTE, A. C. Vegetable growing in New Zealand. Ed. 5, rev. and enl., 193 p. Christchurch, Whitcombe & Tombs, Ltd., 1942? 91.15 M24

20584 MAKINS, F. K. British trees in winter. 56 p. London, Dent, 1945. 458 M28B  
Includes illustrations and 32 plates.

20585 \*MASALAB, N. A. Metody parazitnogo kul'tivirovaniia sporyn'i dlia meditsinskikh tsel'ei [Methods of cultivating ergot for medicinal purposes]. 38 p. Moskva, Medgiz, 1941. 462.83 M37

20586 \*MEEUSE, A. D. J. De invendige structuur van de hogere plant. 164 p. Gorinchem, Noorduijn, 1942. (Noorduijn's Wetenschappelijke Reeks, No. 6) 463.41 M47

References at end of chapters.

20587 \*MITRA-BAHADUR, D. N. Grow more vegetables; eat more vegetables. 95 p. Calcutta, Indian Press, 1943. 91.15 M69



- 20588 PATTON, R. T. Know your own trees, a short introduction to the study of our common eucalypts. 48 p. Melbourne and London, Melbourne U. Press in association with Oxford U. Press, 1944. 463.5 P27
- 20589 PITTIER, H., and others. Catálogo de la flora venezolana. v. 1, 423 p. Caracas, Vargas, 1945. (Conferencia Interamericana de Agricultura. 3., Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 20) 457.5 P68Ca
- T. Lasser, L. Schnee, Z. Lucas de Febres, and V. M. Badillo Franceri, joint authors.
- 20590 \*PRIANTSHNIKOV, D. N. Sevooborot i ego znachenie v dele podniatifa nashikh urozhaev [Crop rotation and its significance in increasing our yields]. 34 p. Moskva, 1945. 33.31 P93S
- 20591 RODALE, J. I., ed. The fruit orchard. 48 p. Emmaus, Pa., Rodale Press, 1945. (Organic Gard. ser., No. 6) 56.9 Or3
- Partial contents: Orchard practices, by J. I. Rodale, p. 4-11; Mulch, sod, clean culture practices, by H. Meyer, p. 12-15; Organic preparation for growing trees, by C. E. Nelson, p. 16; Poisonous fruit sprays, by J. Empringham, p. 21-23; What is a sport, by D. Clark, p. 24-28; Compost and the orchard, by H. L. Waite, p. 31-32; Control of peach borers [San-ninoidea exitiosa], by M. G. Kains, p. 33-35; Pollination in the orchard, by R. O. Barlow, p. 36-40; How insects act, by J. I. Rodale, p. 40-41; How to prune trees, by H. Meyer, p. 42-46.
- 20592 SHEWELL-COOPER, W. E. Eating without heating, a new conception of salad growing. 136 p. London, J. Gifford, Ltd., 1943. 91.15 Sh52
- Home gardening of vegetables for salad plants.
- 20593 \*SHIBAEV, P. N. Kleikovina iachmenia [The gluten of barley]. 11 p. Moskva, Zonal'nyi Institut Zernovogo Khoziaistva Raionov Nechernozemnoi Polosy, 1945. 59.21 Sh6
- Includes table of percentages of twenty-seven varieties.
- 20594 \*STRASBURGER, E. Lehrbuch der botanik für hochschulen. Ed. 22, rev., 620 p. Jena, Fischer, 1945. Ref. 463 St8L
- Revised by H. Fitting, W. Schumacher, R. Harder, and F. Firbas.
- 20595 \*TSITSIN, N. V. Dalmatskaja romashka [Pyrethrum cinerariaefolium (Dalmatian daisy)]. 39 p. Moskva, Moskovskii Babochii, 1941. 423 T784
- Culture and use as insecticide.
- 20596 TUCUMAN, UNIVERSIDAD. DEPARTAMENTO DE INVESTIGACIONES REGIONALES. INSTITUTO "MIGUEL LILLO." Genera et species plantarum argentinorum. v. II, 382 p. Bonis Auris, Sociedad Anonima de Impresiones Generales, 1944. 457.1 T79
- Contains 175 plates, partly colored.
- Contents: Asclepiadaceae, by T. Meyer; Valerianaceae, by O. E. Borsini.
- 20597 VAN SCHAACK, G. B. Flowers of Island X. 38 p., processed, Washington, D. C.: Welfare and Recreation Dept., Navy, 1945. 153.1 F66
- Supplement to Key to the More Common Plants, Appendix E, The Aleutian Islands: Their People and Natural History, War Background Studies No. 21, by E. H. Walker (280 Sm65 No. 21)
- 20598 \*VSESOIŪZNYĖ NAUCHNO-ISSLEDOVATEL'SKIĖ INSTITUT SAKHARNOI PROMYSHLENNOSTI. Kul'tura sakhar-noi svezky na semena v oroshaemykh raionakh Kirgizskoi i Kazakhskoi SSR [Cultivation of sugar beet for seeds in the irrigated regions of the Kirgiz and Kazakh]. 105 p. Frunze, 1942. 66 V963K
- 20599 \*VSESOIŪZNYĖ NAUCHNO-ISSLEDOVATEL'SKIĖ INSTITUT SVEKLOVICHNOGO POLEVIDSTVA. Sveklovodstvo [Sugar beet culture]. 436 p. Moskva, "Sel'khozgiz," 1941. 66 V964S
- 20600 WAGNER, P. M. A wine-grower's guide, containing chapters on the past and future of wine-growing in America, the management of a vineyard, and the choice of suitable wine-grape varieties. 230 p. N. Y., Knopf, 1945. Ref. 95.2 W12
- 20601 WALLING, E. Gardens in Australia, their design and care. 148 p. Melbourne, Oxford U. Press, 1943. 98 W153
- With many illustrations.
- SOILS AND FERTILIZERS
- 20602 CHILEAN NITRATE SALES CORPORATION, INC. Natural Chilean nitrate of soda, war review and post war outlook. 15 p. N. Y., 1945? 309 C43N
- 20603 \*GODTSENHAVEN, E. VAN. Landbouwscheikunde. 2 v., 175 p., processed. Gent, 1945. (Reeks Phytotechnie) 395 G54
- Plant nutrition and fertilizer.
- 20604 SHEPARD, W. Food or famine, the challenge of erosion. 225 p. N. Y., Macmillan, 1945. 56.7 Sh4F
- Contents: Erosion and hunger; Natural and human forces in the soil crises; The democratic revolution in soil conservation; The organization of forest management; Public controls over land use; A land reconstruction work corps; Public acquisition of low-grade land; Financing land reconstruction; Our lands control our rivers; Integral watershed development; Agricultural science and education; Toward world conservation.
- 20605 \*SUMGIN, M. I., and others. Obshchee mertoledovdenie [General science of permanently frozen ground]. 339 p. Moskva, Akademika Nauk SSSR, 1940. 56.26 Su6
- S. P. Kachurin, N. Tolstikhin, and V. F. Tumel, joint authors.
- MISCELLANEOUS
- 20606 ALEKSANDROV, A. D. Subtropiki RSFSR [Subtropics of Russia]. 105 p. Sochi, "Kurortnaia Gazeta," 1940. 106 Sol2S
- Historical and economic account of the Krashnodar region and the achievements of the Sochinskaiia Opytnaia Stantsiia in the cultivation of tropical crops.
- 20607 BANE, L., and CHAPIN, M. R. Introduction to home economics. 259 p. Boston, Mifflin, 1945. 321 B22
- 20608 BIEBER, R. P., and HAFEN, L. R., eds. The Southwest historical series. 12 v. Glendale, Calif., Clark, 1931-43. 138 So8
- Contains scattered references to agriculture and agricultural products, clothing, economic and social conditions, livestock, food, grasses, Indians, lands, insects, and transportation.
- 20609 FULLER, G. H. Demobilization; a selected list of references. 193 p., processed. Washington, U. S. Libr. of Cong., Gen. Ref. and Bibliog. Div., 1945. 241.3 Un3Dm
- Topics include Agriculture in the Transition Period, p. 166-170.
- 20610 HILL, D. W. The impact and value of science. 88 p. London, Hutchinson, 1945. 330 H55
- 20611 \*ISTITUTO NAZIONALE DI TECNICA E PROPAGANDA AGRARIA. Scienza e tecnica per l'agricoltura italiana. 464 p. Roma, 1943? 33.19 In7
- Contents: L'agricoltura in tempo di guerra, by A. Serpieri; Nuovi problemi agronomici e cerealicoli nazionali, by A. Oliva and M. Gasparini; Il problema zootecnico e foraggero, by R. Giuliani; Aspetti e problemi attuali della arboricoltura italiana, by A. Morettini and N. Breviglieri; Nuovi aspetti e problemi dell'orticoltura italiana, by N. Breviglieri; Bonifica integrale--Estimo catastrale; organizzazione corporativa dell'agricoltura italiana, by M. Bandini and V. Visocchi.
- 20612 \*KAHLFELD, F. Bakteriologische Nährboden-technik. Ed. 5, 177 p. Leipzig, Thieme, 1943. 448.2 K12



20613 KENCHINGTON, F. E. The commoners' New Forest; an outline of the folk-history of the New Forest in the County of Southampton, its peasant pastoral industry and its possibilities. 219 p. London, Hutchinson, 1944, reprinted 1945. 131 K33

20614 \*KNIAZEV, G. A. Kratkiy ocherk istorii Akademii nauk SSSR [Brief account of the history of the Academy of Sciences of USSR]. 92 p. Moskva, Akademii Nauk SSR, 1945. 511 Ak14K

20615 \*KÜKENTHAL, W. Leitfaden für das zoologische praktikum. Ed. 11, by E. Matthes, 380 p. Jena, Fischer, 1944. 411 K952

20616 \*LENGERKEN, H. VON. Naturwissenschaften; Grundlagen der allgemeinen Zoologie. 150 p. Frankfurt, Oberkommando der Wehrmacht, 1943. (Soldatenbriefe zur Berufsförderung III) 411 L542

20617 NATIONAL ROSTER OF SCIENTIFIC AND SPECIALIZED PERSONNEL. Handbook of descriptions of specialized fields in zoology and parasitology. 16 p., processed. Washington, D. C., 1945. 173.4 W1932Hz

20618 \*ORBELI, L. A. Akademik Ivan Petrovich Pavlov i russkaya fiziologicheskaya shkola; rech' na torzhestvennom zasedanii iubileinoi sessii Akademii Nauk SSSR [Academician Ivan Petrovich Pavlov and the Russian school of physiology; speech at the grand meeting of the jubilee session of the Academy of Sciences, USSR]. 14 p. Moskva, Akademii Nauk SSSR, 1945. 447 Or1

20619 RAHN, O. Microbes of merit. 277 p. Lancaster, Cattell, 1945. 448.2 R12M1

20620 \*SCHULER, A. Wilhelm Fleischmann der begründer der milchwirtschaftswissenschaft; seine lebenserinnerungen und sein lebenswerk. 186 p. Hildesheim, Molkerei-Zeitung, 1942. 120 F62

20621 SOCIEDAD AGRONÓMICA DE MÉXICO. Algunas publicaciones de agrónomos. 11 p., processed. México, 1943. (Biblioteca de la Feria de Libro y Exposición Nacional de Periodismo 1943) 241 Sol2

20622 \*TIMIRIAZEV, K. A. Istoricheskiy metod v biologii [Historical method in biology]. 207 p. Moskva, Akad. Nauk SSSR, 1943. (Nauchno-Populiarnaya Biblioteka (Seriya-Proizvedeniya Klassikov Nauki)) 442 T48

20623 U. S. CONGRESS. HOUSE. COMMITTEE ON EXPENDITURES IN THE EXECUTIVE DEPARTMENTS. To provide for financial control of Government corporations. Hearings...79th Cong., 1st sess. on H. R. 2177...May 23, 24, 29, 30, 31, and June 1, 5, and 6, 1945. 502 p. Washington, 1945.

20624 U. S. TENNESSEE VALLEY AUTHORITY. LIBRARY. A selected list of books and pamphlets on TVA. 2 p., processed. Knoxville? Tenn., 1945. 173.2 T25Se

20625 WHITE, J. G., ENGINEERING CORPORATION, NEW YORK. Economic analysis of the State of Minnesota; report to the Minnesota Resources Commission, 1945. 3 v. in 4. N. Y., 1945. 280.043 W58  
Includes agriculture and forestry.



## PERIODICAL AND SERIAL LITERATURE

## PLANT SCIENCE

## GENERAL

- 20626 ANDERSON, E., and FINAN, J. J. Maize in the Yanhuítlan Codex. *Mo. Bot. Gard. Ann.* 32: 361-368. Sept. 1945. 451 M69
- 20627 ANDREWS, H. N. Contributions to our knowledge of American Carboniferous floras. VII. Some pteridosperm stems from Iowa. *Mo. Bot. Gard. Ann.* 32: 323-360. Sept. 1945. 451 M69
- 20628 BALL, C. R. Taxonomic botany in an agroeconomic journal. *Amer. Soc. Agron. J.* 37: 660-661. Aug. 1945. 4 Am34P
- 20629 BECK, G. F. Tertiary coniferous woods of western North America. *Northwest Sci.* 19: 67-69. Aug. 1945. 470 N81
- 20630 \*BERTRAND, P. Leçon inaugurale faite au Muséum National d'Histoire Naturelle, le 12 juin 1941. *Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2)* 13: 369-391. Nov. 1941. 410.9 P213
- Progress made in study of plant anatomy and paleobotany; also biographical notes of botanists specializing in those fields.
- 20631 BIERWERT, T. L. Trees—we live with them; photographic tips. *Nat. Hist.* 54: 333-335. Sept. 1945. 500 N483J
- 20632 \*BISWAS, K. Annual report of the Royal Botanic Garden and the gardens in Calcutta and of the Lloyd Botanic Garden, Darjeeling, 1943/44, 7 p. Alipore, Bengal, 1945. 451 G122A
- 20633 CARTER, G. F., and ANDERSON, E. A preliminary survey of maize in the southwestern United States. *Mo. Bot. Gard. Ann.* 32: 297-322. Sept. 1945. Ref. 451 M69
- Classification, particularly of varieties grown by the Indians.
- 20634 CHRISTENSEN, C. M. Wild mushrooms are good to eat. *Minn. Hort.* 73: 99-101. Aug. 1945. 81 M66
- 20635 CLARKE, W. B. Redwoods. *Gard. Chron.* 118: 64. Aug. 11, 1945. 80 G162
- Size, names, and distribution in California.
- 20636 ELLISON, N. F. Joseph Flintoft and his "Mosses in the English lake district." *North West. Nat.* 19: 277-280. Dec. 1944. 410 N81
- 20637 FELBER, I. M. Staining a spray film on conifer needles. *Stain Technol.* 20: 77-79. July 1945. 442.8 St1
- 20638 GARCÍA ROMERO, A. La pureza y el poder germinativo de las semillas. *Paraguay. Min. de Agr. Rev.* No. 9, p. 55-59. May 1945. 9.7 Ag8Re
- Definition of the terms.
- 20639 \*GIUGLIARIS, A. L. De l'acclimatation des végétaux exotiques dans le midi de la France. (Abs.) *Acad. d'Agr. de France. Compt. Rend.* 29: 109-110. Feb. 3/10, 1943. 14 P215Bc
- Thesis, Université d'Aix-Marseille.
- 20640 HALL, M. A. Tree oddities. *Pa. Farmer* 133: 124. Sept. 8, 1945. 6 P383
- 20641 HILL, H. D., and MYERS, W. M. A schedule including cold treatment to facilitate somatic chromosome counts in certain forage grasses. *Stain Technol.* 20: 89-92. July 1945. 442.8 St1
- 20642 HOWARD, A. L. The mulberry tree. *Countryside Life* [London], 98: 206-207. Aug. 2, 1945. 30 C83
- 20643 HSU, T. C. A note on camphor oil as a clearing reagent in biological technique. (Abs.) *Acta Brevia Sinensia*, No. 8, p. 19, processed. Dec. 1944. 472 Ac8
- 20644 HUNTER, H. The National Institute of Agricultural Botany. *Inst. Brewing J.* 51: 189-194. July/Aug. 1945. 390.9 In7
- Origin and functions.
- 20645 JOHNSON, L. P. V. A rapid squash technique for stem and root tips. *Canad. J. Res. Sect. C. Bot. Sci.* 23: 127-130. Aug. 1945. 470 G16C
- A method of preparing slides for chromosomal studies, mainly in Pinaceae.
- 20646 JONES, G. N. Flora of Illinois: a reply to M. L. Fernald. *Amer. Midland Nat.* 34: 271-284. July 1945. 410 M58
- 20647 JURION, F. La culture indigène et l'expérimentation culturale. *B. Agr. du Congo Belge* 32: 688-713. Dec. 1941. 24 K83
- 20648 KERN, E. M., and ALPER, C. Multi-dimensional graphical representation for analyzing variation in quantitative characters. *Mo. Bot. Gard. Ann.* 32: 279-280. Sept. 1945. 451 M69
- Nicotiana hybrids used for measurements.
- 20649 KERN, E. M. Right-angle grid system for mapping plant distribution. *Mo. Bot. Gard. Ann.* 32: 283-286. Sept. 1945. 451 M69
- 20650 \*KLEINER, P. L'orthographe des noms latins. *Rev. Hort. Suisse* 18: 121-123. June 1945. 80 R3212
- 20651 LAL, B. N. Plant-injection methods for the diagnosis of mineral deficiencies in tobacco and soya bean. *Ann. Bot. [London] (n.s.)* 9: 283-296. July 1945. 450 An7
- 20652 NATIONAL BOTANIC GARDENS OF SOUTH AFRICA. Report and accounts, 1944, 14 p. Cape Town, 1945. 451 K63
- 20653 PALIBIN, I. V. The progress of Soviet paleobotany. *Science* 102: 283-284. Sept. 14, 1945. 470 Sci2
- 20654 \*PANSE, V. G., and AYACHIT, G. R. Ten per cent probability of Z and the variance ratio. *Indian J. Agr. Sci.* 14: 244-247. June 1944. 22 Ag831
- 20655 PRITCHARD, L. P. Influence of flowers in the world of music. *Gard. Gossip* 20(9): 15. Sept. 1945. 80 G1625
- 20656 \*RAMAMURTI, S. V. From mineral power to plant power. *Madras Agr. J.* 30: 291-296. Sept. 1942. 22 M262
- Comparison of plant resources (especially vegetable oil and wood) with mineral power.
- 20657 REILLY, H. C., SCHATZ, A., and WAKSMAN, S. A. Antifungal properties of antibiotic substances. *J. Bact.* 49: 585-594. June 1945. 448.3 J82
- 20658 ROBBINS, W. J. Plants and their significance in the life of man. *N. Y. Bot. Gard. J.* 46: 170-173. July 1945. 451 N48J
- 20659 SANDERS, D. W., WEATHERWAX, P., and MCCLUNG, L. S. Antibacterial substances from plants collected in Indiana. *J. Bact.* 49: 611-615. June 1945. 448.3 J82
- 20660 SASS, J. E. Schedules for sectioning maize kernels in paraffin. *Stain Technol.* 20: 93-98. July 1945. 442.8 St1
- 20661 \*SCHAD, C., MÉNERET, G., and MAYER, R. Application des méthodes Fisher et Student à la comparaison des variétés en petites parcelles. *Ann. de Phytogénét. (n. s.)* 7(spec. No.): 91-99. 1941. 464.9 F84A
- Statistical methods.
- 20662 SIMMONDS, A. The origin of the name "Green Gage" [plum]. *Hort. Soc. J.* 70: 240-241. Aug. 1945. 84 L84J



- 20663 SPEESE, B. M. Chromosome mounts for temporary study. *Science* 102: 256-257. Sept. 7, 1945. 470 Sc12
- 20664 STONE, MRS. H. B. Life story of the fern. *Gard. Gossip*. 20(9): 4. Sept. 1945. 80 G1625
- 20665 SVENSON, H. K. What's in a name? *Plants & Gard.* 1: 6-10. Spring 1945. 450 P694
- 20666 TOWLE, D. S. Plant breeding - a new science. *Merrimack's Monthly Messenger* 7(8): 1-2, 4. Aug. 1945. 6 M55  
Includes notes on the work of Albert Franklin Yeager.
- 20667 VIANNA, C. A. A fauna e a flora dos escudos das armas nas nações Americanas. *Fauna [São Paulo]* 4(6): 27. June 1945. 410 F272
- 20668 W., E. B. Growing pedigree strains of seed grass and vegetable. *N. F. U. Rec.* 23: 218. Aug. 1945. 281.8 N21
- 20669 WATTS, M. T. Let's look at a meadow. *Morton Arboretum B. Pop. Inform.* 20: 33-38. Aug. 1945. 99.9 M84
- 20670 WILLS, E. P. Guatemalan flowers. *South. Home and Gard.* 13(3): 11. Sept. 1945. 80 So824
- SYSTEMATIC AND GEOGRAPHIC BOTANY
- General
- 20671 \*LAVRENKO, E. M. Ocherednye teoreticheskie zadachi sovetskoi geobotaniki (Les problèmes théorétiques courantes de la géobotanique soviétique). *Sovet. Bot.* 1944, No. 4/5, p. 3-19. 450 So8
- 20672 WALKER, E. H. The use of the term "misapplied by" in taxonomic botany. *Lingnan Sci. J.* 21: 73-74. Aug. 15, 1945. 22.5 C16
- 20673 WARD, F. K. Hyderabad. *Gard. Chron.* 118: 86-87. Aug. 25, 1945. 80 G162  
Botanical trip through south central India.
- Spermatophytes
- 20674 \*ATTANGAR, G. W. R., and MARIAR, U. A. Samai—the little millet—*Panicum miliare*, Lank. *Madras Agr. J.* 29: 461-470. Dec. 1941. 22 M262
- 20675 \*ATTAR, S. N. C. Revised names for some of the Madras grasses. *Madras Agr. J.* 29: 179-185. May 1941. 22 M262
- 20676 \*BALDRATI, I. La *Trichilia emetica*. *Agr. Colon.* 34: 274-283. July 1940. 26 Ag82
- 20677 BARROSO, L. J. Un genero novo de "Convolvulaceae" [*Kuhlmanniella* n. g.]. *Rodriguesia* 9(18): 35-36. Apr. 1945. 442.8 R61
- 20678 BERTONI, M. S. El caa-ñhê (*Eupatorium rebaudianum* species nova). Paraguay. *Min. de Agr. Rev.*, No. 10, p. 41-42. June 1945. 9.7 Ag8Re
- 20679 BRADE, A. C. Begônias novas do Brasil. III. *Rodriguesia* 9(18): 17-34. Apr. 1945. 442.8 R61  
6 new species.
- 20680 BRADE, A. C. *Melastomataceae novae* III. *Rodriguesia* 9(18): 3-8. Apr. 1945. 442.8 R61  
New spp. in: *Behuria*; *Leandra* 2; *Pleiochiton* 2.
- 20681 BROWN, C. S. Tishomingo State Park. Botany. *Miss. State Geol. Survey. B.* 32, ed. 2, enl., 68 p. Jackson, 1945. 406 M693  
Annotated list of vascular plants.
- 20682 CAMERON, A. K. The apple box of Victoria (*Eucalyptus bridgesiana* R. T. Baker). *Victorian Nat.* 62: 47-50. July 1945. 410 V66  
Evidence given to show that the commonly accepted name *E. Stuartiana* is invalid.
- 20683 \*CAMUS, A. *Castanopsis* pC. *bejaudii*, nouveau du Cambodge. *Paris. Mus. Natl. d'Hist. Nat. B.* (ser. 2) 13: 479-480. Nov. 1941. 410.9 P213
- 20684 DALLMAN, A. A. Reproduction of *Senecio sarracenicus* L. pro parte. *North West. Nat.* 19: 304-305. Dec. 1944. 410 N81
- 20685 \*DANSEREAU, P. Etudes sur les hybrides de cistes. *Ann. des Epiphyt. et de Phytogénét. (n. s.)* 6: 8-26. 1940. Ref. 464.9 F84A
- 20686 DAYTON, W. A. An untenable generic name in *Acanthaceae*. *Rhodora* 47: 261-263. Sept. 1945. 450 R34  
*Disperma*, renamed *Duosperma*.
- 20687 \*DONNO, G. Le forme giovani di alcune specie del genere *Eucalyptus*. *Riv. Forest. Ital.* 3: 47-58. Jan./Feb. 1941. 99.8 R522
- 20688 DUGAND, A. Noticias botánicas colombianas. IV [Bignoniaceae, Meliaceae]. *Caldasia* 3: 255-271. Apr. 30, 1945. 516 C12  
New spp: *Clytostoma cuneatum*; *Schmardaea recordiana*, n. g. *Saritaea* (Bignoniaceae).
- 20689 DWYER, J. D. A new species of *Copaifera* [*C. aromatica*] from Panama. *Yale U. School Forestry. Trop. Woods, No.* 83, p. 15-17. Sept. 1, 1945. 99.08 Y1Tr
- 20690 EDEES, E. S. Notes on Staffordshire plants. *North West. Nat.* 19: 273-277. Dec. 1944. 410 N81
- 20691 FASSETT, W. C. *Juniperus virginiana*, J. *horizontalis*, and J. *scopulorum*. V. Taxonomic treatment. *Torrey Bot. Club. B.* 72: 480-482. Sept./Oct. 1945. 451 T63B
- 20692 FERNALD, M. L. Notes on eastern American *Lurula*. *Rhodora* 47: 265-271. Sept. 1945. 450 R34  
Contributions from the Gray Herbarium of Harvard University GLVII pt. IV.
- 20693 \*FIORI, A. Contributo allo studio botanico dei fieni dell'Africa Orientale Italiana. R. Ist. Agron. per l'Africa Ital. *Relaz. e Monog. Agr.-Colon.* No. 72, 81 p. Firenze, 1944. 16 Is7
- 20694 \*FIORI, A. Prime notizie sulla composizione botanica di fieni del Gimma. *Agr. Colon.* 35: 55-62. Feb. 1941. 26 Ag82
- 20695 FOX, W. B. The Leguminosae in Iowa. *Amer. Midland Nat.* 34: 207-230. July 1945. 410 M58
- 20696 GALINDO, A. R. La palmera milpes o seje de la Amazonia Colombiana (*Jessenia polycarpa*). *Agr. Trop.* 1(6): 40-43. July 1945. 26 Ag8
- 20697 GLEASON, H. A. Some *Melastomaceae* of Colombia. *Torrey Bot. Club. B.* 72: 472-479. Sept./Oct. 1945. 451 T63B  
Includes n. spp. in: *Calyptralla*; *Conostegia* 2; *Miconia* 6; *Clidemia*; *Ossaea*; n. g. *Ptilanthus*.
- 20698 HEISER, C. B., JR. A revision of the genus *Schukhria*. *Mo. Bot. Gard. Ann.* 32: 265-278. Sept. 1945. 451 M69
- 20699 \*JACOB, K. C. Grass flora of the Travancore State with special reference to fodder grasses. *Madras Agr. J.* 30: 179-191. June 1942. 22 M262
- 20700 \*JACOB, K. C. A new millet - *Brachiaria ramosa* Stapf. *Madras Agr. J.* 31: 12-14. Jan. 1943. 22 M262
- 20701 \*JOHN, C. M., and RAO, U. N. Perennial or tree castor. *Madras Agr. J.* 30: 109-113. Apr. 1942. 22 M262  
Variety of *Ricinus communis*.
- 20702 KELSO, L. Carices of a Colorado mountain lake. *Biol. Leaflet* 30, 3 p. Washington, D. C., 1945. 442.8 B528  
In the vicinity of Lawn Lake, Rocky Mountain National Park, Colo.
- 20703 KELSO, L. Gray's Peak and vicinity. *Biol. Leaflet* 29, 3 p. Washington, D. C., 1945. 442.8 B528  
Plants collected in north central Colorado including *Poa monteivansi* n. sp.
- 20704 MCCLURE, F. A. The vegetative characters of the bamboo genus *Phyllostachys* and descriptions of eight new species introduced from China. *Wash. Acad. Sci. J.* 35: 278-293. Sept. 15, 1945. 500 W276J



- 20705 MACEADO, O. Contribuição ao estudo das plantas medicinais do Brasil: - "Maytenus obtusifolia" Mart. Rodriguesia 9(18): 9-15. Apr. 1945. 442.8 R61
- 20706 MARSHALL, W. T., and BOCK, T. M. Cactaceae. Cactus and Succulent J. 17: 113-117. Aug. 1945. 451 C11
- 20707 MARTINEZ, M. Las pinaceas mexicanas. I. Mex. Inst. de Biol. An. 16: 1-345. 1945. 442.9 M57
- 20708 MERRILL, E. D., and METCALF, F. P. Records of monocotyledonous plants new to the flora of Hainan. Lingnan Sci. J. 21: 1-14. Aug. 15, 1945. 22.5 C16
- 20709 NEHRING, H. Sabal palms. Amer. Eagle 40(22): 1, 4; (23): 1, 4. (Cont.) Sept. 20, 27, 1945. 6 Am327
- Continuation of a series of articles on palms issued weekly since Jan. 4, 1945.
- 20710 \*PALIBIN, I. V. Zametka o klassifikatsii Kavkazskogo platana (Note on the classification of Caucasian plane). Bot. Zhur. S. S. S. R. (J. Bot. de l'U. R. S. S.) 30: 95-96. 1945. 451 R923
- English summary.
- Platanus digitifolia Palib. new name proposed to replace P. digitata Gordon.
- 20711 \*PHILIPPIS, A. DE. Il ginepro abissino [Juniperus procera]. I-II. Agr. Colon. 34: 312-327, 353-374. Aug., Sept. 1940. 26 Ag82
- I. Botanica, ecologia, selvicoltura. II. Il legno, sue caratteristiche e applicazioni.
- 20712 ROULEAU, E. Sporobolus asper in Quebec. Rhodora 47: 272. Sept. 1945. 450 R34
- 20713 ROULEAU, E. Viburnum acerifolium L., forma collinsii f. nov. Rhodora 47: 264. Sept. 1945. 450 R34
- 20714 SANTOS BILONI, J. La congona [Citronella congona]. Suelo Argentino 4: 450, 473. July 1945. 9 Su2
- 20715 SCANLON, E. H. Rare yellow magnolia [M. cordata], recorded. Trees [Santa Monica], 6(3): 12. Aug. 1945. 99.8 W52
- 20716 SEYMOUR, F. C. Leptoloma [L. cognatum], in New England. Rhodora 47: 263-264. Sept. 1945. 450 R34
- 20717 STEERE, W. C. The discovery and distribution of Cinchona pitayensis in Ecuador. Torrey Bot. Club. B. 72: 464-471. Sept./Oct. 1945. 451 T63B
- 20718 WALMSLEY, L. The genus Primula; section: Muscarioides. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 67-69. June 1945. 84 A16
- 20719 WATTS, M. T. The evergreen trees: a pictorial key to identification. Morton Arboretum B. Pop. Inform. 20: 25-32. June/July 1945. 99.9 M84
- 20720 WOODSON, R. E., JR. Notes on some North American asclepiads. Mo. Bot. Gard. Ann. 32: 369-371. (To be cont.) Sept. 1945. 451 M69
- Pteridophytes**
- 20721 BRADE, A. C. Pteridophyta do Brasil, II. Rodriguesia 9(18): 61-67. Apr. 1945. 442.8 R61
- 20722 CHING, R. C. The studies of Chinese ferns. XXXII. Lingnan Sci. J. 21: 31-37. Aug. 15, 1945. 22.5 C16
- Includes n. spp. in: Dryopteris; Cornopteris 2; Pyrrosia; Vittaria; n. g.: Protowoodia.
- 20723 CHRYSLER, M. A. The variations and origin of Botrychium lanuginosum. Torrey Bot. Club. B. 72: 454-463. Sept./Oct. 1945. 451 T63B
- 20724 DEVOL, C. E. A new fern Athyrium giganteum, from Lushan. Lingnan Sci. J. 21: 79-80. Aug. 15, 1945. 22.5 C16
- 20725 PROCTOR, G. R. Ferns to exchange. Amer. Fern J. 35: 93-94. July/Sept. 1945. 450 Am35
- 20726 SHAVER, J. M. Tennessee spleenworts [Asplenium]. Tenn. Acad. Sci. J. 20: 243-260. (To be cont.) July 1945. 500 T25A
- 20727 WILLIAMS, E. G. Further notes on the occurrence in Cheshire of Azolla filiculoides Lam. North West. Nat. 19: 303. Dec. 1944. 410 N81
- Bryophytes**
- 20728 BARTRAM, E. B. A new Weissia [W. sweetii] and a new Tortula [T. californica] from southwestern United States. Bryologist 48: 90-92. June 1945. 450 B84
- 20729 BARTRAM, E. B. Pacific outpost mosses. Bryologist 48: 45-53. June 1945. 450 B84
- Includes 4 n. spp. in: Vesicularia; Ectropothecium 2; Pseudoracelopus.
- Outline of moss flora of some islands of Oceania.
- 20730 CLARK, L., and FRYE, T. C. Frullania cucullata. Bryologist 48: 53-56. June 1945. 450 B84
- 20731 CLARK, L., and SVIHLA, R. D. Frullania riojaneirensis. Bryologist 48: 56-58. June 1945. 450 B84
- 20732 CONRAD, H. S. The Atracheata (Bryophyta) of Iowa. Bryologist 48: 70-82. June 1945. 450 B84
- 20733 GROUT, A. J. A revision of the North American species of Stereophyllum and Pilosium, with descriptions of some South American species. Bryologist 48: 60-70. June 1945. 450 B84
- 20734 \*POTIER DE LA VARDE, R. Récollections bryologiques de M. H. Humbert en Afrique Equatoriale. Paris. Mus. Natl. d'Hist. Nat. B. (ser. 2) 15: 129-133. Mar. 1943. 410.9 P213
- 20735 STEERE, W. C. Luisierella, a genus of mosses new to North America. Bryologist 48: 83-85. June 1945. 450 B84
- Algae**
- 20736 COOK, A. H. Algal pigments and their significance. Cambridge Phil. Soc. Biol. Rev. 20: 115-132. July 1945. Ref. 442.9 C14
- 20737 \*LEMOINE, P. Les algues calcaires de la zone nérétique. Soc. de Biogéog. Mém. 7: 75-138. 1940. 410.9 Sol23
- 20738 \*MEIER, K. K poznaniu roda Trentepohlia Mart. (A contribution to the knowledge of the genus Trentepohlia Mart.). 5. Trentepohlia lagenifera (Hild.) Wille. Bot. Zhur. S. S. S. R. (J. Bot. de l'U. R. S. S.) 30: 51-58. 1945. 451 R923
- English summary.
- 20739 PATRICK, R. A taxonomic and ecological study of some diatoms from the Pocono plateau and adjacent regions. Farlowia 2: 143-221. July 1945. 450 P22
- Includes 8 n. spp.: Pinnularia 2; Navicula 3; Caloneis 1; Achmanthes 2.
- 20740 PRESCOTT, G. W., and SCOTT, A. M. The fresh-water algae of southern United States. III. The desmid genus Euastrium, with descriptions of some new varieties. Amer. Midland Nat. 34: 231-257. July 1945. 410 M58
- Fungi (Including Lichens)**
- 20741 \*CASTELLANI, E. Il vaiolo del "Cossò." Agr. Colon. 37: 124-127. May 1943. 26 Ag82
- Phlebospora hageniae n. sp. on Hagenia abyssinica.
- 20742 \*CHOWDHURY, S. Some fungi from Assam. I. Indian J. Agr. Sci. 14: 230-233. June 1944. 22 Ag831
- 20743 EISENBERG, W. V. An unusual distribution of a rust: an Aecidium on Lippia berlandieri. Plant Dis. Rptr. 29: 618-260, processed. July 15, 1945. 1.9 P69P
- A. evansii found in Mexico, previously collected in Transvaal, Africa.
- 20744 GREENE, H. C. Notes on Wisconsin parasitic fungi. VII. Amer. Midland Nat. 34: 258-270. July 1945. 410 M58



- 20745 HEISER, D. G. A *Nectria* [N. *dodgei* n. sp.] disease of coffee in western Guatemala. Mo. Bot. Gard. Ann. 32: 287-296. Sept. 1945. 451 M69
- 20746 HERRE, A. W. C. T. Some Arkansas lichens. Bryologist 48: 85-90. June 1945. 450 B84
- 20747 HESLER, L. R. Notes on southern Appalachian fungi. VI. Tenn. Acad. Sci. J. 20: 233-238. July 1945. 500 T25A
- 20748 SINGER, R. The Boletineae of Florida with notes on extralimital species. II. The Boletaceae (Gyroporoidae). Farlowia 2: 223-302. July 1945. 450 F22
- 20749 YU, T. F., and others. Studies on *Pythium aphanidermatum* (Edson) Fitz. in China. Lingnan Sci. J. 21: 45-61. Aug. 15, 1945. Ref. 22.5 C16
- W. F. Chiu, N. T. Cheng, and T. T. Wu, joint authors.

## PATHOLOGY

## General

- 20750 ANDRADE, D. X. DE. A "tristeza" dos citrus. Pernambuco (State). Sec. de Agr., Indús. e Com. B. 12: 45-48. Jan./Mar. 1945. 9.2 P423
- 20751 ARANGO V., A. Uso de la creolina. Vida Rural 6(72): 12. July 1945. 9.4 V66
- For control of plant diseases.
- 20752 ARNAUD, G. La vigne et l'électricité atmosphérique. Ann. des Epiphyt. (n. s.) 7: 55-63. 1941. 464.9 F84A
- Lightning injury.
- 20753 B., S. W. Know why your fruits are damaged to prevent losses next year. Pop. Gard. 47: 221. Sept. 8, 1945. 80 G1622
- Diseases of apples and pears.
- 20754 BALDRATI, I. Una fanerogama parassita del cereali (*Striga lutea* o Erba Strega). Agr. Colon. 35: 14-21. Jan. 1941. 26 Ag82
- 20755 BARTHELET, J. Recherches sur quelques parasites des arbres fruitiers. Ann. des Epiphyt. (n. s.) 9: 27-45. 1943. 464.9 F84A
- Apple and pear diseases.
- 20756 BERTELLI, J. C. El invierno es época más conveniente para proceder a la cura de los frutales. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 277. July 5, 1945. 9.9 G15B
- 20757 BRANAS, J. Essais de produits anti-mil-dieu à l'Ecole Nationale d'Agriculture de Montpellier. Prog. Agr. et Vitic. 62: 27-31, 43-47. Feb. 4/11, 18/25, 1945. 14 P94
- 20758 BRANAS, J. L'extension du court-noué et des autres viroses. Prog. Agr. et Vitic. 62: 41-42. Feb. 18/25, 1945. 14 P94
- Court-noué on grapes.
- 20759 BRANAS, J. Où en est la lutte contre le court-noué? Prog. Agr. et Vitic. 62: 152-154. May 6/13, 1945. 14 P94
- Court-noué of grape.
- 20760 BUCHHOLTZ, W. F. Diseases of cereals, flax and other crops in South Dakota in 1943. S. Dak. Acad. Sci. Proc. (1944) 24: 98-107. 500 So82
- 20761 CICCAREONE, A. Malattie delle piante segnalate nel 1939 nell'Africa Orientale Italiana. Agr. Colon. 34: 388-390. Sept. 1940. 26 Ag82
- 20762 DARPOUX, H. Les bases scientifiques des avertissements agricoles. Ann. des Epiphyt. (n. s.) 9: 117-205. 1943. Ref. 464.9 F84A
- Plant diseases in France and their control.
- 20763 DISEASES of carrots. Agr. Gaz. N. S. Wales 56: 296-298. July 1, 1945. 23 N472
- 20764 FOX, E., and CREPIN, C. Quelques observations sur les maladies et accidents qui ont affecté les plantes au cours de l'année 1938. Ann. des Epiphyt. et de Phytogénét. (n. s.) 6: 27-36. 1940. 464.9 F84A
- Cereals and potatoes.
- 20765 G., G. F. Fruits from frost-damaged blossoms. Pop. Gard. 47: 194. Aug. 18, 1945. 80 G1622
- Hormones used for fruit set in apples.
- 20766 GAUDINEAU, M. Les maladies de la vigne en 1942 dans le sud-ouest. Acad. d'Agr. de France. Compt. Rend. 29: 147-149. Mar. 3/10, 1943. 14 P215Bc
- 20767 GOMES, J. A. P. Necessidade de execução sistemática de tratamentos em fruteiras. Portugal. Junta Nac. das Frutas. B. 4(12): 15-22. Dec. 1944. 286.3939 P83
- 20768 HONEY, E. E., and others. Cereal diseases in Wisconsin. Plant Dis. Rptr. 29: 588-590, processed. July 15, 1945. 1.9 P69P
- J. G. Dickson, F. R. Jones, and J. L. Allison, joint authors.
- 20769 HONEY, E. E., and others. Diseases and injuries of forage legumes and grasses in Wisconsin. Plant Dis. Rptr. 29: 600-603, processed. July 15, 1945. 1.9 P69P
- J. G. Dickson, F. R. Jones, and J. L. Allison, joint authors.
- 20770 HOWE, E. Relation of complete facts to diagnosis. Trees [Santa Monica] 6(3): 15, 18. Aug. 1945. 99.8 W52
- Diagnosis of tree ailments.
- 20771 JOHNSON, F. A progress report on Evergreen blackberry disease. Wash. Packer 11(1): 4, 10. Aug. 1945. 389.8 W27
- Cause of blight undetermined; a fungus mold has been identified from injured cane.
- 20772 JOHNSTON, C. O. Cereal diseases in Kansas at the beginning of June. Plant Dis. Rptr. 29: 595-596. July 15, 1945. 1.9 P69P
- 20773 JOSEPHSON, L. M. Cereal disease survey in Kentucky. Plant Dis. Rptr. 29: 586-588, processed. July 15, 1945. 1.9 P69P
- 20774 KEYWORTH, W. G. Hop diseases in Great Britain. Wallerstein Lab. Commun. 8: 99-109. Aug. 1945. 390.9 W15
- 20775 LUGNON, A. R. Quelques maladies et accidents des écorces d'arbres fruitiers. Rev. Hort. Suisse 18: 123-126. June 1945. 80 R3212
- 20776 MACHACEK, J. E., and BROWN, A. M. Threshing-injury to flax seed in Canada. Sci. Agr. 25: 601-626. June 1945. Ref. 7 Sc12
- 20777 MCKENZIE, M. A. Frost injury to trees. Cold weather may initiate or supplement tree damage. Trees [Santa Monica] 6(3): 10-11. Aug. 1945. 99.8 W52
- 20778 MIX, A. J. Cereal diseases in Delaware and Maryland in 1945. Plant Dis. Rptr. 29: 583-586, processed. July 15, 1945. 1.9 P69P
- 20779 NARAYANA RAO, D. Some fruit tree diseases in relation to horticultural practices and mineral deficiencies. Madras Agr. J. 29: 304-309. Aug. 1941. 22 M262
- 20780 NEFF, J. A. Protecting home gardens and small fruits from attack by birds. U. S. Fish and Wildlife Serv. Wildlife Leaflet 268, 14 p., processed. Washington, 1945. 1.9 B524W
- 20781 NELSON, R. C. Pulverizaciones primaverales. Cons. Práct. 10(116): 1-3. Aug. 1945. 80 C762
- 20782 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The prevention of leaf stripe and smut in cereal crops. North. Ireland. Min. Agr. Leaflet 96, 3 p. Belfast, 1944. 10 N81
- 20783 PADY, S. M. Cereal diseases in Kansas during the middle of June. Plant Dis. Rptr. 29: 596-598, processed. July 15, 1945. 1.9 P69P
- 20784 PIRONE, P. P. Tree troubles this year. Shade Tree 18(2): 2-3. Second quart. 1945. 99.8 Sh1
- 20785 REBOUILLON, A. Effets des froids tardifs sur la végétation des mûriers en 1938-1939. Ann. des Epiphyt. (n. s.) 7: 7-19. 1941. 464.9 F84A



- 20786 REX, E. G. Line clearance and control of canker stain disease of plane trees. Shade Tree 18(1): 2. First quart. 1945. 99.8 Shl  
London planetree.
- 20787 RICHARDS, B. L., and RHOADS, A. S. Rusty mottle of the sweet cherry in Utah. Farm and Home Sci. [Utah Sta.] 6(3): 6-8, 11. Sept. 1945.  
100 UtilF
- 20788 RIÑON FERRER, L. Conocense los perjuicios de las heladas, en Salto. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 297. July 26, 1945. 9.9 G15B  
Frost damage to Citrus.
- 20789 RODRIGUES CAMPOS, A., and PICKEL, B. J. Observações sobre as doenças e agentes patogênicos das plantas em Pernambuco. Rev. de Agr. [Piracicaba] 20: 19-38. Jan./Feb. 1945. 9.2 R324
- 20790 ROSELLA, E. Les traitements anti-parasitaires d'hiver sur les arbres à noyaux. Prog. Agr. et Vitic. 62: 34-36, 57-60. Feb. 4/11, 8/25, 1945.  
14 P94
- 20791 SAUGSTAD, S. Duck damage to cereal crops. N. Dak. Agr. Expt. Sta. Bimo. B. 7(6): 17-20. July/Aug. 1945. 100 N813B
- 20792 SLAGG, C. M. Cereal diseases in Nebraska. Plant Dis. Rptr. 29: 592-594, processed. July 15, 1945. 1.9 P69P
- 20793 STAKMAN, E. C. The plant disease situation in Minnesota 1945. Minn. Seed Grower 18(4): 1, 5-6. Aug. 1945. 61.8 M66
- 20794 STODDARD, E. M. Chemotherapy--a method of plant pest control. Plants & Gard. 1: 116-118. Summer 1945. 450 P694
- 20795 SWARTWOUT, H. G. Spray injuries [to apples]. Mo. State Hort. Soc. Proc. 1942/44: 104-108. Dec. 1944. 81 M692
- 20796 TERVET, I. W. Diseases of small grains in southern Minnesota and South Dakota. Plant Dis. Rptr. 29: 590-592, processed. July 15, 1945. 1.9 P69P
- 20797 THOMAS, F. C. Should cavities be filled? Trees [Santa Monica] 6(3): 7, 14. Aug. 1945. 99.8 W52
- 20798 U. S. GOLF ASSOCIATION. GREEN SECTION. 2-4-D, what is it? Timely Turf Topics, July 1945, 6 p., processed. 60.18 T843T
- 20799 \*VOGLER, J. Kartoffelbestände gesundhalten! Landesbauernschaft Moselland. Wchnbl., No. 23, p. 331. June 5, 1943. 18 L2328
- 20800 \*WAGNER, M. Kartoffelbestände gesund erhalten! Landesbauernschaft Moselland. Wchnbl., No. 26, p. 374. June 26, 1943. 18 L2328
- 20801 WESTCOTT, C. Seed treatment. Home Gard. 5: 160-161. Sept. 1945. 80 H755
- 20802 WHITEHEAD, S. B. Troubles of tomato growers. Field 186: 146. Aug. 11, 1945. 10 P45  
Nonparasitic disorders; fungus infections; virus diseases.
- 20803 ZIESKE, G. R. How to destroy "your underground enemy" [pocket gopher]. Calif. Citrog. 30: 358. Sept. 1945. 80 G125
- Diseases Caused by Fungi
- 20804 ACOSTA, D. R. La antracnosis de la vid. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 269. June 28, 1945. 9.9 G15B
- 20805 \*ARNAUD, G. Développement des maladies de la vigne dans la région parisienne (mildiou, oïdium, anthracnose). Ann. des Épiphyt. et de Phytogénét. (n. s.) 6: 37-66. 1940. 464.9 F84A
- 20806 \*ARNAUD, G. Essais de traitement des maladies de plantes en 1941. Ann. des Épiphyt. (n. s.) 8: 99-109. 1942. 464.9 F84A  
Control of downy and powdery mildew of grape and rust of wheat.
- 20807 \*ARNAUD, G. La "gale noire" ou "galle verruqueuse." Ann. des Épiphyt. (n. s.) 8: 89-98. 1942. 464.9 F84A  
Synchytrium endobioticum on potato.
- 20808 BALL, J. C. White pines ana blister rust. Gard. Gossip 20(9): 6. Sept. 1945. 80 G1625
- 20809 \*BARRAUD, M., and CAUDINEAU, M. Essais de traitement du mildiou de la vigne en 1942 a la Grande-Ferrade (Gironde). Ann. des Épiphyt. (n. s.) 9: 137-161. 1943. 464.9 F84A
- 20810 \*BARTHELET, J. L'antracnose des agaves. Ann. des Épiphyt. (n. s.) 8: 111-120. 1942. 464.9 F84A  
Colletotrichum agaves.
- 20811 \*BENLLOCH, M. El repilo, vivillo o caída de las hojas del olivo. Spain. Serv. de Defensa Sanit. del Olivo. P. 9, 11 p. Madrid, 1944. 464.9 Spl2  
Caused by Cycloconium oleaginum.
- 20812 BLODGETT, E. C., and RAY, W. W. Leak, caused by Pythium debaryanum Hesse, produces typical "shell rot" of potato in Idaho. Amer. Potato J. 22: 250-253. Aug. 1945. 75.8 P842
- 20813 \*BRANAS, J., and BERNON, G. Essais de soufres et de produits soufrés à l'École Nationale d'Agriculture de Montpellier. Ann. des Épiphyt. (n. s.) 9: 83-129. 1943. 464.9 F84A  
For control of powdery mildew of grape.
- 20814 BRUNER, S. C. La enfermedad de Panamá del plátano. Fomento [monthly] 1(8): 23-24, 26. (Cont.) June 1944. 8 F734
- 20815 CASS SMITH, W. P. A note on the occurrence of Sclerotinia [S. sclerotiorum] twig blight of oranges. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 77-8. Mar. 1945. 23 W52J
- 20816 \*CASTELLANI, E. A proposito della presunta resistenza di varietà brasiliane di caffè alla Hemileia vastatrix. Agr. Colon. 36: 100-101. Apr. 1942. 26 Ag82
- 20817 \*CASTELLANI, E. Attuali conoscenze sul genere Fusarium in Africa Orientale Italiana. Agr. Colon. 34: 425-431. Oct. 1940. 26 Ag82
- 20818 \*CASTELLANI, E. Su due malattie del cartamo osservate nell'altopiano etiopico. Agr. Colon. 34: 331-338. Aug. 1940. Ref. 26 Ag82  
Puccinia carthami and Cercospora carthami on safflower.
- 20819 \*CASTELLANI, E. Su due malattie del Cyperus rotundus L. Agr. Colon. 36: 157-161. June 1942. 26 Ag82  
Puccinia caniculata and Cintractia sp.
- 20820 \*CICCARONE, A. Note sulla biologia della "nebbia del frumento" (Erysiphe graminis D. C.) nello Scioa. Agr. Colon. 35: 232-238. June 1941. 26 Ag82
- 20821 CLAYTON, E. E., and GAINES, J. G. Temperature in relation to development and control of blue mold (Peronospora tabacina) of tobacco. J. Agr. Res. 71: 171-182. Aug. 15, 1945. 1 Ag84J
- 20822 CLUB root disease. North. Ireland. Min. Agr. Monthly Rpt. 20: 47. June 1945. 256.13 Ag82M
- 20823 DAINES, R. H. Foot rot [Plenodomus destruens] of sweet potatoes and its control. N. J. Agr. Expt. Sta. Plant Dis. Notes 22: 25-28, processed July 1945. 464.9 N46P
- 20824 DAINES, R. H. New fungicides and apple scab control. Md. Agr. Soc.—Md. Farm Bur. Rpt. (1944) 29: 99-101. 1945. 4 M366
- 20825 \*FOEX, F. Un champignon à sclérote du blé: son action parasitaire. Ann. des Épiphyt. (n. s.) 7: 21-42. 1941. Ref. 464.9 F84A
- 20826 \*FOEX, F. Revue des travaux sur diverses maladies des céréales déterminées par des champignons à sclérotés. Ann. des Épiphyt. (n. s.) 7: 43-53. 1941. Ref. 464.9 F84A



- 20827 \*FRANÇOT, P., MAURO, J., and BOYER, L. A. L'oidium: observations viti-vinicoles effectuées en Champagne en 1943. Prog. Agr. et Vitic. 60: 234-237. Dec. 5/12, 1943. 14 P94
- 20828 \*FRON, G. Sur une maladie du pavot-oeillet. Acad. d'Agr. de France. Compt. Rend. 29: 358-359. June 30/July 7, 1943. 14 P2158c
- Downy mildew (*Peronospora arborescens*) of poppy.
- 20829 GARRETT, S. D. The root-infecting fungi. Endeavour 4: 104-107. July 1945. 472 En2
- 20830 JEFFERS, W. F. The strawberry red stele situation in Maryland. Plant Dis. Rptr. 29: 606-611. July 15, 1945. 1.9 P69P
- Survey of disease caused by *Phytophthora fragariae*.
- 20831 JENKINS, W. A. A new control for blue mold [Downy mildew of tobacco]. South. Planter 106 (9): 32-33. Sept. 1945. 6 So89
- 20832 JONES, W. Pink rot disease [*Phytophthora erythroseptica*] of potatoes in British Columbia. Sci. Agr. 25: 597-600. June 1945. Ref. 7 Sci2
- 20833 \*KUEHNHOLTZ-LORDAT. Notes de pathologie végétale. Ann. des Épiphyt. (n. s.) 8: 61-80; 9: 207-216. 1942. 464.9 F84A
- Sur un procédé d'éclaircissage pour l'étude des érysiphées, by J. M. Gastaud, p. 214-216.
- 20834 \*LIMASSET, P., and GODARD, M. Nouvelles recherches sur le *Phytophthora infestans* (Mont.) de Bary. Ann. des Épiphyt. et de Phytogénét. (n. s.) 6: 145-156. 1940. 464.9 F84A
- Relation to the development of the potato.
- 20835 \*LINDFORS, T. Utröta Berberis! Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige 15(23): 12. June 9, 1945. 11 J762
- Control of barberry (host for rust organism), including legislation.
- 20836 \*LING, L., and LIN, K. R. On the occurrence of *Colletotrichum capsici* in China. Indian J. Agr. Sci. 14: 162-167. Apr. 1944. 22 Ag83J
- 20837 \*MAURO, J. Les périthèces de l'oidium en Champagne. Prog. Agr. et Vitic. 60: 233-234, 255-259. Dec. 5/12, 1926, 1943. 14 P94
- 20838 MILLIKAN, C. R. Wilt disease of flax [*Fusarium oxysporum* f. lini]. Victoria. Dept. Agr. J. 43: 305-313, 354-361. July, Aug. 1945. Ref. 23 V66J
- 20839 MOORE, E. C. "Peacock leaf spot" [*Cycloconium*] on olives. Calif. Cult. 92: 438. Aug. 18, 1945. 6 G12
- 20840 \*MOREAU, L., and VINET, E. L'oidium en 1942 au vignoble expérimental de Belle-Beille. Ann. des Épiphyt. (n. s.) 9: 131-133. 1943. 464.9 F84A
- 20841 \*MORQUER, R., and NYSTERAKIS, F. Les commensaux et les ennemis du phylloxéra de la vigne. Prog. Agr. et Vitic. 61: 152-155. May 7/14, 1944. 14 P94
- Fungi associated with Phylloxera.
- 20842 OGILVIE, L. Seed infection as a cause of outbreaks of *Didymella* [D. lycopersici], stem-rot of tomato. Gard. Chron. 118: 71-72. Aug. 18, 1945. 80 G162
- 20843 \*OSTERWALDER, A. Zur Gleosporium kirschenschaffnisi. Schweiz. Z. f. Obst- u. Weinbau 54: 249-250. July 7, 1945. 80 Sch9
- Glomerella cingulata* on cherry.
- 20844 P., N. C. Wheat crops showing blanched ears at harvest time. Farmers' Gaz. [Dublin] 103: 489. Aug. 26, 1945. 10 F221
- Caused by take-all disease.
- 20845 \*PETRI, L. I parassiti vegetali dell'olivo. Contr. Naz. di Olivicoltura, Bari, 1938. Atti 2: 46-55. Roma, 1940. 94.72 G7682
- 20846 PETURSON, B., NEWTON, M., and WHITESIDE, A. G. O. The effect of leaf rust on the yield and quality of wheat. Canad. J. Res. Sect. C, Bot. Sci. 23: 105-114. Aug. 1945. 470 G16C
- 20847 PINCKARD, J. A. Control cabbage mildew [*Peronospora parasitica*]. Food Packer 26(10): 63-64. Sept. 1945. 286.83 G165
- 20848 R., D. H. Blight that killed a million. Field 186: 169. Aug. 18, 1945. 10 P45
- Potato blight which caused the Irish famine 1845-46.
- 20849 \*RAUCOURT, M. Vue d'ensemble sur les essais anticryptogamiques de 1942. Ann. des Épiphyt. (n. s.) 9: 163-167. 1943. 464.9 F84A
- 20850 \*S. Achtet auf den maisbrand! Blumen u. Pflanzenbau ver. mit Gartenwelt 48: 148. June 23, 1944. 80 G196
- 20851 S., G. D. Diseases of wheat and barley. N. F. U. Rec. 23: 212-213. Aug. 1945. 281.8 W21
- Take-all and eyespot of wheat and barley.
- 20852 SARAVIA I., G. Oidio de la vid (*Uncinula necator*). Agrario 8(342): 10. July 15, 1944. 9.3 Ag85
- 20853 \*SCHAD, C. Étude des facteurs de l'infection primaire et de la durée de l'incubation en vue de la prévision des époques de traitements contre le mildiou de la vigne. Ann. des Épiphyt. (n. s.) 9: 19-25. 1943. 464.9 F84A
- 20854 \*SCHAD, C. Possibilité d'organiser un service d'avertissements contre la tavelure du pommier et du poirier. Ann. des Épiphyt. (n. s.) 9: 11-17. 1943. 464.9 F84A
- 20855 SCHNEIDER, H. Surveys and observations on Verticillium wilt of guayule in California from 1943 to 1945. Plant Dis. Rptr. 29: 615-617, processed. July 15, 1945. 1.9 P69P
- 20856 \*SIBILIA, C. Nuovi studi sulla specializzazione fisiologica di Puccinia graminis tritici Erikss. et Henn. in Africa Orientale Italiana. Agr. Colon. 34: 145-147. Apr. 1940. 26 Ag82
- 20857 \*STAEBELIN, M. Le rougeot. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 4, p. 3-4. Apr. 1945. 17 J82A
- Redburn of grape.
- 20858 TAWSE, W. J. Talk of revolution in apple sprays. Family Herald and Weekly Star 76(36): 6. Sept. 5, 1945. 7 F21
- Flotation sulphur paste used as spray for scab of apple.
- 20859 THOMPSON, T. G. Control of black spot [of apples]. Tasmanian Fruitgrower & Farmer 21, i.e. 30 (265): 14. July 20, 1945. 23 T185
- 20860 THOROLD, C. A. "Reported control of Panama disease." Agr. Soc. Trinidad & Tobago. Proc. 45: 39, 41. Mar. 1945. 8 H73
- Panama disease of banana.
- 20861 WESTCOTT, C. Azalea petal blight [*Ovulinia azaleae*] can be controlled. Home Gard. for South 5: 134-139. July/Aug. 1945. 80 H755
- 20862 WESTON, W. A. R. D. Loose smut [*Ustilago tritici*] of wheat. Gt. Brit. Min. Agr. Agriculture 52: 234-236. Aug. 1945. 10 G79J
- 20863 VIANI, J. S. *Mycosphaerella* [M. citrullina], black rot of cucurbits. J. Agr. Res. 71: 193-213. Sept. 1, 1945. Ref. 1 Ag84J
- 20864 WILSON, E. E. A wilt disease of Persian walnut in California. Plant Dis. Rptr. 29: 614-615, processed. July 15, 1945. 1.9 P69P
- Spores of an unidentified fungus isolated.

#### Diseases Caused by Bacteria

- 20865 \*BERGER, G. Une bactériose de la tomate nouvellement observée au Maroc (*Phytophthora michiganensis* (E. F. Smith) Bergey et al.). Ann. des Épiphyt. (n. s.) 8: 177-187. 1942. 464.9 F84A
- 20866 CARTER, J. C. Wetwood of elms. Ill. Nat. Hist. Survey B. 23: 407-448. Aug. 1945. Ref. 410.9 IL6
- Caused by *Erwinia nimipressuralis* n. sp.
- 20867 \*PIETKAU. Die schwarzbeinigkeit der kartoffel. Landesbauernschaft Moselland. Wchnbl., No. 29, p. 308. July 15, 1944. 18 L2328



20868 HARDISON, J. R. Bacterial blight [*Corynebacterium rathayi*] of orchard grass observed in Oregon. Plant Dis. Rptr. 29: 600, processed. July 15, 1945. 1.9 P69P

20869 PALMA, D. La tuberculosis del olivo; consideraciones sobre su eliminación. Chacra 15 (177): 12-13, 85. July 1945. 9 C34  
Knot caused by *Phytophthora savastanoi*.

20870 WAGER, V. A. Bacterial wilt [*Bacterium solanacearum*] in bringals [eggplants] and tomatoes. Farmer [Pietermaritzburg] (22): 8. June 1, 1945. 24 P227

#### Viruses and Virus Diseases

20871 BAILEY, J. S. Blueberry "stunt" disease. Mass. State Col. Ext. Fruit Notes, July 31, 1945, p. 8, processed. 275.29 M381Fr

A virus disease recently found in Massachusetts.

20872 BAIN, D. C. Sugarcane mosaic in Mississippi. Plant Dis. Rptr. 29: 618, processed. July 15, 1945. 1.9 P69P

20873 BRIERLY, P., and SMITH, F. F. Spread of fleck disease. Florists' Rev. 96(2491): 31. Aug. 23, 1945. 80 W41

Virus diseases of Easter lilies transmitted by aphids.

20874 CASS SMITH, W. P. The bean mosaic menace. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 20-25. Mar. 1945. 23 W52J

20875 FAWCETT, H. S. Chemical treatment for scaly bark of citrus. Calif. Citrog. 30: 340. Sept. 1945. 80 C125

Solution of DN-75 (dinitro-cyclohexylphenol) used in control of psoriasis.

Also in Citrus Leaves 25(9): 9. Sept. 1945. 80 C492

20876 HAARDICK, H., KAUSCHE, G. A., and RUSKA, H. Elektronenmikroskopische bestimmung der konzentration von tabakmosaikviruslösungen. Naturwissenschaften 32: 226-228. July/Sept. 1945. 474 N213

20877 \*LEPINE, P., and JEANTET, P. Sur la structure des paracristaux de la mosaïque du tabac examinés à l'ultramicroscope. Inst. Pasteur [Paris]. Ann. 68: 466-467. Sept./Oct. 1942. 448.3 An75

20878 POUND, G. S., and WALKER, J. C. Differentiation of certain crucifer viruses by the use of temperature and host immunity relations. J. Agr. Res. 71: 255-278. Sept. 1945. Ref. 1 Ag84J

20879 PRICE, W. C., WILLIAMS, R. C., and WYCKOFF, R. W. G. The electron micrography of crystalline plant viruses. Science 102: 277-278. Sept. 14, 1945. Ref. 470 Sci2

20880 RHOADS, A. S. Symptom expression of rusty mottle in Utah sweet cherry orchards. Plant Dis. Rptr. 29: 613-614, processed. July 15, 1945. 1.9 P69P

Leaf disease caused by the virus *Marmor rubiginosum*

20881 \*VASUDEVA, R. S., and LAL, T. B. Big bud disease of the tomato. Indian J. Agr. Sci. 14: 160-162. Apr. 1944. 22 Ag831

20882 WAHLBERG, H. E. Scaly bark [psoriasis of citrus] - the only known cure is elimination. Calif. Citrog. 30: 354-355. Sept. 1945. 80 C125

#### Diseases Caused by Nematodes

20883 BONDAR, G. Nova e grave ameaça aos coqueirais brasileiros. A verminose do coqueiro na Bahia. Campo [Rio de Janeiro], Mar. 1945, p. 15-19. (Cont.) 9.2 C15

20884 \*CONFORTI, E. L'anguillulosi del banano nella Somalia Italiana. Agr. Colon. 37: 128-131. May 1943. 26 Ag82

20885 \*LINNMAN, N. Klövertrötthet och klöverål. Clover fatigue and clover-eel. Lantmannen 29: 567-568. June 23, 1945. 11 L234

20886 \*SHUMEYKO, A. I. K voprosu o zarazhennosti fajtami glistov ovoshchei i fruktov v Samarkande (A study on the intensity of infestation with the eggs of helminths of the vegetables and fruits in Samarkand). Med. Parazitol. i Parazitar. Bolezni 13 (6): 77-78. 1944. 448.8 M469

20887 TAUNAY, A. DE E. Observação do "mal de Cantagalo." Brazil: Dept. Nac. do Café. DNC 24: 321-327, 469-476, 631-639. Mar., Apr., May 1945. 286.83 D44

Nematodes.

Title varies.

#### ECOLOGY

20888 \*BALLICO, P. Le prime linee di un programma di ricerca ecologica in Libia. Agr. Colon. 35: 199-204. May 1941. 26 Ag82

20889 \*BARTSCH, J. Über den natürlichen gesellschaftsanschluss der fichte im Schwarzwald und ihren einfluss auf den standort bei künstlichen anbau.

Allg. Forst- u. Jagd-Ztg. 117: 29-48, 63-80. Feb., Mar. 1941. 99.8 AL3

20890 BEZERRA DOS SANTOS, L. Aspecto geral da vegetação do Brasil. Brazil. Min. do Trab., Indús. e Com. B. 11(126): 283-294. Feb. 1945. 255.3 B737A

20891 \*BRACCINI, P. Sulla composizione botanica dei pascoli alpini utilizzati dagli ovini. Ital. Agr. 78: 709-714. Oct. 1941. 16 It1

20892 \*CHERNOV, V. K. Nabliudeniya nad ekologiei *Frustulia rhomboides* var. *saxonica* (Rabh.) de Toni (Observations sur l'écologie de *Frustulia rhomboides* var. *saxonica* (Rabh.) de Toni). Sovet. Bot. 1944, No. 4/5, p. 77-81. 450 So8

20893 DIAS, J. DE O. Ecologia. Pernambuco. Sec. de Agr., Indús. e Com. B. 12: 1-11. Jan./Mar. 1945. 9.2 P423

20894 EDLIN, H. L. Natural reproduction of trees and shrubs introduced to the New Forest [England]. Q. J. Forestry 39: 91-99. July 1945. 99.8 Q2

20895 \*EHWALD, E. Pflanzensoziologische exkursion der forstlichen abteilung der universität Freiburg. Allg. Forst- u. Jagd-Ztg. 116: 15-23. Jan. 1940. 99.8 AL3

20896 \*FELDMANN, J. La végétation benthique de la Méditerranée. Soc. de Biogéog. Mém. 7: 180-195. 1940. 410.9 Sol23

20897 \*FEUCHT, O. Zur frage der wuchstockungen in eichenjungwüchsen des Hofkammerwaldes Liebenstein. Allg. Forst- u. Jagd-Ztg. 116: 79-81. Mar. 1940. 99.8 AL3

20898 \*GORODKOV, B. N. Tundry Ob'-Eniseiskogo vodorazdela (Les tundra de la ligne de partage des eaux de l'Obi-Jénissée). Sovet. Bot. 1944, No. 4/5, p. 20-31. (Cont.) 450 So8

20899 \*IL'INSKIY, A. P. Sezonnaya dinamika lesnykh biotsenozov (La dynamique saisonnière des biocenoses forestières). Sovet. Bot. 1944, No. 4/5, p. 32-45. 450 So8

20900 \*KARAVAEV, M. N. Kratkiy analiz flory stepei tsentral'noi Yakutii (A short outline of the vegetation of the steppes of the central Yakutia). Bot. Zhur. S. S. S. R. (J. Bot. de l'U. R. S. S.) 30: 62-76. 1945. Ref. 451 R923

English summary.

20901 \*NEISHTADT, M. I. Eshche k voprosu o listvennichnosomnovoi taigii v Vostochnoi Sibiri (Sur la primordiale du taiga de larix et de pin en Sibérie orientale). Sovet. Bot. 1944, No. 4/5, p. 71-76. 450 So8

20902 PATTON, R. T. Ecological studies [*Eucalyptus* spp.]. Roy. Soc. Victoria, Proc. (n. s.) 56: 35-50. Aug. 1944. Ref. 514 M482

20903 BAUP, H. W. Vegetation along the Alaska Highway and the north Pacific coast. N. Y. Bot. Gard. J. 46: 177-191. Aug. 1945. 451 N48J



- 20904 SCHREINER, E. J. Variation between two hybrid poplars in susceptibility to the inhibiting effect of grass and weeds. *J. Forestry* 43: 669-672. Sept. 1945. 99.8 F768
- 20905 \*VIRVILLE, A. D. DE. Les zones de végétation sur le littoral Atlantique. *Soc. de Biogéog. Mem.* 7: 205-251. 1940. 410.9 Sol23
- 20906 \*VORKAMPFF-LAUE. Zur Lärchenfrage. *Allg. Forst- u. Jagd-Ztg.* 116: 279-280. Nov. 1940. 99.8 AL3

## MORPHOLOGY, ANATOMY, AND CYTOLOGY

- 20907 \*ALMEIDA, C. R. M. DE. Híbridos de enxertia. *Portugal. Junta Nac. das Frutas. B.* 4(12): 9-14. Dec. 1944. 286.3939 P83
- 20908 \*AYYAR, M. A. S. A proliferation of the sorghum spikelets. *Madras Agr. J.* 30: 416-419. Dec. 1942. Ref. 22 M262
- 20909 BEAKBANE, A. B., and THOMPSON, E. C. Abnormal lignification in the wood of some apple trees. *Nature [London]* 156: 145-146. Aug. 4, 1945. 472 N21
- 20910 DARLINGTON, C. D., and JANAKI-AMMAL, E. K. Adaptive isochromosomes in *Nicandra* [N. physaloides]. *Ann. Bot. [London] (n.s.)* 9: 267-281. July 1945. Ref. 450 An7
- 20911 DARLINGTON, C. D., and LA COUR, L. F. Chromosome breakage and the nucleic acid cycle. *J. Genet.* 46: 180-267. Jan. 1945, pub. Mar. 12. Ref. 442.8 J823
- Appendix I. The calculation of sister-reunion frequency, by K. Mather, p. 252-263; Appendix II. Pollen grains and pollen tubes, p. 263-267.
- 20912 \*DATTA, A. Comparative study of the vegetative and flowering axes of *Leonurus sibiricus* L. *Indian Acad. Sci. Proc. Sect. B* 22: 10-17. July 1945. Ref. 513 In25B
- 20913 \*DORASAMI, L. S., and GOPINATH, D. M. An embryological study of *Linum mysorens* Heyne. *Indian Acad. Sci. Proc. Sect. B* 22: 6-9. July 1945. Ref. 513 In25B
- 20914 \*FAGERLIND, F. Der tetrasporische angiospermen-embryosack und dessen bedeutung für das verständnis der entwicklungsmechanik und phylogenie des embryosacks. *Arkiv för Bot., v. 31A, No. 11*, 71 p. 1944. Ref. 451 Sv2
- 20915 GRAVES, A. H. The living tree. *Plants & Gard.* 1: 11-17. Spring 1945. 450 P694
- Anatomy and physiology.
- 20916 HSU, T. C. The empty pollen grains of double-flowered tuberose; *Pollanthes tuberosa*. (Abs.) *Acta Brevia Sinensia*, No. 8, p. 18, processed. Dec. 1944. 472 Ac8
- 20917 HSU, T. C., and LIU, T. T. Meiosis of the autotriploid *Hemerocallis fulva*. (Abs.) *Acta Brevia Sinensia*, No. 8, p. 18, processed. Dec. 1944. 472 Ac8
- 20918 HSU, T. C. The microsporogenesis of *Chlorophytum elytum*. (Abs.) *Acta Brevia Sinensia*, No. 8, p. 16, processed. Dec. 1944. 472 Ac8
- 20919 \*IYENGAR, N. K. Cytological investigations on hexaploid cottons. *Indian J. Agr. Sci.* 14: 142-150. Apr. 1944. 22 Ag831
- 20920 \*IYENGAR, N. K. A note on a synthetic tetraploid in Asiatic cotton. *Madras Agr. J.* 30: 49-52. Feb. 1942. 22 M262
- Hybrid of *Gossypium anomalum* and *G. arboreum*.
- 20921 \*IYENGAR, R. L. N. Variation in the measurable characters of cotton fibres. VII. *Indian J. Agr. Sci.* 14: 222-226. June 1944. 22 Ag831
- 20922 \*KAUSIK, S. B., and SUBRAMANYAM, K. An embryological study of *Isotoma longiflora* Presl. *Indian Acad. Sci. Proc. Sect. B* 21: 269-278. May 1945. Ref. 513 In25B
- 20923 \*KUMAR, L. S. S. A comparative study of autotetraploidy and diploid types in mung (*Phaseolus radiatus* Linn.). *Indian Acad. Sci. Proc. Sect. B* 21: 266-268. May 1945. 513 In25B
- 20924 \*KUMAR, L. S. S., ABRAHAM, A., and SRINIVASAN, V. K. Preliminary note on autotetraploidy in *Cajanus indicus* Spreng. *Indian Acad. Sci. Proc. Sect. B* 21: 301-306. June 1945. 513 In25B
- 20925 LIU, T. T. Cytological studies of *Allium odorum*. (Abs.) *Acta Brevia Sinensia*, No. 8, p. 15, processed. Dec. 1944. 472 Ac8
- 20926 \*LÖVE, A., and LÖGE, D. Cyto-taxonomical studies on boreal plants. II-III. *Arkiv för Bot., v. 31B, No. 1*, 6 p.; *v. 31A, No. 12*, 22 p. 1944. Ref. 451 Sv2
- II. Some notes on the chromosome numbers of Juncaceae. III. Some new chromosome numbers of Scandianian plants.
- 20927 MCCANN, L. P. Embryology of the tung tree. *J. Agr. Res.* 71: 215-229. Sept. 1, 1945. 1 Ag84J
- 20928 MAHESHWARI, P. An endodermal phellogen in the stem of *Paederia foetida*. *Nature [London]* 156: 116-117. July 28, 1945. 472 N21
- 20929 MAHESHWARI, P. Origin of haploid-diploid twin embryos in angiosperms. *Nature [London]* 156: 173-174. Aug. 11, 1945. Ref. 472 N21
- 20930 MILANEZ, F. R. Hemicelulose de reserva no embrião de "*Hevea brasiliensis*" Mull. - Arg. *Rodriguesia* 9(18): 43-59. Apr. 1945. 442.8 R61
- 20931 OCCHIONI, P. Número de cromossomos em "*Capsicodendron*." *Rodriguesia* 9(18): 37-39. Apr. 1945. 442.8 R61
- 20932 SZE, L. C. On the nucleolus in the pollen grain divisions of *Allium fistulosum*. (Abs.) *Acta Brevia Sinensia*, No. 8, p. 15-16, processed. Dec. 1944. 472 Ac8
- 20933 SZE, L. C. Some notes on the meiosis of *Lilium sargentiae*. (Abs.) *Acta Brevia Sinensia*, No. 8, p. 16, processed. Dec. 1944. 472 Ac8
- 20934 SZE, L. C. Structural changes of the meiotic chromosomes of *Vicia faba*. (Abs.) *Acta Brevia Sinensia*, No. 8, p. 14, processed. Dec. 1944. 472 Ac8
- 20935 WARDLAW, C. W. Experimental and analytical studies of pteridophytes. V. Stellar morphology: the development of the vascular system. *Ann. Bot. [London] (n.s.)* 9: 217-233. July 1945. Ref. 450 An7
- 20936 WARDLAW, C. W. The shoot apex in pteridophytes. *Cambridge Phil. Soc. Biol. Rev.* 20: 100-113. July 1945. Ref. 442.9 C14
- 20937 WITKUS, E. R. Cytological studies in *Spinacia* and *Allium*. (Abs.) *Fordham U. Diss.* 11: 15-17. 1944. 241.8 F75

## GENETICS

- 20938 \*BEKETOVSKIY, D. N., and SHELUTO, M. I. K biologicheskoi kharakteristike pervogo pokoleniia (F<sub>1</sub>) heterogennoi formy stepnoi vishni (*Prunus chamaecerasus* var. *pendula* Dipp. foliis variegatis) (To the biologic character of the first generation (F<sub>1</sub>) of the heterogenous form of the steppe-cherry (*Prunus chamaecerasus* var. *pendula* Dipp. foliis variegatis)). *Bot. Zhur. S. S. S. R. (J. Bot. de l'U. R. S. S.)* 30: 77-93. 1945. 451 R923
- English summary.
- 20939 CARSON, G. P., and HOWARD, H. W. Note on the inheritance of the King Edward type of colour in potatoes. *J. Genet.* 46: 358-360. Jan. 1945, pub. Mar. 12. 442.8 J823
- 20940 \*CUGNAC, A. DE, and SIMONET, M. Recherches phylétiques sur le genre *Bromus*. X. Quelques nombres de chromosomes et leur signification phylétique et phylogénétique. *Soc. Bot. de France. B.* 88: 513-517. Jan./June 1941. Ref. 451 F84B



- 20941 \*CUGNAC, A. DE, and CAMUS, A. Recherches phylétiques sur le genre *Bromus*. XII. Un hybride inter-spécifique nouveau: *x Bromus laagei* hyb. nov. = *Bromus tectorum x squarrosus*. Soc. Bot. de France. B. 91: 172-174. Oct./Nov. 1944. 451 F84B
- 20942 DODDS, K. S. Genetical and cytological studies of *Musa*. VI. The development of female cells of certain edible diploids. J. Genet. 46: 161-179. Jan. 1945, pub. Mar. 12. 442.8 J823
- 20943 KHAN, S. Pollen sterility in different varieties of *Solanum tuberosum*. (Abs.) Acta Brevia Sinensis, No. 8, p. 17, processed. Dec. 1944. 472 Ac8
- 20944 KNAFF, E. Das problem der erbsubstanz. Naturwissenschaften 32: 139-147. Apr./June 1944. 474 N213
- 20945 LANGHAM, D. G. Genetics of sesame. II. Inheritance of seed pod number, aphid resistance, "yellow leaf," and wrinkled leaves. J. Hered. 36: 245-253. Aug. 1945. 442.8 Am3
- 20946 LIU, T. T. The nature of hybrid sterility between *Oryza japonica* and *Oryza indica*. (Abs.) Acta Brevia Sinensis, No. 8, p. 17, processed. Dec. 1944. 472 Ac8
- 20947 MANGELSDORF, P. C. The origin and nature of the ear of maize. Harvard U. Bot. Mus. Leaflet 12: 33-75. Aug. 15, 1945. 451 E262
- 20948 RAO, M. V. Inheritance of characters in safflower-- *Carthamus tinctorius* L. Madras Agr. J. 31: 141-148. May 1943. Ref. 22 M262
- 20949 RICHEY, F. D. Bruce's explanation of hybrid vigor. J. Hered. 36: 243-244. Aug. 1945. 442.8 Am3
- Refers to A. B. Bruce's article The Mendelian Theory of Heredity..., a reproduction of which is given.
- 20950 RILEY, H. P. Inheritance of orange and yellow flower color in *Nemesia strumosa*. Torrey Bot. Club. B. 72: 435-453. Sept./Oct. 1945. Ref. 451 T63B
- 20951 RINKE, E. H. Inheritance of coumarin in sweet clover. Amer. Soc. Agron. J. 37: 635-642. Aug. 1945. 4 Am34P
- 20952 SANSOME, E. Heterokaryosis and the mating-type factors in *Neurospora*. Nature [London] 156: 47. July 14, 1945. 472 N21
- 20953 \*SCHMIDT, W. Erbforschungsfragen. Allg. Forst- u. Jagd-Ztg. 117: 1-15. Jan. 1941. 99.8 AL3
- 20954 STEPHENS, S. G. Canalization of gene action in the *Gossypium* leaf-shape system and its bearing on certain evolutionary mechanisms. J. Genet. 46: 345-357. Jan. 1945, pub. Mar. 12. Ref. 442.8 J823
- 20955 STEPHENS, S. G. Colchicine-produced polyploids in *Gossypium*. II. Old World triploid hybrids. J. Genet. 46: 303-312. Jan. 1945, pub. Mar. 12. 442.8 J823
- 20956 STEPHENS, S. G. A genetic survey of leaf shape in New World cottons: a problem in critical identification of alleles. J. Genet. 46: 313-330. Jan. 1945, pub. Mar. 12. 442.8 J823
- 20957 STEPHENS, S. G. The modifier concept: a developmental analysis of leaf-shape 'modification' in New World cottons. J. Genet. 46: 331-344. Jan. 1945, pub. Mar. 12. 442.8 J823
- 20958 TAN, C. C., and SZE, L. C. On the pollen sterility of *Solanum tuberosum*. (Abs.) Acta Brevia Sinensis, No. 8, p. 16, processed. Dec. 1944. 472 Ac8
- 20959 \*TIÈCHE, J. La mutation. Rev. Hort. Suisse 18: 96-98. May 1945. 80 R3212
- 20960 VARELA MARTINEZ, R. La genética vegetal en Colombia. Agr. Trop. 1(3): 7-19. Apr. 1945. 96 Ag8
- PHYSIOLOGY
- 20961 RANNAN, M. W. Tetraploid *Taraxacum kok-saghyz*. I. Characters of the leaves and inflorescences in the parental colchicine-induced generation. Canad. J. Res. Sect. 2, Bot. Sci. 23: 131-143. Aug. 1945. 470 C16C
- 20962 BARTON, L. V. Respiration and germination studies of seeds in moist storage. N. Y. Acad. Sci. Ann. 46: 185-208. Aug. 18, 1945. 500 N484
- 20963 BATHURST, A. C. The effects of superphosphate on orange trees. Farming in So. Africa 20: 351-353. June 1945. 24 So842
- Effect on quality of fruit and occurrence of mottling.
- 20964 \*BHARGAVA, K. S. Physiological studies on some members of the family Saprolegniaceae. Part II. Sulphur and phosphorus requirements. Indian Acad. Sci. Proc. Sect. B 21: 344-349. June 1945. 513 In25B
- 20965 \*BHAR, S. S. The die-back disease of citrus trees. Indian Farming 6: 250-253. June 1945. 22 In283
- Physiological disease resulting from malnutrition.
- 20966 \*BODMER, H. Les cultures sur solutions. Rev. Hort. Suisse 18: 116-120. June 1945. 80 R3212
- 20967 CHADWICK, L. C. Chlorosis of ornamental trees (yellowing of leaves). Ohio Agr. Col. Ext. Gard. Notes, Sept. 1, 1945, p. 3-4. 275.29 Oh32Fb
- 20968 \*CHAPTAL, L. Contribution à l'étude du phytoclimat. Ann. des Épiphyt. et de Phytogénét. (n. s.) 6: 133-144. 1940. 464.9 F84A
- 20969 \*CHERNOV, V. K. K biologii diatomovoi vodorosli *Tabellaria fenestrata* Ktz. (A contribution to the biology of the diatom *Tabellaria fenestrata* Ktz.). Bot. Zhur. S. S. S. R. (J. Bot. de l'U. R. S. S.) 30: 59-61. 1945. 451 R923
- English summary.
- 20970 \*CHOUARD, P. Le photopériodisme (action de la durée des jours et des nuits) et ses applications agricoles et horticoles. Rev. des Agr. de France 76: 85-87. (Cont.) June/July 1944. 14 R325
- 20971 \*CHOUARD, P. Théorie et pratique de la vernalisation. Rev. des Agr. de France 75: 37-38, 34-55. Mar., Apr. 1943. 14 R325
- 20972 \*CIVRAN, R. Prove preliminari sul taleaglio del caffè e del cacao per mezzo di auxine. Agr. Colon. 34: 197-200. May 1940. Ref. 26 Ag82
- 20973 CULPEPPER, C. W., and CALDWELL, J. S. The development of different parts of the lima bean pod in relation to tests for stage of development and eating quality of its seeds. Fruit Prod. J. and Amer. Food Mfr. 24: 368-372, 377, 379, 381. Aug. 1945. 389.8 F94
- 20974 \*DASTUR, R. H., and AHAD, A. Studies in the periodic partial failures of the Punjab-American cottons in the Punjab. XI. Trends in growth of normal and tirak plants; with special studies on bolls. Indian J. Agr. Sci. 14: 152-160, 181-195. Apr., June 1944. 22 Ag831
- 20975 \*DASTUR, R. H., SINGH, M., and SINGH, S. Studies in the periodic partial failures of the Punjab-American cottons in the Punjab. XII. Further experiments on the amelioration of tirak. Indian J. Agr. Sci. 14: 152-160, 181-195. Apr., June 1944. 22 Ag831
- 20976 DRUMMOND, W. C. Chlorosis. Part III. Begonian 12: 164, 166-167. Sept. 1945. 96.511 B39
- 20977 \*FERREIRA DOS SANTOS, N. Elementos para o estudo das micorrizas ectendotróficas do *Pinus pinaster* Sol. Portugal. Dir. Geral dos Serv. Florestais e Aquícolas. P. 8: 65-95. 1941. 99.9 F834



- 20978 \*FRANÇOIS, L. Les semences des plantes commensales des légumineuses fourragères et des graminées de prairies. *Ann. de Phytogénét.* (n. s.) 7(spec. No.): 35-37, 59-90. 1941. Ref. 464.9 F84A
- 20979 \*FRANÇOIS, L. Semences et premières phases du développement des plantes caractéristiques de la provenance des céréales. *Ann. de Phytogénét.* (n. s.) 7(spec. No.): 1-32. 1941. 464.9 F84A  
Weed seeds and their development.
- 20980 FURR, J. R., and REEVE, J. O. Range of soil-moisture percentages through which plants undergo permanent wilting in some soils from semiarid irrigated areas. *J. Agr. Res.* 71: 149-170. Aug. 15, 1945. 1 Ag84J
- 20981 GILBERT, S. G., and SHIVE, J. W. The importance of oxygen in the nutrient substrate for plants - relation of the nitrate ion to respiration. *Soil Sci.* 59: 453-460. June 1945. 56.8 So3
- 20982 GRACE, N. H. Responses of plant stem cuttings treated with chemicals in a carrier dust. *Canad. J. Res. Sect. C, Bot. Sci.* 23: 115-126. Aug. 1945. 470 C16C
- 20983 \*GRISON, P. Remarques sur les tropismes et plus particulièrement sur le phototropisme. *Ann. des Epiphyt.* (n. s.) 9: 253-269. 1943. 464.9 F84A
- 20984 \*GUPTA, J. C. S., and SEN, N. K. On photoperiodic effect of jute plants. *Indian J. Agr. Sci.* 14: 196-202. June 1944. 22 Ag83I
- 20985 HAAS, A. R. C. Peel of Valencia orange and Marsh grapefruit as affected by the rootstock variety. *Calif. Citrog.* 30: 341. Sept. 1945. 80 C125
- 20986 HACQUART, A. Périodicité de la floraison et de la fructification du caféier "Robusta" à l'équateur. *B. Agr. du Congo Belge* 32: 496-538. Sept. 1941. 24 K83
- 20987 HATCHER, E. S. J. Studies in the vernalization of cereals. IX. Auxin production during development and ripening of the anther and carpel of spring and winter rye. *Ann. Bot. [London]* (n. s.) 9: 235-266. July 1945. Ref. 450 An7
- 20988 HSU, T. C. The effects of different concentrations of colchicine solution and of the duration of treatment on the growth of seedlings of *Impatiens balsamina*. (Abs.) *Acta Brevia Sinensia*, No. 8, p. 19, processed. Dec. 1944. 472 Ac8
- 20989 HUNTER, J. G., and M'GREGOR, A. J. An investigation of diseases resulting from inadequate nutrition of the potato plant. *Scot. J. Agr.* 25: 176-178. July 1945. 10 Sco82So
- 20990 HWANG, T. C. The effect of gamma-ray radiation on the elongation of the coleoptile of wheat, oats and rice. *Acta Brevia Sinensia*, No. 8, p. 22-23, processed. Dec. 1944. 472 Ac8
- 20991 HWANG, T. C. Photoperiodic responses of the growth and the blooming of pumpkin. *Acta Brevia Sinensia*, No. 8, p. 22, processed. Dec. 1944. 427 Ac8
- 20992 \*KURSANOV, A. L., and KRIUKOVA, N. N. Vliianie geograficheskogo faktora na aktivnost' peroksidazy v rasteniyakh (Influence of geographical factors on the activity of peroxidase in plants). *Biokhimiya* 10: 97-103. 1945. 385 B523  
In the bark of willow and birch, and in the needles of conifers.
- 20993 LEE, T. L., and HWANG, T. C. Growth stimulation by manganese sulfate, indole-3-acetic acid and colchicine in pollen germination and pollen tube growth. *Acta Brevia Sinensia*, No. 8, p. 21-22, processed. Dec. 1944. 472 Ac8
- 20994 MAUNSELL, P. W. Rate of growth and cobalt content of pasture. *New Zeal. J. Sci. and Technol. Sect. A, Agr.* 27: 40-41. June 1945. 514 N48A
- 20995 MEYER, J. R. Ação de uma heteroauxina sobre o crescimento de "seedlings" de orquídeas. *Biológico* 11: 151-153. June 1945. 442.8 B529
- 20996 MILLIKAN, C. R. Symptoms of copper deficiency in flax. *Roy. Soc. Victoria, Proc.* (n. s.) 56: 113-116. Aug. 1944. Ref. 514 M482
- 20997 \*MUKERJI, B. K., and AGARWAL, R. R. Preliminary study on the influence of variety, manures and irrigation on the composition and quality of barley. *Indian J. Agr. Sci.* 14: 109-116. Apr. 1944. 22 Ag83I
- 20998 \*NAIK, K. C., and RAO, M. M. Cropping behaviour in mangoes. *Madras Agr. J.* 29: 276-282. July 1941. 22 M262
- 20999 \*NAIK, K. C., and RAO, M. M. Some factors governing fruit-bud formation in mangoes (*Mangifera indica* Linn.). *Madras Agr. J.* 30: 329-335, 365-374. Oct., Nov. 1942. Ref. 22 M262  
I. Studies on certain aspects of growth. II. Relation between growth and flowering.
- 21000 \*PRAT, H., and CALVET, E. Application de la microcalorimétrie à l'analyse des stades initiaux de la germination. *Paris. Soc. de Biol. Compt. Rend.* 138: 662-663. Aug.-1944. 442.9 P2I  
Experiment with wheat.
- 21001 \*PRAT, H. Distinction d'un hydro-stade et examen des modalités d'action des facteurs externes au cours de la germination. *Paris. Soc. de Biol. Compt. Rend.* 138: 664-665. Aug. 1941. 442.9 P2I
- 21002 \*PRAT, H., and CALVET, E. Variations de thermogenèse provoquées par l'acide indol-3-acétique et l'alcool au cours des premiers stades de la germination. *Paris. Soc. de Biol. Compt. Rend.* 138: 675. Aug. 1944. 442.9 P2I  
Experiments with wheat.
- 21003 \*PRIANISHNIKOV, D. N. Osnovnye cherty obmena azotistykh v rasteniyakh (Sur le métabolisme des matières azotées chez les plantes). *Akad. Nauk S. S. R. Izv. Ser. Biol.* 1945: 147-159. 511 Sa2B  
French summary.
- 21004 \*ROHMEDER, E. Erfahrungen mit dem "seel-enverfahren" bei der untersuchung des forstlichen saattgutes. *Allg. Forst- u. Jagd-Ztg.* 116: 169-188. July 1940. 99.8 AL3
- 21005 \*ROSELLA, E. Sur un cas de dépérissement des pommiers. *Prog. Agr. et Vitic.* 62: 163-165. May 6/13, 1945. 14 P94
- 21006 \*SCHAEDE, R. Untersuchungen an der wurzelknöllchen von *Vicia faba* und *Pisum sativum*. *Beitr. z. Biol. der Pflanz.* 27: 165-188. 1941, pub. Dec. 1, 1940. Ref. 450 C66
- 21007 \*SCHERBAKOV, A. P. K voprosu ob uskorenii proraстанiya semjan (Sur l'accélération de la germination des semences). *Sovet. Bot.* 1944, No. 4/5, p. 60-70. 450 So8  
Experiments with wheat.
- 21008 SHEWELL-COOPER, W. E. Moisture and the plant. *Field* 186(4828): 14. July 7, 1945. 10 F45
- 21009 STUART, N. W. Overcoming dormancy of Easter lily bulbs by hot water treatment. *Florists' Rev.* 96(2492): 29-31. Aug. 30, 1945. 80 W41
- 21010 SUN, V. G., and SZE, L. C. A note on tsontsai [*Brassica juncea* var. *lineasifolia*]. (Abs.) *Acta Brevia Sinensia*, No. 8, p. 18, processed. Dec. 1944. 472 Ac8
- 21011 \*UTTAMAN, P. Some preliminary observations on the effect of drying the sprouted seed upon its viability and subsequent plant growth in paddy. *Madras Agr. J.* 32: 75-78. Mar./Apr. 1944. 22 M262
- 21012 WALKER, J. C., JOLIVETTE, J. P., and HART, W. W. Varietal susceptibility in garden beet to boron deficiency. *Soil Sci.* 59: 461-464. June 1945. 56.8 So3
- 21013 \*WARTENBERG, H. Bemerkungen über kälteschäden an ruhenden und keimenden samen. *Allg. Forst- u. Jagd-Ztg.* 116: 23-25. Jan. 1940. 99.8 AL3
- 21014 WENT, F. W. Controls in seed germination. *Sunset* 95(3): 46-47. Sept. 1945. 110 Su7



- 21015 \*ZOGG, H. Die herzförmige des oelmohns und ihre befämpfung. Switz. Eidg. Landw. Versuchsanst., Zürich-Oerlikon. Flugbl. 14, 4 p. Zurich, 1944. 105.5 Oe7

## BIOCHEMISTRY

- 21016 ARCHBOLD, H. K. Some factors concerned in the process of starch storage in the barley grain. Nature [London], 156: 70-73. July 21, 1945. 472 N21
- 21017 BRIAN, P. W., and MCGOWAN, J. C. Viridin: a highly fungistatic substance produced by *Trichoderma viride*. Nature [London], 156: 144-145. Aug. 4, 1945. 472 N21
- 21018 CLARKE, S. E., and TISDALE, E. W. The chemical composition of native forage plants of southern Alberta and Saskatchewan in relation to grazing practices. Canada. Dept. Agr. P. 769, 60 p. Ottawa, 1945. Ref. 7 C16T
- 21019 \*CUCCURULO, M. Analisi chimica di alcuni foraggi dell'Eritrea. Agr. Colon. 38: 46-55. Apr./June 1944. 26 Ag82
- 21020 \*CUGNAC, A. DE, and BELVAL, H. Recherches phylétiques sur le genre *Bromus*. IX. Glucides et affinités des bromes et des fétuques. Soc. Bot. de France. B. 88: 402-410. Jan./June 1941. 451 F84B
- 21021 HAAS, A. R. C. Boron content of citrus trees grown on various rootstocks. Soil Sci. 59: 465-479. June 1945. 56.8 So3
- 21022 HIGBEE, E. C., and SIEVERS, A. F. Notes on a wax from *Calathea lutea*. N. Y. Bot. Gard. J. 46: 192-196. Aug. 1945. 451 N48J
- 21023 LIBERALLI, C. H. *Eucalyptus citriodora* Hook. aclimado no Brasil e seu óleo essencial. Rev. da Flora Med. 12: 214-303. Apr./May 1945. 71.8 B32
- 21024 MULL, R. P. Studies of *Fusaria* pigments and fats and their relation to enzymatic dehydrogenations. (Abs.) Fordham U. Diss. 11: 18-20. 1944. 241.8 F75
- 21025 WHITEHEAD, E. I., OLSON, O. E., and MOXON, A. L. Some observations on the nitrate content of oat plants. S. Dak. Acad. Sci. Proc. (1944) 24: 61-64. 500 So82
- 21026 WINFIELD, M. E. The role of boron in plant metabolism. 2. An account of some attempts to isolate boron-complexes from plant tissues. Austral. J. Expt. Biol. and Med. 23: 111-117. June 1945. 442.8 Au7
- Winfield, M. E., formerly Smith, M. E.

## SILVICULTURE

- 21027 AITKINS, A. E. Forestry on the chalk downs at Leatherhead [Surrey, England]. Q. J. Forestry 39: 109-116. July 1945. 99.8 Q2
- Forestry history of a private estate and suggested silvicultural practices for chalk soils.
- 21028 AUTEN, J. T. Prediction of site index for yellow poplar [*Liriodendron tulipifera*] from soil and topography. J. Forestry 43: 662-668. Sept. 1945. 99.8 F768
- 21029 \*CARLSEN, C. G. Om skogsodling och plant-skolor. Lantmannen 29: 444. May 12, 1945. 11 L234
- On the cultivation of trees in nurseries.
- 21030 CHAMPION, H. G. Genetics and forestry. Q. J. Forestry 39: 74-81. July 1945. 99.8 Q2
- 21031 \*DANNECKER, Daseinskampf der weisstanne in ihren heimatgebieten. Allg. Forst- u. Jagd-Ztg. 117: 129-148. May 1941. 99.8 AL3
- Need for silvicultural and biological methods to check the disappearance of the silver fir in Germany.
- 21032 \*FAHR, Über eichen-buchen-mischbestände. Allg. Forst- u. Jagd-Ztg. 117: 299-302. Nov. 1941. 99.8 AL3
- 21033 \*FRANCKE, A. Über bisherige waldbauktigkeit im tropischen regenwald. Z. f. Weltforstw. 10: 411-428. Feb. 1944. 99.8 Z35
- Summaries in English and French.

- 21034 KICHLER, M. Semeadura e plantio da *Acacia negra*. Chacaras e Quintais 72: 79-80. July 15, 1945. 9.2 C34

- 21035 LE SUEUR, A. D. C. Chestnut coppice. Country Life [London] 98: 292-293, 338-339. Aug. 17-24, 1945. 80 C83

- I. Planting and cultivation. II. Production and values.

- 21036 LE SUEUR, A. D. C. Growth of *Sequoia gigantea* [i. e. *sempervirens*] in Kent. Q. J. Forestry 39: 119. July 1945. 99.8 Q2
- Measurements of group of 70-year-old trees recently felled.

- 21037 MILLETT, M. R. O. Lean and ellipticity of stems of Monterey pine in the Australian Capital Territory. Austral. Commonwealth Forestry Bur. Leaflet 60, 10 p. Canberra, 1944. 99.8 Au73

- 21038 \*N., K. God skörd på moränbacke. Lantmannen 29: 483. May 26, 1945. 11 L234
- Harvest from forest planted about 1900 on sloping moraine.

- 21039 OPPENHEIM, B. Tree obstetrician. Mag. Digest 31(4): 60-63. Oct. 1945. 110 M27
- Breeding of forest trees.

- 21040 \*SENNI, L. Selvicoltura tropicale. Agr. Colon. 37: 150-154. June 1943. 26 Ag82

- 21041 \*SPEER, W. Über den anbau der europäischen lärche in Württemberg im vorigen Jahrhundert. Allg. Forst- u. Jagd-Ztg. 117: 57-63. Mar. 1941. 99.8 AL3

- 21042 TATTO, L. Instruções para a produção e plantio de mudas de eucalipto. Campo [Rio de Janeiro], Mar. 1945, p. 25-29. (Cont.) 9.2 C15

- 21043 \*VISWAM, E. K. Babul [*Acacia arabica*] planting in tank beds. Madras Agr. J. 32: 140-141. May/July 1944. 22 M262

- 21044 WAINSCOTT, L. F. Corn fails - pines promise profit. Ill. Conserv. 10(2/3): 5, 7. Spring/Summer 1945. 279.9 IL611

- Successful reforestation in northern Illinois.

- 21045 WARD, J. D. U. In a forest nursery. Wood 10: 211-213. Sept. 1945. 99.8 W855

- 21046 \*ZENTGRAF, E. Der buchenunterbau in kiefernbeständen. Allg. Forst- u. Jagd-Ztg. 117: 205-213. Aug. 1941. Ref. 99.8 AL3

- 21047 ZILLGITT, W. M., and EYRE, F. H. Perpetuation of yellow birch in Lake States forests. J. Forestry 43: 658-661. Sept. 1945. 99.8 F768

## FIELD CROPS

Includes articles on general agronomy and on crop varieties, breeding, cultural practices, and yield.

## General

- 21048 DELLAZOPPA, J. G. Distintos métodos de siembra y valor de cada uno en el rendimiento final. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 253. June 14, 1945. 9.9 G15B

Field crops.

- 21049 FISHER, J. The transplanting of root crops. Farmer [Pietermaritzburg] 34(29): 16. July 20, 1945. 24 F227

- 21050 \*H. Saat und ernte. Landesbauernschaft Moselland. Wchnbl., No. 11, p. 127. Mar. 11, 1944. 18 L2328

- 21051 \*HEIMING. Jetzt kommt die zeit für den fruchtfolge- und bestellungsplan. Landesbauernschaft Moselland. Wchnbl., No. 43, p. 781. Oct. 24, 1942. 18 L2328

- 21052 \*HEIMING, E. Ernte der fütterrüben und kohlrüben im Moselland. Landesbauernschaft Moselland. Wchnbl., No. 41, p. 749. Oct. 10, 1942. 18 L2328

- 21053 KEMP, W. B. Tentative results from rotations at College Park. Md. Agr. Soc.--Md. Farm Bur. Rpt. (1944) 29: 160-163. 1945. 4 M366



21054 NATIONAL FEDERATION OF YOUNG FARMERS' CLUBS. Arable crops. 2. Fodder crops and other matters. Young Farmers' Club Booklet, 15, 48 p. Herts, England, 1945. Ref. 10 Y82

21055 NÚÑEZ, A. Qué sembraré este año? Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 298. July 26, 1945. 9.9 G15B

21056 \*TIELEN. Zwischenfruchtbau. Landesbauernschaft Moselland. Wohnbl., No. 1, p. 8-9.

Jan. 2, 1943. 18 L2328

21057 WATKINS, J. M. Cropping practices in El Salvador. Agr. in the Americas 5: 173-175. Sept. 1945. 1 F752A

21058 WELSH PLANT BREEDING STATION, ABERYSTWYTH. Seed Growers' Leaflet, No. 1-9. Aberystwyth, 1944. 61.9 Un3

Perennial ryegrass, cocksfoot, timothy, white clover, red clover, seed corn, certified seed, seed production.

#### Cereals

21059 \*ÅKERMAN, Å. Høstsedens övervintring har varit god [The wintering of the fall grain seed has been good]. Lantmannen 29: 435-437. May 12, 1945. 11 L234

21060 \*ÅKERMAN, Å. Några erfarenheter rörande höstsedens övervintring samt om vinterhårdigheten hos olika höstvetesorter (Experiences on overwintering of winter cereals and frost-hardiness of various winter cereals). K. Lantbruksakad. Tidskr. 84: 192-215. 1945. 104 Sw3

English summary.

21061 \*ALABOUVETTE, and RAUTOU. L'hiver 1944-1945 et les céréales dans la région méridionale. Prog. Agr. et Vitic. 62: 89-91. Mar. 18/25, 1945. 14 P94

21062 \*ANSARI, M. A. A. Improved barley. Indian Farming 4: 569-570. Nov. 1943. 22 In283

21063 \*ANSORENA, A. DE. La Estación Arrocería de Sueca. Agr. Levantino 11(128): 3-4. July 1945. 15 Ag85

21064 ARANGO, R. Intensificación del cultivo de maíz de frío. Tierra Libre 9(7): 10. July 1945. 8 T443

21065 ASTORGA BARRIGA, E. Una perseverante batalla para la obtención de los mejores trigos. Campesino [Santiago] 77: 395-396. July 1945. 9.3 So12

Wheat breeding in Canada.

21066 BAVER, L. D. Sow barley for grazing, grain. Prog. Farmer, Car.-Va. Ed. 60(10): 30. Oct. 1945. 6 P945

21067 BEARD, D. F. Better [corn] hybrids for Ohio farmers. Ohio Farm Bur. News 25(2): 8. Sept. 1945. 6 Oh34

21068 \*BERGAL, P., and FRIEDBERG, L. Essai d'identification des orges cultivées en France. Ann. des Epiphyt. et de Phytogénét. (n. s.) 6: 157-306. 1940. Ref. 464.9 F84A

21069 \*BOISCHOT, P., HERVIAUX, J., and HURIEZ, J. La culture du sarrasin. Acad. d'Agr. de France. Compt. Rend. 29: 141-144. Mar. 3/10, 1943. 14 P215Bc

21070 \*BOLENS, G. Vers de nouvelles variétés de blé. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 1, p. 2-3. (To be cont.) Jan. 1945. 17 J82A

21071 \*BRÉTIENNIÈRE. Aptitudes des principales variétés de blés françaises. Acad. d'Agr. de France. Compt. Rend. 29: 192-195. Mar. 31/Apr. 7, 1943. 14 P215Bc

21072 \*BRÉTIENNIÈRE, L. Les blés à semer. Rev. des Agr. de France 75: 135. Sept. 1943. 14 R325

21073 CARELESSNESS in seed corn [wheat] growing. By Varro. Field 186: 169. Aug. 18, 1945. 10 F45

21074 COOK, L. J., and BILLINGHURST, S. C. Seed wheat production on Eyre Peninsula; results at Minnipa Seed Wheat Farm. So. Austral. Dept. Agr. J. 48: 536-538. July 1945. 23 So84

21075 \*CRÉPIN. Le blé au cours de la campagne 1941-42. Acad. d'Agr. de France. Compt. Rend. 29: 363-368. June 30/July 7, 1943. 14 P215Bc

21076 DECKER, R. E. Wheat improvement progress. Mich. Farmer 205: 96. Sept. 1, 1945. 6 M58

21077 DICKEY, J. B. R. Grain varieties of proved merit. Pa. Farmer 133: 100, 108. Sept. 8, 1945. 6 P383

21078 \*ERICSSON, G., and GHENSCHER, M. Härkomst-försök med korn och havre utförda vid Statens Försöks-gård Offer 1935-1942 (Provenance experiments with barley and oats at the State Experimental Farm Offer in the years 1935-1942). Lantbrukshögsk., Uppsala. Jordbruksförsöksanst. Meddel. 12, 48 p. Norrtälje, 1945. 104 Up63

21079 \*GESLIN, H. Le printemps de 1942 et le développement des blés. Acad. d'Agr. de France. Compt. Rend. 29: 133-136. Feb. 17/24, 1943. 14 P215Bc

21080 GRAY, J. New oats for Louisiana. Coastal Cattleman 11(7): 13-14. Sept. 1945. 43.8 C63

21081 \*HACHENBERG, F. Ursachen der roggenauswinterung. Landesbauernschaft Moselland. Wohnbl., No. 46, p. 829. Nov. 14, 1942. 18 L2328

21082 HAYES, H. K. Barley varieties registered. X. Amer. Soc. Agron. J. 37: 645. Aug. 1945. 4 Am34P

21083 HEPP D., R. G. El cultivo del arroz. Chile. Dir. Gen. de Agr. C. 1, 14 p. Santiago, 1945. 9.3 Ag87

21084 IVY, R. H. Rice culture by natives in the Northern Transvaal. Union So. Africa. Dept. Agr. and Forestry. Press Serv., No. 795, p. 2. May 15, 1945. 24 So82Pr

21085 KERLE, W. D. Broom millet production. Agr. Gaz. N. S. Wales 56: 289-294. (Concl.) July 1, 1945. 23 N472

21086 \*KESSLER, B. Beizt auch das sommergetreide? Landesbauernschaft Moselland. Wohnbl., No. 13, p. 148. Mar. 25, 1944. 18 L2328

21087 LODS, E. A. The Roxton oat. Macdonald Col. J. 5(12): 7, 15. Aug. 1945. 101 M144

21088 \*MAUPAS. La culture du maïs-grain en Allemagne. Acad. d'Agr. de France. Compt. Rend. 30: 160-162. Mar. 8/15, 1944. 14 P215Bc

21089 MILLINGTON, A. J., and LANGFIELD, J. H. Change of [wheat] seed experiment. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 53-55. Mar. 1945. 23 W52J

21090 MOORE, R. P. Corn hybrids tested for 1946 crop, 2 p. Raleigh, N. C., 1945. 59.9 NB14C

Annual test of N. C. Crop Improvement Assoc., Inc. 21091 MUÑOZ O., M. M. Un cereal [Chenopodium quinoa] casi desconocido en Colombia. Rev. Nac. de Agr. [Bogotá] 39(488): 21-22. Apr./May 1945. 9.4 R32

21092 NATIONAL INSTITUTE OF AGRICULTURAL BOTANY. Varieties of winter oats and winter barley. Natl. Inst. Agr. Bot. Farmers' Leaflet 9, 4 p. n.p., 1945. 103 N21F

21093 \*NAYAR, M. B. Distribution of paddy varieties in Palghat Taluk. Madras Agr. J. 29: 222-231. June 1941. 22 M262

21094 NEATBY, K. W. Regent wheat. Seedtime & Harvest, No. 127, 1 p. Winnipeg, 1945. 7 Se3

21095 NÚÑEZ, A. La siembra de distintas variedades de trigo ofrecerá una serie de apreciables ventajas. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 269. June 28, 1945. 9.9 G15B

21096 O'KELLY, J. F. Varieties of small grains compared at hill stations. Miss. Farm Res. [Miss. Sta.] 8(8): 2. Aug. 1945. 100 M69M1

21097 \*OYANGUREN, J. Las nuevas variedades de arroz en el gran cultivo. Agr. Levantino 11(128): 10-12. July 1945. 15 Ag85



- 21098 ROTHGEB, R. G. New varieties of wheat and barley. Md. Agr. Soc.--Md. Farm Bur. Rpt. (1944) 29: 163-165. 1945. 4 M366
- 21099 \*SAHA, J. C. Effect of seed treatments on the germination of paddy. Madras Agr. J. 31: 351-352. Dec. 1943. 22 M262
- 21100 SNELL, R. S., and GARRISON, C. S. Agricultural Experiment Station has extensive small grain testing and improvement program. N. J. Agr. 27(4): 1-3, 5. July/Aug. 1945. 275.28 N46
- 21101 SNELL, R. S., and GARRISON, C. S. Wheat is tops. N. J. Farm and Gard. 16(9): 14, 30-31. Sept. 1945. 6 G162
- 21102 STANTON, T. R. Registration of varieties and strains of oats. XIV. Amer. Soc. Agron. J. 37: 643-644. Aug. 1945. 4 Am34P
- 21103 THOMAS, I., and MILLINGTON, A. J. Wheat variety trials. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 43-46. Mar. 1945. 23 W52J
- 21104 \*TRET'IAK, A. Povysim urozha'nost' zernovykh kul'tur. Sovkhoz. Proizvod. 5(3): 11-13. Mar. 1945. 20 So85
- Regulations of the Council of People's Commissars for increasing the yields of grain crops as practiced on the grain state farms of the Omsk trust.
- 21105 VIGIL, C. C. El mejoramiento del maiz. Chacra 15(178): 8. Aug. 1945. 9 C34
- 21106 \*VIVOLI, G. Principali aspetti e problemi della granicoltura nella Tripolitania settentrionale. Agr. Colon. 6: 8-22, 50-54. Jan., Feb. 1942. 26 Ag82
- 21107 \*WEBER, P. Die sortenfrage im haferanbau. Landesbauernschaft Moselland. Wchnbl., No. 12, p. 137. Mar. 18, 1944. 18 L2328
- Fiber crops
- 21108 ALCIDES OCAMPO, J. Las cabuyas en el Perú. Peru. Dir. de Agr. Inform. Agr. 2(10): 1-2. Nov./Dec. 1944. 9.8 P434
- 21109 \*ANSARI, M. A. A. A brief review of the extension of improved varieties of cotton in the United Provinces. Allahabad Farmer 19: 34-36. Mar. 1945. 22 AL5
- 21110 BOZA BARDUCCI, T. Producción de semilla de lino para la costa. Lima, Peru, Estac. Expt. Agr. de La Molina. Informe 58, 12 p. Lima, 1944. 102.5 L622In
- 21111 FRIEND, W. H. Hastening cotton maturity [by means of defoliation]. Tex. Farming and Citric. 22(2): 11. Aug. 1945. 80 T31
- 21112 HU, C. L. Progress report of the Cotton Department of the National Agricultural Research Bureau in China for the years 1942 to 1943, inclusive. Amer. Soc. Agron. J. 37: 610-615. Aug. 1945. 4 Am34P
- 21113 HU, C. L. Ten years' results of experiments and extension work with Delfos cotton in China. Amer. Soc. Agron. J. 37: 616-618. Aug. 1945. 4 Am34P
- 21114 JUL REYES, G. Cultivo de lino para fibra. Chile. Dir. Gen. de Agr. C. 2, 15 p. Santiago, 1945. 9.3 Ag87
- 21115 JURION, F. Quelques considérations sur l'orientation de la sélection cotonnière au Congo Belge. B. Agr. du Congo Belge 32: 677-687. Dec. 1941. 24 K83
- 21116 \*MASSA, L. Prove di orientamento su alcune piante da fibra nell'Africa Orientale Italiana. (Corchorus, Boehmeria nivea, Hibiscus sabdariffa, Urena lobata, Cannabis sativa). Agr. Colon. 37: 70-78. Mar. 1943. 26 Ag82
- 21117 MASSEY, G. F. Wanted! Spindle-picker cotton. Farm Impl. News 66(18): 40-45. Aug. 30, 1945. 58.8 F22
- 21118 PETERS, R. W. Cotton varieties recommended for the 1945-46 season. Queensland Agr. J. 60: 339-341. June 1945. 23 Q33
- 21119 \*SANKARAN, R. Long staple cotton in Sind. Indian Farming 6: 257-259. June 1945. 22 In283
- 21120 \*SCHAD, C., and others. Recherches sur le lin en 1940. Ann. de Phytogénét. (n. s.) 7 (spec. No.): 109-141. 1941. 464.9 F84A
- P. Hugues, R. Mayer, and G. Méneret, joint authors.
- 21121 SIERRA, H. Algodón. Guatemala. Dir. Gen. de Agr. Rev. Agr. (ser. 2) 1: 358-384. Apr. 1945. 8 G934
- 21122 THEUNE J., J. El cultivo del lino en el Departamento de San Vicente de Tagua-Tagua. Agrario 9(361): 6, 15. May 15, 1945. 9.3 Ag85
- 21123 WALKER, J. E. Cotton defoliation tests reported at Arkansas Agricultural Experiment Station. Cotton Branch. Ark. Farmer 47(9): 10-11, 15, 22. Sept. 1945. 6 Ar42
- Forage Crops and Grasses
- 21124 \*ANDERSSON, J. De hårdskaliga rödklöverfrönas bruksvärde [Utilization of hard shelled red clover seed]. Lantmannen 29: 447. May 12, 1945. 11 L234
- 21125 ANTHONY, K. R. M., and HUNTER-SMITH, J. D. Preliminary grazing trials in Trinidad. Trop. Agr. [Trinidad] 22: 143-145. Aug. 1945. 26 T754
- 21126 ASHTON, J. A new brome grass [Bromus catharticus]. Farm and Ranch 64(9): 30. Sept. 1945. 6 T31
- 21127 BAILEY, R. Y. Tropical kudzu. Soil Conserv. 11: 63-65. Sept. 1954. 1.6 So3S
- 21128 BEAUMONT, A. B. Kudzu. Mass. State Col. Ext. Soil Auger, Sept. 8, 1945, p. 7, processed. 275.29 M381So
- 21129 BEAUMONT, A. B. 1945 a clover year. Mass. State Col. Ext. Soil Auger, Sept. 8, 1945, p. 4, processed. 275.29 M381So
- 21130 BENNETT, H. W. Early, heavy seedings, for winter [grazing] crops. Miss. Farm Res. [Miss. Sta.] 8(8): 1, 8. Aug. 1945. 100 M69M1
- 21131 BERMUDEZ G., L. A. Breves anotaciones sobre las posibles leguminosas forrajeras del municipio de Sonson (Antioquia). Agr. Trop. 1(5): 24-28; (6): 28-30. (Cont.) June, July 1945. 26 Ag8
- 21132 BIRD, J. N. Dollard red clover. MacDonald Col. J. 5(12): 4, 6. Aug. 1945. 101 M144
- 21133 \*BLANCO Y P. DE CAMINO, R. Siembras prácticas de otoño y mezclas de semillas. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg. v. 37, No. 11, 8 p., Madrid, 1945. 15 H68
- 21134 BRACKEN, L. O. Unique pasture practices worth trying. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60 (9): 12. Sept. 1945. 6 P945C
- 21135 \*CANDUSSIO, R. Il miglioramento del "neuk" (Guizotia abyssinica Cass.); prime indagini ed osservazioni e direttive del lavoro di selezione. Agr. Colon. 35: 347-354. Sept. 1941. 26 Ag82
- 21136 CANTERBURY AGRICULTURAL COLLEGE, NEW ZEALAND. Sweet clover. Canterbury Chamber Com. Agr. B. 193, 3 p. Christchurch, 1945. 23 G162
- 21137 \*CASTANÓN, G. El maíz forrajero. Soain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 37, No. 13, 16 p. Madrid, 1945. 15 H68
- 21138 COAD, H. W. Best grass for poultry. Poultry [London] 97: 134. Aug. 28, 1945. 47.8 P869
- 21139 COOK, L. J. Pasture development—progress in South Australia. So. Austral. Dept. Agr. J. 48: 446-449. June 1945. 23 So84
- 21140 COSTELLO, D. F. Know your range grasses and plants. Deathcamases (Zygadenus spp.). Westerner 8(8): 27-29. Sept. 1945. 49 W522
- 21141 EASTERBROOK, L. F. Thoughts in the Vale of Aylesbury. Home Farmer 12(7): 16. July 1945. 280.344 H75
- Ley farming in Great Britain.



- 21142 FAVRE C., J. Extracto de una información sobre el algarrobo en Piura. Peru. Dir. de Agr. Inform. Agr. 3(11): 7-9. Jan./Feb. 1945. 9.8 P434
- 21143 FISHER, J. Mother earth. 3. Meadows trim: rich pastures of the greensward. Farmer [Pietermaritzburg] 34(30): 16; (31): 7. July 27, Aug. 3, 1945. 24 F227
- 21144 \*G. Heuernte und heuqualität. Landesbauernschaft Moselland. Wohnbl., No. 23, p. 335. June 5, 1943. 18 L2328
- 21145 GARDNER, C. A., and ELLIOTT, H. G. Paspalum grass. Paspalum dilatatum Poir. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 62-65. Mar. 1945. 23 W52J
- 21146 \*GONZÁLEZ ARROYO, S. El "bersin" o trébol de Alejandría [*Trifolium alexandrinum*], forrajera de invierno. Ganadería [Madrid] 3: 207-211. Apr. 1945. 49 G15
- 21147 \*GOOD, F. La culture des terres de groies. Acad. d'Agr. de France. Compt. Rend. 30: 192-194. Apr. 19/26, 1944. 14 F215Bc
- 21148 \*H. Ertragreicher Futterbau aus einheimischer saat. Landesbauernschaft Moselland. Wohnbl. No. 52, p. 660. Dec. 25, 1943. 18 L2328
- 21149 \*HELMING. Der Futterbau darf im kriege nicht vernachlässigt werden! Landesbauernschaft Moselland. Wohnbl., No. 45, p. 814. Nov. 7, 1942. 18 L2328
- 21150 HELT, D. L. Pasturing the fall range in a protein-short year. West. Live Stock 31(2): 54, 65. Sept. 1945. 49 W523
- 21151 HOLLOWELL, E. A. Registration of varieties and strains of alfalfa. I. Amer. Soc. Agron. J. 37: 649-652. Aug. 1945. 4 Am34P
- 21152 HOLLOWELL, E. A. Registration of varieties and strains of grasses. I. Amer. Soc. Agron. J. 37: 653-654. Aug. 1945. 4 Am34P
- 21153 HUGHES, H. D. Stretch your pasture season--and at the same time your acre returns. Aberdeen-Angus J. 27(2): 35. Sept. 1945. 43.8 Ab3
- 21154 HUTCHISON, E. Experiences with lucerne and its future in this district. So. Austral. Dept. Agr. J. 48: 550-552. July 1945. 23 So84
- 21155 \*IYER, S. N. C., and PARTHASARATHY, S. V. A note on some fodder grasses of the Chingleput District. Madras Agr. J. 32: 142-146. May/July 1944. 22 M262
- 21156 JONES, M. Grassland improvement. Scot. J. Agr. 25: 133-139. July 1945. 10 Sco823o
- 21157 \*KHAN, A. R., and BHATNAGAR, M. P. Cowpea varieties and culture. Indian Farming 6: 212-213. May 1945. 22 In283
- 21158 \*KUHNERT. Wie sät man Landsberger gemenge? Landesbauernschaft Moselland. Wohnbl., No. 33, p. 431. Aug. 14, 1943. 18 L2328  
Landsberger gemenge, a name given to a mixture of hardy forage crop seed.
- 21159 LEAK, F. Experiences with lucerne growing between vine rows. So. Austral. Dept. Agr. J. 48: 548-549. July 1945. 23 So84
- 21160 LUSH, R. H. More pasture for New England. New England Homestead 118(17): 10. Sept. 8, 1945. 6 N442
- 21161 LUSH, R. H. More pasture when you need it. Hoard's Dairyman 90: 446. Aug. 25, 1945. 44.8 H65
- 21162 MATLOCK, R. L. It's pasture planting time. Ariz. Farmer 24(16): 24-25. Aug. 25, 1945. 6 Ar44
- 21163 \*MICHEL, W. Meine erfahrungen im feld-futterbau. Landesbauernschaft Moselland. Wohnbl., No. 1, p. 6-7. Jan. 2, 1943. 18 L2328
- 21164 MILHOLLIN, R. M. A new strip-tease team: Sweet Sudan and peanuts put on wind-defying act that pays off in cash and conservation. South. Seedsman 8(9): 14, 50. Sept. 1945. 61.8 So8
- 21165 MOORE, I. Cropping [pastures] to avoid lean gaps. Farmer & Stock-Breeder 59: 1361. Aug. 28, 1945. 10 F228
- 21166 MORRIS, D. J. Panic grass [giant blue panicum]; the wonder grass. Tex. Livestock J. 4(7): 6, 52-53. July 15, 1945. 49 T29
- 21167 MOSTERT, J. F. T. The road to better pastures; methods of veld management to conserve and improve grazing. Farmer's Weekly [Bloemfontein] 69: 976-977. July 25, 1945. 24 F225
- 21168 MOWERS, C. "Fogelvik Farm" at Innisfail, Alberta, unique for grass seed production. Canad. Grain J. 1(2): 12. Sept. 1945. 59.8 C16
- 21169 MR., A. Le kudzu ou vigne japonaise (Pueraria thunbergiana). Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 151-152. July/Aug. 1945. 80 F9482
- 21170 MUDD, C. H. Maintenance of reseeded grass. Farmer & Stock-Breeder 59: 1443. Sept. 11, 1945. 10 F228
- 21171 NOVELO F., E. Más pastos para las ganaderías. Fomento [monthly] 2(20): 8, 14. June 1945. 8 F734
- 21172 \*OETTGEN, K. Genügend Futter für den gärfutterbehälter, eine frage der organisation. Landesbauernschaft Moselland. Wohnbl., No. 1, p. 7. Jan. 2, 1943. 18 L2328
- 21173 PÁEZ C., J. El camote forrajero. Peru. Dir. de Agr. Inform. Agr. 2(10): 5-11. Nov./Dec. 1944. 9.8 P434
- 21174 \*R., J. Création de prairies artificielles de courte durée en régions élevées. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 4, p. 3. Apr. 1945. 17 J82A
- 21175 RESEARCH and the farmer. IV. Grassland. North. Ireland. Min. Agr. Monthly Rpt. 20: 98-101. Aug. 1945. 256.13 Ag82M
- 21176 ROBERTSON, J. H., and PEARSE, C. K. Artificial reseeding and the closed community. Northwest Sci. 19: 58-66. Aug. 1945. Ref. 470 N81  
Range management.
- 21177 ROY, K. B. The Caley pea [*Lathyrus hirsutus*] comes into its own. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(9): 13. Sept. 1945. 6 P945C
- 21178 SCOTT, L. B. Pensacola Bahia grass. South. Seedsman 8(9): 13, 52. Sept. 1945. 61.8 So8
- 21179 SERVISS, G. H. What's a good pasture program? Amer. Agr. 142: 363, 371. Sept. 1, 1945. 6 Am3
- 21180 SQUIBB, R. L. Desmodiums-- "alfalfas of the tropics." Agr. in the Americas 5: 151-153. Aug. 1945. 1 F752A
- 21181 STAPLES, R. R. Bush control and deferred grazing as measures to improve pastures. Part II. East African Agr. J. 11: 43-46. July 1945. 24 Ea74
- 21182 STURKIE, D. G. Bur clover good for hogs and cattle. This Month in Rural Ala., Sept. 1945, p. 8. 6 T34  
Culture.
- 21183 STURKIE, D. G. Seed heavy, fertilize for winter grazing. This Month in Rural Ala., Sept. 1945, p. 2. 6 T34
- 21184 SUAREZ F., J. Trébol encarnado. Agrario 9(360): 15. Apr. 30, 1945. 9.3 Ag85
- 21185 TOBÓN VILLEGAS, A. Qué es el kudzu? Agr. Trop. 1(5): 10-11. June 1945. 26 Ag8
- 21186 TRIALS on the reseeding of pastures at the Department's farms. Eire. Dept. Agr. J. 42: 46-64. Mar. 1945. 10 Ir2J
- 21187 WASSER, C. H., and NELSON, E. W. New Russian grasses [intermediate wheatgrass and Russian wild-rye] show great promise for seeding Colorado ranges and pastures. Colo. Farm B. [Colo. Sta.] 7(4): 2, 10-12. July/Aug. 1945. 100 C71S
- 21188 YOUNG, J. W. Is ley system too dear? Farmers Weekly [London] 23(8): 18. Aug. 24, 1945. 10 F2226



Oil Crops

- 21188 ARNY, A. C. Registration of improved flax varieties. III. Amer. Soc. Agron. J. 37: 646-648. Aug. 1945. 4 Am34P
- 21190 \*BOETTEL, J. Vermehrter oelfruchtanbau ist kriegsentscheidend. Landesbauernschaft Moselland. Wchnbl., No. 10, p. 157. Mar. 6, 1943. 18 L2328
- 21191 \*BRUNO, A. Grande variabilité des hélianthés, et sélection. Acad. d'Agr. de France. Compt. Rend. 29: 154-155. Mar. 3/10, 1943. 14 P215Bc
- 21192 DELLAZOPPA, J. G. Condiciones para realizar con éxito los cultivos de lino. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 293. July 19, 1945. 9.9 G15B
- 21193 GOAR, L. G. A message to flax growers. Calif. Cult. 92: 457, 470-471. Sept. 1, 1945. 6 C12
- 21194 \*HOLLER, B. Was ist über den sachgemässen rapsanbau zu sagen? Landesbauernschaft Moselland. Wchnbl., No. 29/30, p. 391. July 24, 1943. 18 L2328
- 21195 \*MAUME, and HÉBRARD. Sur le développement et les exigences du tournesol grand soleil dans le Languedoc méditerranéen. Acad. d'Agr. de France. Compt. Rend. 29: 130-133. Feb. 17/24, 1943. 14 P215Bc
- 21196 MEUNISSIER, A. Le tournesol ou "grand soleil." Petit Casablançais 30(1227): 4. Aug. 25, 1945. 280.8 p44
- 21197 \*SCHAD. Possibilités de culture du soja en France et données pratiques sur cette culture. Acad. d'Agr. de France. Compt. Rend. 29: 103-107. Feb. 3/10, 1943. 14 P215Bc
- Discussion by F. Boeuf, p. 107-108.
- 21198 TAPPY, E. P. The peanut, gift of the Americas. Seed World 58(6): 14. Sept. 21, 1945. 61.8 Se52
- 21199 \*U., D. Raps und rübsen noch sorgfältiger ernten! Landesbauernschaft Moselland. Wchnbl., No. 24, p. 256. June 10, 1944. 18 L2328
- 21200 \*WEIS, H. Sorgfältige mohnernte. Landesbauernschaft Moselland. Wchnbl., No. 29/30, p. 396. July 24, 1943. 18 L2328

Sugar Crops

- 21201 BLAUER, E. R. Proper beet topping. Sugar Beet 5(4): 23-24. Sept. 1945. 66.8 Su34B
- 21202 CANA de azúcar para semilla; renovaciones en la provincia de Tucumán. Chacra 15(178): 35. Aug. 1945. 9 C34
- 21203 \*DECoux, L., and GOIDSENHOVEN, W. VAN. La betterave sucrière en culture dérobée. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 221-226. May/June 1944. 66.9 In7
- English summary.
- 21204 \*DECoux, L., and others. Planteurs de betterave, n'hésitez pas à semer tôt. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 1-32. Jan./Feb. 1944. 66.9 In7
- J. Vanderwaeren, M. Simon, and W. van Goidsenhoven, joint authors.
- 21205 \*DECoux, L., and others. Pourquoi, où, quand, et comment semer tôt la betterave sucrière. Inst. Belge pour l'Amélior. de la Betterave. P. 13 (1): 1-20. Jan./Feb. 1945. 66.9 In7
- J. Vanderwaeren, M. Simon, and W. van Goidsenhoven, joint authors.
- 21206 \*DECoux, L., VANDERWAEREN, J., and ERNOULD, L. La végétation de la betterave en Belgique au cours de l'année 1943. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 65-92. Mar./Apr. 1944. 66.9 In7
- English summary.

21207 \*DESPIREZ, F. La sélection de la betterave industrielle; améliorations possibles et immédiates. Acad. d'Agr. de France. Compt. Rend. 30: 190-192. Apr. 19/26, 1944. 14 P215Bc

21208 DUDIK, G. F. Developments in sugar beet production. Dom. Com. 33(9): 29-30. Sept. 1945. 157.54 D713

21209 FERNÁNDEZ, R. R. Sintomas que presenta la caña de azúcar en la presente zafra. / Asoc. de Téc. Azucareros de Cuba. B. Ofic. 4: 113-114. June 1945. 65.9 As5B

Influence of rainfall on enzyme activity in sugar cane.

21210 \*JORET, G., and MALTERRE, H. Essai de repiquage des betteraves sucrières. Acad. d'Agr. de France. Compt. Rend. 30: 130-132. Feb. 23/Mar. 1, 1944. 14 P215Bc

21211 LESPÉRANCE, R. Cultivons la betterave à sucre en 1946. Terre de Chez Nous 17(47, 1. e. 46): 16. Aug. 22, 1945. 7 T27

21212 \*MERCHANDANI, R. T. Sugar beet under irrigated conditions. Indian Farming 6: 22-23. Jan. 1945. 22 In283

21213 \*PAL, H. N. Coimbatore canes in Assam. Indian Farming 4: 576-578. Nov. 1945. 22 In283

21214 RUNNELLS, D. L. Ferden rotation tests show sugar beets best after alfalfa. Sugar Beet J. 10: 133. Sept./Oct. 1945. 66.8 Su38

Mich. State College studies at Lee Fernden's farm.

21215 \*SASTRY, S. K. The Nizam sugar factory plantation. Madras Agr. J. 29: 226-231. June 1941. 22 M262

21216 SCHOW, F. Take care of those beets. Sugar Beet 5(4): 10. Sept. 1945. 66.8 Su34B

Harvesting.

Tobacco

21217 ADAMSON, N. J. Commercial tobacco culture. New Zeal. Dept. Agr. B. 137, 12 p. Wellington, n. d. 23 M48Bu

21218 \*BRÜHL. Der tabakbau im Wittlicher Tal. Landesbauernschaft Moselland. Wchnbl., No. 44, p. 795. Oct. 31, 1942. 18 L2328

21219 KOCH, L. W. The 1945 epidemic of blue mould of tobacco in Ontario. Canada. Expt. Farms. Tobacco Div. Lighter 15(3): 1-3. Aug. 1945. 286.89 C16

21220 VALLEAU, W. D., and KARRAKER, P. E. Did tobacco grow unevenly and poorly in fields in your county? Ky. Agr. Col. Ext. Timely Notes on Soils and Crops 2: 37-38, processed. Aug. 1945. 275.29 K415T

HORTICULTURAL CROPS

Includes articles on general horticulture, and on varieties, breeding, cultural practices, and yield.

General

21221 \*ALMEIDA, C. R. M. DE. O que ainda nos falta saber. Portugal. Junta Nac. das Frutas. B. 4 (9): 3-8. Sept. 1944. 286.3939 P83

Horticultural discoveries and problems.

21222 ANDREWS, H. E. Washington nurseries--past, present and future. Arboretum B. 8(3): 8-10, 19. Fall 1945. 451 Arl

21223 CONCHA, R. Importancia de los injertos. Arboles 2: 269-273. July 1945. 99.8 Ar16

21224 DELWORTH, C. I. Plant patents of great value to both breeder and the trade. Canad. Florist 40: 293-294. Sept. 5, 1945. 80 C163

21225 \*DUFOUR, A. Détails de greffage. Rev. Hort. Suisse 18: 76-78. Apr. 1945. 80 R3212

21226 E., T. V. How to win prizes at the shows; vegetables and fruits which are favoured by the judges. Pop. Gard. 47: 194. Aug. 18, 1945. 80 G1622

21227 EVANS, F. G. My garden. Organic Gard. 7(5): 20-24. Oct. 1945. 56.8 Or3



- 21228 \*GIRSHAUSEN, E. Der landarbeitgarten in der erzeugungsschlacht; schützt die wintervorräte! Landesbauernschaft Moselland. Wohnbl., No. 46, p. 830. Nov. 14, 1942. 18 L2328
- 21229 \*HAHN, H. Haben die doppelkasten französische bauart auch heute noch ihre berechtigung? Blumen u. Pflanzenbau ver. mit Gartenwelt 48: 148. June 23, 1944. 80 P883  
Use of coldframes.
- 21230 HALLETT, E. H. The future of professional gardening. Gard. Chron. 118: 106. Sept. 8, 1945. 80 G162
- 21231 LLANO G., E. Propagación de plantas. Rev. Agr. y Ganad. 8(92): 16-17, 20. (Cont.) May/June 1945. 9.4 R327
- 21232 LONG, MRS. F. M. Seeds--edible and otherwise. Wis. Hort. 36: 22. Sept. 1945. 80 W752
- 21233 LUEVANOS S., J. L. Reproducción de plantas leñosas. Agr. Mex. 61(5): 25-27. May 1945. 8 Ag8
- 21234 MARINO, E. Significado de los términos ingerto, híbrido y cruce. Rev. Agr. y Ganad. 8(94): 27-28. May/June 1945. 9.4 R327
- 21235 MEYER, H. Secrets of seeds. Organic Gard. 7(5): 15-19. Oct. 1945. 56.8 Or3
- 21236 ONTARIO, HORTICULTURAL EXPERIMENT STATION, VINELAND. Report for 1943 and 1944, 61 p. n. p., 1945. 101 On823
- 21237 PICKETT, B. S. What is horticulture? Fed. Gard. Clubs Iowa. Ybk. (Iowa Gard.) (1944) 14: 7-9. 90.32 F315
- 21238 PLATT, D. Traffic control in the cold-frame. Home Gard. 6(3): 85-88. Sept. 1945. 80 H756  
Advance planning for space utilization.
- 21239 SAXON, S. School gardening. Gard. Chron. 118: 105. Sept. 8, 1945. 80 G162
- 21240 \*SCHILLING, W. Wir geben unseren pflanzen das vorrat. Deut. Gart. 59: 43. June 1944. 80 P883
- 21241 SMITH, A. Fla. gardening problems. Amer. Eagle 40(20): 1, 3. Sept. 6, 1945. 6 Am327
- 21242 SMITH, R. E. The amateur's greenhouse. Gard. Chron. Amer. 49: 232-233, 242. Sept. 1945. 80 G1632
- 21243 STUGHTON, R. H. Memorandum on soilless cultivation. Fruit-Grower, Fruiterer, Florist & Market Gard. 100: 161. Aug. 30, 1945. 80 F941
- 21244 TALBERT, T. J. The Speas Horticultural Farm. Mo. State Hort. Soc. Proc. 1942/44: 97-99. Dec. 1944. 81 M692  
Experimental farm located south of St. Joseph, Mo.
- 21245 WICKHAM, R. D. Temporary intercrops for orchards. Fruit-Grower, Fruiterer, Florist & Market Gard. 100: 179-180. Sept. 6, 1945. 80 F941
- Fruits--General
- 21246 AGETE, F. Propagación de frutales: vivero e injerto. Cuba. Min. de Agr. Rev. 27(27): 3-22. July/Sept. 1944. 8 Ag88Re
- 21247 \*AUBERT, P. L'emploi des variétés dans le rendement du verger. Rev. Hort. Suisse 18: 139-149. July 1945. 80 R3212
- 21248 \*AUBERT, P. Observations sur l'alternance des récoltes en arboriculture fruitière. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 3, p. 7. Mar. 1945. 17 J82A
- 21249 \*AUBERT, P. Quelques conseils sur les soins à donner aux vergers de montagne. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 4, p. 8. Apr. 1945. 17 J82A
- 21250 COOPER, R. F. V. Productor: Cuide la mane ra de plantar sus frutales. Cons. Práct. 10(116): 3-4. Aug. 1945. 80 C762
- 21251 JOLLIE, F. J. E. Fruit on the farm; how to establish an orchard. New Zeal. Farmer 66(10): 6. July 12, 1945. 23 N484
- 21252 \*L., A. Essais de variétés fruitières. Rev. Hort. Suisse 18: 120-121. June 1945. 80 R3212
- 21253 \*NATIVIDADE, J. V. Fruticultura intensiva. II-V. Portugal. Junta Nac. das Frutas. B. 4(8): 3-13; (10): 3-8; (11): 3-8; (12): 3-8. Aug., Oct.-Dec. 1944. 286.3939 P83
- 21254 \*NOMBLLOT, and SIMON, L. Les vergers du Limbourg belge et de l'Anjou. Acad. d'Agr. de France. Compt. Rend. 29: 549-552. Dec. 8/22, 1943. Ref. 14 P215Bc
- 21255 R., F. V. Fine fruits for amateurs. Pop. Gard. 47: 226. Sept. 15, 1945. 80 G1622
- 21256 \*REDDY, V. V., and SHANMUKASUNDARAM, R. Fruit nursery practices. Madras Agr. J. 29: 298-303. June 1941. 22 M262
- Fruits--Citrus and Subtropical
- 21257 \*AZZI, G. L'ambiente fisico e la olivicultura (ecologia dell'olivo). Conv. Naz. di Olivicultura, Bari, 1938. Atti 2: 172-187. Roma, 1940. 94.72 C7682
- 21258 BAIN, F. M. A brief account of the results of the citrus experiments at St. Augustine Station. Agr. Soc. Trinidad & Tobago. Proc. 45: 51, 53, 55, 57, 59, 61, 63, 65. (Cont.) Mar. 1945. 8 T73
- 21259 \*BANDINI, P. Trasformazione delle zone olivastate e innesto degli olivastri. Conv. Naz. di Olivicultura, Bari, 1938. Atti 2: 153-163. Roma, 1940. 94.72 C7682
- 21260 \*BÉLIME, M. Considérations sur le fruit colonial. Inst. des Fruits et Agrumes Colon. Conf. 1, 8 p. Paris, 1944. 86 P21
- 21261 BRICHET, J. Que vaut le Poncirus trifoliata (Citrus triptera) comme porte-greffe des diverses espèces d'agrumes. Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 161-162. July/Aug. 1945. 80 F9482
- 21262 CANIZARES ZAYAS, J. Los frutales en Cuba. Cuba. Min. de Agr. Rev. 27(27): 23-140. July/Sept. 1944. 8 Ag88Re
- 21263 \*CASELLA, D. La propagazione dell'olivo. Conv. Naz. di Olivicultura, Bari, 1938. Atti 2: 145-152. Roma, 1940. 97.42 C7682
- 21264 COOPER, W. C., and STOUTENYER, V. T. Propagación vegetativa de plantas tropicales. (Cont.). Hacienda 40: 396-398, 400. Aug. 1945. 6 H11
- 21265 FAIRCHILD, D. White sapote [Casimiroa edulis] & matasano [C. tetrameria]. Amer. Eagle 40(22): 1, 3-4. Sept. 20, 1945. 6 Am327
- 21266 FLORY, V. L'avocatier; ses possibilités d'exploitation à la Guadeloupe. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 2: 101-105. (Concl.) July 1945. 8 R327
- 21267 GOMES, P. O coqueiro anão. Chacaras e Quintais 72: 68-70. July 15, 1945. 9.2 C34
- 21268 GREIG, A. M. W. Reworking of citrus trees. New Zeal. J. Agr. 71: 67. July 16, 1945. 23 N48J
- 21269 HARLAN, P. W. Must improve cultural practices. Citrus Leaves 25(9): 10-11. Sept. 1945. 80 C492
- 21270 \*HAYES, W. B. Fruit growing and the keeping of bees. Allahabad Farmer 19: 37-39. Mar. 1945. 22 AL5
- 21271 \*JACOB, K. C. Bananas of the Mysore State. Madras Agr. J. 30: 37-44. Feb. 1942. 22 M262
- 21272 \*JACOB, K. C. Bananas of the Travancore State. Madras Agr. J. 30: 277-287. Sept. 1942. 22 M262
- 21273 JOHNSON, MRS. A. P. Never out of date. Farm and Ranch 64(9): 18-19. Sept. 1945. 6 T31  
Seedling dates in Texas.



- 21274 \*MARINUCCI, M. La potatura dell'olivo. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 12-16. Roma, 1940. 94.72 C7682
- 21275 \*MARSOLAT, R. L'olivier; commentar aug-  
menter sa production: la taille. Prog. Agr. et Vi-  
tic. 62: 36-40. Feb. 4/11, 1945. 14 P94
- 21276 \*MORETTINI, A. A proposito del metodo di  
propagazione dell'olivo. Ital. Agr. 80: 67-76.  
Feb. 1943. 16 It1
- 21277 \*MORETTINI, A. L'autoincompatibilità  
nelle varietà di olivo. Conv. Naz. di Olivicoltura  
Bari, 1938. Atti 2: 123-126. Roma, 1940.  
94.72 C7682
- 21278 \*NAYAR, T. G. Mango nursery practices in  
the West Coast. Madras Agr. J. 30: 121-125. Apr.  
1945. 22 M262
- 21279 \*PASTORE, R. La potatura di produzione  
dell'olivo in terra di Bari. Conv. Naz. di Olivicol-  
tura, Bari, 1938. Atti 2: 106-122. Roma, 1940.  
94.72 C7682
- 21280 \*PRATS VERDÚ, L. Rejuvenecimiento y se-  
lección de los olivos dañados y de poca producción,  
por injerto. Spain. Min. de Agr. Secc. de Pub.,  
Prensa y Propag. Hojas Divulg. v 37, No. 9, 8 p.  
Madrid, 1945. 15 H68
- 21281 \*RENAUD, P. Récolte des olives. Prog.  
Agr. et Vitic. 60: 240-242. Dec. 5/12, 1943.  
14 P94
- 21282 SANTOS NETA, J. R. A. Cultura da oliveira  
em São Paulo. Chacaras e Quintais 71: 691-694.  
June 15, 1945. 9.2 C34
- 21283 \*SAVASTANO, G., and MARCUCCI, G. B. Sulla  
differenziazione fitologica delle gemme a legno ed a  
frutto dell'olivo e problemi di tecnica culturale  
inerenti. Conv. Naz. di Olivicoltura, Bari, 1938.  
Atti 2: 83-105. Roma, 1940. 94.72 C7682
- 21284 \*SINGH, S. The variation in citrus or-  
chards and its possible solution through rootstock  
selection. Punjab Fruit J. 5: 984-986. July 1941.  
80 P692
- 21285 \*SINGH, S. B. L. Seed in fruit husbandry.  
Indian Farming 4: 563-564. Nov. 1943. 22 In283
- 21286 \*SMITH, W. S. What is wrong with our man-  
go industry. United Provs. [India]. Dept. Agr. B.  
79, 6 p. Allahabad, 1943. 22 N81  
List of varieties.
- 21287 \*TALLARICO, G. L'olivo e la pecora.  
Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 33-  
45. Roma, 1940. 94.72 C7682
- 21288 \*VIARELLI, L. Le olive da tavola itali-  
ane. Scelta e diffusione della varietà. Conv. Naz.  
di Olivicoltura, Bari, 1938. Atti 2: 188-201. Roma,  
1940. 94.72 C7682
- 21289 WHITNEY, D. J. Olive men size things up.  
Calif. Cult. 92: 481, 491. Sept. 15, 1945. 6 C12
- 21290 \*ZITO, F. L'impianto degli oliveti.  
Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 164-  
171. Roma, 1940. 94.72 C7682
- Fruits--Deciduous
- 21291 ANDERSON, W. S. Many new peaches in vari-  
ety tests at State College. Miss. Farm Res. [Miss.  
Sta.] 8(8): 7. Aug. 1945. 100 M69M1
- 21292 \*AUBERT, P. Variétés de poires pour la  
culture en vergers. Rev. Romande d'Agr., de Vitic.  
et d'Arbor., No. 3, p. 7-8. Mar. 1945. 17 J82A
- 21293 BEAR, E. M. In the fruit plantation; pre-  
harvest dropping of apples. Fruit-Grower, Fruiterer,  
Florist & Market Gard. 100: 139-140. Aug. 23, 1945.  
80 F941
- 21294 BLAKE, M. A. A wild Chinese peach [Prunus  
kansuensis] has possibilities in breeding. N. J.  
State Hort. Soc. Hort. News 26: 1737, 1740. July  
1945. 8 N46
- 21295 CONNORS, G. H. How to pick apples and  
pears. Home Gard. 6(3): 20-22. Sept. 1945.  
80 H756
- 21296 CROCE, F. M. El raleo del damasco. Rev.  
Mens. B. A. P. 28(333): 53-61. Aug. 1945. 9 R326
- 21297 F. Why not plant a quince tree? Pop.  
Gard. 47: 226. Sept. 15, 1945. 80 G1622
- 21298 G., M. L. Good cooking apples for plant-  
ing in autumn. Pop. Gard. 47: 226. Sept. 15,  
1945. 80 G1622
- 21299 GILCHRIST LEIGHTON, J. El durazno.  
Agrario 9(362): 6, 11. May 30, 1945. 9.3 Ag85
- 21300 GRAVES, H. A. Grows trees and fruits be-  
cause he likes them. Dakota Farmer 65(18): 3.  
Sept. 22, 1945. 6 D14
- 21301 GUENGERICH, H. W. Some orchard problems  
that warrant experimental research. Mo. State Hort.  
Soc. Proc. 1942/44: 91. Dec. 1944. 81 M692  
Sprays and spraying equipment.
- 21302 HOGG, D. J. Pruning apple and pear trees.  
New Zeal. J. Agr. 70: 641-642. June 15, 1945.  
23 N48J
- 21303 KILPATRICK, D. T. The pruning of the  
Japanese plum. Agr. Gaz. N. S. Wales 56: 303-307.  
July 1, 1945. 23 N472
- 21304 MECARTNEY, J. L. Maturer peaches have  
more size and sugar. Pa. Grange News 42(6): 14.  
Sept. 1945. 6 P38
- 21305 \*MOHRENWEISER, D. Obstbaumanzucht ohne  
zapfen. Gartenbauwirtschaft 62(6/8): 1. Feb. 22,  
1945. 80 G1922
- 21306 NICHOLS, H. E. A back yard orchard hobby.  
Fed. Gard. Clubs Iowa. Ybk. (Iowa Gard.) (1944) 14: 13.  
90.32 F315  
Growing different varieties on hardy apple stocks.
- 21307 \*PIROVANO, A. Ibridi di pruni con peschi.  
Ital. Agr. 78: 681-685. Oct. 1941. 16 It1
- 21308 RUSSELL, C. E. Dwarf fruit trees. Mich.  
Hort. Soc. Hort. News 11: 98. Sept. 1945.  
80 H7815
- 21309 \*S. Unsere bäume brauchen wasser.  
Deut. Gart. 59: 44. June 1944. 80 P883  
Water requirements of fruit trees.
- 21310 SHEWELL-COOPER, W. E. What apples shall I  
plant? Field 186: 168. Aug. 18, 1945. 10 P45
- 21311 TOMALIN, T. E. When to gather apples and  
pears. Pop. Gard. 47: 220-221. Sept. 8, 1945.  
80 G1622
- 21312 U. S. PATENT OFFICE. Plant patent No.  
659. Etter, A. F. Apple tree. 1 p., 1 col. pl.  
Patented Aug. 28, 1945. 156.65 P69
- 21313 YARNELL, S. E. Notes on peach variety  
situation in Texas; two freestone groups ripening be-  
fore Elberta. South. Florist and Nurseryman 58(26):  
7-8. Sept. 21, 1945. 80 So86
- Fruits--Small
- 21314 \*AUBERT, P. Il faut tailler les groseil-  
liers à grappes. Rev. Romande d'Agr., de Vitic. et  
d'Arbor., No. 3, p. 8. Mar. 1945. 17 J82A
- 21315 \*BERNON, G. Le vignoble de Condrieu.  
Prog. Agr. et Vitic. 62: 158-161, 182-185. May 6/13,  
20/27, 1945. 14 P94
- 21316 \*BRANAS, J. De la taille en gobelet.  
Prog. Agr. et Vitic. 61: 45-47. Feb. 6/13, 1944.  
14 P94  
Grape pruning.
- 21317 \*BRANAS, J., BERNON, G., and LEVADOUX, L.  
Hétérogénéité agrologique et climatologique des  
champs d'essais viticoles. Prog. Agr. et Vitic. 61:  
155-160. May 7/14, 1944. 14 P94
- 21318 BURTSCHER, W. J. Ephraim Bull and the  
Concord grape. Amer. Fruit Grower 65(9): 12, 24,  
26, 28-29, 35. Sept. 1945. 80 G85
- 21319 C., L. E. Consideraciones generales sobre  
la poda de la vid. Campesino [Santiago] 77: 387-388  
July 1945. 9.3 Sol2
- 21320 DARROW, G. M. Small fruit varieties.  
Hoosier Hort. 27: 116, 118-120. Aug./Sept. 1945.  
81 In2H



- 21321 FRENCH, A. P. Why the name "strawberry"? Country Life [Vernon] 29(9): 23. Sept. 1945. 7 C832
- 21322 \*GALET, P. Origine des Riparia x Rupes-tris. Prog. Agr. et Vitic. 62: 48-50, 73-76. Feb. 18/25, Mar. 4/11, 1945. 14 P94  
Grape hybrids.
- 21323 HUNT, E. M. Strawberry plantings need summer care. Minn. Hort. 73: 109. Aug. 1945. 81 M66
- 21324 \*I. Bei erdbeeren schon während der ernte an die nachzucht denken. Deut. Gart. 59: 44. June 1944. 80 P883
- 21325 \*KAMPFFERT, Rebe, klima und witterung. Landesbauernschaft Moselland. Wchnbl., No. 13, p. 151. Mar. 25, 1944. 18 L2328
- 21326 \*KURTZ, H. Ausweitung des erdbeer- und himbeerbaues. Landesbauernschaft Moselland. Wchnbl., No. 29, p. 309. July 15, 1944. 18 L2328
- 21327 \*LEYVRAZ, H. Défoncements et prévisions pour plantations de vignes. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 1, p. 4-5. Jan. 1945. 17 J82A
- 21328 M., E. Plant strawberries now to produce a heavy crop next year. Pop. Gard. 47: 210. Sept. 1, 1945. 80 G1622
- 21329 MAGILL, W. W. New steps in strawberry growing. Mo. State Hort. Soc. Proc. 1942/44: 44-46. Dec. 1944. 81 M692
- 21330 A NEW INDUSTRY [berries] for Newry. North. Ireland. Min. Agr. Monthly Rpt. 20: 9-10. May 1945. 256.13 Ag82M
- 21331 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The cultivation of black currants. North. Ireland. Min. Agr. Leaflet, 109, 4 p. Belfast, 1944. 10 N81
- 21332 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The cultivation of strawberries. North. Ireland. Min. Agr. Leaflet 68, 7 p. Belfast, 1944. 10 N81
- 21333 OLDHAM, F. S. Sultana [grape] pruning problems on the Murray River settlements; the result of disastrous conditions in 1944-45. Agr. Gaz. N. S. Wales 56: 311-312. July 1, 1945. 23 N472
- 21334 \*PIROVANO, A. Origini della vite e possibilità di raggruppamenti continentali. Ital. Agr. 80: 61-65. Feb. 1943. 16 It1
- 21335 \*S. Vorteile durch topfanzucht bei erdbeeren. Blumen u. Pflanzenbau ver. mit Gartenwelt 48: 150. June 23, 1944. 80 G196
- 21336 SCHERER, P. R. Grape growing -- choosing a site for a vineyard. So. Austral. Dept. Agr. J. 48: 552-553. July 1945. 23 So84
- 21337 \*SCHMIDT, E. Pour faciliter la culture des fraisiers des quatre saisons. Rev. Hort. Suisse 18: 127-128. June 1945. 80 R3212
- 21338 \*STAEHELIN, M., and LEYVRAZ, H. Sélection du Chasselas et coulure. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 3, p. 4-6. Mar. 1945. 17 J82A
- 21339 STRAWBERRY growing. North. Ireland Min. Agr. Monthly Rpt. 20: 107-108. Aug. 1945. 256.13 Ag82M
- 21340 W., S. B. Raspberries must be pruned. Pop. Gard. 47: 202. Aug. 25, 1945. 80 G1622
- 21341 WANDER, I. W. Keeping [grape] vines vigorous. Amer. Fruit Grower 65(9): 13, 32-33, 35. Sept. 1945. 80 G85
- 21342 WATT, J. H. Raspberry culture in New Zealand. New Zeal. J. Agr. 70: 603-610. June 15, 1945. 23 N48J
- 21343 WEIR, T. S. Raspberries and other brambles. Minn. Hort. 73: 107-108. Aug. 1945. 81 M66
- 21344 WELLINGTON, R. Promising grape varieties. Amer. Fruit Grower 65(9): 10-11, 30. Sept. 1945. 80 G85
- 21345 WILLIAMS, J. L. Vineyard establishment under Australian conditions. So. Austral. Dept. Agr. J. 48: 516-525. (To be cont.) July 1945. Ref. 23 So84
- Nuts
- 21346 \*AUBERT, P. Fécondation et fructification du noyer. Rev. Hort. Suisse 18: 91-92. Mar. 1945. 80 R3212
- 21347 GELLATLY, J. U. Nut trees. Arboretum B. 8(3): 11-13. Fall 1945. 451 Ar1  
Varieties suitable for Canada.
- 21348 PRA B., I. Cultivo del nogal. Agrario 9(359): 14. Apr. 16, 1945. 9.3 Ag85
- 21349 \*STUDER, A. Greffage du noyer. Rev. Hort. Suisse 18: 92-96. May 1945. 80 R3212
- Ornamental Plants
- 21350 AHRENDT, MRS. A. The Dahlborg daisy. Back to Eden 12(3): 7. Oct. 1945. 80 B12
- 21351 AHRENDT, MRS. A. Year-around gloxinia care. Back to Eden 12(2): 1-2. Sept. 1945. 80 B12
- 21352 ARAGÓN LEYVA, A. Cuatrocientos embajadores de México en los jardines americanos. Labor de exploración y paciencia de una mujer: Cecile Hulse Matsehat, en busca de plantas exóticas. Mex. Dir. Gen. Forest. y de Caza. B. 5: 23-24. Jan./June 1944. 99.9 M574
- 21353 AUL, H. B. The garden pool must be carefully placed and in harmony with its surroundings. Plants & Gard. 1: 84-87. Summer 1945. 450 P694
- 21354 AVERY, G. S., JR. Grass--and lawns. Plants & Gard. 1: 70-75. Summer 1945. 450 P694
- 21355 \*B., H. Les panneaux de mousse fleuris. Rev. Hort. Suisse 18: 98-101. May 1945. 80 R3212
- 21356 BAINUM, MRS. E. Peonies for pleasure. Back to Eden 12(3): 2-3. Oct. 1945. 80 B12
- 21357 BAIRD, T. J. Why will you plant like this! Amer. Home 34(4): 61-62. Sept. 1945. 80 Am313  
Landscape gardening.
- 21358 \*BARRERA RIBER, R. Importancia de la jardinería en la vida de los pueblos. Agricultura [Madrid] 14: 284-288. (Cont.) June 1945. 15 Ag84
- 21359 BEALE, J. H. Good shrubs for bad places. Home Gard. 6(3): 97-101. Sept. 1945. 80 H756
- 21360 \*BERNER, A. De la fleur coupée pour la bouquetterie. Rev. Hort. Suisse 18: 62-64. Mar. 1945. 80 R3212
- 21361 \*BODMER, H. Les pivoinies herbacées. Rev. Hort. Suisse 18: 149-154. July 1945. 80 R3212
- 21362 \*BRILL, O. Heimisch-bodenständig--oder standortgerecht? Betrachtungen über einen unnötigen meinungsstreit. Gartenkunst 57(1/3): 9-12. Jan./Mar. 1944. 80 G197
- 21363 BROWN, J. R. Two well known agaves. Cactus and Succulent J. 17: 107-110. Aug. 1945. 451 C11  
Agave ferdinandii regis and A. victoriae reginae.
- 21364 BROWN, P. D. The how of landscape planting and design. II. Texture. Northwest Gard. 13(7): 8-10. Sept. 1945. 80 N213
- 21365 BUCHANAN, MRS. G. T. The lovely iris. South. Home and Gard. 13(3): 24, 26. Sept. 1945. 80 So824
- 21366 BUTT, L. W. What makes a good commercial gladiolus? Canad. Florist 40: 207, 215. June 20, 1945. 80 C163
- 21367 C., P. S. Tree peonies from seed. Natl. Council State Gard. Clubs. B. 16(9/10): 18. Aug./Sept. 1945. 90.32 N21
- 21368 CABELL, A. Chrysanthemums - Virginia style. Home Gard. 6(3): 80-82. Sept. 1945. 80 H756
- 21369 CADNEY, R. G. A self-made alpine garden. II. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 45-51. Mar. 1945. 84 AL6



- 21370 CAMPBELL, D. J. *Wahlenbergias*. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 79-81. June 1945. 84 AL6
- 21371 CAPARN, H. A. Layout of the small place; treatment of an American front yard. Plants & Gard. 1: 68-69. Summer 1945. 450 P694
- 21372 CAVE, N. L. What's new in irises; a review of recent introductions to the iris world from the leading raisers at home and in America. Gard. Illus. 64: 649-650. Sept. 1945. 80 G169
- 21373 CHADWICK, L. C. *Bignonia* (*Pyrostegia*) *venusta*. Amer. Nurseryman 82(5): 19. Sept. 1, 1945. 80 Am371
- 21374 CLARK, A. M. Some South African begonias. Begonian 12: 172-174. Sept. 1945. 96.511 B39
- 21375 CLARK, J. S. Two-dimensional shrubs; how to choose, train and care for espaliered plants. House & Gard. [Greenwich] 88(4): 102-103, 152, 154, 156, 158. Oct. 1945. 80 H81
- 21376 CLARK, L. G. Put life into hospital flowers. Gard. Gossip 20(9): 11, 17. Sept. 1945. 80 G1625
- 21377 CLARKE, E. The story of waterlilies; something of their history and development. Plants & Gard. 1: 101-102. Summer 1945. 450 P694
- 21378 COCKER, H. R. The opium poppy. Gard. Chron. 118: 64. Aug. 11, 1945. 80 G162
- 21379 \*CORREYON, A. *Dianthus alpinus* L. Rev. Hort. Suisse 18: 52. Mar. 1945. 80 R3212
- 21380 CRAIG, W. N. Lily notes from New England. Roy. Hort. Soc. J. 70: 241-243. Aug. 1945. 84 L84J
- 21381 CROWK, L. M. Did you ever plant a cut-flower terrarium? Home Gard. 6(3): 11-14. Sept. 1945. 80 H756
- 21382 D., M. L. Be sure to grow bulbs in bowls of fibre indoors. Pop. Gard. 47: 222. Sept. 8, 1945. 80 G1622
- 21383 DAUNOY, H. L. Azalea culture in a nutshell. Home Gard. for South 5: 147. July/Aug. 1945. 80 H755
- 21384 DAVENPORT, C. K. A border is for flowers. Home Gard. 6(3): 23-28. Sept. 1945. 80 H756
- Perennials for bloom through the growing season.
- 21385 DEMING, W. C. Green petunias. Natl. Hort. Mag. 24: 244. July 1945. 80 N216
- 21386 DEMONET, J. A. If your wisteria won't bloom. Amer. Home 34(4): 68, 70. Sept. 1945. 80 Am313
- 21387 DE PETRIS, V. R. Development of new chrysanthemums increases interest, sales. Florists Rev. 96(2492): 35-36, 68-69. Aug. 30, 1945. 8Q W41
- Varieties worth growing from a practical standpoint.
- 21388 DOERMANN, A. F. Outstanding dahlias in America in 1944. Austral. Gard. Lover 21(4): 21, 23. July 2, 1945. 80 G1615
- 21389 DONEY, C. F. Shrubs for special uses. Plants & Gard. 1: 18-51. Spring 1945. 450 P694
- Shrubs adapted to various types of soil, and for ground cover and shade.
- 21390 DORAN, W. L. Propagating the Briarcliff rose by means of cuttings. Florists Exch. 105(11): 17, 21. Sept. 15, 1945. 80 F666
- 21391 DORMON, C. Native iris journal 1945. Home Gard. for South 5: 126-129, 131, 145. July/Aug. 1945. 80 H755
- 21392 DORMON, C. Wild roses: ancestors of modern roses. Home Gard. for South 5: 108-109. June 1945. 80 H755
- 21393 DOWNER, H. E. Hardy asters. Home Gard. 6(3): 31-33. Sept. 1945. 80 H756
- 21394 DOWNER, H. E. Plant for permanence—rose of Sharon [*Hibiscus syriacus*]. Flower Grower 32: 430. Sept. 1945. 80 M72
- 21395 E., L. R. Try the new [perennial] flowers; they are finer than the old ones. Pop. Gard. 47: 222. Sept. 8, 1945. 80 G1622
- 21396 EMSWELLER, S. L. The chrysanthemum breeding program of the United States Department of Agriculture. East. States Chrysanthemum Soc. B. 1(2): 6-12, processed. Second quart. 1945. 96.519 Ea7
- 21397 ESSON, J. G. Gladiolus show. Hort. Soc. N. Y. Monthly B. 16(10): 3-4. Oct. 1945. 81 N482M
- 21398 EVANS, E. H. Orchids are incubator babies. Home Gard. 5: 154-155, 156. Sept. 1945. 80 H755
- 21399 EVERETT, T. H. Fall renovation in the perennial border. Home Gard. 6(3): 63-66. Sept. 1945. 80 H756
- 21400 EVERETT, T. H. Plant portraits [*Schizophragma hydrangeoides*; *Hydrangea petiolaris*; *Angelica archangelica*]. Gard. Chron. Amer. 49: 236-237. Sept. 1945. 80 G1632
- 21401 EYLAR, MRS. F. B. The daylilies. Arbo-retum B. 8(3): 27-30. Fall 1945. 451 Arl
- 21402 F. Success with soft shoot cuttings. Pop. Gard. 47: 206. Aug. 25, 1945. 80 G1622
- 21403 F., G. Take a few shrub cuttings. Pop. Gard. 47: 229. Sept. 15, 1945. 80 G1622
- 21404 FALL-BLOOMING crocuses. By the Master Gardener. Mich. Hort. Soc. Hort. News 11: 103. Sept. 1945. 80 H7815
- 21405 FISHER, G. M. Improved perennials in the small formal border. Gard. Chron. Amer. 49: 235, 240-241. Sept. 1945. 80 G1632
- 21406 FREE, M. Bulbs - according to plan. Home Gard. 6(3): 15-19. Sept. 1945. 80 H756
- 21407 FREE, M. Waterlilies. Plants & Gard. 1: 88-95. Summer 1945. 450 P694
- 21408 FREE, M. Why house plants fail. Plants & Gard. 1: 56-58. Spring 1945. 450 P694
- 21409 FREEMAN, C., and FREEMAN, D. Candle of God [*Yucca whipplei*]. Nat. Hist. 54: 316-321. Sept. 1945. 500 N483J
- 21410 G., D. Out of the ordinary flowers. Pop. Gard. 47: 214. Sept. 1, 1945. 80 G1622
- 21411 GALE, E. In praise of the "formal" [garden]. Horticulture 23: 415. Sept. 15, 1945. 80 H787
- 21412 GARNETT, C. S. Flora of Morocco. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 55-62. (Cont.) Mar. 1945. 84 AL6
- 21413 GINNS, R. Some thoughts on alpine houses. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 25-27. Mar. 1945. 84 AL6
- 21414 GINNS, R. Winter flowering crocuses. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 82-96. June 1945. 84 AL6
- 21415 GIUSEPPI, P. L. Some rare rock plants. Roy. Hort. Soc. J. 70: 235-238. Aug. 1945. 84 L84J
- 21416 GRAVES, A. H. The waterlily way of life. Plants & Gard. 1: 105-107. Summer 1945. 450 P694
- 21417 \*GREENE, G. Quelques beaux rosiers. Rev. Hort. Suisse 18: 59-60. Mar. 1945. 80 R3212
- 21418 \*GROSSMANN, J. P. Kultur und natur in garten und landschaft. Gartenkunst 57(1/3): 1-9. Jan./Mar. 1944. 80 G197
- 21419 GUZMAN N., D. A. Estética o barbarismo? Rev. Nac. de Agr. 39(489): 26. June 1945. 9.4 R32
- Protest against pruning street plantings of Acacias.
- 21420 \*HAHN. Zwei weitere neuere *Fremus*. Blumen- u. Pflanzenbau ver. mit Gartenwelt 48: 154. June 23, 1944. 80 G196
- Varieties Dawn and Flair.
- 21421 HAMBLIN, S. F. [Collecting varieties of hardy flowering plants.] Lexington Leaflets 15: 21-24. June 30, 1945. 80 L59
- 21422 HAMBLIN, S. F. [Shady places in the border or the formal garden.] Lexington Leaflets 15: 17-20. June 16, 1945. 80 L59



- 21423 HARVEY, N. P. On moving plants; experiences of transplanting in late summer. Gard. Illus. 64: 676, 678. Oct. 1945. 80 G169
- 21424 HASTINGS, W. R. Peace--it's glorious. South. Seedsman 8(9): 11. Sept. 1945. 61.8 So8  
1946 rose award winner, "Peace."
- 21425 HASTINGS, W. R. Peace--the outstanding rose of the decade. Mich. Hort. Soc. Hort. News 11: 99. Sept. 1945. 80 H7815
- 21426 HAWKES, A. D. Mascarena verschaffeltii--an unusual palm. Natl. Hort. Mag. 24: 248. July 1945. 80 N216
- 21427 \*HOFFMANN, A. Jetzt noch einmal chrysanthemen für kleinpflanzen stecken! Blumen- u. Pflanz- enbau ver. mit Gartenwelt 48: 152. June 23, 1944. 80 G196
- 21428 HOLLEY, W. D., and MACFARLANE, J. Carnation variety trials at New Hampshire Station. Florists' Rev. 96(2494): 33. Sept. 13, 1945. 80 W41
- 21429 HOLLEY, W. D. How to grow the gardenia. Flower Grower 32: 436-437, 457. Sept. 1945. 80 M72
- 21430 HUNKIN, J. W. Four friends of a hundred years (1845-1945). Roy. Hort. Soc. J. 70: 238-239. Aug. 1945. 84 L84J
- Lonicera fragrantissima, Indigofera decora, Rhododendron amoenum, and Eucryphia glutinosa.
- 21431 HYDRANGEAS for garden and woodland. By Silver Willow. Gard. Illus. 64: 645-646. Sept. 1945. 80 G169
- 21432 \*I. Auch an die hecken denken. Deut. Gart. 59: 45. June 1944. 80 P883
- 21433 INGALLS, N. M. Daisies in wide variety. Horticulture 23: 375-376. Sept. 1, 1945. 80 H787
- 21434 INGWERSEN, W. E. T. The Cliff House [rock garden]. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 1-9. Mar. 1945. 84 AL6
- 21435 JACK, J. S. How to renew your perennial border. Flower Grower 32: 433-434. Sept. 1945. 80 M72
- 21436 \*JEANMONOD, L. Comment élever les chrysanthèmes cultivés en uniflores. Rev. Hort. Suisse 18: 54-56. Mar. 1945. 80 R3212
- 21437 \*JELITTO, C. R. Dankbare sommerblüher für den steingarten. Deut. Gart. 59: 45. June 1944. 80 P883
- 21438 JENKINS, D. H. House plants in summer. Plants & Gard. 1: 76-77. Summer 1945. 450 P694
- 21439 JOHNSON, MRS. L. L. Growing chrysanthemums in Colorado. Green Thumb 2(5): 3-5. Sept./Oct. 1945. 80 G82
- 21440 KERFOOT, J. R. Draba. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 115-122. June 1945. 84 AL6
- 21441 \*KORDES, W., JR. Rosenanbau und -zucht in kriege. Blumen- u. Pflanzenbau ver. mit Gartenwelt 48: 152-153. (To be cont.) June 23, 1944. 80 G196
- 21442 KROME, P. R. Proper storage will improve your glads. Mich. Hort. Soc. Hort. News 11: 101. Sept. 1945. 80 H7815
- 21443 L., B. S. Take cuttings of rambler roses. Pop. Gard. 47: 198. Aug. 18, 1945. 80 G1622
- 21444 L., M. For late colour on the rockery. Pop. Gard. 47: 205. Aug. 25, 1945. 80 G1622
- 21445 LAMSON, M. D. First aid for storm damage to trees and shrubs. Home Gard. 6(3): 37-40. Sept. 1945. 80 H756
- 21446 LAMSON, M. D. Layout of the small place; a woodland garden. Plants & Gard. 1: 4-6. Spring 1945. 450 P694
- 21447 LANNIE, L. Propagation of garden plants [ornamentals]. Orchardist New Zeal. 18(6): 16. June 5, 1945. 80 Or19
- 21448 LAURENCE, E. P. B. The advertising benefits of landscaping of food packing plants. Canning Trade 68(8): 12. Sept. 17, 1945. 286.83 T67
- 21449 LAYTON, R. Water gardening. Home Gard. for South 5: 104-107. June 1945. 80 H755
- 21450 LEAD, W. L. More about gentian hybrids. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 38-43. Mar. 1945. 84 AL6
- 21451 LEIGHTON, MRS. R. S. Lilacs in the Northwest. Horticulture 23: 412-413. Sept. 15, 1945. 80 H787
- 21452 LEMMON, R. S. Autumn on the rockpile. Home Gard. 6(3): 45-47. Sept. 1945. 80 H756
- Rock garden culture.
- 21453 LEWIS, G. G., and HOWLAND, J. E. Roses. Amer. Home 34(4): 23. Sept. 1945. 80 Am313
- Recommendations for making cut flowers last longer.
- 21454 LONDON, V. Notes on Streptanthera. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 52-54. Mar. 1945. 84 AL6
- 21455 LORENZ, K. K. The 1945 oriental poppy season. Flower Grower 32: 438-439, 452-453. Sept. 1945. 80 M72
- 21456 MCFARLAND, J. H. Good plants for wet spots. Horticulture 23: 402. Sept. 1945. 80 H787
- 21457 MCFARLAND, J. H. Radiance [rose] and its originator [John Cook]. Flower Grower 32: 435, 458. Sept. 1945. 80 M72
- 21458 MACGREGOR, M. M. Jewels [berries] hang in the shrubbery. Better Homes & Gardens 24(2): 76-77. 107. Oct. 1945. 80 F9424
- 21459 MCLAREN, M. After four years [of neglect in an alpine garden]. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 44-45. Mar. 1945. 84 AL6
- 21460 MACRAE, L. How to divide a peony. Better Homes & Gardens 24(1): 94. Sept. 1945. 80 F9424
- 21461 MALMBORG, G. E. More unusual trees and shrubs. Amer. Nurseryman 82(6): 9-12. Sept. 15, 1945. 80 Am371
- 21462 MARRIAGE, K. Boykinia jamesi. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 9. Mar. 1945. 84 AL6
- 21463 MÉTODOS de reproducción y cultivo de la dalia. Chacra 15(178): 42-43, 79. Aug. 1945. 9 C34
- 21464 MODERN garden daffodils; a selection for present planting. By Maximus. Gard. Illus. 64: 673. Oct. 1945. 80 G169
- 21465 MONTGOMERY, R. P. Flower arrangement in miniature to develop interest of school children. Canad. Hort. & Home Mag., Floral Ed. 68: 165-166. July/Aug. 1945. 80 G16F
- 21466 MORRISON, B. Y. Rhododendron mucronatum f. sekidera Wils. and its kin. Natl. Hort. Mag. 24: 224-227. July 1945. 80 N216
- 21467 ONEAL, MRS. B. G. Monterrey, Mexico; gardens and flower shows. South. Home and Gard. 13(3): 10, 23. Sept. 1945. 80 So824
- 21468 ONEAL, MRS. B. G. Why an international school of flower arrangement? South. Home and Gard. 13(3): 12. Sept. 1945. 80 So824
- 21469 OTTO, A. H. Living memorials. Wis. Hort. 36: 21. Sept. 1945. 80 W752
- 21470 PALMER, L. A giant stock [Mathiola sinuata x M. incana]. Roy. Hort. Soc. J. 70: 234. Aug. 1945. 84 L84J
- 21471 LES PARCS Nationaux du Congo Belge. B. Agr. du Congo Belge 32: 454-495. Sept. 1941. 24 K83
- 21472 PARSONS, H. Glasshouse flower production. Fruit Grower, Fruiterer, Florist & Market Gard. 100: 122. Aug. 16, 1945. 80 F941
- 21473 PERKS, A. E. Greenbelts for Canada's big cities. Amer. City 60(9): 133. Sept. 1945. 98.58 Am31
- Plans for development of Canadian city parks.
- 21474 PESEL, L. F. Irises for the little garden. Roy. Hort. Soc. J. 70: 257-260. Sept. 1945. 84 L84J



- 21475 PEYTON, G. W. The annual peony show, Minneapolis. Minn. Hort. 73: 103. Aug. 1945. 81 M66
- 21476 PEYTON, G. W. The story of peony Victory. Flower Grower 32: 454. Sept. 1945. 80 M72
- 21477 QUINTEROS, M. Sauces y álamos. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 308. Aug. 2, 1945. 9.9 G15B
- 21478 REA, F. J. New and time-tested phlox. Horticulture 23: 376. Sept. 1, 1945. 80 H787
- 21479 REBER, E. L. Daphnes in the garden. Arboretum B. 8(3): 5-7. Fall 1945. 451 Arl
- 21480 REBER, E. L. Kalmia latifolia. Arboretum B. 8(3): 19. Fall 1945. 451 Arl
- 21481 REIS, V. Middle West hydrangeas. Horticulture 23: 402. Sept. 15, 1945. 80 H787
- 21482 RICHARDSON, R. Fall planting [of bulbs] for spring bloom. Minn. Hort. 73: 101, 107. Aug. 1945. 81 M66
- 21483 RIES, V. H. Evergreens. Better Homes & Gardens 24(1): 20-21. Sept. 1945. 80 F9424
- 21484 RIPLEY, D. Nevada, 1944. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 28-37. Mar. 1945. 84 AL6
- Description of some alpine plants of Nevada.
- 21485 ROCKWELL, F. F. You need an outdoor start for good indoor bulbs. Home Gard. 6(3): 67-69. Sept. 1945. 80 H756
- 21486 ROGER-SMITH, H. Sit in your arm-chair and travel. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 11-16. Mar. 1945. 84 AL6
- Description of some alpine plants.
- 21487 ROLAND, R. H. S. A. F. plans all ready for first national flower week. Florists Exch. 105 (10): 13, 33. Sept. 8, 1945. 80 F666
- Society of American Florists.
- 21488 ROOSEN-RUNGE, E. C. Epiphyllums in the livingroom in New England. Cactus and Succulent J. 17: 111-112. Aug. 1945. 451 Cl1
- 21489 ROBER, M. E. Lemon palm (*Melissa officinalis*). Gard. Gossip 20(9): 14. Sept. 1945. 80 G1625
- 21490 ROWNTREE, L. *Lewisia kelloggii*. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 123. June 1945. 84 AL6
- 21491 ROWNTREE, L. *Lupinus peirsonii*. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 66. June 1945. 84 AL6
- 21492 ROWNTREE, L. Victory gardens; a descriptive survey of allotment gardens in the western United States. Gard. Illus. 64: 653. Sept. 1945. 80 G169
- 21493 RUSK, H. M. Other aquatics and wet soil plants. Plants & Gard. 1: 97-100. Summer 1945. 450 P694
- 21494 RUSSELL, J. P. C. New types of hybrid rhododendrons for the small garden. Roy. Hort. Soc. J. 70: 225-234. Aug. 1945. 84 L84J
- 21495 \*S., A. Einjährige chrysanthemen als schnittblumen. Blumen- u. Pflanzenbau ver. mit Gartenwelt 48: 152. June 23, 1944. 80 G196
- 21496 S., L. B. Sowing sweet peas. Pop. Gard. 47: 214. Sept. 1, 1945. 80 G1622
- 21497 S., M. L. For sowing [flower seeds] in September. Pop. Gard. 47: 230. Sept. 15, 1945. 80 G1622
- 21498 S., M. L. The little bulbs give pleasure; now is the time to plant them. Pop. Gard. 47: 213. Sept. 1, 1945. 80 G1622
- 21499 \*SCHNEIDER, C. Stauden-auslese für die deutsche garten- und parkgestaltung. Gartenkunst 57 (7/9): 33-48. July/Sept. 1944. 80 G197
- 21500 SCOTT, E. L. Steps in disbudding mums. East. States Chrysanthemum Soc. B. 1(2): 5-6. Second quart. 1945. 96.519 Ea7
- 21501 SEALE, L. P. Summertime and roses. Home Gard. for South 5: 116. June 1945. 80 H755
- 21502 SKEBA, MRS. E. Roses from cuttings. Back to Eden 12(2): 2-3. Sept. 1945. 80 B12
- 21503 SELIGMAN, R. Alpines on Jan Mayen. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 70-78. June 1945. 84 AL6
- 21504 SENIOR, R. M. *Campanula mollis*. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 10. Mar. 1945. 84 AL6
- 21505 SENIOR, R. M. Low growing annual campanulas. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 110-114. June 1945. 84 AL6
- 21506 SHARPLESS, A. B. Winter blooming plants. Pa. Farmer 133: 117. Sept. 8, 1945. 6 P383
- 21507 SHAW, M. G. Daisies from Africa to brighten southern gardens. Home Gard. 5: 152-153, 168. Sept. 1945. 80 H755
- 21508 SLATE, G. L. Minor species of asiatic lilies. Natl. Hort. Mag. 24: 228-237. July 1945. 80 N216
- 21509 SMITH, H. Colour associations of ornamental plants. Gard. Chron. 118: 108-109. Sept. 8, 1945. 80 G162
- 21510 SMITH, J. E., JR. Development in floriculture at the University of Missouri 1939 to 1944. Mo. State Hort. Soc. Proc. 1942/44: 146-147. Dec. 1944. 81 M692
- 21511 SMITH, J. E., JR. Experimental floriculture at the University of Missouri. Mo. State Hort. Soc. Proc. 1942/44: 134-137. Dec. 1944. 81 M692
- 21512 SPENCER, A. The Russell lupin. Arboretum B. 8(3): 36-37. Fall 1945. 451 Arl
- 21513 \*SPERLING, J. Schnittgrün-sortierung im kriege. Blumen- u. Pflanzenbau ver. mit Gartenwelt 48: 151-152. June 23, 1944. 80 G196
- 21514 STIMSON, C. T. Food for the madonna cyclamen. Arboretum B. 8(3): 20-21. Fall 1945. 451 Arl
- 21515 STROUT, E. B. The colorful *Sparaxis*. Gard. Chron. Amer. 49: 229, 242. Sept. 1945. 80 G1632
- Includes hybrids with *Streptanthus cuprea*.
- 21516 STUART, N. W. Forcing of Croft type lilies to bloom for the Easter market; results from bulbs harvested August 15, September 1 and 15, 1944. Florists Exch. 105(12): 20. Sept. 22, 1945. 80 F666
- 21517 STUART, N. W., and EMSWELLER, S. L. Influence of harvest time and storage on forcing northwest [Easter] lilies. Florists' Rev. 96(2494): 34-36. Sept. 13, 1945. 80 W41
- 21518 STUART, N. W. Overcoming dormancy of Easter lily bulbs with hot water. Florists Exch. 105(11): 19, 25. Sept. 15, 1945. 80 F666
- 21519 SUMMER-AUTUMN perennials. By Silver Willow. Gard. Illus. 64: 665-666. Oct. 1945. 80 G169
- 21520 SVENSON, H. K. *Victoria regia*; the story of the giant waterlily. Plants & Gard. 1: 78-82. Summer 1945. 450 P694
- 21521 TAYLOR, G. M. Roses after the war. Roy. Hort. Soc. J. 70: 261-270. Sept. 1945. 84 L84J
- 21522 THOMAS, G. S. The hardy azaleas. Gard. Illus. 64: 669-670. Oct. 1945. 80 G169
- 21523 THOMSON, A. Flowers that sell well. Pop. Gard. 47: 230. Sept. 15, 1945. 80 G1622
- 21524 TIEMANN, O. R. *Primula japonica*. Back to Eden 12(2): 3. Sept. 1945. 80 B12
- 21525 TILLEY, S. R. Heart's desire [growing roses]. Plants & Gard. 1: 126-127. Summer 1945. 450 P694
- 21526 TIPS on forcing hyacinths and tulips; treatment for Christmas blooming and later. South. Florist and Nurseryman 58(35): 7, 13. Sept. 14, 1945. 80 So86
- From "Grower Talks," George J. Ball, Inc.



- 21527 TOMALIN, T. E. Chrysanthemums for big blooms--how to "take" the buds. Pop. Gard. 47: 197. Aug. 18, 1945. 80 G1622
- 21528 TOMALIN, T. E. Thinking about flowers again; labour-saving plants for the border. Pop. Gard. 47: 229. Sept. 15, 1945. 80 G1622
- 21529 VAN MELLE, P. J. Gardening for beauty. N. Y. Bot. Gard. J. 46: 197-198. Aug. 1945. 451 N48J
- 21530 \*VATTEB, R. Les panneaux de mousse fleuris offrent de nouvelles possibilités à l'horticulteur. Rev. Hort. Suisse 18: 101-104. May 1945. 80 R3212
- 21531 VOLZ, E. C. Report on new rose varieties at Iowa State College. Fed. Gard. Clubs Iowa Ybk. (Iowa Gard.) (1944) 14: 11-12. 90.32 F315
- 21532 W. Rock garden St. John's worts; a short survey of some half-hardy Hypericums suitable for the rock garden. Gard. Illus. 64: 634. Sept. 1945. 80 G169
- 21533 W., M. D. Lilies for autumn planting. Pop. Gard. 47: 205. Aug. 25, 1945. 80 G1622
- 21534 W., R. W. Newer buddleias. Florists' Rev. 96(2494): 32. Sept. 13, 1945. 80 W41
- 21535 W., R. W. Single and double stocks. Florists' Rev. 96(2494): 32. Sept. 13, 1945. 80 W41
- 21536 W., T. A. The story behind the amaryllis. Home Gard. 6(3): 66. Sept. 1945. 80 H766
- 21537 W., T. A. What about dirty foliage [of house plants]? Home Gard. 6(3): 88. Sept. 1945. 80 H756
- 21538 WATKINS, J. V. Raising orchid seedlings in tomato juice. Florists Exch. 105(10): 15. Sept. 8, 1945. 80 F666
- 21539 WEBBER, MRS. M. J. Autumn color. Green Thumb 2(5): 1-2. Sept./Oct. 1945. 80 G82
- 21540 WEICK, L. Fuchsias. House & Gard. [Greenwich] 88(4): 100, 120, 124, 130. Oct. 1945. 80 H81
- 21541 WEINARD, F. F. How to keep plants healthy. Mo. State Hort. Soc. Proc. 1942/44: 138-141. Dec. 1944. 81 M692
- Proper air and soil conditions for ornamentals.
- 21542 WEST, C. H. Flowers all the year round. So. Austral. Dept. Agr. J. 48: 555-557. July 1945. 23 So84
- 21543 WHITEHEAD, S. B. Bulbs for present planting. Field 186(4829): 41. July 14, 1945. 10 F45
- 21544 WIETING, C. G. Winter in the small greenhouse. Arboretum B. 8(3): 32-34. Fall 1945. 451 Ar1
- 21545 WILKES, M. Musician's ingenuity creates plant symphony. Begonian 12: 168-171, 174. Sept. 1945. 96.511 B39
- 21546 WILSON, H. VAN P. How's your perennial harvest? Home Gard. 6(3): 72-74. Sept. 1945. 80 H756
- 21547 WILTSE, E. Streptocarpus--the Cape primrose deserves a place in the shade garden. Begonian 12: 165, 178. Sept. 1945. 96.511 B39
- 21548 WOOD, C. W. Some observations on composites. Amer. Nurseryman 82(6): 18-20. Sept. 15, 1945. 80 Am371
- 21549 WOOD, C. W. Some thoughts on color combinations. Amer. Nurseryman 82(5): 20-23. Sept. 1, 1945. 80 Am371
- 21550 WOOD, W. W. Ohio State gladiolus show attracts 12,000 enthusiasts. Florists Exch. 105(10): 13, 17, 49. Sept. 8, 1945. 80 F666
- 21551 WOODROFFE, F. B. Versatile chrysanthemums. Better Homes & Gardens 24(1): 96, 98. Sept. 1945. 80 F9424
- 21552 WOODROFFE, F. B. What you should know about flowering shrubs. Better Homes & Gardens 24(2): 24-25. Oct. 1945. 80 F9424
- Vegetable and Truck Crops (Including Potatoes)
- 21553 \*AMARAL, V. S. G. DO. Batata-semente. Portugal. Junta Nac. das Frutas. B. 4(9): 9-11. Sept. 1944. 286.3939 P83
- 21554 BERGERET, G., and TISCORNIA, J. J. La huerta y su explotación. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 301. July 26, 1945. 9.9 G15B
- 21555 \*BOIS, E. J. Une nouveauté: chou frié. Marché de Porrentruy. Rev. Hort. Suisse 18: 84-85. Apr. 1945. 80 R3212
- 21556 BOZA BARDUCCI, T. Plan genético para la producción de papas-semilla. Lima, Peru, Estac. Expt. Agr. de La Molina. B. 24, 18 p. Lima, 1944. 102.5 L622B
- 21557 BUCKLEY, K. H. Vegetable notes. Home Gard. for South 5: 114-115. June 1945. 80 H755
- 21558 EWING, J. T. Potatoes need extra care. Family Herald and Weekly Star 76(37): 3. Sept. 12, 1945. 7 P21
- 21559 FERNÁNDEZ AGUIRRE, E. El cultivo de la papa. Fomento [monthly] 2(20): 9, 13-14. June 1945. 8 F734
- 21560 \*FERNÁNDEZ DE LA FUENTE, V. El ajo. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg. 44, 8 p. Madrid, 1944. 15 H68
- 21561 FOLSOM, D. Potato varieties: the newly named, the commercial, and some that are useful in breeding. Amer. Potato J. 22: 229-242. Aug. 1945. Ref. 75.8 P842
- 21562 \*G., I. Mehr gemüsemais anbauen! Deut. Gart. 59: 44. June 1944. 80 P883
- 21563 \*GAROLA, J. La culture du maïs sucré en Beauce. Acad. d'Agr. de France. Compt. Rend. 29: 87-89. Feb. 3/10, 1943. 14 P215Bc
- 21564 \*GIRSHAUSEN, E. Schliesst die gemüseversorgungslücke im Frühjahr und Frühsommer. Landesbauernschaft Moselland. Wehnl., No. 8, p. 90. Feb. 19, 1944. 18 L2328
- 21565 GREGG, O. I. Plant carrots for the winter supply. Mich. Potato Growers Exch. 25(10): 4. Aug. 1, 1945. 75.8 M58
- 21566 GRIMES, H. S. Cantaloupe culture. Esso Farm News 4(5): 18-19. Sept. 1945. 6 Es72
- 21567 \*JAGUENAUD. Note sur l'obtention des semences saines de pomme de terre par voie de semis. Acad. d'Agr. de France. Compt. Rend. 30: 118-120. Feb. 23/Mar. 1, 1944. 14 P215Bc
- 21568 JONES, D. F. Don't let winter frighten your vegetables. Home Gard. 6(3): 41-42. Sept. 1945. 80 H756
- 21569 JONES, D. F. Fall [vegetable] gardening. Rural New-Yorker 104: 383. Sept. 1, 1945. 6 R88
- 21570 \*JORET, G., and MALTERRE, H. Influence conjuguée de divers facteurs sur le rendement des pommes de terre. Acad. d'Agr. de France. Compt. Rend. 30: 132-133. Feb. 23/Mar. 1, 1944. 14 P215Bc
- 21571 KEOWN, M. E. Still need postwar gardens; victory gardeners asked for food to keep peace. Fla Grower 53(9): 13. Sept. 1945. 80 F6622
- 21572 KNIGHT, L. Dangers of market-gardening. N. F. U. Rec. 23: 234-235. Sept. 1945. 281.8 N21
- 21573 \*LEBOUCHER, P. L'artichaut. Rev. Hort. Suisse 18: 78-83. Apr. 1945. 80 R3212
- 21574 \*M., J. Quelques remarques concernant notre ravitaillement en semenciers de pommes de terre. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 4, p. 3. Apr. 1945. 17 J82A
- 21575 M'INTOSH, T. P. Variations in potato varieties. Scot. J. Agr. 25: 125-132. July 1945. 10 Sco82So
- 21576 \*MARCEL. Utilisation de la chaleur des carrières souterraines pour la production de la chichorée Witloof. Acad. d'Agr. de France. Compt. Rend. 290-292. May 26/June 2, 1943. 14 P215Bc



- 21577 MORGAN, E. T. The use of the tuber-unit plots in the production of seed potatoes. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 70-74. Mar. 1945. 23 W52J
- 21578 MORRISON, G. Blizzard belt breeding of vegetables; provides hardy varieties. Seed World 58(4): 8-10. Aug. 17, 1945. 61.8 Se52
- 21579 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The cultivation of carrots. North. Ireland. Min. Agr. Leaflet 100, 6 p. Belfast, 1945. 10 N81
- 21580 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The cultivation of onions and leeks. North. Ireland. Min. Agr. Leaflet 106, 8 p. Belfast, 1944. 10 N81
- 21581 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Cultivation of vegetables. North. Ireland. Min. Agr. Leaflet 67, 18 p. Belfast, 1944. 10 N81
- 21582 OERTEL, J. Gifts of the Americas. Peppers. Agr. in the Americas 5: 179. Sept. 1945. 1 F52A
- 21583 ORCHARD, H. H. Growing peas for canning. So. Austral. Dept. Agr. J. 48: 512-515. July 1945. 23 So84
- 21584 POTATO vine-killers. Down to Earth 1(2): 13-15. Aug. 1945. 381 D75
- Use of dinitro ortho secondary butyl phenol to assist in harvesting.
- 21585 PROCTER, G. C. Glasshouse science and practice; current comments on greenhouse culture of tomatoes. Fruit-Grower, Fruiterer, Florist & Market Gard. 100: 140, 143. Aug. 23, 1945. 80 F941
- 21586 \*RAPIN, J. Production de semences de pommes de terre en régions montagneuses. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 3, p. 1-3. Mar. 1945. 17 JB2A
- 21587 REBOUR, H. La culture de la pomme de terre en Algérie. Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 133-148. July/Aug. 1945. 80 F9482
- 21588 \*REUSRATH, T. Eine wenig bekannte, sehr zu empfehlende spitzkohlsorte. Blumen- u. Pflanzenbau ver. mit Gartenwelt 48: 150. June 23, 1944. 80 G196
- 21589 RODDA, T. E. Bean production. New Zeal. J. Agr. 70: 625. June 15, 1945. 23 N48J
- Varieties and culture.
- 21590 \*ROS DE RAMIS, J. DE. Huertos urbanos. Agricultura [Madrid] 14: 289-290. June 1945. 15 Ag84
- 21591 \*ROSELLA, E. Une production régionale à encourager et à étudier, la lentille. Le déperissement de la lentille. Prog. Agr. et Vitic. 62: 190-193. May 20/27, 1945. 14 P94
- Culture in relation to physiological diseases.
- 21592 ROVANO ARCIBO, H. El cultivo de la papa. Agrario 9(361): 10-11. May 15, 1945. 9.3 Ag85
- 21593 RUBIO N., R. Algunos puntos de interés sobre el cultivo de la cebolla en Atacama. Agrario 9(362): 3. May 30, 1945. 9.3 Ag85
- 21594 S., C. R. Brussels sprouts need special attention. Pop. Gard. 47: 203. Aug. 25, 1945. 80 G1622
- 21595 \*SCHENK, H. Die mühe und die notwendigkeit ihres feldmässigen anbaues im bäuerlichen betriebe. Landesbauernschaft Moselland. Wehnb., No. 8, p. 89. Feb. 19, 1944. 18 L2328
- 21596 \*SCHEL. Der wirtschaftsplan für den hausgarten sichert die selbstversorgung. Landesbauernschaft Moselland. Wehnb., No. 43, p. 784. Oct. 24, 1942. 18 L2328
- 21597 \*SCHMIDT. Gemüse als nachfrucht bauen. Landesbauernschaft Moselland. Wehnb., No. 29/30, p. 397. July 24, 1943. 18 L2328
- 21598 \*SCHMIDT, E. Quand la place manque dans les couches, repiquez en pleine terre. Rev. Hort. Suisse 18: 126-127. June 1945. 80 R3212
- Cabbage planting.
- 21599 \*SCHMIDT, H. Herbst- und kohlrüben zur gemüseversorgung. Landesbauernschaft Moselland. Wehnb., No. 29, p. 308. July 15, 1944. 18 L2328
- 21600 SMITH, R. W. Hints for the victory garden-er. 35. The mung bean. Organic Gard. 7(5): 13-14. Oct. 1945. 56.8 Or3
- 21601 SNYDER, I. C. Tomato experiments. S. Dak. Acad. Sci. Proc. (1944) 24: 65-67. Oct. 1, 1944. 500 So82
- Breeding and culture.
- 21602 STACK, G. T. La selección de semilla de papa. Peru. Dir. de Agr. Inform. Agr. 2(10): 2-4. Nov./Dec. 1944. 9.8 P434
- 21603 \*STEFFEN, A. Beiträge zum thema: tomaten in der erwerbsgärtnerei. II. Arbeitsleistung. Blumen- u. Pflanzenbau ver. mit Gartenwelt 48: 147-148. June 23, 1944. 80 G196
- 21604 \*STRECKER, F. Erfahrungen aus meinem kartoffelanbau. Landesbauernschaft Moselland. Wehnb., No. 2, p. 24. Jan. 9, 1943. 18 L2328
- 21605 \*TISSONNIER, J. L'aubergine (Solanum melongena, Lin.). Rev. Hort. Suisse 18: 56-57. Mar. 1945. 80 R3212
- 21606 \*TISSONNIER, J. Les tomates. Solanum lycopersicum Lin. Rev. Hort. Suisse 18: 104-106. May 1945. 80 R3212
- 21607 TOMALIN, T. E. Best winter-hardy lettuces. Pop. Gard. 47: 204. Aug. 25, 1945. 80 G1622
- 21608 TOMALIN, T. E. Take great care of celery. Pop. Gard. 47: 212. Sept. 1, 1945. 80 G1622
- 21609 \*TOMETORP, G. Försök med köksväxter; nya av Statens Trädgårdsförsök godkända sorter och stammar. Försök och Forskning 2: 76-77. May 1945. 11 F77
- Vegetables approved by the Swedish Federal Garden Experiment Station.
- 21610 V., F. G. Lift and store the first-early potatoes. Pop. Gard. 47: 195. Aug. 18, 1945. 80 G1622
- 21611 W., C. R. Green-back tomatoes result from lack of potash. Pop. Gard. 47: 218. Sept. 8, 1945. 80 G1622
- 21612 W., C. R. Plant August-sown onions. Pop. Gard. 47: 228. Sept. 15, 1945. 80 G1622
- 21613 W., S. B. Lifting the potatoes. Pop. Gard. 47: 211. Sept. 1, 1945. 80 G1622

## WEEDS AND POISONOUS PLANTS

- 21614 AVERY, G. S., JR. Weed-killing chemicals. Plants & Gard. 1: 52-55. Spring 1945. 450 P694
- 21615 BAILEY, J. S. Kill the chokecherries. Mass. State Col. Ext. Fruit Notes, July 31, 1945, p. 2, processed. 275.29 M381Fr
- 21616 BALL, W. S. Caution advised in using new chemical weed killer [2,4-D]; toxicity tests being made. Sunsweet Standard 39(3): 11. Aug. 1945. 286.83 Su7
- 21617 BATHE, D. R. Weed risk insurance through stubble-cleaning. Farmers Weekly [London] 23(8): 27-28. Aug. 24, 1945. 10 F2226
- 21618 BLACKMAN, G. E. Alternatives to sulphuric acid for the control of annual weeds in cereals. Fert., Feed. Stuffs and Farm Supplies J. 30: 191, 193, 195. Apr. 26, 1944. 57.8 F413
- 21619 \*BRÉTIGNIÈRE, L. Guerre aux mauvaises herbes. Rev. des Agr. de France 75: 56-57. Apr. 1943. 14 R325
- 21620 BROOKINS, W. W. Annual weeds must be controlled. Grain & Feed Rev. 35(1): 10, 51-52. Sept. 1945. 280.28 O78
- 21621 CHAMPLIN, M. An ounce of weed prevention. Country Guide 64(9): 24. Sept. 1945. 7 G76
- 21622 COX, H. R. New weed killer [2,4-D] being tested in New Jersey. N. J. Agr. 27(4): 7. July/Aug. 1945. 275.28 N46



- 21623 CRAFTS, A. S. The weed-killer question; use of herbicides in orchards under non-cultivation programs. *Citrus Leaves* 25(9): 6. Sept. 1945. 80 C492
- 21624 FOSTER, W. S. Weeds; war and a weapon [2,4-D]. *Farm and Ranch* 64(9): 35. Sept. 1945. 6 T31
- 21625 FURLANI, J. A. El cipero, junquillo o cebollita debe ser considerado plaga nacional. *Pampa Argentina* 19(215): 6. July 1945. 9 P19
- 21626 \*GARCÍA ROMERO, A. La cuscuta, sus daños y la manera de evitarlos. *Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 37, No. 14, 8 p.* Madrid, 1945. 15 H68
- 21627 \*HOFSTEN, C. G. VON. Nyare rön rörande ogräsbekämpandet (Recent observations on weed control). *K. Lantbruksakad. Tidskr.* 84: 180-191. 1945. 104 Sw3  
English summary.
- 21628 HYDE, E. O. C. Weed seeds in agricultural seed (Third and Fourth series). *New Zeal. J. Agr.* 70: 616-617; 71: 42-43. June 15, July 16, 1945. 23 N48J
- 21629 \*IFLAND, F. Der wandel in der hackarbeit. *Deut. Gart.* 59: 43-44. June 1944. 80 P883  
Weed control.
- 21630 \*KOTT, S. O nekotorykh osobennostiakh razvitiia sornykh rastenii Sibiri (Sur quelques particularités du développement des mauvaises herbes de la Sibérie). *Sovet. Bot.*, 1944, No. 4/5, p. 81-84. 450 So8
- 21631 M'DOUGAL, A. R. Grass seed mixtures and their effect on the suppression of weeds in pastures. *Scot. J. Agr.* 25: 156-158. July 1945. 10 Sco82So
- 21632 \*NAMBİYAR, K. K. A review of some experiments on the eradication of nut grass (*Cyperus rotundus* L.). *Madras Agr. J.* 32: 47-50. Feb. 1944. 22 M262
- 21633 NELSON, I. S., ZURBURG, F. W., and ARCE-NEAUX, T. J. Preliminary notes on the use of hormones as herbicides. *Home Gard. for South* 5: 117. June 1945. 80 H755  
2, 4-D tested as herbicide.
- 21634 NOER, O. J. Brynwood adopts chemical weed control program. *Golfdom* 19(8): 15-16, 18. Aug. 1945. 60.18 G58
- 21635 PARHAM, B. E. V. Weed control in relation to pasture management. *Fiji. Dept. Agr. Agr. J.* 16: 33-40. June 1945. 25 F47Ag
- 21636 \*POPP, F. Unkrautbekämpfung im Weinberg. *Landesbauernschaft Moselland. Wchnbl.*, No. 33, p. 434. Aug. 14, 1943. 18 L232B
- 21637 SOUTHWICK, L. The poison ivy problem and its solution. *Mass. State Col. Ext. Fruit Notes*, July 31, 1945, p. 3, processed. 275.29 M381Fr  
Control in orchards.
- 21638 THORNTON, B. J. Battling the bindweeds. *West. Farm Life* 47(13): 5, 10, 28. Aug. 15, 1945. 6 R153
- 21639 WHITE, C. T. Chicory - a weed pest often confused with skeleton weed. *Queensland Agr. J.* 60: 352. June 1, 1945. 23 Q33
- 21640 WILKINSON, J. F. There is a method [of eradicating Canada thistle and quackgrass]. *Hoard's Dairyman* 90: 451. Aug. 25, 1945. 44.8 H65
- MISCELLANEOUS ECONOMIC PLANTS  
(Drug, Dye, Rubber, Etc.)
- 21641 ALCIDES OCAMPO, J. La cosecha y conservación del piretro. *Peru. Dir. de Agr. Inform. Agr.* 3(11): 2-3. Jan./Feb. 1945. 9.8 P434
- 21642 ANTÚÑEZ VERGARA, G. Cultivo e industrialización de la mandioca (*Manihot utilisima* Pohl.). *Paraguay. Min. de Agr. Rev.*, No. 10, p. 17-32. June 1945. 9.7 Ag8Re
- 21643 ARANJA GIMENEZ, J. B. Cultivo del tung. *Pampa Argentina* 19(215): 23, 31. July 1945. 9 P19
- 21644 \*BALDRATI, I. Coltivazione di *Artemisia per santonina*. *Agr. Colon.* 35: 355-357. Sept. 1941. 26 Ag82
- 21645 \*BALDRATI, I. Terra oriana (*Bixa orellana* L.). *Agr. Colon.* 35: 204-210. May 1941. 26 Ag82
- 21646 BEARD, F. H. Hop growing in Great Britain with special reference to research work. *Wallerstein Lab. Commun.* 8: 83-98. Aug. 1945. 390.9 W15
- 21647 \*BRANZANTI, E. C. La coltura del caffè nel Gimma. *Agr. Colon.* 36: 1-8. Jan. 1942. 26 Ag82
- 21648 \*BRANZANTI, E. C. Note sulla coltura della cinchona al Kivu. *Agr. Colon.* 34: 186-196. May 1940. 26 Ag82
- 21649 BUSTOS N., J. Las condiciones bio-climáticas del cultivo del té. *Agrario* 9(359): 3, 15. Apr. 16, 1945. 9.3 Ag85  
Tea culture for Chile.
- 21650 \*CHEVALIER, A. Peut-on cultiver des plantes à caoutchouc en France? *Acad. d'Agr. de France. Compt. Rend.* 29: 120-123. Feb. 17/24, 1943. 14 P215Bc
- 21651 \*CITTERI, R. Problemi del caffè nell'Africa Orientale Italiana. *Agr. Colon.* 34: 135-144. Apr. 1940. 26 Ag82
- 21652 DELGADILLO, S. El cultivo del cacao en Boyacá; las posibilidades del territorio Vasquez. *Agr. Trop.* 1(5): 12-13. June 1945. 26 Ag8
- 21653 DIAZ DURÁN, J. Caficultura práctica. *Asoc. Gen. de Agr. [Guatemala]. B., No. 2, p. 2; No. 3, p. 2.* Dec. 15, 30, 1944. 8 As52
- 21654 GILBERT, S. M. The multiple stem system of growing *Coffea arabica*. *Tanganyika. Dept. Agr. Pam.* 39, 7 p. Dar es Salaam, 1945. 24 T15P
- 21655 \*GUÉDON, A., and VIEL, G. La culture du carthame dans la région méridionale. *Acad. d'Agr. de France. Compt. Rend.* 29: 544-547. Dec. 8/22, 1943. 14 P215Bc
- 21656 HART, C. J. Flower notes. *Brit. Bee J.* 73: 210-211. Aug. 2, 1945. 424.8 B77  
Honey plants.
- 21657 HENDERSON, G. The Chinese "man-plant" ginseng. Back to Eden 12(3): 1-2. (To be cont.) Oct. 1945. 80 B12
- 21658 \*JAVORSKY, L. Die neue kautschukpflanze kok-sagys und ihr anbau in Sowjet-Russland. *Tropenpflanzer* 47: 1-17, 38-47, 50-74. Jan.-Sept. 1944. 26 T75
- 21659 \*JOHN, C. M. Note on improvement of the coconut by crossbreeding. *Madras Agr. J.* 31: 75-77. Mar. 1943. 22 M262
- 21660 M., A. Arbres à pain, arbres à lait. *Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc.* 15: 157-158. (To be cont.) July/Aug. 1945. 80 F9482  
*Artocarpus altilis* and *A. heterophyllus*, the breadfruit tree and jackfruit tree.
- 21661 \*MADUENO BOX, M. El cultivo de la belladona. *Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg.* 45, 12 p. Madrid, 1944. 15 H68
- 21662 \*MASSA, L. Esperimenti sull'acclimatazione del tè nell'Africa Orientale Italiana. *Agr. Colon.* 35: 433-438. Dec. 1941. 26 Ag82
- 21663 \*MASSA, L. Il papavero da oppio (notizie su una prima coltura di orientamento nell'Africa Orientale Italiana). *Agr. Colon.* 36: 102-104. Apr. 1942. 26 Ag82
- 21664 MELLO, A. T. DE. Os torrões das mudas. *Brazil. Dept. Nac. do Café. DNC* 24: 655-658. May 1945. 286.83 p44
- 21665 MINATRA, O. The tung tree is temperamental. *Prog. Farmer, Tex. Ed.* 60(10): 74. Oct. 1945. 6 T311



- 21666 \*MORALES ARJONA, E. El cultivo del azafrán y sus aplicaciones. XV. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 37, No. 10, 12 p. Madrid, 1945. 15 H68
- 21667 \*MORI, M. Notizie sul "ciat" etiopico [*Catha edulis*]. Agr. Colon. 34: 201-203. May 1940. 26 Ag82
- 21668 NOVELO F., E. El Manihot utilissima (Yuca amarga). Fomento [monthly] 2(20): 10, 12. June 1945. 8 F734
- 21669 PEREIRA, J. R. Contribuição para o estudo das plantas alucinatórias, particularmente maconha (*Cannabis sativa*). Rev. da Flora Med. 12: 85-209. Mar. 1945. 71.8 R32
- 21670 PINAL, M. DEL. Notas sobre el cultivo del café. Asoc. Gen. de Agr. [Guatemala]. B., No. 14, p. 2; No. 15, p. 2-3; No. 16, p. 2; No. 17, p. 2. July 7, 14, 19, 24, 1945. 8 As52
- 21671 LAS PLANTACIONES de tung en el país. Pam-pa Argentina 19(215): 22-23. July 1945. 9 P19
- 21672 \*RUBBER RESEARCH SCHEME, CEYLON. Tapping young budded trees. Rubber Res. Scheme, Ceylon. Advisory C. 17, sup. 2, 2 p. Agalawatta, Ceylon, 1945. 78.9 R826
- 21673 S., H. L. Herbs for winter use. Rural New-Yorker 104: 388. Sept. 1, 1945. 6 R88
- 21674 \*SANKARAM, A. A note on the cultivation of mango ginger [*Curcuma amada*] in the neighbourhood of Anakapalli (Visagapatam District). Madras Agr. J. 30: 191-193. June 1942. 22 M262
- 21675 SIERRA, H. M. El caucho. Hevea brasiliensis. Guatemala. Dir. Gen. de Agr. Rev. Agr. (ser. 2) 1: 384-388. (Cont.) Apr. 1945. 8 Q934
- 21676 STOFFELS, E. H. J. Le quinquina. Inst. Natl. pour l'Étude Agron. du Congo Belge. P., Sér. Tech. 24a, ed. 2, 57 p. Costermansville, 1945. 24 In7P
- 21677 \*TRUFFAUT, G. Les condiments dans l'alimentation. Rev. Hort. Suisse 18: 85-87, 108-109. Apr.-June 1945. 80 R3212
- 21678 U. S. OFFICE OF THE COORDINATOR OF INTER-AMERICAN AFFAIRS. Brazil develops new high-yield rubber tree [Hevea]. J. Forestry 43: 677. Sept. 1945. 99.8 F768
- 21679 WHITE, D. G. Propagating Derris by cuttings. Agr. in the Americas 5: 154-156. Aug. 1945. 1 F752A
- 21680 WOLFE, H. S. Economic plants [spices] from Asia. Home Gard. for South 5: 107, 115. June 1945. 80 H755
- 21681 WOOLLEY, F. O tunge (Aleurites fordii). Rev. de Agr. Piracicaba, 20: 132-139. Mar./Apr. 1945. 9 R324
- 21682 YACKULIC, G. A. That table mustard you pass is probably produced in Alberta; southern Alberta farmers turn to profitable new crop. Canad. Grain J. 1(2): 13. Sept. 1945. 59.8 C16
- 21683 YOUNG, R. A. Bamboos for American horticulture. I. Natl. Hort. Mag. 24: 171-196. July 1945. 80 M216
- 21686 \*BOUTARIC, M. A. Sur une méthode simple pour la détermination du point de flétrissement des terres. Acad. d'Agr. de France. Compt. Rend. 28: 538-540. Oct. 14/21, 1942. 14 P215Bc
- 21687 COUTTS, J. R. H. A conductivity method for the estimation of soil water movement, III - seasonal changes in soil moisture conditions. So. African J. Sci. 41: 106-127. 1945. 515 S084
- 21688 DUARTE, P. J. Contribuição ao estudo da textura de alguns solos da zona da mata, em Pernambuco. Pernambuco. Sec. de Agr., Indus., e Com. B. 12(1): 62-65. Jan./Mar. 1945. 9.2 P423
- 21689 GREYLING, J. C. A word to grass-burners; ill-effects of the practice not all on the surface. Farmer's Weekly [Bloemfontein] 69: 451. May 16, 1945. 24 F225
- 21690 LUNDBLAD, K. Om bestämning av organogena jordars volymvikt (Determination of the volume weight of organogenic soils). Lantbrukshögsk., Uppsala. Jordbruksförsöksanst. Meddel. 11, 24 p. Norrtälje, 1945. 104 Up63
- English summary.
- 21691 \*PANTANELLI, E. Condensazione del vapore acqueo nel terreno. Agr. Colon. 37: 99-101. Apr. 1943. 26 Ag82
- 21692 R., O. Importance of the situation and aspect of a farm. Farmers' Gaz. [Dublin] 103: 523. Sept. 8, 1945. 10 F221
- Effects of climate, weather, and sunlight on the soil.
- 21693 \*RAYCHAUDHURI, S. P., and MIAN, A. H. Studies on Indian Red soils. VIII. Studies on the physico-chemical and mineralogical properties of some Indian Red and Lateritic soils. Indian J. Agr. Sci. 14: 117-124. Apr. 1944. 22 Ag83I
- 21694 VALLE-RODAS, R. A new method for the mechanical analysis of soils. A. S. T. M. [Amer. Soc. Testing Mater.] B. 135, p. 44-47. Aug. 1945. 290.9 Am34B
- 21695 VARELA L., G. Sobre las propiedades físicas de los suelos minerales. Rev. Agr. y Ganad. 7, 1. e. 8(92): 24, 28. May/June 1945. 9.4 R327
- 21696 \*WEITZEL, A. Vermeidung Nährstoffverluste. Deut. Obstbau 59: 99-100. June 1944. 80 M73A
- Soil leaching.

#### Soil Chemistry and Mineralogy

- 21697 AHRENS, L. H. Trace elements in clays. So. African J. Sci. 41: 152-160. 1945. 515 S084
- 21698 \*BARBIER, G. Dosage rapide de l'acide phosphorique et de la potasse dans les sols en vue de fixer la fumure. Acad. d'Agr. de France. Compt. Rend. 27: 504-511. Apr. 23/30, 1941. 14 P215Bc
- 21699 \*BARBIER, G., and AUBERT, G. Exemple de prospection d'un domaine par l'analyse rapide des terres à la ferme. Acad. d'Agr. de France. Compt. Rend. 27: 888-894. Oct. 15/22, 1941. 14 P215Bc
- 21700 BRYAN, O. C. Chemical language should aid growers; an explanation of the combining ratios of elements and compounds present in fertilizer salts and in the soil. Citrus Mag. 7(12): 8-10. Aug. 1945. 80 C498

- 21701 \*CHAMINADE, R. Sur les propriétés des complexes phospho-humiques des sols. Acad. d'Agr. de France. Compt. Rend. 29: 275-277. May 26/June 2, 1943. 14 P215Bc

- 21702 COUTTS, J. R. H. Effect of veld burning on the base exchange capacity of a soil. So. African J. Sci. 41: 218-224. 1945. 515 S084

- 21703 GONZALEZ PASTOR, M. Manera de recoger las muestras para análisis de tierras. Fomento [monthly], No. 20, p. 25-26. (Cont.) June 1945. 8 F734

#### SOILS AND FERTILIZERS

##### SOIL SCIENCE

##### Soil Physics

- 21684 ALARCON, P. J. Graves daños causados por las quemadas en los terrenos pendientes. Agr. Trop. 1(6): 44-46. July 1945. 26 Ag8

- 21685 \*BHATNAGAR, S. C. Physics in agriculture. Allahabad Farmer 19: 39-43. Mar. 1945. 22 AL5
- Physics of the soil.



21704 MIEGE, E. L'utilisation de la potasse, des terres et des engrais. Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 101. May 1945. 80 F9482

Fixation of potash in the soil.

21705. \*MUKHERJEE, S. K. Contribution of clay, silt and sand fractions and organic matter of some Indian soils towards their base exchange capacities. Indian J. Agr. Sci. 14: 137-139. Apr. 1944. 22 Ag831

21706 \*MUKHERJEE, S. K., and GANGULY, A. K. Studies on base exchange. II. A comparison of different methods of estimating base-exchange capacities and of lime requirements of hydrogen clays, acid soils and partly and completely desaturated soils. Indian J. Agr. Sci. 14: 203-209. June 1944. 22 Ag831

21707 \*NANDI, S. K. Comparison of the acid extracts of some Indian soils obtained by different methods. Indian J. Agr. Sci. 14: 140-142. Apr. 1944. 22 Ag831

21708 NORDYKE, L. Strange doings in a wheat field. Farm and Ranch 64(9): 20, 24. Sept. 1945. 6 T31

Soil testing.

21709 \*PURI, A. N., and RAI, B. Studies in soil dispersion. II. Effect of pH value and the nature of exchangeable base on dispersion of soil; III. Effect of various preliminary treatments on ultra-mechanical analysis of soils. Indian J. Agr. Sci. 14: 210-215; 216-222. June 1944. 22 Ag831

#### Soil Biology

21710 ALMADA SAPRIZA, H. En defensa de los naranjales. V-VI. Paraguay. Min. de Agr. Rev., No. 9, p. 17-23; No. 10, p. 53-57. (Cont.) May-June 1945. 9.7 Ag8Re

Nitrogen fixation and conservation in the soils of orange orchards.

21711 HAMBLIN, G. J., and DINGWALL, A. B. Earthworms. New Zeal. J. Agr. 71(1): 55-58. July 16, 1945. 23 N48J

Value in soil improvement.

21712 \*LEROUX, D. Influence de quelques "oligo-éléments" sur des phénomènes microbiens intéressant l'agronomie: combustion de la matière organique, nitrification, fixation de l'azote atmosphérique. Acad. d'Agr. de France. Compt. Rend. 27: 486-499. Apr. 23/30, 1941. 14 P215Bc

21713 \*MARCILLA ARRAZOLA, J., AGUIRRE ANDRÉS, J., and LANDRI TAGUEÑA, J. M. Inoculación de las semillas de leguminosas con bacterias radicícolas (Rhizobium leguminosarum Frank). Spain. Inst. Nac. de Invest. Agron. B. 12, p. 229-283. May 1945. Ref. 105.6 Spl4

Summaries in French, English, and German.

21714 MILTHORPE, F. L. The compatibility of protectant seed dusts with root nodule bacteria. Austral. Inst. Agr. Sci. J. 11: 89-92. June 1945. 23 Au74

Experiments to determine toxicity of dusts to a pea strain of Rhizobium leguminosarum.

21715 \*MONGUILLON, P. Fermentation des matières azotées et fertilité du sol. Chim. & Indus. Paris, 46: 745-756. Dec. 1941. Ref. 383 C42

Formation of nitrogen in the soil by bacterial fermentation of plant wastes.

21716 OBREGON BOTERO, R. Instrucciones para la nitrificación de los suelos. Vida Rural 6(72): 22. July 1945. 9.4 V66

Fixation of nitrogen by legumes; Nitrocultivo, an inoculant for legumes.

21717 BAYNER, M. C. Origin of toxicity to fungi in Wareham heath soil. Nature London, 156: 174. Aug. 11, 1945. 472 N21

21718 SMITH, W. P. C. Distribution of nitrogen-fixing bacterial cultures - twentieth anniversary. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 55-59. Mar. 1945. 23 W52J

Inoculation of legumes.

21719 TURK, L. M. Soil microorganisms need a balanced diet. Sugar Beet J. 10: 129-132. Sept./Oct. 1945. 66.8 Su38

#### Soil-Plant Relationships and Soil Requirements

21720 ABITBOL, J. Condiciones de suelo y clima para el cultivo de la papa. Bolsa de Com., Rosario. Rev. 33(804): 33-34. July 15, 1945. 287 R71

21721 ALBRECHT, W. A. Red clover suggests shortage of potash. Better Crops with Plant Food 29(7): 21, 49-50. Aug./Sept. 1945. 6 B46

21722 ARENA, A. El suelo en la horticultura. Bolsa de Com., Rosario. Rev. 33(804): 9-28. July 15, 1945. 287 R71

21723 AUTEN, J. T. Some soil factors associated with site quality for planted black locust and black walnut. J. Forestry 43: 592-598. Aug. 1945. 99.8 F768

21724 BERRY, G. H. Scree and soil. Alpine Gard. Soc. Gt. Brit. Q. B. 13: 97-110. June 1945. 84 ALc

Effects of various proportions of scree and soil on plant growth.

21725 \*CAPUS, J. Présentation des atlas de M. Larnet: atlas de la France vinicole: région de la Bourgogne, région des Côtes-du-Rhône. Acad. d'Agr. de France. Compt. Rend. 30: 89-90. Feb. 9/16, 1944. 14 P215Bc

Soils suitable for grape culture.

21726 \*DEPARDON, L., and BURON, P. Le topinambour utilise remarquablement la potasse du sol. Acad. d'Agr. de France. Compt. Rend. 30: 262-263. May 10/17, 1944. 14 P215Bc

21727 \*DOMINICIS, A. DE. Contributo alla conoscenza dei terreni olivati italiani. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 202-208. Roma, 1940. 94.72 C7682

21728 EVERETT, T. H. Get your indoor soil indoors. Home Gard. 6(3): 43-44. Sept. 1945. 80 H756

Preparation of soils for potted plants.

21729 FOWELLS, H. A., and KIRK, B. M. Availability of soil moisture to ponderosa pine. J. Forestry 43: 601-604. Aug. 1945. 99.8 F768

21730 \*MUKERJI, B. K., AGARWAL, R. R., and MUKERJI, S. K. Soil classification for sugar-cane cultivation in Gorakhpur District. (Sum.) Indian Sugar 8: 185-186. June 1945. 65.8 In25

21731 \*NAMBIAR, K. The deleterious after-effects of sorghum -- a review. Madras Agr. J. 30: 287-291. Sept. 1942. Ref. 22 M262

Effects on the soil and succeeding crops.

21732 STUCKEY, H. P. Pecans require good land well fertilized. Farm for Victory, No. 19, p. 10-11. Aug. 1945. 281.8 F226

21733 WIATT, F. A. Fifteen years experiments on the gray wooded soils of Alberta. Sci. Agr. 25: 626-635. June 1945. 7 Sc12

Cultural experiments with field crops.

#### Soil Genesis, Formation, Classification, and Mapping

21734 BEAUMONT, A. B. Geological formations important as parent rock material for Massachusetts soils. Mass. State Col. Ext. Soil Auger, Sept. 8, 1945, p. 5-7, processed. 275.29 M3818o

21735 \*JORET, G., and MALTERRE, H. Carte des sols du département de la Somme. Acad. d'Agr. de France. Compt. Rend. 30: 72-74. Jan. 26/Feb. 2, 1944. 14 P215Bc



21736 \*JORET, G., and MALTERRE, H. La Picardie, unité agrologique et agronomique. Acad. d'Agr. de France. Compt. Rend. 26: 154-156. Jan. 21/28, 1942. 14 P215Bc  
Soils of Picardy.

21737 \*MALTERRE, H. Observations sur les sols noirs de Limagne. Acad. d'Agr. de France. Compt. Rend. 26: 873-877. Nov. 13/20, 1940. 14 P215Bc

#### SOIL MANAGEMENT

21738 AMARAL, A. A. Restauração dos cafeais pela humificação do solo e pela irrigação com o aproveitamento das águas pluvias. Rev. Rural Bras. 25(298): 19-23. June 1945. 9.2 B733

21739 BENNETT, H. E. Conservation farming - safe farming. Farm Safety Rev. 3(5): 4-7. Sept./Oct. 1945. 449.8 F22

21740 CAMPBELL, D. A. Tackling high country problem land at Molesworth. New Zeal. Soil Conserv. and Rivers Control Council. B. 2, 20 p. Wellington, 1945. 56.9 N49

Soil mismanagement, erosion, and rehabilitation.

21741 HOEKZEMA, J. P. Proper land use obligation of every U. S. farmer. Farmers Guide 101(18): 20. Sept. 15, 1945. 6 In2

Conservation farming.

21742 KILLIAN, C. Irrigation and manuring of cultivated soils and natural humification in the Sahara. Empire J. Expt. Agr. 13: 135-140. July 1945. 10 Em7

21743 MATLOCK, R. L. Take care of your land. Ariz. Farmer 24(17): 30, 34. Sept. 8, 1945. 6 Ar44

21744 MELLO, P. S. Restauração dos cafeais. III. Brazil. Dept. Nac. do Café. D N C 13: 645-648. May 1945. 286.83 D44

Soil management on coffee plantations.

21745 RECK, S. H. Grass grows under his feet and how the cows like it. N. J. Farm and Gard. 16 (9): 16-17. Sept. 1945. 6 G162

Conservation farming.

21746 SEAMAN, G. L. State farms change their ways. Soil Conserv. 11: 51-54. Sept. 1945. 1.6 So3S

Conservation farming at State institutional farms in Ohio.

21747 TOMLINSON, B. From scrub to broccoli on Cape Cod. Better Crops with Plant Food 29(7): 17-20, 41. Aug./Sept. 1945. 6 B46

Soil management practices.

21748 WEBB, G. Anne and her father have their sights set high this year. South. Stockman 5(9): 26. Sept. 1945. 49 So83

Conservation farming.

21749 WEBB, G. Sylvania community's great comeback. Prog. Farmer, Miss.-Ark.-La. Ed. 60(10): 14-15, 23. Oct. 1945. 6 So81

Conservation farming and its results in community welfare.

#### Soil Fertility

21750 \*A., L. Vor der neusaat erst die düngung. Landesbauernschaft Moselland. Wchnbl., No. 33, p. 430. Aug. 14, 1943. 18 L2328

21751 ASKEW, H. D. Orchard cover crop; value of blue lupin. Orchardist New Zeal. 18(7): 5. July 5, 1945. 80 Or19

21752 \*B. Zum kapitel: düngung unserer topfpflanzen. Blumen- u. Pflanzenbau ver. mit Gartenwelt 48: 150-151. (To be cont.) June 23, 1944. 80 G196

21753 \*BASU, J. K., and ROSARIO, C. Soils of the Deccan canals. VI. Studies in availability of nitrogen in farmyard manure and sulphate of ammonia when applied to various soil types. Indian J. Agr. Sci. 14: 101-109. Apr. 1944. 22 Ag83I

21754 BEAUMONT, A. B. Now is the time. Mass. State Col. Ext. Soil Auger, Sept. 8, 1945, p. 1, processed. 275.29 M381So

Winter cover crops for the garden.

21755 BORDELEAU, R. Tobacco seedbed fertilization. Canada. Expt. Farms. Tobacco Div. Lighter 15(3): 12-19, processed. Aug. 1945. 286.89 C16

21756 BOYLE, R. A. Fertilizer usage in Australia in fact and fancy. Austral. Inst. Agr. Sci. J. 11: 82-89. June 1945. 23 Au74

21757 \*BROT, R. Applications pratiques d'engrais liquides en arboriculture fruitière. Rev. Hort. Suisse 18: 131-133. June 1945. 80 R3212

21758 \*BURGEVIN, H. La fumure du blé. Rev. des Agr. de France 73: 194-196. July 1941. 14 R325

21759 \*BURGEVIN, H. Observations agronomiques sur la fumure des céréales. II. - Fumure des céréales secondaires. Acad. d'Agr. de France. Compt. Rend. 27: 626-630. June 4/11, 1941. 14 P215Bc

21760 BUTLER, E. Ellis County, Texas' biggest Hubam clover patch. Prog. Farmer, Tex. Ed. 60(10): 15, 66. Oct. 1945. 6 T311

Importance of Hubam clover in soil improvement and conservation.

21761 CHADWICK, L. C. Fertilizers' action in the soil. Pt. I. Amer. Nurseryman 82(6): 7-8, 29-32. (Cont.) Sept. 15, 1945. 80 Am371

21762 \*CHAMINADE, R. Sur le rôle de la fertilisation en culture maraîchère. Acad. d'Agr. de France. Compt. Rend. 27: 237-243. Feb. 19/26, 1941. 14 P215Bc

Observations by MM. A. Demolon and Cassez.

21763 CHAPMAN, C. J. Next year's yields. Wis. Agr. and Farmer 72(17): 16-17. Sept. 1, 1945. 6 W751

Use of fertilizers in the fall.

21764 CHAPMAN, C. J. Results of 1945 fertilizer demonstrations on small grain and hay. Amer. Fert. 103(6): 9-10. Sept. 22, 1945. 57.8 Am3

21765 DAVIS, J. F. A method for estimating the weight of roots of green manure crops. Amer. Soc. Agron. J. 37: 661-662. Aug. 1945. 4 Am34P

21766 \*DEMOLON, A. La fertilisation du sol. Acad. d'Agr. de France. Compt. Rend. 27: 855-856. Oct. 8, 1941. 14 P215Bc

21767 \*DEMOLON, A., and BURGEVIN, H. Principes à observer en cas de pénurie d'engrais minéraux. Acad. d'Agr. de France. Compt. Rend. 26: 709-716. Oct. 2/16, 1940. 14 P215Bc

21768 \*DEMOLON, A. Recherches sur la fertilisation effectuées en 1940 par les stations agronomiques. Acad. d'Agr. de France. Compt. Rend. 27: 613-617. June 4/11, 1941. 14 P215Bc

Observation by Mr. Guillemot.

21769 \*DUNKER. Der herbst ist günstig zum kalcken! Landesbauernschaft Moselland. Wchnbl., No. 33, p. 431. Aug. 14, 1943. 18 L2328

21770 \*DUNKER. Die sommerdüngung des grünlandes. Landesbauernschaft Moselland. Wchnbl., No. 23, p. 334; No. 26, p. 371. June 5, 26, 1943. 18 L2328

21771 \*EKSTEEN, L. L. Fertilizing of maize. Experimental results on the sandy soils of the north-western Free State. Farming in So. Africa 20: 357-360, 384. June 1945. 24 So842

21772 ELCOCK, H. Plant food requirements [of various crops]. Sugar Beet 5(4): 28. Sept. 1945. 66.8 Su34B

21773 \*ENGELS, O. Der zweck der kalkdüngung. Landesbauernschaft Moselland. Wchnbl., No. 29/30, p. 393. July 24, 1943. 18 L2328

21774 ENSMINGER, L. E. Phosphate legumes. This Month in Rural Ala., Sept. 1945, p. 2. 6 T34  
Need of legumes for phosphate fertilizers.



- 21778 \*GALLÉS, P. Faits et impressions. Prog. Agr. et Vitic. 122: 31-34. Feb. 4/11, 1945. 14 P94  
Fertilizer experiments on grapes in France.
- 21776 \*GAROLA, J. La culture du blé en 1941 en Beauce. Observations sur l'action de l'azote. Acad. d'Agr. de France. Compt. Rend. 27: 857-860. Oct. 8, 1941. 14 P215Bc  
Observations relatives au maintien de la production végétale. Acad. d'Agr. de France. Compt. Rend. 29: 176-178. Mar. 17/24, 1943. 14 P215Bc  
Fertilizer use, soil improvement, and rotation of crops.
- 21778 GAYAN S., C. Fertilización de hortalizas de invierno. Agrario 8(340): 5. June 1944. 9.3 Ag85  
Some notes on soil fertility with particular reference to African farmers. East African Agr. J. 11(1): 3-9. July 1945. 24 Ea74  
Discussion, by W. S. Martin, p. 9-11.
- 21780 GREEN, J. The response of individual plants and of individual crops to phosphate fertilizers. Fert., Feed. Stuffs and Farm Supplies J. 31: 511, 513. Aug. 29, 1945. 57.8 F413  
Fertilizing young tung trees. Com. Fert. 71(2): 17, 36. Aug. 1945. 57.8 G73
- 21782 GUILLERMO PALMIERI, F. Por qué debemos abonar. Asoc. Gen. de Agr. [Guatemala]. B. 16, p. 3 July 19, 1945. 8 As52  
Fertilizing coffee trees.
- 21783 \*GUINAUDEAU, J. Une expérience d'emploi d'engrais sur plantations forestières. Rev. des Eaux et Forêts 83: 343-351. June 1945. 99.8 R322
- 21784 HALL, E. E. Nitrogen essential in cotton production. Farm for Victory, No. 19, p. 5-6. Aug. 1945. 281.8 F226
- 21785 HALL, T. D. Residual effects of fertilizers on veld hay. So. African J. Sci. 41: 194-203. 1945. 515 So84
- 21786 HOOVER, C. D. Mississippi "ups" nitrogen to set record cotton yield. Farm for Victory, No. 19, p. 10. Aug. 1945. 281.8 F226
- 21787 HOWARD, SIR A. Nutrition and health. Organic Gard. 7(5): 8-10. Oct. 1945. 56.8 Or3  
Organic fertilizers increase soil fertility and improve nutrition and health of man.
- 21788 HUTCHESON, T. B. You can't get blood out of a turnip. South. Planter 106(9): 12. Sept. 1945. 6 So89  
Infertile soils are unproductive.
- 21789 INGHAM, A. G. June pasture in December. Hoard's Dairyman 90: 473. Sept. 10, 1945. 44.8 H65  
Results of fertilizing pastures.
- 21790 \*JORET, G., and MALTERRE, H. Fertilité des limons du Vimeu. Acad. d'Agr. de France. Compt. Rend. 26: 1037-1040. Dec. 11/18, 1940. 14 P215Bc
- 21791 \*KHAN, A. R., and BHATNAGAR, M. P. The effect of some nitrogenous fertilizers on the yield of paddy. Indian Farming 6: 266-268. June 1945. 22 In283
- 21792 \*LAVOLLAY, J. Modes d'expression de l'activité des éléments chimiques nécessaires à la nutrition végétale. Coefficients d'utilité spécifique et coefficients d'action. Acad. d'Agr. de France. Compt. Rend. 28: 350-353. Mar. 18/25, 1942. 14 P215Bc
- 21793 LUSH, R. H. Apply fertilizer in the fall. Hoard's Dairyman 90: 491. Sept. 10, 1945. 44.8 H65
- 21794 MERKLE, F. G. Future possibilities in use of fertilizer in Pennsylvania. Farm for Victory, No. 19, p. 8-9. Aug. 1945. 281.8 F226
- 21795 MILLER, M. Organic matter, the key to soil fertility. Irrig. Farmer 3(5): 1, 2, 8. Sept. 6, 1945. 55.8 Ir78
- 21796 MURPHY, H. F. Fertilizing wheat for yield and quality. Com. Fert. 71(2): 18-19, 32-33, 39, 41-42. (Cont.) Aug. 1945. 57.8 G73  
Concluded in September issue, p. 16-17, 32, 34-35.
- 21797 NELSON, W. L., and COLWELL, W. E. Fertilizing for better soybeans in North Carolina. Better Crops with Plant Food 29(7): 22-26, 45-48. Aug./Sept. 1945. 6 B46
- 21798 \*NIEHAUS, P. Pflanzenschutz im garten steigert die erträge. Landesbauernschaft Moselland. Wchnbl., No. 13, p. 153. Mar. 25, 1944. 18 L2328
- 21799 NORRIS, R. E. Many factors involved in efficient fertilization of citrus. Farm for Victory, No. 19, p. 6-7. Aug. 1945. 281.8 F226
- 21800 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The manuring of vegetables. North. Ireland. Min. Agr. Leaflet 112, 4 p. Stormont, 1944. 10 N81
- 21801 OLSEN, C. B. Troubled with skinny soil? Hawaii Farm and Home 8(9): 26. Sept. 1945. 25 H3191  
Increasing soil fertility by use of green manure crops.
- 21802 \*PARR, C. H., and BOSE, R. D. Phosphate manuring of legumes - II. Indian Farming 6: 201-208. May 1945. 22 In283
- 21803 PESSÔA, M. N. R. Dados gerais e observações sobre o experimento de cana de açúcar no Engenho Cedro Da Usina Bom Jesus, Cabo - Pernambuco. Pernambuco. Sec. de Agr., Indús., e Com. B. 12(1): 49-54. Jan./Mar. 1945. 9.2 P423  
Results of fertilizer experiments.
- 21804 \*POPP, F. Ertrags-weinbau. Landesbauernschaft Moselland. Wchnbl., No. 24, p. 259. June 10, 1944. 18 L2328  
Fertilizers for grapevines.
- 21805 \*POPP, F. Humusdünger für den weinberg. Landesbauernschaft Moselland. Wchnbl., No. 1, p. 9. Jan. 2, 1943. 18 L2328
- 21806 REBOUR, H. La fumure au pal. Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 102-103. May 1945. 80 F9482
- 21807 ROCKWELL, B. A. Plow-under practices. Better Crops with Plant Food 29(7): 6-10, 44-45. Aug./Sept. 1945. 6 B46  
Flowing under of green manure crops and fertilizers.
- 21808 \*SAVASTANO, G. Sperimentazione e concimazione dell'olivo. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 17-32. Roma, 1940. 94.72 G7682
- 21809 SCHARFF, J. Time to seed fall cover crops. Calif. Cult. 92: 482-483. Sept. 15, 1945. 6 C12
- 21810 SEATH, D. M. Fertilization increases minerals and protein from pastures. Farm for Victory, No. 19, p. 5. Aug. 1945. 281.8 F226
- 21811 SNIDER, H. J. Best meat is produced on most fertile soils. Natl. Live Stock Prod. 23(11): 15, 18. Sept. 1945. 280.38 N21
- 21812 SPRAGUE, H. B. Organic material for soil improvement. Greenkeepers' Rptr. 13(4): 14, 32. July/Aug. 1945. 60.18 G83
- 21813 STABLER, S. Fertilizer treatments on corn. Md. Agr. Soc.-Md. Farm Bur. Rpt. (1944) 29: 156-160. 1945. 4 M366
- 21814 STEWART, T. G. Fertile acres make profitable farms. Irrig. Farmer 3(6): 1, 7. Oct. 4, 1945. 55.8 Ir78
- 21815 STOKES, W. E. Cover crops for soil enrichment. Citrus Indus. 26(9): 12-13. Sept. 1945. 80 C49
- 21816 SWEETSER, G. A. Soils and fertilizers for roses. N. Y. Bot. Gard. J. 46: 199-203. Aug. 1945. 451 N48J
- 21817 TAYLOR, C. R. Topdressing; results of trials in Rotura district. New Zeal. J. Agr. 70: 565-569, 571-572. June 15, 1945. 23 N48J



- 21818 \*TELLE. Richtige pflegearbeiten bringen hohe kartoffelerträge. Landesbauernschaft Moselland. Wchnbl., No. 24, p. 255. June 10, 1944. 18 L2328  
Cultivation and fertilizing of potatoes.
- 21819 THOMAS, R. P. Influence of fertilizer on crop yields at different lime levels. Md. Agr. Soc.-Md. Farm Bur. Rpt. (1944) 29: 152-156. 1945. 4 M366
- 21820 THROCKMORTON, R. I. Grass seed production requires nitrogen. Farm for Victory, No. 19, p. 4-5. Aug. 1945. 281.8 F226
- 21821 \*TÜLLMANN. Die verbesserung des futterbaues, eine dringende massnahme der erzeugungsschlacht Landesbauernschaft Moselland. Wchnbl., No. 1, p. 6. Jan. 2, 1943. 18 L2328  
Fertilizing to increase forage production.
- 21822 \*VINET, E. Sur les effets de la fumure au cours du temps. Suspension et reprise de fumure sur la vigne. Acad. d'Agr. de France. Compt. Rend. 27: 904-915. Oct. 15/22, 1941. 14 P215Bc
- 21823 WILLCOX, O. W. Yield-depression effect of fertilizers and its measurement: III. Agrobiological analysis of certain multiple-factor field tests showing depression by nitrogen. Amer. Soc. Agron. J. 37: 622-634. Aug. 1945. 4 Am34P
- Soil Tilth and Tillage
- 21824 BATES, E. M. Winter tillage for spring cropping. New Zeal. J. Agr. 70: 640. June 15, 1945. 23 M48J
- 21825 BURVILL, G. H. Changing ideas in soil cultivation. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 3-10. Mar. 1945. 23 W52J
- 21826 \*CILLIS, E. DE. A proposito di "aridocoltura." Agr. Colon. 37: 29-31. Feb. 1943. 26 Ag82
- 21827 \*CILLIS, E. DE. Lavorazione del terreno nell'oliveto. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 5-11. Roma, 1940. 94.72 C7682
- 21828 GISBORNE, J. H. Use of ploughs in mixed farming. Farm and Forest 6(1): 20. Jan./Mar. 1945. 24 F226
- 21829 HELLINGS, M. L. Good results from mulching. Horticulture 23: 419. Sept. 15, 1945. 80 E787
- 21830 KING, F. C. Is annual digging folly? Field 186(4829): 31. July 14, 1945. 10 F45  
Recommends mulching instead of digging in the preparation of garden soils.
- 21831 KRIMGOLD, D. B. Planting winter wheat and rye in unplowed stubble. Amer. Soc. Agron. J. 37: 655-660. Aug. 1945. 4 Am34P  
Excerpts from a translation of an article in Russian by T. Lysenko.
- 21832 LESPÉRANCE, R. Témoignages sur les bons effets du "guéret d'été." Terre de Chez Nous 17(46, 1. e. 45): 10, 19. Aug. 15, 1945. 7 T27
- 21833 MCCLYMONDS, A. E. Subsurface tillage wins for Sibbernson. Soil Conserv. 11: 66-68. Sept. 1945. 1.6 S038
- 21834 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Allotments - preparation of the ground. North. Ireland. Min. Agr. Allot. Leaflet 1, 4 p. Belfast, 1941. 84 N812  
Preparation and fertilizing of the ground.
- 21835 \*PANTANELLI, E. Xerofilia e aridocoltura. Agr. Colon. 36: 303-306. Nov. 1942. 26 Ag82
- 21836 RUSSELL, E. W. Cultural functions of plough and hoe; methods that might lessen the number of cultivations needed to keep the land in good heart. Farmer's Weekly Bloemfontein, 69: 1150-1151. Aug. 15, 1945. 24 F225
- 21837 \*SINGH, D., and NIJHAWAN, S. D. A critical study of the effect of soil mulch on conservation of soil moisture. Indian J. Agr. Sci. 14: 124-137. Apr. 1944. 22 Ag831
- 21838 \*STENKHOFF. Denk nach auch über die bodenbearbeitung! Landesbauernschaft Moselland. Wchnbl., No. 11, p. 125-126; No. 12, p. 138-139. Mar. 11, 18, 1944. 18 L2328
- 21839 \*U. Wie soll im frühjahr der Mosellandbauer seinen boden bearbeiten? Landesbauernschaft Moselland. Wchnbl., No. 10, p. 161. Mar. 6, 1943. 18 L2328
- 21840 \*VITALI, G. Il problema delle lavorazioni nell'Africa Italiana. Agr. Colon. 35: 320-327. Aug. 1941. 26 Ag82
- 21841 \*WETZEL. Die erdbeeranlage nach der ernte. Deut. Obstbau 59: 105-106. June 1944. 80 M73A  
Tillage of the soil.
- Drainage, Irrigation, Water Supply, and Flood Control
- 21842 AIRD, J. A. Efficiency in use and control of irrigation water. Victoria. Dept. Agr. J. 43: 285-288. July 1945. 23 V66J
- 21843 \*BADIA, V. El agua que hay en los pantanos que sirven a la provincia de Valencia. Agr. Levantino 11(123): 10-11. Feb. 15, 1945. 15 Ag85  
Water supply for irrigation.
- 21844 BARTELS, L. C. Grading land for irrigation. Victoria. Dept. Agr. J. 43: 321-327. Aug. 1945. 23 V66J
- 21845 BEAUMONT, A. B. The Hancock flood in Massachusetts, 1945. Mass. State Col. Ext. Soil Auger, Sept. 8, 1945, p. 4, processed. 275.29 M381So
- 21846 BODE, I. T. Wildlife stake in flood control planning. Mo. Conserv. 6(9): 1-3. Sept. 1945. 279.8 M69
- 21847 \*BOISCHOT, P., and DROUINEAU, G. Sur un cas d'effet dépressif produit sur la végétation par des eaux d'irrigation magnésiennes. Acad. d'Agr. de France. Compt. Rend. 27: 36-42. Jan. 8/15, 1941. 14 P215Bc
- 21848 BOUQUET, A. G. B. Irrigation - the backbone of western farming. Market Growers J. 74(9): 5. 33. Sept. 1945. 6 M34
- 21849 BREWSTER, F. H. Tie-up between irrigation and fodder conservation. Farmer and Settler 40(23): 10. July 6, 1945. 23 F226  
Australia.
- 21850 BRICHET, J. Le problème de l'irrigation des orangeries adultes. Fruits et Primeurs de l'Afrique du Nord 15: 148-150. July/Aug. 1945. 80 F9482
- 21851 BROHARD, E. Notes on conservation. Farm and Dairy 31, 1. e. 32(51, 1. e. 1): 6. Sept. 14, 1945. 6 F2279  
Farm ponds.
- 21852 CALDER, G. G. Irrigation practices. New Zeal. J. Agr. 71(1): 23-31, 33-36. July 16, 1945. 23 N48J
- 21853 CENTRAL NEBRASKA PUBLIC POWER AND IRRIGATION DISTRICT. Comparisons show irrigation benefits in Nebraska. Irrig. Farmer 3(5): 1, 8. Sept. 6, 1945. 55.8 Ir78
- 21854 CRIBB, A. Farm pond good insurance. Ohio Farmer 196(6): 3. Sept. 15, 1945. 6 Oh3
- 21855 DE LA VEGA, R. Hidrología forestal; la técnica silvícola en la irrigación de nuestro país. Mex. Dir. Gen. Forest. y de Casa. B. 5(1): 4-6. Jan./June 1944. 99.9 M574
- 21856 DICKSON, W. When the well goes dry. Farmer's Advocate and Home Mag. 80: 628, 667. Sept. 13, 1945. 7 F22  
Farm ponds in Canada.
- 21857 DUNN, G. E. Spray irrigation means bigger farm return. Farmer and Settler 40(25): 10. July 20, 1945. 23 F226



- 21858 ELLIS, F. E. Holding back the Thames; man-made lakes will help guard London [Ontario] from floods; farmers will benefit from conservation surveys. Family Herald and Weekly Star 76(33): 3. Aug. 15, 1945. 7 F21
- 21859 EMERSON, A. W. Irrigation tubes and soil conservation. Mod. Plastics 23(1): 190, 192. Sept. 1945. 309.8 P69  
Plastic siphon tubes for use in irrigation.
- 21860 ERLIJMAN, M. El problema del aumento de la producción en Cuyo. Como resolverlo en estos momentos? Rev. Mens. B. A. P. 28(331): 9-11, 13-15, 17, 19, 21-23. June 1945. 9 R326  
Salinization of land through the use of irrigation water.
- 21861 FIREMAN, M., and MAGISTAD, O. C. Permeability of five western soils as affected by the percentage of sodium of the irrigation-water. Amer. Geophys. Union. Trans. (1945) 26: 91-94. 330.9 Am3
- 21862 FRAME, S. H. Accuracy of forecasts of runoff for Columbia, Kootenay, and Okanagan Basins and the coastal belt adjacent to Vancouver for 1944. Amer. Geophys. Union. Trans. (1945) 26: 135-136. 330.9 Am3
- 21863 \*GRANDE COVIAN, R. La marisma del Guadalquivir. Agricultura [Madrid]. Sup. de Colon., No. 3, p. 17-24. (Concl.) May 1945. 15 Ag84B  
The soils of a tidal lake and marsh area, and how to utilize them effectively. Suggests fertilization, drainage, and use of plants adapted to the soils.
- 21864 \*GRUNERT, G. Betrachtungen zum bewässern im freiland. Blumen- u. Pflanzenbau ver. mit Gartenwelt 48: 145-146. June 23, 1945. 80 G196  
Irrigation in vegetable culture.
- 21865 HART, R. A. Need for drainage of irrigated land. Irrig. Farmer 3(5): 3, 5, 10-11. Sept. 6, 1945. 55.8 Ir78  
Prevention of waterlogging and accumulation of alkali.
- 21866 HAURY, E. W. Arizona's ancient irrigation builders. Amer. Mus. Nat. Hist. Nat. Hist. 54: 300-310, 335. Sept. 1945. 500 N483J  
Archaeology of the Hohokam Indians, including their developments in irrigation.
- 21867 HORTON, R. E. Infiltration and runoff during the snow-melting season, with forest-cover. Amer. Geophys. Union. Trans. (1945) 26: 59-68. 330.9 Am3
- 21868 \*KREMENTSKII, N. Oroschaemye uchastki [Irrigated plots]. Kolkhoz. Proizvod. 5(3): 25-27. Mar. 1945. 281.8 K83
- 21869 LAWRENCE, J. E. Changing river valley. Irrig. Farmer 3(6): 1, 11. Oct. 4, 1945. 55.8 Ir78  
Water conservation and irrigation in the Platte River Valley.
- 21870 MCILLWRAITH, J. F. The determination of stormwater run-offs. Inst. Engin. Austral. J. 17: 106-116. June 1945. 290.9 In75
- 21871 MEINZER, O. E., WENZEL, L. K., and others. Water levels and artesian pressure in observation wells in the United States in 1943. Pt. 2, South-eastern States. U. S. Geol. Survey. Water-Supply Paper 987, 191 p. Washington, 1945. 407 G29W
- 21872 \*MICHELI, A. Considerazioni sull'impiego delle acque salmastre nelle irrigazioni in Cirenaica. Agr. Colon. 38: 56-61. Apr./June 1944. 26 Ag82
- 21873 NEW SOUTH WALES. WATER CONSERVATION AND IRRIGATION COMMISSION. Extract from the annual report, year ended 30th June, 1943. 6 p., processed. Sydney, 1943? 55.9 N472
- 21874 \*POPOV, K. Gotov'tes' k propusku vesennikh vod! Kolkhoz. Proizvod. 5(1/2): 28-29. Jan./Feb. 1945. 281.8 K83  
Control of springtime floods and runoff on collective farms.
- 21875 POST, K. Automatic watering modified. Florists' Exch. 105(9): 15, 17, 27. Sept. 1, 1945. 80 F666  
System of watering plant beds in greenhouses.
- 21876 REID, L. E. Ditches that carry off the water. Farm and Ranch 64(9): 10-11. Sept. 1945. 6 T31  
Drainage in Louisiana.
- 21877 ROHWER, C., and LEWIS, M. R. Construction of small pumping plants. Irrig. Farmer 3(6): 3, 6, 9. Oct. 4, 1945. 55.8 Ir78  
Considerations basic to construction and use of pumping plants for irrigation.
- 21878 ROSENSTRAUCH, F. J. Prospective irrigation farmers. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 145, 2 p. Pretoria, 1945. 24 So82Pa
- 21879 SCHRADER, F. F. Notable local floods of 1939. Part 2. Flood of July 5, 1939 in eastern Kentucky. U. S. Geol. Survey. Water-Supply Paper 967-B, 59 p. Washington, 1945. 407 G29W
- 21880 SCHWENDEMAN, J. R. Water supply and progress in the Red River Basin [Minnesota]. Econ. Geog. 21: 286-307. Oct. 1945. 278.8 Ec7
- 21881 SIMONNEAU, P. Observations sur l'action de l'excès d'eau sur les plantes cultivées dans la région irrigable de la Mina (Oranie). Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 96-98. May 1945. 80 F9482
- 21882 SMITH, G. E. P. Arizona reclamation limits. West. Construct. News 20(8): 104-107. Aug. 1945. 290.8 W522  
Effects of the water treaty with Mexico on the supply of water for irrigation in Arizona.
- 21883 THOMAS, G. Irrigation at Condobolin. Country Life [Sydney] 57(6): 4. Aug. 10, 1945. 286.85 Sy2
- 21884 \*THOMAS, J. Quelques données sur les problèmes d'irrigation. Génie Rural et Elect. Rurale 38(7/8): 5-6, 7. July/Aug. 1945. 58.8 Au8
- 21885 VARELA MARTINEZ, R. El agua y la agricultura en el valle del Cauca. Rev. Nac. de Agr. [Bogotá] 39(487): 15. Mar. 1945. 9.4 R32
- 21886 WEBB, G. Through a combination of irrigation and drainage, South Carolina truck farmers are beating the weather man. South. Agr. 75(9): 8-9, 26. Sept. 1945. 6 So83
- 21887 ZIEMER, G. L. Conservation factors in flood control planning. Agr. Engin. 26: 372-374, 376, 378. Sept. 1945. 58.8 Ag83

#### Erosion and Erosion Control

- 21888 ANDERSON, T. C. Montana soil conservation districts. Mont. Farmer 33(2): 6. Sept. 15, 1945. 6 M764
- 21889 BALL, H. K. Conservation activity. N. Mex. Agr. Col. Ext. News 25(8): 5. Aug. 1945. 275.29 N463Ex  
Soil conservation work in New Mexico.
- 21890 BEAUMONT, A. B. Soil conservation in the orchard. Mass. State Col. Ext. Fruit Notes, Aug. 31, 1945, p. 1-2, processed. 275.29 M381Fr
- 21891 BLIVEN, B. The TVA rescues the farmer. New Repub. 113: 312-314. Sept. 10, 1945. 280.8 N  
Account of the soil conservation and agricultural improvement work of the Tennessee Valley Authority. Second of three articles.
- 21892 BUIE, T. S. Why banks want soil conservation. Soil Conserv. 11: 68-70. Sept. 1945. 1.6 So3S
- 21893 CAMPBELL, D. A. Our N. Z. soil is in jeopardy. New Zeal. Dairy Exporter 20(12): 9-11. Aug. 1945. 44.8 N484  
Soil erosion in New Zealand.



- 21894 \*CHAPTAL, L., and RENAUD, P. Un essai de protection contre l'érosion du sol d'une plantation d'oliviers. Acad. d'Agr. de France. Compt. Rend. 28: 497-499. July 1/8, 1942. 14 P215Bc
- 21895 CHRISTENSON, C. M. Run-off losses can be reduced by contour cultivation. Impl. & Tractor 60(17): 26-28, 38. Aug. 25, 1945. 58.8 W41
- 21896 FLETCHER, H. C. Soil Conservation Service seeks to remedy misuse and wasting of land. Utah Farmer 65(2): 10. Aug. 15, 1945. 6 D45
- 21897 \*GIACOPINO, S. La sistemazione integrale del bacino del fiume Gela. Riv. Forest. Ital. 3: 98-106. Mar. 1941. 99.8 B522
- Reforestation to control soil erosion, irrigation, and water control in the basin of the Gela River.
- 21898 GLOVER, SIR H. Soil erosion in India. Oxford Pams. Indian Aff. 23, 31 p. London, Oxford University Press, 1944. 56.7 G512
- 21899 GOODPASTURE, M. O. Dam building and farm terracing with highway equipment. Pub. Works 76(9): 50, 52. Sept. 1945. 290.8 M922
- 21900 \*GUILLOCHON, L. L'érosion et le ravinement des terres en Tunisie. Acad. d'Agr. de France. Compt. Rend. 28: 411-413. Apr. 29/May 6, 1942. 14 P215Bc
- Observations by F. Boeuf and A. Demolon.
- 21901 \*R., P. C. Las plantas silvestres contribuyen a la conservación del mantillo. Agr. Levantino 10(119): 4-6. Oct. 1944. 15 Ag85
- Plant breeding for soil conservation in the United States.
- 21902 HERRIOT, R. I. Raindrops. So. Austral. Dept. Agr. J. 48: 443-445. June 1945. 23 So84
- Splash erosion caused by raindrops.
- 21903 HERRIOT, R. I. Soil erosion in relation to the construction and maintenance of roads. So. Austral. Dept. Agr. J. 48: 507-511. July 1945. 23 So84
- 21904 JONES, R. W. Defends good plow-built terraces. Agr. Engin. 26: 366. Sept. 1945. 58.8 Ag83
- 21905 KING, N. "First things - ." Hawaii Farm and Home 8(8): 4. Aug. 1945. 25 H3191
- Soil conservation in Hawaii.
- 21906 \*LARUE, P. Contre l'érosion des pentes cultées à niveau. Rev. des Agr. de France 73: 264. Sept. 1941. 14 R325
- Contour farming and strip cropping to prevent erosion on sloping land.
- 21907 MCKINSTREY, A. 4-H soil conservation tour. Mass. State Col. Ext. Soil Auger, Sept. 8, 1945, p. 3, processed. 275.29 M3818o
- 21908 MALKIN, G. F. Soil - the larder of life. Canad. Nature 7: 116-118. Sept./Oct. 1945. 410 C162
- Importance of the soil and need for conserving it.
- 21909 MAXWELL, D. L. Alabama's terrace control program. Harvester World 36(5): 3-5. May 1945. 58.8 H26
- 21910 PALMER, A. E. Cultural practice for the control of wind erosion of soils in western Canada. Empire J. Expt. Agr. 13: 125-134. July 1945. 10 Em7
- 21911 ROTHBERG, M. The sociology of soil conservation in the United States. Austral. Inst. Agr. Sci. J. 11: 53-63. June 1945. 23 An74
- 21912 RUFF, A. F. Negroes make good soil conservationists. Soil Conserv. 11: 60-62, 70. Sept. 1945. 1.6 So38
- 21913 SEVERSON, H. Face-lifting the Piedmont; terracing, crop rotations and fertilizers are erasing marks of soil erosion from the face of a ravaged land. South. Agr. 75(9): 9, 38-39. Sept. 1945. 6 So83
- 21914 SILVA, J. L. E. A erosão. Pernambuco. Sec. de Agr., Indús., e Com. B. 12(1): 30-41. Jan./Mar. 1945. 9.2 P423
- 21915 SIMMONS, C. San Gorgonio Pass conserves. Pacific Rural Press, South. Ed. 150: 174. Sept. 15, 1945. 6 P112A
- Soil conservation.
- 21916 \*STAPLEDON, R. G. Preserving the good earth: anti-erosion measures. Madras Agr. J. 32: 155-156. May/July 1944. 22 M262
- 21917 STEELE, J. M. Plow-built terraces. Agr. Engin. 26: 365-366. Sept. 1945. 58.8 Ag83
- 21918 SURVANT, W. G. Effect of contour cultivation on crop yield, run-off and erosion losses. Ky. Agr. Col. Ext. Timely Notes on Soils and Crops, Aug. 1945, p. 38-39, processed. 275.29 K415T
- 21919 THIES, W. H. Conserving the orchard soil. Mass. State Col. Ext. Soil Auger, Sept. 8, 1945, p. 2, processed. 275.29 M3818o
- 21920 THOMAS, R. De la dégradation du sol, de la nécessité de sa conservation et de la possibilité d'une certaine régénération. B. Agr. du Congo Belge 32: 714-755. Dec. 1941. 24 K83
- 21921 THOMAS, R. G., and ANDREW, W. D. Soil conservation competition in the Goulburn catchment area. Victoria. Dept. Agr. J. 43: 291-298, 317-320. July 1945. 23 V66J
- 21922 VARELA L., G. Conservación de los suelos. Rev. Agr. y Ganad. 7, i. e. 8(92): 29. May/June 1945. 9.4 R327
- 21923 VILA CAMACHO, A. La defensa de los suelos. Rev. Nac. de Agr. [Bogotá] 39(488): 23. Apr./May 1945. 9.4 R32
- Soil erosion in Colombia.
- 21924 WOOLEY, J. C. Stop overfall erosion with structures. Impl. & Tractor 60(18): 41, 68. Sept. 8, 1945. 58.8 W41

#### Sanitation

- 21925 MATSUURA, M., and others. D-D nematode nemesis; this recently discovered fumigant easily controls the tiny, almost invisible eelworms that do so much damage in Hawaii. Hawaii Farm and Home 8(8): 27. Aug. 1945. 25 H3191
- J. S. McFarlane, W. A. Frazier, and J. H. Boyd, joint authors.
- 21926 MORRISON, H. E., MOTE, D. C., and LUNDE, R. N. The use of a "rototiller" for application of soil fumigants. (Sci. note.) J. Econ. Ent. 38: 409. June 1945. 421 J822

#### MATERIALS FOR SOIL IMPROVEMENT

- 21927 BEAR, F. E. Looking ahead with liquid fertilizers. Md. Agr. Soc.-Md. Farm Bur. Rpt. (1944) 29: 174-177. 1945. 4 M366
- 21928 \*ENGELS, O. Wert und Bedeutung der handelsmüsdünger für landwirtschaft und gartenbau. Landesbauernschaft Moselland. Wchnbl., No. 52, p. 656. Dec. 25, 1943. 18 L2328
- 21929 FLORIDA. STATE CHEMIST. Annual report... year ending Dec. 31, 1944. Pt. I. Fertilizers. 89 p. Tallahassee, 1945. 381 F66
- J. J. Taylor, State Chemist.
- 21930 GAYAN S., C. Consideraciones sobre abonos. Campesino [Santiago] 77: 334-335. June 1945. 9.3 Sol2
- 21931 \*LENGLEN. De l'emploi comme engrais ou amendements de certains résidus industriels. Acad. d'Agr. de France. Compt. Rend. 30: 102-105. Feb. 9/16, 1944. 14 P215Bc
- Observations by MM. Caziot and Piettre.
- 21932 PARKER, L. T. A review of fertilizer lawsuits during 1945. Com. Fert. 71(2): 22-23, 26. (Cont.) Aug. 1945. 57.8 C73
- Concluded in September issue, p. 29-30.
- 21933 PITNER, J. B. Nitrogen should be put deep for corn in dry seasons. Farm for Victory, No. 19, p. 7. Aug. 1945. 281.8 F226



21934 \*S., J. Ne confondons pas engrais et amendements. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 3, p. 4. Mar. 1945. 17 J82A

21935 SAURMAN, A. V. Pinellas hand tailors fertilizer. News for Farmer Coops. 12(6): 21. Sept. 1945. 166.2 W47

The Pinellas Growers Association, a fertilizer cooperative, in Florida.

21936 STEWART, A. B., and REITH, J. W. S. Comparisons of broadcast and drill applications of fertilizers. Scot. J. Agr. 25: 167-171. July 1945. 10 Sco828c

21937 WATKINS, W. F. Future use of fertilizers. Land Policy Rev. 8(3): 21-25. Fall 1945. 1 Ec7La  
Fertilizer policy and programs.

21938 WEST VIRGINIA. DEPT. OF AGRICULTURE. Report of inspection work, commercial fertilizers and limes. W. Va. Dept. Agr. B. (n. s.) 40, 8 p. Charleston, 1944. 2 W522

21939 WEST VIRGINIA. DEPT. OF AGRICULTURE. Rules and regulations pertaining to the sale of commercial fertilizer. W. Va. Dept. Agr. B. (n. s.) 43, 11 p. Charleston, 1945. 2 W522

21940 WIGHTMAN, R. Fifteen years of fertilizers. Farmer & Stock-Breeder 69: 1321. Aug. 21, 1945. 10 F228

#### Primary Materials

21941 \*AGERBERG, L. S. Fosfordödslingsförsök i Norrbotten [Fertilization experiments with phosphorus in Norrbotten]. Försök och Forskning 2: 74-75. May 1945. 11 F77

21942 BEREKSHIRE. The garden bonfire. Gard. Illus. 64: 655. Sept. 1945. 80 G169  
Burning rubbish to get ashes for fertilizer.

21943 \*C., V. Une source de potasse à ne plus négliger. Prog. Agr. et Vitic. 120: 266-267. Dec. 19/26, 1943. 14 P94

Glaucinite as a source of potash.

21944 CORRIE, F. E. Some elements of plants and animals. 7-8. Phosphorus in plant nutrition. Fert., Feed. Stuffs and Farm Supplies J. 31: 485, 487; 507, 509-510. Aug. 15-29, 1945. 57.8 F413

21945 \*DEMOLON, A. Enquête sur les répercussions de la réduction des fumures phosphatées. Acad. d'Agr. de France. Compt. Rend. 28: 638-642. Dec. 9/23, 1942. 14 P215Bc

Observation by M. Piettre.

21946 ESPINOZA TORO, R. Fertilización de sementeras en la zona sur. Agrario 9(343): 15, 18. July 31, 1944. 9.3 Ag85

Sodium nitrate as fertilizer for wheat.

21947 \*GAROLA, J. La fumure phosphatée en Beauce. Acad. d'Agr. de France. Compt. Rend. 28: 478-481. July 1/8, 1942. 14 P215Bc

Observation by A. Demolon.

21948 \*JOHN, C. M. Groundnut oil-cake as manure and cattlefeed. Madras Agr. J. 29: 185-189. May 1941. 22 M262

21949 \*JORET, G., and MALTERRE, H. Observations sur l'action de la fumure azotée dans la culture de la pomme de terre. Acad. d'Agr. de France. Compt. Rend. 29: 118-120. Feb. 17/24, 1943. 14 P215Bc

21950 \*JOUIS, E. Valeur fertilisante des cendres des bois de pommier et de poirier. Acad. d'Agr. de France. Compt. Rend. 28: 549-551. Oct. 14/21, 1942. 14 P215Bc

21951 KINNARD, V. Potash situation reverses itself. Dom. Com. 33(9): 27-28. Sept. 1945. 157.54 D713

21952 \*LENGLEN. Le marché de l'azote organique. Acad. d'Agr. de France. Compt. Rend. 28: 121-139. Jan. 21/28, 1942. 14 P215Bc

21953 LERNER, M. More about the ashes. Fert., Feed. Stuffs and Farm Supplies J. 30: 197, 199. Apr. 26, 1944. 57.8 F413

Chemical analysis of ashes.

21954 S., C. G. El salitre conserva la cal de las tierras. Agrario 8(340): 14. June 1944. 9.3 Ag85

21955 SANCHEZ, P. A. Importancia del empleo de los nitratos naturales chilenos en la caña de azúcar. Tierra Libre 9(7): 8-9. July 1945. 8 T443

Sodium and potassium nitrates.

21956 SMITH, B. Treasure in a doorstep. Farmer's Advocate and Home Mag. 80: 614. Aug. 23, 1945. 7 F22

Deposits of phosphate rock on Nauru and Ocean Islands in the south Pacific.

21957 \*VOGLER, J. Sachgemässe düngung mit Thomasmehl in den moselländischen höhengebieten. Landesbauernschaft Moselland. Wehnl., No. 52, p. 657. Dec. 25, 1943. 18 L2328

#### Secondary and Minor Element Materials

21958 CARVALLO DRIEN, G. Papel fisiológico de los elementos menores contenidos en el salitre. Campesino [Santiago] 77: 412-413. July 1945. 9.3 Sol2

21959 \*LAVOLLAY, J. Un essai d'engrais molybdique pour la culture du haricot sur un sol en place. Acad. d'Agr. de France. Compt. Rend. 28: 353-354. Mar. 18/25, 1942. 14 P215Bc

21960 MORAS, M. DE. El valor fertilizante del sodio del salitre. Agrario 9(359): 6, 7. Apr. 16, 1945. 9.3 Ag85

21961 TUSTIN, E. B., JR. Experiments on use of salt as fertilizer show favorable results. Feed Bag 21(9): 15, 76. Sept. 1945. 389.78 F32

21962 TUSTIN, E. B., JR. Salt as a fertilizer. Canning Age 68(7): 10, 22. Sept. 10, 1945. 286.83 T67

21963 UNION OF SOUTH AFRICA. DEPT. OF AGRICULTURE AND FORESTRY. Trace elements in agriculture. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 139, 2 p. Pretoria, 1945. 24 So82Pa

#### Mixed Fertilizers and Fertilizer Technology

21964 TITLESTAD, N. Contact acid in the fertilizer industry. Amer. Fert. 103(6): 15. Sept. 22, 1945. 57.8 Am3

#### Fertilizer Statistics

21965 \*BOISCHOT, \_\_\_\_\_, HERVIAUX, \_\_\_\_\_, and HURIEZ. La fumure en Bretagne en période de pénurie d'engrais. Acad. d'Agr. de France. Compt. Rend. 27: 860-869. Oct. 8, 1941. 14 P215Bc

21966 CLARK, K. G., and SHERMAN, M. S. World plant food in prewar years production and consumption. Com. Fert. 71(3): 18-19, 21-22, 40-43. Sept. 1945. 67.8 C73

21967 JOHNSON, B. L., and MARSH, D. I. Potash in 1944. Amer. Fert. 103(5): 9-12, 20, 22, 24, 26, 28. Sept. 8, 1945. 57.8 Am3

Review of potash reserves, production, supply, consumption, and trade, with statistics.

21968 \*LENGLEN. Le développement de la consommation des engrais chimiques pendant un demi-siècle (1886-1936). Acad. d'Agr. de France. Compt. Rend. 26: 562-575. June 5, 1940. 14 P215Bc

21969 MEHRING, A. L., WALLACE, H. M., and DRAIN, M. Nitrogen, phosphoric acid, and potash consumption in the United States, by years and by States, with preliminary figures for 1944. Amer. Soc. Agron. J. 37: 595-609. Aug. 1945. 4 Am34P

21970 NOBLE, W. California fertilizer usage. Amer. Fert. 103(6): 7-8. Sept. 22, 1945. 57.8 Am3



21971 \*VOGLER, J. Düngemittelzuteilung 1943-44. Landesbauernschaft Moselland. Wchnbl., No. 29/30, p. 395. July 24, 1943. 18 L2328

#### Mineral Soil Amendments

21972 CHEAPER lime for the land. North. Ireland. Min. Agr. Monthly Rpt. 20: 76-77. July 1945. 256.13 Ag82M

Lime for soil improvement.

21973 FINDLAY, W. M. Experiments with lime at Craibstone - 2. Scot. J. Agr. 25: 171-176. July 1945. 10 Sco82So

21974 LAMERS, T. Le chaulage des sols. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 2: 105-109. July 1945. 8 R327

21975 LINSLEY, C. M. Piatt [County, Ill.] does limestone job. Ill. Agr. Assoc. Rec. 23(8): 14. Sept. 1945. 6 IL62

21976 SHEWELL-COOPER, W. E. Lime an important factor in soil improvement. Estate Mag. 45: 214-215. Aug. 1945. 10 Es8

#### Manures and Composts

21977 \*ACHARYA, C. N. A simple method of conserving cattle urine. Indian Farming 6: 214-216. May 1945. 22 In283

21978 \*BARBIER, G. L'entretien des réserves humiques dans les exploitations sans élevage. Rev. des Agr. de France 75: 133-134. Sept. 1943. 14 R325

21979 \*BEINERT, K. Gewinnung und einatz der wirtschaftdünger im 5. kriegsjahr. Landesbauernschaft Moselland. Wchnbl., No. 47, p. 600-601. Nov. 20, 1943. 18 L2328

21980 \*BEINERT, K. Jauche ist wertvoll für futterschichtenfrüchte. Landesbauernschaft Moselland. Wchnbl., No. 33, p. 429. Aug. 14, 1943. 18 L2328

21981 BELLEFROID, V. DE. Etude sur les travaux d'enrichissement du sol à Lukolela. B. Agr. du Congo Belge 32: 539-553. Sept. 1941. 24 K83

Experiments with composts made from cacao wastes.

21982 \*BRÉTIGNIÈRE, L. Préparons au maximum de la matière organique. Rev. des Agr. de France 75: 86-87. June 1943. 14 R325

Farm manures.

21983 CULLEN, W. Alternativas en el estercolado de los campos. Rev. Mens. B. A. P. 28(333): 63-65, 67. Aug. 1945. 9 R326

Organic fertilizers which may be used as substitutes for manure.

21984 \*DAS, C. M., and DAS, N. K. An improved method of preparing leaf compost. Indian Farming 6: 219-220. May 1945. 22 In283

21985 \*DEMOLON, A., and BURGEVIN, H. Sur l'enfouissement direct des pailles de céréales et ses répercussions. Acad. d'Agr. de France. Compt. Rend 26: 546-550. June 5, 1940. 14 P215Bc

21986 EASTERBROOK, L. F. Farmyard manure made and spread at 4/- per ton. Home Farmer 12(8): 16. Aug. 1945. 280.344 H75

Making compost from straw, other plant residues, and animal manure.

21987 \*ENGELS, O. Die heutige bedeutung der wirtschaftsdünger. Landesbauernschaft Moselland. Wchnbl., No. 50, p. 632. Dec. 11, 1943. 18 L2328

21988 \*ENGELS, O. Der klärschlammdünger "Ded-co," seine zusammensetzung und wirkung. Landesbauernschaft Moselland. Wchnbl., No. 9, p. 100. Feb. 26, 1944. 18 L2328

21989 \*ENGELS, O. Richtige nützung des stalldüngers. Landesbauernschaft Moselland. Wchnbl., No. 32, p. 336. Aug. 5, 1944. 18 L2328

21990 GOLDING, J. A. Residues and composting. Organic Gard. 7(5): 11-12. Oct. 1945. 56.8 Or3

21991 HART, A. Ancient and modern methods. Vet. Rec. 57: 397-398. Aug. 25, 1945. 41.8 V641

Value of manures and other organic materials as fertilizer.

21992 HITCH, D. L. Never sell your manure. Ariz. Farmer 24(18): 24. Sept. 22, 1945. 6 Ar44

21993 HOWARD, SIR A. Labour-saving in compost making. Ingenious method practised on Tanganyika estate. Farmer's Weekly [Bloemfontein] 69: 1054. Aug. 1, 1945. 24 F225

21994 HOWARD, SIR A. La rueda de la vida. Rev. Nac. de Agr. [Bogotá] 39(487): 43. Mar. 1945. 9.4 R32

Fertilizing value of compost.

21995 J., H. G. Need for organic matter in the soil. Rural New-Yorker 106: 386. Sept. 1, 1945. 6 R8E

Animal manures and green manure crops as sources of organic matter.

21996 \*KUBIENA, W. L'investigation microscopique de l'humus. Z. f. Weltforstw. 10: 387-396. July/Oct. 1943. 99.8 Z35

Also in German, and a summary in English.

21997 \*L., H. Fumure organique. Compost. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 1, p. 6. Jan. 1945. 17 J82A

21998 \*LEDENT, M. La valeur fertilisante des jus d'ensilage. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 181-193. May/June 1944. 66.9 In7

Summaries in Dutch, English, and German.

21999 \*LENGLEN. Les composts industriels. Acad. d'Agr. de France. Compt. Rend. 28: 562-563. Oct. 28/Nov. 4, 1942. 14 P215Bc

22000 MENDIZÁBAL, M. F. La industria vánica puede proporcionar materia prima para la preparación de un excelente abono. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 284. July 12, 1945. 9.9 G15B

Grape wastes as fertilizer.

22001 MEYSENBURG, V. C. A compost for acid-loving plants. Home Gard. 5: 146. July 1945. 80 H755

Compost made of sulfur and manure.

22002 \*HUDOLF, E. Die jauche - ein wertvolles düngemittel. Landesbauernschaft Moselland. Wchnbl., No. 11, p. 127. Mar. 11, 1944. 18 L2328

22003 \*T. Kompost ersetzt fehlenden dünger! Landesbauernschaft Moselland. Wchnbl., No. 46, p. 589. Nov. 13, 1943. 18 L2328

22004 TEMPLETON, G. S. Value and use of rabbit manure. Amer. Rabbit J. 15: 38-39. May/June 1945. 40.28 Am3

22005 THORNE, D. W. The value of a ton of barnyard manure. Sugar Beet 5(4): 20-21. Sept. 1945. 66.8 Su34B

22006 \*TÜLLMANN. Düngen wir richtig mit unseren wirtschaftsdüngern? Landesbauernschaft Moselland. Wchnbl., No. 47, p. 843-844. Nov. 21, 1942. 18 L2328

22007 W., S. B. Ten points that govern compost-making. Pop. Gard. 47: 213. Sept. 1, 1945. 80 G1622

22008 \*WEINHAUSEN, K. Zur sicherung einer ausreichenden nährstoffversorgung unserer böden; nutzt wirtschaftseigene düngerquellen! Gartenbauwirtschaft 62(6/8): 1. Feb. 22, 1945. 80 G1922

Farm manures and other organic fertilizers.



FORESTRY

## FOREST ECONOMICS AND POLICY

22009 ADKIN, B. W. Income tax on woodlands and sawmill. Q. J. Forestry 39: 124. July 1945. 99.8 Q2

Report of decision in an English case.

22010 AKERMAN, A. Fire protection, equities, and taxes. J. Forestry 43: 683-684. Sept. 1945. 99.8 F768

22011 \*ALBRECHT, F. Aus der fürstlich Fürstenbergischen forstordnung für die landgrafschaft Baar, Fürstenbergischer anteil vom 4. Mai 1746 und zu den waldbaulichen verhältnissen in diesem gebiet am ausgang des 18. jahrhunderts. Allg. Forst- u. Jagd-Ztg. 117: 195-199. July 1941. 99.8 AL3

22012 \*ALBRECHT, F. Aus der hochfürstl. reichsstifts-St. Blasischen forst- und waldordnung vom 25. Hornung 1766. Allg. Forst- u. Jagd-Ztg. 117: 173-175. June 1941. 99.8 AL3

22013 \*ALBRECHT, F. Aus der wald-, holz- und forstordnung für die vorderösterreichischen lande vom 7. Dezember 1786. Allg. Forst- u. Jagd-Ztg. 117: 22-28. Jan. 1941. 99.8 AL3

22014 ANDERSON, R. H. The place of trees in land usage in New South Wales. Austral. Inst. Agr. Sci. J. 11: 66-72. June 1945. 23 Au74

22015 BARNETT, C. B. Farmers organize cash timber market. Ohio Farmer 196(6): 14. Sept. 15, 1945. 6 Oh3

Activities of Doddridge County [W. Va.] Timber Association timber yard.

22016 BROWN, N. C. A forester looks at Italy. War has taken its toll, but a well planned program of forestry can heal many scars and help Italy along the road to self-sufficiency. Amer. Forests 51: 424-426, 460-461, 464. Sept. 1945. 99.8 F762

22017 CABRAL DE VASCONCELOS, P. W. Questões florestais. Rev. de Agr. [Piracicaba] 20: 151-160. May/June 1945. 9.2 R324

22018 CARLSON, G. W. What about forestry in the Rockies? Green Thumb 2(5): 19-21. Sept./Oct. 1945. 80 G82

22019 \*COUP d'oeil sur le mécanisme de la réparation du bois. Rev. des Eaux et Forêts 83: 189-206, 267-277. (Concl.) Apr., May 1945. 99.8 R322

22020 \*GALZIN, La production forestière de l'Algoual [France]. Rev. des Eaux et Forêts 88: 317-342. June 1945. 99.8 R332

22021 GERIN, M. Colonies forestières dans le comté de Rimouski. Forêt Québécoise 10: 155-170. Sept. 1945. 99.8 F79

22022 \*HAUSRATH, H. Bauertum und waldwirtschaft. Allg. Forst- u. Jagd-Ztg. 117: 293-299. Nov. 1941. 99.8 AL3

Historical interpretation of peasants' rights and their contribution to forestry in Europe.

22023 HERBERT, P. A. Free trade in forest products? J. Forestry 43: 683. Sept. 1945. 99.8 F768

22024 JAMES, W. D. G. Further notes on Italian forestry. Q. J. Forestry 39: 120-121. July 1945. 99.8 Q2

22025 JONES, E. S. Forest devastation. Sierra Club B. 30(4): 1-2. Aug. 1945. 500 Sa53

22026 LABOT, A. Talamos furiosamente los árboles y olvidamos que hay que reponerlos. Hereford 11: 246-247. July/Aug. 1945. 43.8 H42

On the need for forest conservation and reforestation in Argentina.

22027 \*MINUCCI DEL ROSSO, S. Utilizzazione del bosco e conservazione del legno in rapporto all'autarchia (lotta contro gli sprechi). Riv. Forest. Ital. 3(4/5): 36-50. Apr./May 1941. Ref. 99.8 R522

22028 \*OSTWALD, H. Zur frage der wirtschaftstheoretischen natur des waldes. Allg. Forst- u. Jagd-Ztg. 117: 177-185. July 1941. 99.8 AL3

22029 ROBERTS, L. D. Two pictures are worth 10,000 words. Ala. Conserv. 17(3): 6. Sept. 1945. 279.8 AL1

Presents need for forest conservation.

22030 ZACUTTA, E. Friends of the tree; reviving Palestine's woodlands; [Palestine] Forestry Society's task. Palestine and Middle East 17: 113-114. July 1945. 286.8 F172

Legislation

22031 MERRILL, P. H. State forestry legislation. Amer. Forests 51: 448, 450. Sept. 1945. 99.8 F762

A review of recent legislation.

22032 \*RANDET, P. La protection et l'extension des surfaces boisées. Rev. des Eaux et Forêts 83: 381-396. July 1945. 99.8 R322

French legislation on forest conservation and reforestation.

22033 ROVIRA S., J. Proyecto de ley sobre regimen forestal. Paraguay. Min. de Agr. Rev., No. 9, p. 30-37. May 1945. 9.7 Ag8Re

## FOREST DESCRIPTION AND RESOURCES

22034 \*ALBRECHT, F. Zu den grundlagen forstlicher arbeit in den Oberrheinlanden. Allg. Forst- u. Jagd-Ztg. 117: 153-166. June 1941. Ref. 99.8 AL3

22035 BAROJAS ARMINO, S. Aprovechamiento de los recursos forestales de Mexico. Mex. Dir. Gen. Forest. y de Caza. B. 5: 13-17. (Concl.) Jan./June 1944. 99.9 M574

22036 CLINE, A. C. A brief view of forest conditions in Europe. J. Forestry 43: 627-628. Sept. 1945. 99.8 F768

22037 CROW, A. B. The forestry situation in Delaware. Amer. Forests 51: 443-445, 461. Sept. 1945. 99.8 F762

Findings of the Forest Resource Appraisal of the American Forestry Association.

22038 DADSWELL, H. E. Timbers of the New Guinea region. Yale U. School Forestry. Trop. Woods, No. 83, p. 1-14. Sept. 1, 1945. 99.08 Y1Tr

22039 \*FRANÇOIS, T. Une belle sapinière du Forez [France]. La forêt syndicale d'Aubusson. Rev. des Eaux et Forêts 83: 397-412. July 1945. 99.8 R322

22040 \*GAUDIO, F. S. DE. Il problema dell'approvvigionamento della legna in Albania in relazione alla conservazione ed al miglioramento dei boschi. Riv. Forest. Ital. 3(3): 4-11. Mar. 1941. 99.8 R522

22041 \*GIORDANO, G. Le utilizzazioni boschive dell'Africa Orientale Italiana nei riguardi della conservazione e del miglioramento del patrimonio forestale. Agr. Colon. 35: 261-277, 314-319. (Concl.) July, Aug. 1941. Ref. 26 Ag82

22042 \*GRANGER, A. Du Bois de Boulogne au Bois de Vincennes. Rev. des Eaux et Forêts 83: 207-217. Apr. 1945. 99.8 R322

22043 HALL, W. L. Is pine coming or going in south Arkansas? J. Forestry 43: 634-637. Sept. 1945. 99.8 F768

22044 KERNAN, H. S. War's toll of French forests. Amer. Forests 51: 442. Sept. 1945. 99.8 F762

22045 MACDONALD, G. B. Present State forests [in Iowa]. Iowa Conserv. 4: 161, 165, 167. Sept. 15, 1945. 279 Io92

22046 \*MÖSINGER, F. Die forstgeschichte und waldbauliche entwicklung der distrikte Jungholz, Schlossberg, Stolzeneck, Riedenwald, Überhau und Neckarberge des Badischen forstamtes Neckarschwarzach in den letzten 150 jahren. Allg. Forst- u. Jagd-Ztg. 117: 302-313, 324-331. Nov.-Dec. 1941. 99.8 AL3



22047 \*PIZZIGALLO, V. Le abetine di Serra S. Bruno [Italy]. Riv. Forest. Ital. 3(4/5): 51-61. Apr./May 1941. 99.8 B522

A forest of silver fir in southern Italy.

22048 \*SENNI, L. Studio su legnami etiopici. Agr. Colon. 37: 232-234. Sept./Oct. 1943. 26 Ag82

#### Individual Genera and Species

22049 ALLHEIMEN, H. Un forestal ideal para nuestras sierras, el Pinus echinata, Miller. Chacra 15(178): 26. Aug. 1945. 9 C34

Value of shortleaf pine for planting in Argentina.

22050 CARNEVALE, J. A. Alamos y sauces. Pampa Argentina 19(215): 7. July 1945. 9 P19

22051 \*CRISTOFOLINI, F. Il pino d'Aleppo nella Valle Spoleatina e nella Valnerina [Italy]. Riv. Forest. Ital. 3(3): 37-45. Mar. 1941. 99.8 B522

22052 DALLIMORE, W. Two possible forest trees for Britain. Q. J. Forestry 39: 88-91. July 1945. 99.8 Q2

Picea omorika and Cupressocyparis leylandii.

22053 \*PHILIPPIS, A. DE. A proposito del legno di ginepro abissino per astucci da matite. Agr. Colon. 34: 516. Dec. 1940. 26 Ag82

Note on an Ethiopian species of juniper for making lead pencils.

#### FOREST ADMINISTRATION AND MANAGEMENT

22054 AVERELL, J. L. Rules of thumb for thinning loblolly pine. J. Forestry 43: 649-651. Sept. 1945. 99.8 F768

Comment by H. H. Chapman, p. 651.

22055 \*BERTHON, R. Le problème de la main-d'oeuvre forestière. Rev. des Eaux et Forêts 83: 218-222. Apr. 1945. 99.8 R322

22056 \*DINTELHANN. Mosellands landvolk im dienste der forstwirtschaft. Landesbauernschaft Moselland. Wchnbl., No. 47, p. 595. Nov. 20, 1943. 18 L2328

22057 EVANS, E. E. Natural economic selection. J. Forestry 43: 685-686. Sept. 1945. 99.8 F768

Comments relating to improvement cuttings.

22058 GIBSON, J. M. Forestry in relation to lumbering. Canada Lumberman 65(17): 73, 93. Sept. 1945. 99.81 C16

22059 \*GRAVEY, A. Pour la sauvegarde de notre forêt de Gascogne. Bois et Résineux 24(1181): 1; (1182): 1. Mar. 16-23, 1941. 99.82 B63

Questions of management and policy.

22060 HOUGH, A. F. Silviculture of mine-prop cutting in western Maryland. J. Forestry 43: 642-645. Sept. 1945. 99.8 F768

22061 \*LANG, A. Ein vorschlag zur bildung von durchmesserstufen und stärkeklassen bei der forsteinrichtung. Allg. Forst- u. Jagd-Ztg. 117: 166-172. June 1941. 99.8 AL3

22062 \*MARTINI, M. DE. L'opera della Milizia Forestale in provincia di Milano. Riv. Forest. Ital. 3(3): 15-21. Mar. 1941. 99.8 R522

22063 MICHON, L. Il faut plus de sylviculture. Abeille et l'Érable (ser. 2) 14: 88. Aug. 1945. 424.8 Ab32

Need for improved management of small forest holdings in Quebec.

22064 MURIE, R. C. U. S. A. commercial forest land, with special reference to present and anticipated future developments in the Pacific Northwest. Austral. Timber J. 11: 205. June 1945. (Madison Sub-Branch Lib.)

22065 \*OSTWALD, H. Fragen der forsteinrichtung. Allg. Forst- u. Jagd-Ztg. 117: 237-242, 265-279. Sept.-Oct. 1941. 99.8 AL3

Contents: I. Umtrieb und alteraklassentabelle oder sortiment und periodenplan? II. Formzahl oder schaftform, bestandesmasse oder bestandeswert? III. Trennung von kapital und rente sowie kontrolle des waldvermögens mit dem zuwachs- und massen-, oder mit dem wertmassstab?

22066 \*PUSTER. Zelle und art im forstlichen betriebe. Allg. Forst- u. Jagd-Ztg. 117: 317-323. Dec. 1941. 99.8 AL3

22067 RYLE, G. B. The coppice woodlands of south Wales. Q. J. Forestry 39: 81-87. July 1945. 99.8 Q2

Suggestions for management of several types.

22068 SCHANTZ-HANSEN, T. Some results of thinning fifteen-year-old red pine. J. Forestry 43: 673-674. Sept. 1945. 99.8 F768

22069 TRYON, H. H. The management of young volunteer hardwood stands. Black'Rock Forest B. 13, 28 p. Cornwall-on-the Hudson, N. Y., 1945. 99.9 B562

22070 WILSON, J. O. Forest management problems associated with pulpwood operations. Pulp and Paper Mag. Canada 46: 702-703, 705, 707, 709, 711-712. Aug. 1945. 302.8 P96

22071 \*ZIMMERLE, H. Nochmals zur plenterwaldfrage. Allg. Forst- u. Jagd-Ztg. 117: 85-124. Apr. 1941. Ref. 99.8 AL3

#### Farm Woodlands

22072 CREIGHTON, G. W. I. Place of farm woodlots and town forests in Maritime production. (Excerpts.) Canada Lumberman 65(17): 79, 98. Sept. 1945. 99.81 C16

22073 DANSEREAU, P. Dégradation des érablières. Abeille et l'Érable (ser. 2) 14: 88-90. (To be cont.) Aug. 1945. 424.8 Ab32

Causes of deterioration of maple sugar groves.

22074 DANSEREAU, P. L'industrie de l'érable. Abeille et l'Érable (ser. 2) 14: 75-77. (To be cont.) July 1945. 424.8 Ab32

22075 FITZPATRICK, H. M. Trees on the farm. Eire. Dept. Agr. J. 62: 39-45. Mar. 1945. 10 Ir2J

22076 S., H. L. The profitable woodlot. Rural New-Yorker 104: 436. Oct. 6, 1945. 6 R88

Suggestions for management.

22077 SIMONDS, W. W. Demand to continue for woodlot material. Pa. Grange News 42(6): 7. Sept. 1945. 6 P38

#### Mensuration

22078 GEVORKIANTZ, S. R., and AAMODT, E. E. Volume-growth slide rule. J. Forestry 43: 652-653. Sept. 1945. 99.8 F768

22079 \*GIORDANO, G. La determinazione teorica delle perdite per deduzione della corteccia e del cimale. Riv. Forest. Ital. 3(3): 32-36. Mar. 1941. 99.8 R522

22080 \*KRENN, K. Die Hohenadl'schen mittelstämme als zuwachsmittelstämme und ihre bedeutung für die praxis der zuwachsermittlung an beständen. Allg. Forst- u. Jagd-Ztg. 117: 213-230, 243-263, 279-287. Aug.-Oct. 1941. 99.8 AL3

22081 \*MEUNHOFER, H. Vergleich zweier fichtenstamsortentafeln. Allg. Forst- u. Jagd-Ztg. 117: 186-195. July 1941. 99.8 AL3

#### FOREST PROTECTION AND DAMAGE

Articles on diseases of trees are listed under Pathology in the Plant Science section; articles on forest insects in the Entomology section.

22082 BISWELL, H. H., and HOOVER, M. D. Appalachian hardwood trees browsed by cattle. J. Forestry 43: 675-676. Sept. 1945. 99.8 F768



Fire

- 22083 BENSON, S. The flaming cauldron. Forest & Outdoors, Sept., 1945, p. 245. 99.8 C16
- 22084 DE YOUNG, J. S., and SHAW, T. E. The Forest Fire Fighters' Service in Indiana. J. Forestry 43: 648-649. Sept. 1945. 99.8 F768
- 22085 EVERTS, A. B. Why high pressure for fog? J. Forestry 43: 629-633. Sept. 1945. 99.8 F768  
On the use of fog sprays in forest fire control.
- 22086 \*MATHIEU, L. Combustions spontanées et incendies de forêts. Acad. d'Agr. de France. Compt. Rend. 28: 496-497. July 1/8, 1942. 14 P215Bc
- 22087 OLSON, H. Tillamook burns again! Amer. Forests 51: 431-433. Sept. 1945. 99.8 F762
- 22088 WRIGHT, J. G., and BEALL, H. W. The application of meteorology to forest fire protection. Imp. Forestry Bur. Tech. Commun. 4, 23 p. Oxford, Eng., 1945. Ref., p. 21-23. 99.9 Im7

SILVICULTURE

See Items 21027-21047

LUMBERING

- 22089 DIETZ, M. A. Peacetime lumber demand projected. Dom. Com. 33(9): 22-23, 26. Sept. 1945. 157.54 D713
- 22090 \*DINTELMANN. Die holzaufbringung. Landesbauernschaft Moselland. Wohnbl., No. 50, p. 633. Dec. 11, 1943. 18 L2328
- 22091 DIONNE, J. Labor shortage and too low lumber prices threaten yellow pine production. Gulf Coast Lumberman 33(11): 4. Sept. 1, 1945. 99.81 G95
- 22092 GREELEY, W. B. Lumber looks out of the foxholes. Austral. Timber J. 11: 221, 223, 225, 227, 229. June 1945. (Madison Sub-Branch Libr.)
- 22093 PRESTRIDGE, J. A. Tidewater red cypress - when and why? South. Lumberman 171(2146): 34. Sept. 1, 1945. 99.81 So82  
Prospects for making baldcypress lumber available for civilian uses.
- 22094 SMITH, J. Cours pratiques sur le sciage et la classification des bois. Forêt Québécoise 10: 95-98. Sept. 1945. 99.8 F79

Equipment

- 22095 LE SUEUR, A. D. C. Timber scribes. Q. J. Forestry 39: 117-119. July 1945. 99.8 Q2

Logging

- 22096 COOPER, W. E. In defense of "selective cutting." J. Forestry 43: 638-639. Sept. 1945. 99.8 F768  
Discusses the meaning and use of the term.
- 22097 MARTIN, R. Timber marking for second-cycle cutting in northern Wisconsin. J. Forestry 43: 655-657. Sept. 1945. 99.8 F768
- 22098 TRYON, H. H., and SMILEY, D., JR. Chips or sawdust? J. Forestry 43: 654. Sept. 1945. 99.8 F768  
A study of wood waste in chopping and sawing fuel wood.

- 22099 WILLS, J. A. Notes on mahogany logging industry [on the Gold Coast]. Farm and Forest 6: 16-20. Jan./Mar. 1945. 24 F226

Lumber Industry

- 22100 BIRKETT, C. B. New Zealand lumber activities. Canada Lumberman 65(17): 116. Sept. 1945. 99.81 C16
- 22101 MACKINNON, J. A. Canada's lumber industry past, present and future. Canada Lumberman 65(17): 40-41. Sept. 1945. 99.81 C16

- 22102 POTTS, M. W. Can we reduce lumber costs? Distrib. Age 44(9): 44-45, 78-79. Sept. 1945. 288.8 T68  
Examines handling and distribution costs and suggests methods of reducing them.

Sawmills

- 22103 ARNST, A. The "jeep" sawmill goes west. Lumber harvester may prove boon to better cutting practices in second growth farm woodlands of the Douglasfir country. Amer. Forests 51: 440-441, 459. Sept. 1945. 99.8 F762
- 22104 OTTER, J. R. Circular sawmills, their equipment and operation. I. Portable sawmills. South. Lumberman 171(2147): 63-64, 66, 68. Sept. 15, 1945. 99.81 So82
- 22105 R., M. M. The branch mill. Wood 10: 228-229. Sept. 1945. 99.82 W855

WOOD TECHNOLOGY

- 22106 MCELHANNEY, T. A. Canadian Forest Products Laboratories equipped to render still broader service. Canada Lumberman 65(17): 46-48, 128, 130. Sept. 1945. 99.81 C16

Chemical and Physical Properties

- 22107 \*GUINOT, H. Contribution à l'étude de la saccharification du bois en vue de la production d'alcool. Chim. & Indus. [Paris] 46: 283-290. Sept. 1941. 383 C42
- 22108 \*KOLLMANN, F. Sorption und quellung des holzes. Naturwissenschaften 32: 121-139. Apr./June 1944. 474 N213
- 22109 RISI, J., and DESCHÊNES, M. Étude du mécanisme de carbonisation de quelques espèces de bois de la province de Québec. Québec. Forest Serv. B. (n. s.) 7, 35 p. Québec, 1945. 99.9 Q34
- 22110 TIEMANN, H. D. Measurement of moisture in wood. Canada Lumberman 65(17): 57-58. Sept. 1945. 99.81 C16

Preservative Treatment

- 22111 BUCKMAN, S. J., BROWNE, R. Y., and GAY, W. H. Nonpressure treatment of wood. III. Solvents, equipment, and methods for the treatment of wood with low viscosity oil solutions of pentachlorophenol. South. Lumberman 171(2146): 35-42. Sept. 1, 1945. 99.81 So82
- 22112 HAGEN, C. New cold soak method rot-protects posts and cellar timbers. Idaho Farmer 63(17): 3, 10. Sept. 6, 1945. 6 G282
- 22113 MATAGRIN, A. La constitution du bois et les principes des méthodes conservatrices. Rev. de Chim. Indus. 49: 172-183. (Cont.) Aug./Oct. 1940. 383 R326

Seasoning and Conditioning

- 22114 TORGESON, O. W. Constructional features of the experimental furnace-type lumber dry kiln. Wood Prod. 50(9): 20, 22, 36. Sept. 1945. 99.82 W856

FOREST PRODUCTS

- 22115 CAMPBELL, C. C. Utilization of low-grade lumber in custom wood-working plants. Wood-Worker 64(7): 24, 26-27. Sept. 1945. (Madison Sub-Branch Libr.)
- 22116 \*CRESTIN, F. Le choix des bois de mines. Rev. des Eaux et Forêts 83: 253-266. May 1945. 99.8 R322
- 22117 GARRATT, G. A. Wood in war and peace. Wood Prod. 50(9): 24, 26, 52. (Concl.) Sept. 1945. 99.82 W856



22118 GRANTHAM, J. B. The production of poles from lodgepole pine in Oregon. West Coast Lumberman 72(9): 99-100, 102, 104. Sept. 1945. 99.81 W52

22119 HORN, A. G. 1944 Lake States tie production 4,120,000; output of 700 mills equals 11 per cent of total board feet. Cross Tie B. 26(9): 14. Sept. 1945. 99.82 C87

22120 KAUFFMAN, E. Revealing Germany's wood secrets. Amer. Forests 51: 430, 457. Sept. 1945. 99.8 F762

Report of technical and production secrets developed by the Nazis and condition of German forests.

22121 MURPHEY, F. T. Bigger yule tree demand forecast. Pa. Grange News 42(6): 7. Sept. 1945. 6 P38

22122 O'DELL, D. Lumber on Okinawa. Miss. Val. Lumberman 76(38): 10, 30. Sept. 21, 1945. 99.81 M69

22123 RISI, J., and BRÔLÉ, M. Étude des huiles essentielles tirées des feuilles de quelques conifères du Québec. Quebec. Forest Serv. B. (n. s.) 9. 52 p. Québec, 1945. 99.9 Q37

22124 ROMER, F. Wood becomes super-wood. Crown 34(10): 9-11, 22, 24. Oct. 1945. 389.8 C88  
New developments in wood utilization.

22125 \*TH., R. Holz, ein wichtiger rohstoff! Landesbauernschaft Moselland. Wchnbl., No. 47, p. 597. Nov. 20, 1943. 18 L2328

22126 URANGA LOYA, A. Los ferrocarriles de México y su abastecimiento de maderas. Mex. Dir. Gen. Forest. y de Caza. B. 5(2): 1-4. July/Dec. 1944. 99.9 M574

#### Barrels, Boxes, and Crates

22127 MYERS, E. C., PURCELL, M. T., and KURTENACKER, R. S. Effect of species and thickness of head and type and attachment of cleat upon the strength of slack barrel heads. Barrel and Box and Packages 50(9): 9-12. (Concl.) Sept. 1945. 99.82 B27

22128 WAGNER, J. B. Air drying or seasoning of staves; slow drying with stock placed properly to allow free circulation of air, is best method. Barrel and Box and Packages 50(9): 13-14. Sept. 1945. 99.82 B27

#### Building Construction

22129 LANGLANDS, I. Green timbers in Australian structures. Engin. News-Rec. 135: 290-291. Sept. 6, 1945. 290.8 En34

22130 REILLY, C. The wooden house. T. D. A. Q. Rev., Apr. 1945, p. 11. 99.9 T48T  
The architect's point of view.

#### Charcoal

22131 RISI, J., BRÔLÉ, M., and PICARD, M. Étude de quelques propriétés des charbons de bois du Québec se rapportant à leur utilisation comme carburant dans les gazogènes. Quebec. Forest Serv. B. (n. s.) 6, 30 p. Québec, 1945. Ref., p. 28-30. 99.9 Q34

22132 RISI, J. La fabrication du charbon de bois, renseignements pratiques pour les charbonniers. Quebec. Forest Serv. B. (n. s.) 8, 44 p. Québec, 1945. 99.9 Q34

#### Furniture

22133 PASCOE, C. Laminated furniture. Plastics [Chicago] 3(3): 52-53, 55, 131-132. Sept. 1945. 309.8 P696

22134 SMITH, W. T. Shifting the cabinet finish into high. Wood Prod. 50(9): 32, 34, 36. Sept. 1945. 99.82 W856

#### Naval Stores

22135 \*BRUS, G. Les produits résineux; les qualités marchandes de la gomme. Bois et Résineux 24 (1184): 1. Apr. 6, 1945. 99.82 B63

22136 \*SIMÃO, J. Subsídios para o estudo da influência de alguns factores na produção de resina. Portugal. Dir. Geral dos Serv. Florestais e Aquícolas. P. 8: 5-57. 1941. 99.9 P834

#### Plastics

22137 DELMONTE, J. Wood-cloth and wood-paper laminates; tests on various forms of laminated material. Brit. Plastics 17: 341-344, 344a-348. Aug. 1945. 309.8 B76

22138 DOWLING, A. P. Wood aircraft assembly glues. Mod. Plastics 25(1): 156-158, 192, 194. Sept. 1945. 309.8 P69

22139 LOERKE, A. W. Design and fabrication of the airplane; A-26B duramold plastic plywood fuel tank. Plastics and Resins 4(8): 11-12, 29. Aug. 1945. 309.8 P695

22140 QUADLAND, H. P. Resin impregnation of wood. Frontier 9(2): 10-11. June 1945. (Madison Sub-Branch Libr.)

#### Pulp and Paper

22141 ANDREWS, I. H., BLEDSOE, R. C., and COLLICUTT, S. A. Wet strength evaluation of pulps. Pulp and Paper Mag. Canada 46: 681-690. Aug. 1945. 302.8 P96

22142 BETTENDORF, H. J. Paper and paperboard boxes - a history. Fibre Containers 30(9): 30, 32, 34, 39-40, 42, 44, 49. (Cont.) Sept. 1945. 286.8 F44

22143 BETTENDORF, H. J. Statistical summary of the paperboard group of industries. Fibre Containers 30(8): 84, 86, 88, 90, 95-96, 98, 100, 102, 104, 106, 108, 110. Aug. 1945. 286.8 F44

22144 CANADA. BUREAU OF STATISTICS. FORESTRY BRANCH. Preliminary report on the pulp and paper industry in Canada, 1944, 34 p., processed. Ottawa, 1945. 302.9 C162

22145 EVANS, R. H. Wood pulp allocation during World War II. Paper Mill News 68(35): 10. Sept. 1, 1945. 302.8 P195

22146 FULLER, P. C. Building backbones into boxes. Plastics [Chicago] 3(3): 33-36, 147, 149. Sept. 1945. 309.8 P696

Development of high wet strength fiberboard boxes.

22147 INSTITUTE OF PAPER CHEMISTRY. Instrumentation studies. LI. Penetration of papers by water vapor. V. Methods for measuring vapor and gas permeability - a bibliographical study. Paper Trade J. 121 (13): 68, 74, 78, 80, 86, 91. (To be cont.) Sept. 27, 1945. 302.8 P196

22148 LEWIS, H. F., and FROMMULLER, D. The "fading" of groundwood by light. III. The changes taking place in the nature of the compounds present in groundwood as the result of fading. Paper Trade J. 121(TAPPI Sect.): 133-136. Oct. 4, 1945. 802.8 P196

22149 MCCOLL, E. L. Paper and board market in Northern Ireland. Canada. Dept. Trade and Com. Com. Intel. J. 73: 266-267. Sept. 22, 1945. 286.8 C16

22150 MELENBACKER, K. C. Factors affecting the smoothness of paperboard. Fibre Containers 30(9): 64-65. Sept. 1945. 286.8 F44

22151 PORTER, O. M. The war record of the United States pulp industry. Paper Mill News 68(35): 12. Sept. 1, 1945. 302.8 P195

22152 TECHNICAL ASSOCIATION OF THE PULP AND PAPER INDUSTRY. Sieve analysis of pulpwood chips, TAPPI Suggested Method T 16 sm-45. Paper Trade J. 121(TAPPI Sect.): 106. Sept. 13, 1945. 302.8 P196

22153 WELDON, R. L. Pulp and paper manufacture in Canada - past and future; a remarkable record of growth and achievements in peace and wartime. Pulp and Paper Mag. Canada 46: 667-671, 674. Aug. 1945. 302.8 P96

22154 WHITING, G. The paperboard industry in 1945. Fibre Containers 30(8): 72, 74, 76, 78. Aug. 1945. 286.8 F44



Tanning Materials

- 22155 \*DINTELMAHN. Die eichenrindenaufbringung 1944. Landesbauernschaft Moselland. Wohnbl., No. 51, p. 644. Dec. 18, 1943. 18 L2328

Veneers and Plywood

- 22156 A., R. M. Plywood in the home. (Excerpts.) Veneers and Plywood 39(9): 16, 18. Sept. 1945. 99.8 V55
- 22157 POSTER, L. B. Veneer and plywood in desk manufacture. Veneers and Plywood 39(9): 8, 10-11. Sept. 1945. 99.82 V55
- 22158 HARTMAN, F. A. Fire retardant plywood. Plastics [Chicago] 3(3): 58-59, 62-63, 138-139. Sept. 1945. 309.8 P696

Wood as Fuel

- 22159 \*BALLU, T. Carburants forestiers. Rev. des Agr. de France 73: 46-47. Feb. 1941. 14 E325  
Comparison of wood and charcoal as fuels for gas producers.
- 22160 HYLER, J. E. Use and advantages of the veneer hog. Veneers and Plywood 39(9): 24, 26. Sept. 1945. 99.8 V55
- 22161 \*VAINER, I. Organizatsiia zagotovki gazo-generatornogo topliva [Organization of the production of gas-producing fuel]. Kolkhoz. Proizvod. 5(1/2): 27. Jan./Feb. 1945. 281.8 K83  
Small logs as fuel for tractors.

MISCELLANEOUS

- 22162 CARROTHERS, G. E. School forests help make education meaningful. Mich. Conserv. 14(9): 4. Sept. 1945. 279.9 M582
- 22163 GOBEIL, A. R. L'Association Forestière Québécoise. Forêt Québécoise 10: 143-147. Sept. 1945. 99.8 F79
- 22164 PARTAIN, L. E. 4-H'ers plant memorial forest [near Hagerstown, Md.]. Country Gent. 115(10): 64. Oct. 1945. 6 C833
- 22165 STRONG, E. K., JR. The interests of Forest Service men. Ed. and Psychol. Measurement 5: 157-171. Summer 1945. 140.8 Ed8
- 22166 VARGAS C., J. J. Los maestros de escuela y la reforestación. Vida Rural, 6(72): 35. July 1945. 9.4 V66  
Tree-planting activities of school children in Colombia.

Education

- 22167 ACKERS, C. P. Post-war forestry training centres. Q. J. Forestry 39: 99-103. July 1945. 99.8 Q2  
Advocates estate centers for practical work in various phases of forestry.
- 22168 BRÛLÉ, J. D. L'école forestière. Forêt Québécoise 10: 93-94. Sept. 1945. 99.8 F79  
On the announcement of a new building for the forestry school at Laval University, Quebec.
- 22169 GROSECLOSE, H. C. Forestry in vocational agriculture. Va. Polytech. Inst. B., v. 38, No. 10, 75 p. Blacksburg, Va., 1945. 99.61 G91
- 22170 HOSKINS, R. N. Future Farmers of America learn forestry lessons in practical way. Forest Farmer 4(12): 5, 8. Sept. 1945. 99.8 F7692  
Program of forestry training camp conducted by Florida Forest and Park Service.

Forest Influences

- 22171 BLOCH, H. La influencia de los bosques sobre la lluvia. Agr. Trop. 1(6): 26-39. July 1945. 26 Ag8

- 22172 QUINTEROS, M. C. El árbol es el amigo del hombre y el protector de su casa, animales y cultivos. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 276. July 5, 1945. 9.9 G15B

ANIMAL INDUSTRYBREEDS AND BREEDING

- 22173 COLE, C. L. Fundamentals of livestock breeding. Shorthorn News 6(3): 11-12. Sept. 1945. 43.8 Sh85
- 22174 HULTZ, F. S. Lessons in animal breeding. 4. Inbreeding and linebreeding. Sheep and Goat Raiser 25(12): 16, 18. Sept. 1945. 45.8 Sh3  
This magazine is "re-running these articles."
- 22175 LACEY, J. J. Build on the purebred. Wool News 11(2): 4-5. Sept. 1945. 280.28 W882
- 22176 RICE, V. A. Why do animals vary? Short-horn World 30(11): 304, 44-46. Aug. 25, 1945. 43.8 Sh8  
Author's name appears as A. V. Rice.
- 22177 RICE, V. A. A look ahead in breeding. South. Stockman 5(9): 14, 106-110. Sept. 1945. 49 So83

FEEDS AND FEEDING

- 22178 ATHANASSOF, N. As rações balanceadas e o problema das vitaminas na alimentação dos animais domésticos. Rev. de Agr. [Piracicaba] 20: 161-176. May/June 1945. 9.2 R324
- 22179 \*AXELSSON, J. Norrlandshöets skördetid, vättrådhalt och smältbarhet [Harvesttime, fiber content, and digestibility of hay from Norrland]. Lantmannen 29: 484-487. May 26, 1945. 11 L234
- 22180 \*BETTINI, T. M. Prime notizie sull'impiego di sostanze minerali per l'alimentazione del bestiame da parte degli indigeni in A. O. I. Agr. Colon. 34: 459-461. Nov. 1940. 26 Ag82
- 22181 BOHSTEDT, G. Ensiling corn, when? Hoard's Dairyman 90: 471. Sept. 10, 1945. 44.8 H65
- 22182 BOHSTEDT, G. Pasture favors reproduction in livestock. Poland China World 32(8): 123-124. Sept. 1945. 46.8 Sw62
- 22183 BROWNSBERGER, A. Proper food mineral balances. Internatl. Com. Rabbit J. 3(23): 65-66. Sept. 1945. 40.28 In8
- 22184 \*C., V. Le charbon de bois dans l'alimentation des animaux domestiques. Prog. Agr. et Vitic. 120: 264-266. Dec. 19/26, 1945. 14 P94
- 22185 CAZAMBIDE ARRILLAGA, M. C. L'herbe des Bermudes (Cynodon dactylon) comme aliment pour les animaux. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 2: 114-115. July 1945. 8 R327
- 22186 CINTOLESI C., G. Nutrición racional y producción económica. Agrario 8(342): 11. July 15, 1944. 9.3 Ag85  
Livestock.
- 22187 CLIFFE, A. E. Minerals in feed. Milling and Feed 26(9): 3-4. Sept. 1945. 298.8 C162
- 22188 CORRIE, F. E. Some elements of plants and animals. 9. Phosphorus in animal nutrition. Fert., Feed. Stuffs and Farm Supplies J. 31: 541-542. Sept. 12, 1945. 57.8 F413
- 22189 DICK, A. T., and BULL, L. B. Some preliminary observations on the effect of molybdenum on copper metabolism in herbivorous animals. Austral. Vet. J. 21: 70-72. June 1945. 41.8 Au72
- 22190 \*GARCÍA FERNÁNDEZ, J. Ganado en pastoreo; notas sobre espigaderos. Ganadería [Madrid] 3: 165-170. Mar. 1945. 49 G15  
Relationship of home-grown feed to livestock, and feeding of livestock on pasture.



22191 GARMENDIA, L. I. *Faz económica de la bromatología (introducción al curso de cuarto año).* Agros [Montevideo] (ser. 8) 7(1): 1-22. Feb. 1945. 9.9 Ag82

22192 GOSS, H. Walnut meal. West. Livestock J. 23(54): 95. Sept. 1945. 6 F2278  
Also in Calif. Cult. 92: 472-473. Sept. 1, 1945. 6 C12

22193 GRATZ, L. O. Mineral research aids stock. Fla. Grower 53(9): 19. Sept. 1945. 80 F6622

22194 GROENEWALD, J. W. Rations for animals. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 130, 2 p. Pretoria, 1945. 24 So82Pa

22195 \*HARING. Betrachtungen zur einsäuerung roher rüben. Landesbauernschaft Moselland. Wchnbl., No. 48, p. 608. Nov. 27, 1943. 18 L2328

22196 HERNER, M. C. Basic facts on feed and feeding. Canad. Grain J. 1(1): 3. Aug. 1945. 59.8 C16

22197 HERNER, M. C. Feed formulae in the making. Canad. Grain J. 1(2): 9. Sept. 1945. 59.8 C16

22198 \*HOLZ, P. Kartoffeln einsäuern oder täglich kochen? Landesbauernschaft Moselland. Wchnbl., No. 38, p. 493. Sept. 18, 1943. 18 L2328

22199 KRAYBILL, H. R., and WILDER, O. H. M. Meat scrap and tankage (as feed). Flour & Feed 46 (4): 18, 36. Sept. 1945. 298.8 F66

22200 MCINTOSH, R. A. Cobalt deficiency; possibility of more frequent diagnosis. Vet. Student 8 (1): 17-19. Summer 1945. 41.8 V6425

22201 MASSAUX, R. Alimentación racional o equilibrada de los animales domésticos. Buenos Aires y La Pampa, No. 80, p. 30-31. (Cont.) June 1945. 9 B868

22202 \*MILA, L. Le marron d'Inde dans l'alimentation du bétail. Rev. des Agr. de France 73: 363. Dec. 1941. 14 R325

22203 MYBURGH, S. J. The nutritive value of mixed proteins. The biological value of the proteins of a mixture of yellow maize seed and grape seeds, and a mixture of yellow maize seed and camelthorn pods (Acacia giraffae). Onderstepoort J. Vet. Sci. and Anim. Indus. 20: 213-222. Apr. 1945. 41.8 Onl

22204 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. How to make high quality silage. North. Ireland. Min. Agr. Leaflet 113, 5 p. Belfast, 1944. 10 N81

22205 PACHECO THOMAS, A. Factores que se oponen al desarrollo pecuario; factores bromatológicos. Agr. Trop. 1(6): 19-22. (Cont.) July 15, 1945. 26 Ag8

22206 PADDOCK, A. Alimentación científica para animales. Chacra 15(178): 76. Aug. 1945. 9 C34

22207 \*PANNWITZ. Gärfutterbereitung ohne fehlschläge. Landesbauernschaft Moselland. Wchnbl., No. 20, p. 297. May 15, 1943. 18 L2328

22208 RICE, E. S. Provender milling; balanced rations for livestock. Milling 105: 56, 58. July 21, 1945. 298.8 M622

22209 \*RUSCHMANN, G. Acht regeln für die gärfutterbereitung. Landesbauernschaft Moselland. Wchnbl., No. 27, p. 287-288. July 1, 1944. 18 L2328

22210 SEPARATED milk for farm stock. North. Ireland. Min. Agr. Monthly Rpt. 20: 70-71. July 1945. 256.13 Ag82M

22211 SOKOLOFF, B. Vitamin A in poultry and animal nutrition. Feedstuffs 17(35): 28-34. Sept. 1, 1945. 286.81 F322

22212 SQUIBB, R. L. El empleo de la pulpa de café como alimento de ganado. Rev. de Agr. [San José] 17: 389, 391-393, 395-397, 399-401. Aug. 1945. 8 Ksl

22213 \*STENKHOFF. Rechtzeitiger schnitt sichert hohe elweisserträge! Landesbauernschaft Moselland. Wchnbl., No. 22, p. 238. May 27, 1944. 18 L2328

22214 TURK, K. L. Making corn silage. Dairy-men's League News 29(19): 8. Sept. 11, 1945. 44.8 DL432

22215 VAN RENSBURG, J. A. Effective consumption of feed. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 129, 2 p. Pretoria, 1945. 24 So82Pa

22216 \*VAUGH, M. Silage making in the village. Indian Farming 6: 269-272. June 1945. 22 In283

## VETERINARY MEDICINE

22217 BASTIAS N., O. El uso de las vitaminas en medicina veterinaria. Campesino [Santiago] 77: 267-268. May 1945. 9.3 Sol2

22218 BISWELL, H. H. Avoiding losses from stock poisoning plants on forest farms. Forest Farmer 4 (12): 4. (To be cont.) Sept. 1945. 99.8 F7692

22219 BRIGHTWELL, L. R. Animal citizens of tomorrow. Field 186: 165-166. Aug. 18, 1945. 10 F46  
People's Dispensary for Sick Animals, Ilford, Eng.

22220 BRYCE, D. Penicillin for mastitis. Tex. Livestock J. 4(9): 51, 54, 74. Sept. 1945. 49 T29

22221 \*CARPANO, M. Sulle due fasi endo ed esocitocitarie del ciclo evolutivo della Theileria parva (Theiler, 1904) e del Plasmodium gallinaceum Brumpt, 1935, nell'ospite vertebrato. Riv. di Parassitol. 6: 187-211. Dec. 1942. Ref. 436.8 R52

22222 CHLADEK, V. A suggestion concerning international veterinary relations. Vet. Rec. 57: 407. Sept. 1, 1945. 41.8 V641

22223 \*CHOWDHURY, H. K. N. Glucose in veterinary practice. Indian Vet. J. 22: 59-61. July 1945. 41.8 In2

22224 COLLERY, L. Note on the physiology of the mammalian epididymis and spermatozoon. Roy. Irish Acad. Proc. Sect. B 49: 213-223. Feb. 1944. Ref. 444 C682

22225 \*DHAR, S. M. Subcutaneous emphysema. Indian Vet. J. 22: 57. July 1945. 41.8 In2

22226 DOYLE, T. M. Vaccination against John's disease. Vet. Rec. 57: 385-387. Aug. 18, 1945. 41.8 V641

22227 EBRIGHT, R. E., HUNTER, F., and DONEY, C. Operation of an animal blood bank. Vet. Student 8 (1): 9-12. Summer 1945. 41.8 V6425

22228 FARQUHARSON, J. Fundamentals of surgical technic. North Amer. Vet. 26: 591-597. Oct. 1945. 41.8 N812

22229 FETHERS, G. A veterinary medicine miscellany. Past. Rev. 55: 513-514. July 16, 1945. 23 Au75  
Drugs.

22230 FLYNN, J. A. The veterinary profession in the service of the nation. Vet. Rec. 57: 405-407. Sept. 1, 1945. 41.8 V641  
Ire.

22231 FOSS, J. O. Moldy grain can cause livestock losses. N. Dak. Agr. Expt. Sta. Bimo. B. 7 (6): 16. July/Aug. 1945. 100 N813B

22232 GENDREAU, L. A. Some problems met by a practitioner. Canad. J. Compar. Med. 9: 205-209. Aug. 1945. 41.8 C162

22233 GILYARD, R. T. Bat transmitted paralytic rabies. Cornell Vet. 35: 195-209. July 1945. 41.8 C81

22234 GÓMEZ ESCAMILLA, H. La medicina veterinaria en Mexico. Fomento [monthly], 1(8): 4, 25. June 1944. 8 F734

22235 GREVE S., G. Lo que se ha hecho contra la aftosa en Chile. Agrario 8(340): 11. June 15, 1945. 9.3 Ag85

22236 GURY DOHMEN, E. F. Importancia del botiquín en el establecimiento ganadero. Tambo y Chacra 16(631): 7-8. Aug. 1945. 44.8 T15

22237 HARRIS, T. W. Subjective observations on brucellosis. North Amer. Vet. 26: 598-599. Oct. 1945. 41.8 N812

Different types and detection in man.



- 22238 HENRY, M. Presidential address. Austral. Vet. J. 21: 54-56. June 1945. 41.8 Au72  
Delivered before the Australia Veterinary Association on the history of veterinary medicine.
- 22239 \*JACOB, M. M. A propósito de uma crítica (a mamite aguda em Portugal). Rev. de Med. Vet. Lisboa, 40(312): 61-77. Jan./Apr. 1945. 41.8 R3215  
Refers to man and animals.
- 22240 \*KELCH, F. Ueber die herstellung reiner O-seren für die typendifferenzierung der paratyphus-enteritis-gruppe. Tierärztl. Z., No. 3, p. 38-41. Dec. 1944. 41.8 T444
- 22241 \*KREPS, E. M. Izmenenie aktivnosti fermentov kak sposob regulatsii funktsii zhivotnogo organizma (The variations in activity of enzymes as a means of regulation of functions in the animal body). Akad. Nauk S. S. R. Izv. Ser. Biol., No. 2, p. 197-209. 1945. 511 Sa2B  
English summary.
- 22242 \*LÓPEZ GÓMEZ, R. La importancia de la vacunación en ganadería. Ganadería [Madrid] 3: 183-184. Mar. 1945. 49 G15
- 22243 \*LÓPEZ Y LÓPEZ, C. Suelo y enfermedades. Ganadería [Madrid] 3: 162-164. Mar. 1945. 49 G15  
Deficient and infested soils related to diseases.
- 22244 MCCONNELL, W. C. Salt water and oil pollution and its relation to live stock losses. North Amer. Vet. 26: 600-601. Oct. 1945. 41.8 N812
- 22245 MARTÍN N., A. Parasitos en los animales. Campo [Guadalajara], 13: 129. July 1945. 8 G76  
Worms.
- 22246 \*MATHESON, D. C. A further analysis of case records, etc. Indian Vet. J. 22: 32-33. (Concl.?) July 1945. 41.8 In2  
Laboratory records, January 1914 to December 1939, from the Royal (Dick) Veterinary College, Edinburgh.
- 22247 MAYO, N. S. Reminiscences. VIII. Vet. Med. 40: 350-352. Oct. 1945. 41.8 M69  
Nelson S. Mayo's recollections of his veterinary practice and veterinarians he has known.
- 22248 MORCOS, Z. Preparation of penicillin and its veterinary application. Vet. Rec. 57: 425. Sept. 15, 1945. 41.8 V641
- 22249 \*MUDALIAR, S. V., and RAMANUJACHARY, G. Schistosoma nairi n. sp. from an elephant. Indian Vet. J. 22: 1-4. July 1945. 41.8 In2
- 22250 MURTAGH, J. N. Síntesis histórica de la medicina veterinaria Argentina, año 1853-1943. Asoc. Argentina Criadores de Cerdos. Rev. 24(275): 19, 23-24, 27. July 1945. 46.9 As5
- 22251 NYASALAND. VETERINARY DEPT. Report, 1944, 4 p. Zomba, 1945. 41.9 N98
- 22252 POLSON, A. An electrophoresis apparatus for the rapid routine analysis of sera and other protein solutions. Onderstepoort J. Vet. Sci. and Anim. Indus. 20: 159-163. Apr. 1945. 41.8 On1
- 22253 PURCHASE, H. S. A simple and rapid method for demonstrating Rickettsia ruminantium (Cowdry, 1925) in heartwater brains. Vet. Rec. 57: 413-414. Sept. 8, 1945. 41.8 V641
- 22254 QUIROGA, S. S. Importancia del estudio de las Salmonellas. Suelo Argentino 4: 454, 464. July 1945. 9 Su2
- 22255 E. Digestion in live stock. Farmers' Gaz. [Dublin], 103: 468. Aug. 18, 1945. 10 F221
- 22256 RIX, J. G. General anaesthesia by intravenous injection of chloral hydrate combined with sodium citrate as used by the French Army Veterinary Service in North Africa. Roy. Army Vet. Corps. J. 16: 234. Aug. 1945. 41.8 G79
- 22257 \*ROOTS, E. Zur herstellung von bakterien-nährböden aus trypsinverdaulichem fleisch. Tierärztl. Z., No. 1, p. 10. Oct. 1944. 41.8 T444
- 22258 ROSENBUSCH, F. Función de la medicina veterinaria. Asoc. Argentina Criadores de Cerdos. Rev. 24(276): 17, 19, 23, 25-27. Aug. 1945. 46.9 As5
- 22259 SBARIGGI, C. Distocia; materna, fetal, (independiente de presentaciones y posiciones). Cir. Med. Vet. de la Prov. de Buenos Aires. Rev. 8, 1. e. 9: 109-110, 112-128. May/June 1945. 41.9 C49
- 22260 SOUZA PIZA, M. DE. Metabolimetrica indirecta. Rev. de Agr. Piracicaba, 20(1/2): 1-18. Jan./Feb. 1945. 9.2 R324  
In livestock.
- 22261 STEIN, C. D. The history and distribution of anthrax in livestock in the United States. Vet. Med. 40: 340-349. Oct. 1945. 41.8 M69
- 22262 STEVENSON, W. G. Recent progress in veterinary medicine. Canad. J. Compar. Med. 9: 210-214. Aug. 1945. 41.8 C162  
Includes discussion of penicillin and the sulfa drugs.
- 22263 STEYN, D. G. Fungus-infected and fermented stock feed. Farming in So. Africa 20: 429-430, 448. July 1945. 24 So842
- 22264 STEYN, D. G. Krimsiekte in stock. Farming in So. Africa 20: 410-412. July 1945. 24 So842  
Caused by ingestion of various species of Cotyledon.
- 22265 STEYN, D. G. Poisoning of stock on old and harvested lands. Farming in So. Africa 20: 419-422, 436. July 1945. 24 So842
- 22266 STEYN, D. G. Slangkop [Urginea] and tulip [Hemeria and Moraea] poisoning in stock. Farming in So. Africa 20: 437-440. July 1945. 24 So842
- 22267 STURA, C. A. Técnica para desecar y liofilizar por el congelamiento y el alto vacío; preparación, concentración y conservación de sueros, plasmas, vacunas, antígenos, virus y cepas microbianas para uso veterinario. Gac. Vet. 7(33): 11-60. Jan./Feb. 1945. 41.8 G112
- 22268 THORNBURG, M. G. Veterinarians and feed industry must work in close cooperation. Feed Bag 21(8): 41, 89-90. Aug. 1945. 389.78 F32
- 22269 \*TUREVICH, E. I. Novye dannye v uchenii o beshestve (New data in the doctrine of the rabies). Zhur. Mikrobiol. Epidemiol. i Immunobiol., No. 1/2, p. 64-73. 1945. 448.3 Z4
- 22270 TYSSOWSKI, J. What's being done about Bangs in Virginia. East. Breeder 7(4): 62-65. Sept. 1945. 49 V81
- 22271 UGANDA. VETERINARY DEPT. Annual report, 1944, 12 p. Entebbe, 1945. 41.9 Ugl
- 22272 VARELA BARROS, L. A. La acción social del médico veterinario. Buenos Aires. Dir. de Ganad. B. de Ganad. 1(1): 49-50. Oct. 1944. 49 B86
- 22273 \*VÉLAT, P. Le tétanos - comment le prévenir. Rev. des Agr. de France 75: 200. July 1941. 14 R525
- 22274 VITAMIN E in veterinary and clinical medicine. Borden's Rev. Nutr. Res., v. 6, No. 7, 12 p. Sept. 1945. Ref. 389.8 B64
- 22275 WAGNON, K. A. Durango root [Datisca glomerata], poisons livestock. Calif. Cult. 92: 496-497. Sept. 15, 1945. 6 C12
- 22276 WEBB, R. M. The lymph nodes of the head and neck in the domestic animals. Austral. Vet. J. 20: 181-188. Feb. 1944. 41.8 Au72
- 22277 \*WEISCHER, F. Die "doppelstichnaht" für die tierärztliche praxis. Tierärztl. Z., No. 1, p. 10. Oct. 1944. 41.8 T444
- 22278 WHITLOCK, J. H. Anthelmintic bioassay of simple saturated hydrocarbons. Cornell Vet. 35: 214-220. July 1945. 41.8 C81
- 22279 WILLIAMS, W. L. Recollections of and reflections upon sixty-five years in the veterinary profession. Cornell Vet. 35: 231-269. (Concl.) July 1945. Ref., p. 264-269. 41.8 C81
- 22280 WINKELRIED BERTONI, A. DE. Los buitres y el carbunclo. Paraguay. Min. de Agr. Cartilla Agropecuaria, No. 75/77. p. 4-6. Jan./Mar. 1945. 9.7 Ec72



## MISCELLANEOUS

- 22281 BEAMISH, H. V. When nature is defied. Field 186; 85. July 28, 1945. 10 P45  
Value of raising livestock under natural conditions.
- 22282 BETTINI, T. M. L'allevamento del bestiame in Migiurtinia. Agr. Colon. 35: 177-194, 225-232. May-June 1941. 26 Ag82  
Last part devoted to camels.
- 22283 BOCETA DURAN, V. Colonización y ganadería. Agricultura [Madrid]. Sup. de Colon., No. 3, p. 34-38. May 1945. 15 Ag84B
- 22284 BUONO, R. P. DEL. Original y práctico sistema para la marcación de ganado; aplicación y control. Pampa Argentina 19(215): 10-11. July 1945. 9 P19
- 22285 GALINDO GARCÍA, F. Natura, sabia maestra; velocidad de crecimiento en las crías y composición de la leche específica. Ganadería [Madrid] 3: 228-232. Apr. 1945. 49 G15  
Livestock in general.
- 22286 GIBBARD, G. The improvement of livestock. N. F. U. Rec. 23: 229. Sept. 1945. 281.8 N21  
In Great Britain.
- 22287 GORNÉS GÓMEZ, E. La ganadería en Marruecos. Ganadería [Madrid] 3: 140-145. Mar. 1945. 49 G15
- 22288 HUNT, R. E. Liquidate the scrub sire. South. Planter 106(9): 10. Sept. 1945. 6 So89  
Performance testing.
- 22289 KIRCHER, W. H. Norway - a nation of small farms; livestock still on war rations but breeding herds are intact. Farmer [St. Paul], Gen. Ed. 63 (17): 1, 6, 26. Sept. 1, 1945. 6 F2211
- 22290 LOSKY, R. Cremación de los cadáveres de los animales en las haciendas. Rev. Ganad. [Lima], No. 51, p. 25-26. Apr. 1944. 49 R325  
For prevention of disease.
- 22291 MACEWAN, G. All-Western livestock champions. Country Guide 64(9): 11, 44-45. Sept. 1945. 7 G76
- 22292 MORALES Y FRAILE, E. Lo que era la ganadería húngara. Ganadería [Madrid] 3: 146-152. Mar. 1945. 49 G15
- 22293 ORLOV, P. M. Voprosy stereofotogrammetrii [Questions of stereo-photogrammetry]. Moskov. Ordena Lenina Sel'skokhoz. Akad. im. K. A. Timiriazeva. Trud., No. 32, 36 p. Moskva, 1945. 106 M852T  
Includes Stereofotos [enka i izmerenie sel'skokhoziaistvennykh zhivotnykh] Stereo-photography and measurement of livestock, p. 33-37.
- 22294 PICCOLI, G. Le iniziative dei servizi agrari dell'Amara nel campo zootecnico. Agr. Colon. 35: 289-294. July 1941. 26 Ag82
- 22295 POSEY, W. T. Value of boys' breeding classes shown in livestock shows. Sheep and Goat Raiser 25(12): 32. Sept. 1945. 45.8 Sh3  
FFA and 4-H Club boys.
- 22296 SANTACRUZ, G. El camello, sus diferentes aptitudes. Ganadería [Madrid] 3: 103-107. Feb. 1945. 49 G15
- 22297 SCHWABER, H. Herbstarbeiten in der Kleintierhaltung. Landesbauernschaft Moselland. Wchnbl., No. 46, p. 590. Nov. 13, 1943. 18 L2328
- 22298 STOTZ, Stalldesinfektion mit kalkstickstoff. Landesbauernschaft Moselland. Wchnbl., No. 42, p. 537. Oct. 16, 1943. 18 L2328
- 22299 TALEGÓN HERAS, F. Medios de fomento ganadero. Ganadería [Madrid] 3: 177-180. (Concl.) Mar. 1945. 49 G15
- 22300 WILLIAMSON, F. 4-square, 4-H boy and girl. Prog. Farmer, Miss.-Ark.-La. Ed. 60(10): 30. Oct. 1945. 6 So81  
Describing their work with livestock.
- 22301 WOODIN, R. J. A study in Future Farmer projects. Holstein-Friesian World 42: 1274, 1282, 1366. Sept. 1, 1945. 43.8 H742

## CATTLE

## Breeds and Breeding

- 22302 AMERICAN HEREFORD ASSOCIATION. Herefords, the beef breed supreme. Tex. Livestock J. 4(9): 39. (Concl.) Sept. 1945. 49 T29
- 22303 ARELLANO B., R. Inseminación artificial en el ganado vacuno. Agr. Mex. 61(5): 1-8. June 1945. 8 Ag8
- 22304 ASHTON, J. Use of improved Hereford blood revolutionized beef production. Amer. Hereford J. 36(9): 25, 125. Sept. 1, 1945. 43.8 Am32  
Author incorporates letters of Frank S. Hastings.
- 22305 BAILEY, J. What causes breeding troubles? Guernsey Breeders' J. 68: 393, 410. Sept. 1, 1945. 43.8 G93
- 22306 BARBOSA, J. Porque o Zebú se impoz ao aperfeiçoamento e á recría. Soc. Coop. da Indús. Pecuaria do Pará. B. 13(55): 3-5. Mar./Apr. 1945. 280.2409 Sol
- 22307 BARTLETT, S. It's their color that does it. Aberdeen-Angus J. 27(2): 31, 132. Sept. 1945. 43.8 Ab3
- 22308 BATTLES, O. V. How the "Doddies" grew in the West. West. Livestock J. 23(54): 96, 98. Sept. 1945. 6 F2278  
Aberdeen-Angus.
- 22309 BOYD, H. M. Brampton Oxford Blonde. Jersey B. 64: 1201, 1237-1238. Sept. 5, 1945. 43.8 J48
- 22310 BROWN, I. The story of a grand old cow. Aberdeen-Angus J. 27(2): 40. Sept. 1945. 43.8 Ab3
- 22311 CRUZ A., M. La raza Brown Swiss. Guatemala. Dir. Gen. de Agr. Rev. Agr. 1: 399-400. Apr. 1945. 8 G934
- 22312 DAY, D. I. Harshmans build good herd. Shorthorn World 30(11): 18-20. Aug. 25, 1945. 43.8 Sh8
- 22313 GAY, C. W. The hundred percent dehorner; polled inheritance follows the simple Mendelian formula. Shorthorn World 30(11): 35. Aug. 25, 1945. 43.8 Sh8
- 22314 GEDDES, H. J. No short-cuts to herd betterment; use of progeny-tested bulls are only way to raise production in dairy cattle. Live Stock B., Aug. 1, 1945, p. 26-27. 23 F222
- 22315 GOBBLE, C. F. What American colleges are doing to better the Blacks; Purdue University. Aberdeen-Angus J. 27(2): 41, 126-127. Sept. 1945. 43.8 Ab3
- 22316 HAHNE, D. Angus Cattle Company of Colorado. Aberdeen-Angus J. 27(2): 56, 60, 62. Sept. 1945. 43.8 Ab3
- 22317 HAUBRICH, W. Safeguard half your herd [the bull]. Holstein-Friesian World 42: 1330. Sept. 1, 1945. 43.8 H742  
Reprinted from "New England Bulletin."
- 22318 HELLBUSCH, C. E. Permanent pasture put Sellman Brothers in Hereford business. West. Farm Life 47(14): 32. Sept. 1, 1945. 6 R153
- 22319 HENDERSON, C. Bull psychology; where does the cow come in? Country Life [Sydney] 56(53): 5. July 20, 1945. 286.85 Sy2  
Modern breeding methods discussed.
- 22320 HENDERSON, S. J., and WILLIAMS, C. E. The versatile Blacks thrive in all climates; in northern Canada; in Florida. Aberdeen-Angus J. 27(2): 38-39, 112, 114, 116. Sept. 1945. 43.8 Ab3  
Canada, by S. J. Henderson; Florida, by C. E. Williams.
- 22321 HOLMES, G. A. That roast beef complex. Farmers Weekly [London] 23(7): 27, 31. Aug. 17, 1945. 10 F2226  
Discussion of dual purpose cattle.
- 22322 JACOB, K. C. Breeds of cattle and their staple fodder grasses. Madras Agr. J. 32: 151-152. May/July 1944. 22 M262



22323 JARRETT, R. M. Bull salvaged by artificial insemination. *Vet. Med.* 40: 358. Oct. 1945. 41.8 M69

22324 KENNEY, R. Record of decline. *Farmers Weekly* [London] 23(7): 31. Aug. 17, 1945. 10 F2226

Effect of the dairy sire.

22325 LIEBERS, O. H. Experiences in breeding. *Guernsey Breeders' J.* 68: 399-402. Sept. 1, 1945. 43.8 G93

Description of a farm.

22326 LINN, M. D. Tips on artificial breeding of beef cattle. *West. Livestock J.* 23(54): 36-37. 82. Sept. 1945. 6 W2278

22327 LYNN, C. J. What fools these mortals be. *Shorthorn World* 30(11): 35-36. Aug. 25, 1945. 43.8 Sh8

Shorthorns from standpoint of different colors.

22328 MCGREGOR, W. A. Beef week brings a prediction on future of Angus. *Westerner* 8(8): 9, 85. Sept. 1945. 49 W522

22329 MENDES, E. Zebús de um milhão. *Soc. Coop. da Indús. Pecuária do Pará. B.* 13(55): 10-11. Mar./Apr. 1945. 280.2409 Sol

22330 MILLER, J. C. Selection of breeding animals determines future of your herd. *South. Stockman* 5(9): 22-25, 114. Sept. 1945. 49 So83  
Beef cattle.

22331 \*MOHYUDDIN, A. H. Kumauni hill cattle. *Indian Farming* 6: 12-14. Jan. 1945. 22 In283  
A local breed of draft cattle.

22332 MONOD, L., ed. Red Poll herd book of Australia, v. 12, 326 p. Melbourne, Red Poll Cattle Breeders' Association of Australia, 1944. 43.9 R244  
Bulls 3288-3736; cows 6040-9263.

22333 MONTGOMERY, G. A. Beef crossbreds yield bigger profits. *Capper's Farmer* 56(9): 11, 24. Sept. 1945. 6 M693

22334 MORAES FILHO, R. V. DE. El Zebu como factor decisivo en el mejoramiento del ganado paraguayo. *Paraguay. Min. de Agr. Rev., No. 10*, p. 49-52. June 1945. 9.7 Ag8Re

22335 MORRIS, D. J. The A. P. George ranch. *Tex. Livestock J.* 4(9): 49. (Concl.) Sept. 1945. 49 T29

Cross-breeding of Brahmas and Shorthorns.

22336 NAVARRO, R. G. El ganado cabd. Mex. *Sec. de Relac. Exteriores. Rev. del Com. Exterior* 10 (3): 17-22; (4): 19-23. Mar.-Apr. 1945. 286.8 M575

22337 OLIVEIRA, L. C. DE. Contribuição ao estudo das possibilidades da raça Gir. *Soc. Coop. da Indús. Pecuária do Pará. B.* 13(55): 26-28. Mar./Apr. 1945. 280.2409 Sol

22338 OLMSTEAD, R. H. Better dairy herds through artificial breeding. *Pa. Farmer* 133: 135. Sept. 22, 1945. 6 P383

Artificial breeding cooperatives.

22339 ORTEGA PARIS, F. Selección de vacas normandas de tipo lechero. *Agr. Trop.* 1(6): 25-27. July 15, 1945. 26 Ag8

22340 PARKER, H. Sterility isn't that simple. *Hoard's Dairyman* 90: 522. Sept. 25, 1945. 44.8 H65

22341 PERAZA, V. M. Mas leche, mas carne, mas huevos se obtiene con los animales de doble propósito. *Liborio* 5(8): 9. Aug. 1945. 45.8 V41

22342 \*PICCOLI, G. Sull' opportunità di istituire dei centri di fecondazione artificiale bovina nell'Africa Orientale Italiana. *Agr. Colon.* 35: 443-446. Dec. 1941. 26 Ag82

22343 \*QUINTANILLA, C. F. Algo sobre la selección del toro semental. *Ganadería [Madrid]* 3: 174-176. Mar. 1945. 49 G15

22344 RACICOT, A. Raising Guernseys at Mare Island. *Guernsey Breeders' J.* 68: 665-666, 678. Oct. 1, 1945. 43.8 G93

22345 ROHRBECK, E. H. Bull club expands thru artificial breeding. *Holstein-Friesian World* 42: 1326-1327. Sept. 1, 1945. 43.8 H742

22346 SALINAS M., J. Influencia del toro de pedigree en la obtención de vacas de alta producción. *Unión Agr. del Sur* 3(17): 32. May 1945. 9.3 Un3

22347 SANDERS, A. H. History of Aberdeen-Angus cattle. *Aberdeen-Angus J.* 27(2): 54, 82-84, 88, 92, 94. (Cont.) Sept. 1945. 43.8 Ab3

"It is hoped that the material again may be published as a book when conditions are propitious."

22348 \*SCHLICHT, E. Leistungssteigerung durch organisation der sterilitätsbekämpfung. *Tierärztl. Z., No. 3*, p. 33-35. Dec. 1944. 41.8 T444

In cattle.

22349 SEARS, G. A. A study of heritable characteristics of dual-purpose Polled Shorthorn cattle. *Milking Shorthorn J.* 26(9): 3-4. (Concl.) Sept. 1945. 43.8 M59

22350 SEGURADO, M. N. O Zebu para carne. *Soc. Coop. da Indús. Pecuária do Pará. B.* 13(55): 8-9. Mar./Apr. 1945. 280.2409 Sol

22351 \*SESHAYYA, R. A plea for reviving the Omblachery breed of cattle in the Tanjore District. *Madras Agr. J.* 31: 148-150. May 1945. 22 M262  
Draft cattle.

22352 SHAW, A. O. Man is more important than land. *East. Breeder* 7(5): 72. Oct. 1945. 49 V81  
Description of certain high-record Jerseys.

22353 SMITH, A. D. B. Is the dual purpose beast England's idea of compromise? *Live Stock B., Aug.* 1, 1945, p. 42-43. 23 F222

22354 TAUSIG, S. "Proven bulls" and proven bulls. *Holstein-Friesian World* 42: 1406-1407. Sept. 15, 1945. 43.8 H742

22355 VAN SANT, W. R. A sound breeding program for dairy cattle. *Ark. Farmer* 24(18): 26. Sept. 22, 1945. 6 Ar44

22356 WALTERS, T. G. F. F. A boy becomes live stock breeder. *Aberdeen-Angus J.* 27(2): 49. Sept. 1945. 43.8 Ab3

Article unfinished.

22357 WATSON, W. P. Address on artificial insemination. *Canad. Guernsey Breeders J.* 19(4, 1. e 3): 3-5. Aug. 1945. 43.8 C163

Mainly concerning cattle cooperatives.

22358 WILLOUGHBY, C. H. Guernseys make progress in Fla. with two cows near the top. *Fla. Poultryman and Stockman* 11(9/10): 25. Sept./Oct. 1945. 47.8 F66

22359 ZACK, F. J. The new breeder -- a tribute to the old. *Aberdeen-Angus J.* 27(2): 36-138. Sept. 1945. 43.8 Ab3

#### Feeds and Feeding

22360 \*AGENJO CECILIA, C. Necesidades nutritivas de las vacas lecheras. *Ganadería [Madrid]* 3: 76-78. Feb. 1945. 49 G15

22361 AMAIS, D. De l'alimentation des vaches laitières à Saint-Martin. *Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.)* 2: 110-114. July 1945. 8 R327

22362 ATHANASSOF, N. Criação de bovinos. *Rev. de Agr. [Piracicaba]* 20(1/2): 59-61. Jan./Feb. 1945. 9.2 R324

Mainly about feeding dairy cattle.

22363 BERSFORD, R. Corn---key to cattle feeding picture. *Iowa Farm Econ.* 11(8): 15. Aug. 1945. 275.28 Io92

22364 BLACK, S. L., and MCCLYMONT, G. L. Calf rearing. *Agr. Gaz. N. S. Wales* 56: 321-324. (Concl.) July 1, 1945. 23 N472

Mainly on feeding.

22365 BOHSTEDT, G. Preserving carotene. *Hoard's Dairyman* 90: 471. Sept. 10, 1945. 44.8 H65

22366 CANNON, C. Y. The nutrition of the bull. *Iowa Vet.* 16(5): 11-16, 26. Sept./Oct. 1945. 41.8 Io9



- 22367 CONNELL, W. E., and TOM, R. C. Coes sorghum proves good feed for cattle fattening; wheat is good corn substitute. Colo. Farm B. [Colo. Sta.] 7(4): 3-5. July/Aug. 1945. 100 C71S  
Experimenting with various locally-grown feeds.
- 22368 CONNELL, W. E., and others. Potatoes increase value of corn fodder and alfalfa hay silages for cattle feed. Colo. Farm B. [Colo. Sta.] 7(4): 7, 12-14. July/Aug. 1945. 100 C71S  
L. E. Washburn, R. C. Tom, E. M. Mervine, and H. H. Kob, joint authors.  
Compared with other feeds.
- 22369 DINHAUSER, F. Gesunde kälberaufzucht mit ausreichenden tagestetgaben. Landesbauernschaft Moselland. Wchnbl., No. 48, p. 610. Nov. 27, 1943. 18 L2328
- 22370 ESPLIN, A. L., and others. Largest, cheapest gains obtained from wet beet pulp in lamb feeding experiment. Colo. Farm B. [Colo. Sta.] 7(4): 5-9. July/Aug. 1945. 100 C71S  
W. E. Connell, L. E. Washburn, R. C. Tom, E. M. Mervine, and H. H. Kob, joint authors.  
Compared with other feeds.
- 22371 GOETTLER, B. On grass at night -- in dry lot in daytime fattens cattle cheaper. Prairie Farmer, Ind. Ed. 117(18): 10. Sept. 1, 1945. 6 P883C
- 22372 HALLE, H. G. I don't like caviar every day. Milking Shorthorn J. 26(9): 12-13. Sept. 1945. 43.8 M59  
Feeding cattle on a weed pasture.
- 22373 KULIKOV, G. Obespechit' vysokuyu produktivnost' skota v stoilovyy period [Ensuring a high productivity of cattle during the stall period]. Kolkhoz. Proizvod. 5(1/2): 25-26. Jan./Feb. 1945. 281.8 K83
- 22374 LADD, J. E. Pastures help stretch grain for dairy cattle. R. I. State Col. Ext. Better Rural Life 6(9): 4. Sept. 1945. 275.29 R34B
- 22375 LOOSLI, J. K., and others. Recommended nutrient allowances for dairy cattle. Natl. Res. Council. Com. Anim. Nutr. Recom. Nutr. Allowances Dom. Anim., No. 3, 21 p. Washington, D. C., 1944. Ref. 389.7 N2122  
C. F. Huffman, W. E. Peterson, and P. H. Phillips, joint authors.
- 22376 MCMUNN, E. W. They're really roughage burners. Ohio Farmer 196(5): 5. Sept. 1, 1945. 6 Oh3  
Hay and pasture program for dairy cattle.
- 22377 MEISNER, Markstammkohl, eine eiweissreiche futterpflanze. Landesbauernschaft Moselland. Wchnbl., No. 27, p. 287. July 1, 1944. 18 L2328  
For cattle.
- 22378 NIESCHLAG, Deutsches rapenschrot, ein wertvolles milchviehfutter. Landesbauernschaft Moselland. Wchnbl., No. 39, p. 503. Sept. 25, 1943. 18 L2328
- 22379 NORDFELDT, S. Utfodringsförsök med kalvar och ungdjur [Feeding experiments with calves and young stock]. Försök och Forskning 2: 70-71. May 1945. 11 F77
- 22380 PAGE, E. Alimentos concentrados; alimento bien sus vacas y le daran mas leche y mejores crias. Vida Rural 6(70): 17. May 1945. 9.4 V66
- 22381 PRASAD, K. Calf feeding with minimum whole milk. Indian Farming 6: 217-218. May 1945. 22 In283
- 22382 RUSOFF, L. L. The digestibility of alyce clover hay and native grass hay. Dairy Res. Digest [La. Sta.] 3(3): 1. Sept. 1945. 44.8 D1429  
Unpublished results of L. L. Rusoff, D. M. Seath, and G. D. Miller.
- 22383 SEABER, W. M. Cattle-food concentrates. Fert., Feed. Stuffs and Farm Supplies J. 31: 482-484, 535, 537-538. Aug. 15, Sept. 12, 1945. 57.8 F413
- 22384 SHEEHY, E. J. Utilisation of food by live stock. Farmers' Gaz. [Dublin] 103: 467. Aug. 18, 1945. 10 F221  
Extract from a broadcast.  
Mainly dairy cattle.
- 22385 WERNER, Kälbernährmehl spart milch bei der aufzucht. Landesbauernschaft Moselland. Wchnbl., No. 13, p. 208. Mar. 27, 1943. 18 L2328
- 22386 WILLIAMS, R. W. Cooked foods develop quality. Aberdeen-Angus J. 27(2): 50, 131-132. Sept. 1945. 43.8 Ab3
- 22387 WILSON, L. T. Profit by feeding the dry cow well. Popkess' Dairyman's J. 32(6): 5. Sept. 1945. 44.8 DL42
- 22388 WILSON, R. W. The measure of a bull; his calves. Amer. Hereford J. 36(9): 16, 128. Sept. 1, 1945. 43.8 Am32  
Winter feeding experiments carried out at the Texas Agricultural Experiment Station.

#### Veterinary Medicine

- 22389 AMOS, A. Grazing as a science. Farmers Weekly [London] 23(10): 27. Sept. 7, 1945. 10 F2226  
Bloat and its prevention in cattle.
- 22390 BAILEY, J. H. Scrotal hernia in a bull. Vet. Student 8(1): 42. Summer 1945. 41.8 V6425
- 22391 BETTINI, T. M. Una razza bovina resistente alle tripanosi: la razza N'Dama. Agr. Colon. 35: 22-25. Jan. 1941. Ref. 26 Ag82  
A breed peculiar to Africa.
- 22392 BOSE, R. N. Experiment of strepto-staphylo coccus vaccine in chronic mastitis [in a cow]. Indian Vet. J. 22: 58-59. July 1945. 41.8 In2
- 22393 BRUCE, R. H. Three-day scours in calves. North Amer. Vet. 26: 602-603. Oct. 1945. 41.8 N812
- 22394 BRUFORD, J. W., and FINCHAM, I. H. A phenothiazine trial in calves; an investigation into the possible toxicity of phenothiazine for calves, with observations on an unexpected outbreak of acute parasitic gastro-enteritis. Vet. Rec. 57: 421-424. Sept. 15, 1945. 41.8 V641
- 22395 CACERES Y MARTINEZ, A. R. Curso de ganado vacuno; principales enfermedades del ganado. VIII. Esterilidad, gestación y parto. Fomento [monthly], 2 (20): 17-19, 22. June 1945. 8 F734
- 22396 CHAPPELLIER, A., and RAUCOURT, M. Les traitements insecticides des prés-vergers. Action de l'arsenic sur les vaches laitières. Ann. des Epiphyt. (n. s.) 7: 119-128. 1941. 464.9 F84A
- 22397 COLETTI, A. Can mastitis be controlled? Hoard's Dairyman 90: 478-479. Sept. 10, 1945. 44.8 H65
- 22398 CONN, G. H. Calf vaccination for Bang's. Shorthorn World 30(11): 21-22. Aug. 25, 1945. 43.8 Sh8
- 22399 CROUSE, J. W. Bovine tuberculosis and its control. Moos 6(2): 10-11. Sept. 1945. 44.8 M78
- 22400 DURAN, J. J. Indicaciones sobre el cuidado del ganado vacuno. Agr. Mex. 61(5): 15-22. June 1945. 8 Ag8  
Diseases.
- 22401 EICKMANN, H. Eine neue impfung gegen das seuchenhafte verkalben (Bang-infektion). Landesbauernschaft Moselland. Wchnbl., No. 9, p. 143. Feb. 27, 1943. 18 L2328
- 22402 FIGUEROA, J. El problema económico de la brucelosis en el ganado vacuno. Campo [Guadalajara], 13: 123-125. July 1945. 8 G76
- 22403 FOSS, J. O., and NELSON, C. I. A case of mastitis [in cattle] due to Clostridium perfringens. North Amer. Vet. 26: 604-606. Oct. 1945. 41.8 N812
- 22404 GORRIE, C. J. R. Hair worm in calves prevented by suitable drenching; trichostrongylosis. Stock and Land 35(28): 3. July 11, 1945. 49 St63



- 22405 IOWA VETERINARY MEDICAL ASSOCIATION. Cattle disease forum. Iowa Vet. 16(5): 17-21. (Cont.) Sept./Oct. 1945. 41.8 Io9  
Brucellosis control in cattle.
- 22406 KAY, H. D. The secretion of milk in cattle and goats. Nature [London], 156: 159-162. Aug. 11, 1945. 472 N21
- 22407 KINGMAN, H. H. Heart failure in calves. Vet. Student 8(1): 34-35. Summer 1945. 41.8 V6425
- 22408 LAMPSON, C. G. Checking ravages of mastitis. Farmer & Stock-Breeder 59: 1245. Aug. 7, 1945. 10 F228
- 22409 LINK, K. P. The anticoagulant 3,3' methylenebis(4-hydroxycoumarin). Fed. Amer. Soc. Expt. Biol. Fed. Proc. 4: 176-182. June 1945. 442.9 F31P  
Causative agent of sweetclover disease in cattle.
- 22410 LLORENS, C. C., and LLORENS, M. A. Vacas machorras. Fed. Argentina de Coop. Tamberas. Rev. 4(48): 39-40. July 1945. 280.28 F31  
Mainly concerning diseases causing barrenness.
- 22411 MAHLER, E. J., and HARMON, H. Concurrent ketosis and hydrops of the allantois in a cow. Cornell Vet. 35: 276-277. July 1945. 41.8 C81
- 22412 MARSH, H. Leptospirosis in bovine icterohemoglobinuria. Amer. Vet. Med. Assoc. J. 107: 119-121. Sept. 1945. 41.8 Am3  
Diagnosed as leptospirosis.
- 22413 MITCHELL, D. T., and PEEVIE, W. G. G. The manufacture of anti-rinderpest spleen vaccine under field conditions in Tanganyika Territory. Onderstepoort J. Vet. Sci. and Anim. Indus. 20: 123-135. Apr. 1945. 41.8 On1
- 22414 NRITZ, W. O., and ALEXANDER, R. A. Immunization of cattle against heartwater and the control of the tick-borne diseases, redwater, gallsickness and heartwater. Onderstepoort J. Vet. Sci. and Anim. Indus. 20: 137-158. Apr. 1945. 41.8 On1
- 22415 NELSON, J. M. Gangrenous mastitis. Vet. Student 8(1): 40-41. Summer 1945. 41.8 V6425  
In cattle.
- 22416 PIRES, D. A. El porque de la vacuna cepa 19 B. A. I. en el aborto contagioso o infeccioso de las vacas. Hereford 11: 315-317. July/Aug. 1945. 43.8 H42
- 22417 POLLACK, N. Penicillin therapy in actinomycosis in a cow. Vet. Med. 40: 355. Oct. 1945. 41.8 M69
- 22418 POPE, C. Observations on the use of strain 19 vaccine in the field. Austral. Vet. J. 21: 68-69. June 1945. 41.8 Au72  
Cattle.
- 22419 \*PRASAD, B. M. Alum in the treatment of bovine piroplasmiasis. Indian Vet. J. 22: 56. July 1945. 41.8 In2
- 22420 PRICE, H. Metritis and pyometra; methods of diagnosis and treatment. Vet. Student 8(1): 20-25. Summer 1945. 41.8 V6425  
In cattle.
- 22421 RAINEY, J. W. An acute case of parturient haemoglobinaemia [in cattle]. Austral. Vet. J. 21: 73-74. June 1945. 41.8 Au72
- 22422 RIEMERSCHMID, G., and ELDER, J. S. The absorptivity for solar radiation of different coloured hairy coats of cattle. Onderstepoort J. Vet. Sci. and Anim. Indus. 20: 223-234. Apr. 1945. 41.8 On1
- 22423 \*RIVAS ROS, J. Las piroplasmiasis del ganado vacuno. Ganadería [Madrid] 3: 221-223. Apr. 1945. 49 G15  
Also describes the vector, Ixodes ricinus.
- 22424 \*SACCO, P. Latte ed afta epizootica. Azione Vet. 10: 159-160. Apr. 30, 1941. 41.8 Az3  
Immunization.
- 22425 SCHALM, O. W. Recommendations for the use of penicillin in the treatment of bovine mastitis. Calif. Dairyman 25(14): 11, 25. Sept. 1, 1945. 44.8 C12
- 22426 SCHOIJET PUPKEIN, A. Brucellosis en el vacuno. Agrario 9(359): 14. Apr. 16, 1945. 9.3 Ag85
- 22427 SEATH, D. M. High humidity not harmful to cows. Dairy Res. Digest [La. Sta.], 3(3): 1. Sept. 1945. 44.8 D1429  
Preliminary results of D. M. Seath and G. D. Miller.
- 22428 \*SERGENT, E., and others. Deuxième série de campagnes de prémunition contre les piroplasmiasis bovines en Afrique du Nord. Acad. d'Agr. de France. Compt. Rend. 26: 559-562. June 5, 1940. 14 P215Bc  
A. Donatien, L. Parrot, and F. Lestoquard, joint authors.
- 22429 SIMMONS, C. About mastitis control. Pacific Rural Press, North. Ed. 150: 117. Aug. 18, 1945. 6 F112  
In cattle.
- 22430 SMITH, J. A. B. Physiology of dairy cattle. I. Reproduction and lactation. J. Dairy Res. 14: 195-224. Mar. 1945. 44.8 J823  
An annotated bibliography.
- 22431 TALBOT, R. J. DE C. Strain 19 vaccination against contagious abortion in cattle. Preliminary report on a field trial in Victoria. Austral. Vet. J. 21: 67-68. June 1945. 41.8 Au72
- 22432 TICHHAUSER, L. A. The treatment of bovine mastitis. North Amer. Vet. 26: 588. Oct. 1945. 41.8 N812
- 22433 TORRENT, P. B. La guerra o mal de ojos de los vacunos y lanares; queratitis ulcerosa contagiosa de los bovinos y ovinos. Agrario 9(361): 14. May 15, 1945. 9.3 Ag85
- 22434 TROY, M. A. Defective atrial septum in the heart of a 3-month-old calf. Cornell Vet. 35: 278-281. July 1945. 41.8 C81
- 22435 \*VENKATACHALAM, V. Common cattle poisoning. Indian Farming 4: 571-575. Nov. 1943. 22 In283  
Mainly as a result of poisonous plants.
- 22436 WEBSTER, W. The field control of contagious pleuro-pneumonia. Austral. Vet. J. 21: 64-67. June 1945. 41.8 Au72

#### Miscellaneous

- 22437 ALAYZA ESCARDO, L. La ganadería en la selva de Madre de Dios. Rev. Ganad. [Lima], No. 52, p. 5, 7-8. Jan. 1945. 49 R325  
Historical treatment referring mainly to cattle.
- 22438 ANDREW, D. A. Mistaken kindness. Canad. Hereford Digest 3(3): 9. Sept. 1945. 43.8 G164  
Winter care.
- 22439 BARTON, W. M. Wye River Farms, Queens-town, Maryland. Aberdeen-Angus J. 27(2): 32, 139. Sept. 1945. 43.8 Ab3  
Diversified farm.
- 22440 \*BENJAMIN, K. T. Selection, purchase and despatch of cows and buffaloes from Sind to Madras Province. Indian Vet. J. 22: 38-40. July 1945. 41.8 In2  
Dairy cattle.
- 22441 \*BETTINI, T. M. L'allevamento dei bovini in Africa Orientale Italiana. Agr. Colon. 37: 240-243. (Concl.) Sept./Oct. 1943. Ref. 26 Ag82
- 22442 \*BETTINI, T. M. Il problema del miglioramento dei bovini ai Tropici con particolare riguardo all'Africa Orientale Italiana. Agr. Colon. 38: 8-22. Jan./Mar. 1944. 26 Ag82  
Italian version of the conference "Das problem der Rindviehverbesserung in den Tropen besonders in Hinblick auf Italienisch Ost-Afrika", tenuta a Vienna presso la 'Tierärztliche Hochschule' il 9 giugno per invito della 'Tierärztliche Gesellschaft' della stessa città.
- 22443 \*BOCETA DURAN, V. Apostillas a la forma de comprar en el extranjero el llamado ganado seleccionado, especialmente el vacuno lechero; orientaciones que podrían tenerse en cuenta para lo sucesivo. Ganadería [Madrid] 3: 224-225. Apr. 1945. 49 G15
- 22444 \*BOEGER, Schwarzbuntes Niederungsvieh im Höhengebiet. Landesbauernschaft Moselland. Wchnbl., No. 31, p. 407. July 31, 1943. 18 L2328



- 22445 \*BONGARTZ. Beste züchterische leistung auf gebiet der rindviehzucht in der Landesbauernschaft Moselland. Landesbauernschaft Moselland. Wchnbl., No. 27, p. 291. July 1, 1944. 18 L2328
- 22446 BRAYER, H. O. Colorado's [beef] cattle industry. Amer. Cattle Prod. 27(4): 8-10, 22-23. Sept. 1945. 49 P94
- 22447 BROWN, J. B., REDENBACHER, O. C., and CLINE, H. Selection, preparation, and presentation of cattle for sale. Aberdeen-Angus J. 27(2): 48, 130-131. Sept. 1945. 43.8 Ab3
- 22448 CAMERON, R. H. Progress of native [dairy] cattle at the African Veterinary Training Centre, Sangalo, North Kavirondo, 1933-1942. East African Agr. J. 11(1): 20-24. July 1945. 24 Ea74
- 22449 CHAPMAN, D. V. Some points every dairyman should have in mind. So. Austral. Dept. Agr. J. 48: 474-476. June 1945. 23 S084
- Description of an ideal dairy farm.
- 22450 CHITTENDEN, D. W. History of Hillcrest Herefords. East. Breeder 7(5): 68-70. Oct. 1945. 49 V81
- Description of a Hereford farm.
- 22451 COSLINE, H. L. Wanted - a ton more milk per cow. Amer. Agr. 142: 388. Sept. 15, 1945. 6 Am3
- 22452 CRISSEY, A. N. The best 4-H story I've ever heard. Hoard's Dairyman 90: 467. Sept. 10, 1945. 44.8 H65
- 22453 \*CUENCA, C. L. DE. Significado de los partos gemelares en la mejora zootécnica; un valioso auxiliar de la genética de los animales domésticos. Ganadería [Madrid] 3: 212-216. Apr. 1945. 49 G15
- 22454 CUMMINGS, C. M. The cost of a 1-day test. Guernsey Breeders' J. 68: 394-397. Sept. 1, 1945. 43.8 G93
- The cost in each State for Guernsey advanced register and herd improvement testing.
- 22455 DAY, G. E. Misrepresentation. Canad. Hereford Digest 3(3): 3. Sept. 1945. 43.8 Cl64
- In connection with shows and sales.
- 22456 DOUGLAS, J. R. The right way and the wrong. Shorthorn World 30(11): 17. Aug. 25, 1945. 43.8 Sh9
- General advice on building a beef cattle herd.
- 22457 F., D. When cows are restive during milking. Farmers' Gaz. [Dublin] 103: 491. Aug. 25, 1945. 10 F221
- 22458 \*FOLIN, C. B. De tekniska möjligheterna för att erhålla en hög mjölkavkastning och dennas ekonomiska betydelse (The possibilities of increasing the milk yield, and its importance of the economic point of view). K. Lantbruksakad. Tidskr. 84: 216-228. 1945. 104 Sw3
- English summary.
- 22459 GEORGE, K. Promoting youth and Milking Shorthorns. Milking Shorthorn J. 26(9): 20. Sept. 1945. 43.8 M59
- F. F. A. and 4-H Club boys sponsored by various commercial organizations.
- 22460 HANCOCK, J. J. Twin calf research at Ruakura. New Zeal. Dairy Exporter 20(12): 4-6. Aug. 1, 1945. 44.8 N484
- Directions as to the selection of identical twins and their use as material for research at the Ruakura Animal Research Station, Hamilton.
- 22461 \*HAUTION, R. Les sentiments affectifs des bovins. Rev. des Agr. de France 73: 263-264. Sept. 1941. 14 R325
- Dairy cattle.
- 22462 HOPSON, G. H. The job of milking. (Abs.) Natl. Butter and Cheese J. 36(9): 56. Sept. 1945. 286.85 B98Bu
- 22463 HYATT, G. Care for the dry cow properly. Md. Farmer 29(9): 2. Sept. 1945. 6 M362
- 22464 JOHNSON, L. Let's look at the Kuhrt Bros. record. West. Farm Life 47(14): 24, 33, 35. Sept. 1, 1945. 6 R153
- Description of a Shorthorn beef cattle ranch.
- 22465 \*KAURA, M. L. Deterioration of cattle in certain parts of India and its probable causes, with some practical suggestions to overcome them. Indian Vet. J. 22: 4-26. July 1945. Ref. 41.8 In2
- 22466 KEITH, A. Where milk and cream abound. Farmer & Stock-Breeder 59: 1359. Aug. 28, 1945. 10 F228
- Dairy industry in Argentina and herd classification of dairy cattle in the United States.
- 22467 \*KRISHNAMURTI, S. Grading of village buffaloes. Indian Vet. J. 22: 36-37. July 1945. 41.8 In2
- 22468 LEFFERT, H. Conversion; pioneer cattleman develops ranch from sagebrush. West. Livestock J. 23(54): 54-55. Sept. 1945. 6 F2278
- 22469 \*LENTZ. Regelmässige körperpflege steigert die milchleistung der kühe. Landesbauernschaft Moselland. Wchnbl., No. 48, p. 613. Nov. 27, 1943. 18 L2328
- 22470 \*LLARENA, S. DE. Producción de leche; influencia higiénica del ordeño. Agr. Levantino 10(120/121): 16-18. Nov./Dec. 1944. 15 Ag35
- 22471 LLOYD, E. W. Are older cattle a liability? Field 186: 93. July 28, 1945. 10 F45
- From the standpoint of culling dairy cattle.
- 22472 MACEWAN, J. W. G. Ten-point program for the beginner with beef cattle. Canad. Hereford Digest 3(3): 5, 16. Sept. 1945. 43.8 Cl64
- 22473 \*MCWHORTER, H. Proper naming of cattle. Aberdeen-Angus J. 27(2): 37, 127, 130. Sept. 1945. 43.8 Ab3
- 22474 \*MATALLANA VENTURA, S. Ordeño mecánico. Ganadería [Madrid] 3: 217-220. Apr. 1945. 49 G15
- 22475 MIRANDA, L. Estancia encantadora. Soc. Coop. de Indús. Pecuaria do Pará. B. 13(55): 17-18. Mar./Apr. 1945. 280.2409 Sol
- 22476 MISNER, E. G. Comparisons on a milk energy basis. Holstein-Friesian World 42: 1491. Sept. 15, 1945. 43.8 H742
- 22477 MOSTERT, T. Care of pregnant cattle. Farming in So. Africa 20: 354-356. June 1945. 24 So842
- 22478 NOAKES, R. E. South Africa develops her beef...in Southern Rhodesia. Farmer & Stock-Breeder 59: 1246. Aug. 7, 1945. 10 F228
- 22479 O'LOGHLEN, F. Hornless cattle policy vindicated. Country Life [Sydney] 56(54): 5. July 27, 1945. 286.85 Sy2
- 22480 PETERSON, W. E. Theory of correct milking methods. Primary Prod. [Sydney] 22(32): 10. Aug. 10, 1945. 23 P93
- 22481 PROTOGINO, J. La chacra argentina combinada con el tambo modelo. Campo [Buenos Aires] 29 (345): 6, 8-9, 22, 26-27. July 1945. 9 Cl5
- 22482 RAMIREZ S., C. A. El ternero de lechería como factor económico. Campesino [Santiago] 77: 275-276. May 1945. 9.3 Sol2
- 22483 \*RAO, K. M., and SATYANARAYANA, K. V. Grading up of buffaloes in Gudivada Taluk, (Kistna District). Indian Vet. J. 22: 37-38. July 1945. 41.8 In2
- 22484 \*SCHÖBEN. Die aufgaben der Glanvieh-züchter der Landesbauernschaft Moselland in der heutigen kriegszeit. Landesbauernschaft Moselland. Wchnbl., No. 3, p. 39. Jan. 16, 1943. 18 L2328
- 22485 SEATH, D. M. Are you a fast milker? Prog. Farmer, Miss.-Ark.-La. Ed. 60(9): 14. Sept. 1945. 6 So81
- 22486 SMITH, Q. Q. Home on the range in South Africa. South. Stockman 5(9): 8-9, 112. Sept. 1945. 49 So83
- 22487 \*THIEL, O. Wie gross ist der deutsche viehbestand? Landesbauernschaft Moselland. Wchnbl., No. 49, p. 620. Dec. 4, 1943. 18 L2328
- 22488 \*TILKES, P. Leistungssteigerung in der rindviehhaltung im kriege. Landesbauernschaft Moselland. Wchnbl., No. 3, p. 40. Jan. 16, 1943. 18 L2328



22489 TURNER, C. G. Cattle raising in Coastal Carolinas. East. Breeder 7(5): 55. Oct. 1945. 49 V81

Includes costs and returns on beef cattle.

22490 \*ULRICH. Allmählicher uebergang zur stallhaltung. Landesbauernschaft Moselland. Wchnbl., No. 46, p. 587. Nov. 13, 1943. 18 L2328  
Seasonal care of dairy cattle.

22491 \*W. Aus der arbeit der milchleistungsprüfungen. Landesbauernschaft Moselland. Wchnbl., No. 38, p. 490. Sept. 18, 1943. 18 L2328

22492 WARNER, E. A. Grooming show and sale cattle. Aberdeen-Angus J. 27(2): 45, 127. Sept. 1945. 43.8 Ab3

## DOGS AND CATS

### Breeds and Breeding

22493 THE BREEDS in brief. No. 42. Great Pyrenees. Amer. Kennel Gaz. 62(9): 25-26, 138-140. Sept. 1945. Ref. Beltsville Branch Libr.

22494 EVANS. Hunting over bench-bred Setters. Dog World 30(9): 21-22, 58-59. Sept. 1945. 48.8 D672

22495 GORDON, D. M. Boxer clinics. Dog World 30(9): 67-68. Sept. 1945. 48.8 D672

Description of a Boxer.

22496 J., W. Trimming the Cocker. Dog World 30(9): 52. Sept. 1945. 48.8 D672

Grooming the Cocker for the show ring.

22497 KEMPS, J. "Come-ons" and complexes; they go together in American dogdom. Amer. Kennel Gaz. 62(9): 20-21, 140-142. Sept. 1945. Beltsville Branch Libr.

Concerning the superiority of American breeds.

22498 ROBERSON, I., comp. The Greyhound stud book, v. 37, 1944, 447 p. Abilene, Kans., 1945. 48.8 N212

22499 HUSKIN, D. B. Breeding dual-purpose pups; the question: "art or science?" asked and answered. Part 1. Amer. Kennel Gaz. 62(9): 12-14, 145-146. Sept. 1945. Beltsville Branch Libr.

22500 SMITH, A. O. Armani dogs. Field 186: 175. Aug. 18, 1945. 10 F45

22501 SMITH, A. C. National dog of U. S. A. Field 186: 127. Aug. 4, 1945. 10 F45  
Boston terrier.

22502 SMITH, A. C. Stout-hearted dogs. Field 186: 21. July 7, 1945. 10 F45  
Sealyham, Dandie Dinmot, and Border terriers.

22503 YARHAM, E. R. Britain's oldest breed; the dog that deserves that distinction. Amer. Kennel Gaz. 62(9): 15-17, 137, 142-144. Sept. 1945. Beltsville Branch Libr.

Mastiff.

### Veterinary Medicine

22504 BEAMISH, H. V. Thoughts on canine distemper. Country Life [London], 98: 294. Aug. 17, 1945. 80 C83

22505 CHAPMAN, G. M. Museum of canine pathology. Vet. Med. 40: 353. Oct. 1945. 41.8 M69

22506 GREEN, R. C., and CARLSON, W. E. The immunization of foxes and dogs to distemper with ferret-passage virus. Amer. Vet. Med. Assoc. J. 107: 131-142. Sept. 1945. 41.8 Am3

22507 GRIFFIN, L. E. A case of incomplete diaphragm with displacement of organs in a cat. Turtox News 23: 133. Aug. 1945. 442.8 T86

22508 IRWIN, J. G. Sodium bisulfate poisoning in a dog. Vet. Med. 40: 357-358. Oct. 1945. 41.8 M69

22509 KALESKI, R. Dog poisoning is rife again. Country Life [Sydney], 56(51): 17. July 6, 1945. 286.85 Sy2

Describes various poisons and their treatment.

22510 \*KRUSHINSKIĬ, L. V. Vzaimootnoshenie mezhdu aktivno- i passivno-oboronitel'nyimi reaktsiiami u sobak (Interrelation between the active and passive defense reactions in dogs). Akad. Nauk S. S. S. R. Izv. Ser. Biol., No. 1, p. 79-91. 1945. 511 Sa2B

22511 \*LENORMANT, C. Les pasteurelloses humaines par morsures de chats. Presse Méd. 49: 946-948. Sept. 3/6, 1941. Ref. 448.8 P92

22512 MORROW, J. F. Urinary calculus in a bitch. Vet. Med. 40: 356. Oct. 1945. 41.8 M69

22513 MORSE, E. V. Verminous ascites in a dog. Cornell Vet. 35: 281-282. July 1945. 41.8 C81

22514 MICKS, C. E. Surgical removal of mammary tumors. North Amer. Vet. 26: 607-610. Oct. 1945. 41.8 N812

22515 SPRATLING, F. R. Pyometra in a sterilised bitch. Vet. Rec. 57: 389. Aug. 18, 1945. 41.8 V641

Discussion, p. 389-390.

22516 THOMPSON, S. W. Penicillin therapy in leptospirosis. Vet. Student 8(1): 41. Summer 1945. 41.8 V6425  
Dogs.

22517 TOOP, C. R. Some notes on canine distemper. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 59-62. Mar. 1945. 23 W52J

22518 TORRES, W. A. Rabies in Columbus, Ohio. Fed. Vet. 2(11): 5. (Concl.) Sept. 1945. 41.9 N212Na

In dogs.

22519 \*UEBERREITER, O. Luxatio antebrachii traumatica beim hund und bei der katze. Tierärztl. Z., No. 1, p. 3-7. Oct. 1944. 41.8 T444

22520 WOOLFE, D. T. Penicillin in acute diffuse peritonitis [in dogs]. Cornell Vet. 35: 277-278. July 1945. 41.8 C81

22521 WRIGHT, R. C. Treatment for whipworms in the dog. Vet. Med. 40: 354. Oct. 1945. 41.8 M69

22522 WYKOFF, M. H. Lymphatic leukemia [in a dog]. Vet. Student 8(1): 37-38. Summer 1945. 41.8 V6425

### Miscellaneous

22523 THE AKC and the ODT. Amer. Kennel Gaz. 62(9): 10-11, 145. Sept. 1945. Beltsville Branch Libr.

Cooperation of the American Kennel Club with Office of Defense Transportation as to shows.

22524 COLE, H. I. Cats in America. All-Pets Mag. 16(16): 30-33. Sept. 1945. 48.8 AL5

22525 DAVIS, E. El gato, un personaje independiente. Campesino [Santiago] 77: 285-286 May 1945. 9.3 Sol2

22526 AN ERA begins. Amer. Kennel Gaz. 62(9): 9-10. Sept. 1945. Beltsville Branch Libr.

Appreciation of the work of war dogs.

22527 FRANCIS, K. Y. Dog food market promises expansion. Milling and Feed 26(9): 5. Sept. 1945. 298.8 C162

Care.

22528 GILBERT, O. E. Your kittens' eyes. All-Pets Mag. 16(16): 33-35. Sept. 1945. 48.8 AL5  
Care.

22529 \*LAGARMA, J. La domesticidad de los animales; el perrito científico y el gato saltarin. Ganadería [Madrid] 3: 124-126. Feb. 1945. 49 G15

22530 MARTIN, T. F. The proper care of household pets. All-Pets Mag. 16(16): 25. Sept. 1945. 48.8 AL5

Dogs and cats.

22531 MERRITT, M. New Jersey 4-H boys and girls write a unique dog story. N. J. Agr. 27(4): 4-5. July/Aug. 1945. 275.28 N46

22532 SMITH, A. C. Canine friendship. Field 186: 151. Aug. 11, 1945. 10 F45



22533 STRANG, P. D. Rounding up razorbacks; meet the smart dogs that bring home the bacon. Amer. Kennel Gaz. 62(9): 18-19, 136-137. Sept. 1945. Beltsville Branch Libr.

Various breeds used to round up hogs.

22534 YARNHAM, E. R. Shepherds and their dogs; sidelights on British trials and training. New Zeal. Farmer Weekly 66(11): 10. July 26, 1945. 23 N484

#### HORSES AND MULES

##### Breeds and Breeding

22535 BRITTON, J. W., and HOWELL, C. E. Observations on sterility. Thoroughbred of Calif. 4(17): 28-29. (To be cont.) Sept. 1945. 42.8 T393

22536 CASTANEDO, J. A. Armonía de líneas. B. de Inform. Agr. del Gobierno Prov. de Las Villas 17(128): 16-17. Apr./June 1945. 8 Sa53  
The Arabian horse.

22537 \*CHOIN DU DOUBLE, P. DE. Le Charolais et ses entours avec ses richesses en chevaux. Rev. des Agr. de France 73: 358. Dec. 1941. 14 R325

22538 CULLEY, J. Those Cleveland Bays. West. Livestock J. 23(54): 132-134. Sept. 1945. 6 F2278

22539 DURRANT, J. M. Coat color inheritance in horses. Canad. Cattlemen 8: 62-63, 102. Sept. 1945. 49 C16

22540 \*GÓMEZ LAMA, M. El caballo andaluz. Ganadería [Madrid] 3: 171-173. Mar. 1945. 49 G15

22541 \*HÖLLER, B. Wie ist der hengstbestand des Mosellandes an den führenden blutlinien beteiligt? Landesbauernschaft Moselland. Wchnbl., No. 43, p. 552. Oct. 23, 1943. 18 L2328

22542 HOWELL, C. E. The vertebrae in Arabian horses. Pacific Rural Press, North Ed. 150: 97. Aug. 18, 1945. 6 P112

22543 KIRBY, B. Quarter Horses are taking on well in Florida though comparatively new. Fla. Cattleman 9(8): 12. May 1945. 43.8 F66

22544 \*LIGNY, M. DE. Le cheval Anglo-Arabe. Rev. des Agr. de France 73: 197-199. July 1941. 14 R325

22545 LINCOLN, E. L. Plain breeding and inbreeding. Blood Horse 44: 537-538. Sept. 29, 1945. 42.8 T392

22546 PAPE, R. Palominos offer much in Florida. Fla. Cattleman 9(8): 13, 18. May 1945. 43.8 F66

22547 RASWAN, C. R. Arabs in America. Horse Lover 10(2): 11-15. (To be cont.) Aug./Sept. 1945. 42.8 H7852

22548 ROUMIGUIERE, F., and DELLEPIANE GALLI, A. DE. El Percherón en nuestro país. Suelo Argentino 4: 416-417. July 1945. 9 Su2

22549 \*SAVAGNER. Situation du cheval boulonnais. Rev. des Agr. de France 73: 265-266. Sept. 1941. 14 R325

22550 STREET, A. G. Opinion de un criador ingles sobre el Percheron. Asoc. Argentina de Fomento Equino. [Rev.] 4(29): 27-34. 1945. 42.9 As52

22551 UPSHAW, H. C. The world's best cow pony; the Quarter Horse. Farm and Ranch 64(9): 1, 36. Sept. 1945. 6 T31

##### Feeds and Feeding

22552 GARMENDIA, L. I. Fórmulas de raciones para caballos. Uruguay. Min. de Ganad. y Agr. B. Inform. 11: 277. July 5, 1945. 9.9 G15B

22553 VEGA ARANCIBIA, F. La alimentación de los animales de trabajo. Agrario 9(361): 6. May 15, 1945. 9.3 Ag85  
Horses and oxen.

##### Veterinary Medicine

22554 \*AYYANGAR, S. S., and THEOPHILUS, G. Treatment of equine surra. Indian Vet. J. 22: 50-53. July 1945. 41.8 In2

22555 BASTERRECHEA, L. DE. Charlas con los criadores de caballos; como se diagnóstican las cojeras de los equinos? Panama. Min. de Agr. y Com. Rev. de Agr. y Com. 4(46): 24-25. June 1945. 8 R3291

22556 BLOUNT, W. P. Sulphathiazole (M & B 760) as an aid to healing in the horse. Roy. Army Vet. Corps. J. 16: 235-236. Aug. 1945. 41.8 G79  
Utilization for superficial wounds.

22557 \*CASPARIUS. Ueber Adrianol und seine klinische verwendbarkeit bei der kolik. Tierärztl. Z., No. 3, p. 35-36. Dec. 1944. 41.8 T444  
In horses.

22558 DEMICHELIS, L. A. Apreciación correcta del caballo; regiones especiales y regiones comunes de las extremidades del caballo. Rev. Mens. B. A. P. 28(331): 53-55, 57, 59. (Concl.) June 1945. 9 R326

22559 DUCK, R. W. A horse is as good as its feet. Rural New-Yorker 104: 381, 392. Sept. 1, 1945. 6 R88

22560 \*HOLZ, K., and GRINWITSCH, A. Weitere untersuchungen über die postmortale differentialdiagnose der ansteckenden blutarmut des pferdes. Tierärztl. Z., No. 1, p. 9-10. Oct. 1944. 41.8 T444

22561 LEVAGGI, G. Nociones elementales de anatomía del caballo; los músculos. Asoc. Argentina de Fomento Equino. [Rev.] 4(29): 37-43. 1945. 42.9 As52

22562 MACGREGOR, H. D. Algunas normas sobre la reproducción del ganado. Suelo Argentino 4: 424, 441, 457, 473. July 1945. 9 Su2

22563 \*MAKSIC, D. Ein beitrag zur verträglichkeit des phenothiazins bei erschöpften und anämischen pferden. Tierärztl. Z., No. 3, p. 37-38. Dec. 1944. 41.8 T444

22564 MOSIER, J. E. Nymphomania in a mare. Vet. Med. 40: 355-356. Oct. 1945. 41.8 M69  
Removal of cystic ovaries.

22565 NELSON, J. M. Inguinal hernia in a filly. Vet. Student 8(1): 38-39. Summer 1945. 41.8 V6425

22566 \*PIETTRE, M. L'onchocercose funiculaire du ligament cervical chez les solipèdes. Acad. d'Agr. de France. Compt. Rend. 28: 483-487. July 1/8, 1942. 14 P215Bc

22567 PUISSEGUR, J. A., and others. Contribución al estudio de la pleuroneumonía contagiosa equina. Investigaciones en el laboratorio y su relación con la clínica. Su utilidad e importancia. Observaciones clínicas. Conclusiones. Cir. Méd. Vet. de la Prov. de Buenos Aires. Rev. 8, i. e. 9: 128-138, 140-143. May/June 1945. 41.9 C49

J. C. Hitters, P. L. Arrouy, and V. D. Campos, joint authors.

22568 REESE, R. L. Laboratory diagnosis of pregnancy in mares. Vet. Student 8(1): 29-31. Summer 1945. 41.8 V6425

22569 RODRÍGUEZ NOVOA, L. Estomatitis vesiculosa o pseudo-aftosa de los equinos y lanares. Rev. Ganad. [Lima], No. 51, p. 5-8. Apr. 1944. 49 R325

22570 STEYN, P. G., and VAN DER WALT, S. J. Jaagsiekte in horses, and sunn-hemp poisoning in stock. Farming in So. Africa 20: 445-447. July 1945. 24 So842

22571 \*WEISCHER, F. Erbgesundheitspflege der pferdehaut. Tierärztl. Z., No. 3, p. 41-42. Dec. 1944. 41.8 T444

##### Miscellaneous

22572 \*BALDAUF, E. Pferdeschätzung und andienungspflicht. Landesbauernschaft Moselland. Wchnbl., No. 31, p. 406. July 31, 1943. 18 L2328

22573 BAMBER, W. B. Remount depots in the U. S. A. Roy. Army Vet. Corps. J. 16: 224-226. Aug. 1945. 41.8 G79



- 22574 CATTLEMAN. Seventh annual horse issue. Cattleman, v. 32, No. 4, 192 p. Sept. 1945. 49 C29  
Partial contents: They brought the horse to Texas, by J. Ashton, p. 21-22, 128, 130-142; Riding horses - why they are needed in the West, by W. Dinsmore, p. 24-25; The horses of India, by R. W. Phillips, p. 26-27, 70; South Texas Quarter Horses, by B. Denhardt, p. 28; The old order changes in branding, by H. W. Ward, p. 39-40, 85; Horses are important to Australians, by D. B. Sprott, p. 52; History of the Palomino horse, by H. B. Cox, p. 62, 68; The horse originated in the Great Plains, by B. W. Allred, p. 73, 76, 78; Judging and inspecting Quarter Horses, by H. Michaelis, p. 100-102; The Arabian horse in the United States, by G. H. Conn, p. 112, 114-115; The Tennessee Walking Horse, by G. M. Orr, p. 116-117; The Morgan horse, by F. B. Hills, p. 118-119; Improving light horses, by C. A. Wilkinson, p. 126-127; "The horse's mouth," by E. A. Grist, p. 157; The gallop; a three-beat gait, by D. B. Sprott, p. 158; Homing horses, by S. O. Barker, p. 163-164; The Quarter Horse has gone to town, by H. Michaelis, p. 167; New cleansing process "stretches" buffalo grass seed, by L. P. Merrill, p. 168; Constructive breeding, by A. M. Hartung, p. 171; Progress of the American Albino, by R. Thompson, p. 172; Leopard horses, by K. K. Parsons, p. 176.
- 22575 \*CHEVIGNY, J. DE. Situation du cheptel hippique - avenir - espoir. Rev. des Agr. de France 73: 48. Feb. 1941. 14 R325
- 22576 DELLEPIANI GALLI, A. DE. El empleo del equino en los trabajos agrícolas. Suelo Argentino 4: 418. July 1945. 9 Su2
- 22577 EDWARDS, C. L. Tattoo branding. Thoroughbred of Calif. 4(17): 44, 56. Sept. 1945. 42.8 T393
- 22578 \*FERNÁNDEZ SALAZAR, E. El caballo, arma de guerra. Ganadería [Madrid], 3: 239-244. Apr. 1945. 49 G15
- 22579 FREERS, E. El caballo criollo de "Argentina agrícola." Buenos Aires. Dir. de Ganad. B. de Ganad. 1(1): 52-56. Oct. 1944. 49 B86  
Its advantages as a draft horse.
- 22580 GERBEX, R. F. Como se debe proceder al adiestramiento de un potro. Asoc. Argentina de Fomento Equino. [Rev.] 4(29): 9-18. 1945. 42.9 As52
- 22581 \*HOLLER, Die voraussetzungen für die zucht des kaltblutpferdes im höhenggebiet. Landesbauernschaft Moselland. Wchnbl., No. 8, p. 123. Feb. 20, 1943. 18 L2328
- 22582 \*HOLLER, B. Die staatlichen deckstationen in der Landesbauernschaft Moselland. Landesbauernschaft Moselland. Wchnbl., No. 12, p. 193. Mar. 20, 1943. 18 L2328
- 22583 HUNGERFORD, T. G. The breaking, training and handling of horses. Methods described and illustrated. Agr. Gaz. N. S. Wales 56: 314-317, 330. (Cont.) July 1, 1945. 23 N472
- 22584 IDAHO. BUREAU OF ANIMAL INDUSTRY. Stallion enrollment directory, 1944, 24 p. n. p. 42.9 Id1
- 22585 JAMESON, S. S. The Quorn [horse] ranch. Canad. Cattleman 8: 68-69, 96. (To be cont.) Sept. 1945. 49 C16
- 22586 MORTON, T. F. What is a good saddle horse? Family Herald and Weekly Star 76(37): 16. Sept. 12, 1945. 7 F21
- 22587 P., R. Handling the hunter-to-be. Farmers' Gaz. [Dublin] 103: 483. Aug. 25, 1945. 10 F221
- 22588 RIX, J. C. Notes on a tour of French remount and stud establishments in Algeria. Roy. Army Vet. Corps. J. 16: 229-233. Aug. 1945. 41.8 G79
- 22589 STOCK, C., and HOWARD, H. The ascent of equus; a story of the origin and development of the horse. Part II. Natl. Horseman 81(9): 12-17. (Concl.) Sept. 1945. 42.8 N21

- 22590 TINDALL, C. He "puts up" fine horses. Mo. Ruralist 86(13): 5. July 14, 1945. 6 R8891  
Broadacres farm, a boarding school for horses.
- 22591 VAN METRE, R. The story of Handsome Dan, a logging horse; and how he got the will to work quietly and obediently. Cross Tie B. 26(9): 22, 24. Sept. 1945. 99.82 C87
- 22592 \*VIDAL, M. El ganado caballar mallorquin. Ganadería [Madrid] 3: 181-182. Mar. 1945. 49 G15
- 22593 VONDRACEK, J. La importancia del temperamento en el caballo de silla. Res 13: 17773-17774. Aug. 5, 1945. 286.85 R31

## POULTRY

## Breeds and Breeding

- 22594 ALONSO N., L. Sobre razas y aves de exposición. Unión Agr. del Sur 3(17): 17-18. May 1945. 9.3 Un3
- 22595 APPELEYARD, R. White Indian Game and White Ixworths. Poultry Farmer [London] 113(2931): 8. Aug. 24, 1945. 47.8 F312  
Concerns the White Ixworth Bantam, an English breed.
- 22596 ARBOUR, M. B. Louisiana poultry research. Prog. Farmer, Miss.-Ark.-La. Ed. 60(9): 47. Sept. 1945. 6 So81  
Breeding project at the Louisiana Agricultural Experiment Station.
- 22597 BLACKWELL, H. L. New approach to breeding technique. Mod. Poultry Keeping 53: 190-191. Sept. 12, 1945. 47.8 Eg3
- 22598 CAMPBELL, H. L. Magpie history; the rise, decline and recovery of the Magpie. Pigeon News 51: 4, 13. (Cont.) Sept. 1945. 47.8 P621
- 22599 \*CASA PACHECO, MARQUÉS DE. Modestas apreciaciones sobre la gallina española aún no clasificada. Spain. Min. de Agr., Secc. de P., Prensa y Propag. Hojas Divulg., v. 36, No. 46, 8 p. Madrid, 1944. 15 H68
- 22600 CASSAMAGNAGHI, F. Los viejos prestigios de la raza leghorn se mantienen firmes en la industria avícola. Uruguay. Min. de Ganad. y Agr. B. Inform. 11: 271-272. June 28, 1945. 9.9 G15B
- 22601 DIFFERING sizes [in Bantams]. By Observer. Poultry World 77: 80. Aug. 17, 1945. 47.8 P8682
- 22602 GREEN, O. H. "Fastest with the mostest;" some observations on the growth in popularity of Hamps in the South. N. H. Breeder 9, i. e. 8(3): 14-15, 31. Sept. 1945. 47.8 N45  
New Hampshire breed of poultry.
- 22603 HOWES, H. Arks could be used for small breeding flocks. Smallholder 73(1849): 12. Aug. 24, 1945. 10 Sml
- 22604 HOWES, H. Judge breeding geese upon results. Mod. Poultry Keeping 53: 136-137. Aug. 22, 1945. 47.8 Eg3
- 22605 HOWES, H. Selecting the breeding stock. Farming News and North Brit. Agr. 97(34): iii. Aug. 17, 1945. 10 N82  
Poultry.
- 22606 HUTTON, J. Black in Bantams. Poultry [London] 97: 140. Aug. 28, 1945. 47.8 P869
- 22607 HUTTON, J. Defects in show Bantams. Poultry [London] 97: 124. Aug. 21, 1945. 47.8 P869
- 22608 \*KAURA, R. L. Some common Indian breeds of poultry. Indian Farming 6: 5-8. Jan. 1945. 22 In283
- 22609 M., M. H. Unusual trouble with a laying flock. Farmers' Gaz. [Dublin] 103: 471. Aug. 18, 1945. 10 F221  
Selection for breeding.
- 22610 MCKAY, G. InCross chickens -- watch 'em. N. H. Breeder 9, i. e. 8(3): 11. Sept. 1945. 47.8 N45



- 22611 MANIGLIA, R. La cria del pato pekin. Suelo Argentino 4: 432-434, 436-437, 471. (Concl.) July 1945. 9 Su2
- 22612 MILBY, T. T., and THOMPSON, R. B. Sources of artificial light for turkey breeding females. Poultry Sci. 24: 438-441. Sept. 1945. 47.8 Am33P  
Effect of light upon fertility.
- 22613 NEWMAN, T. Breeding. Mod. Poultry Keeping 53: 136, Aug. 22, 1945. 47.8 Eg3
- 22614 PEASE, M. The scientific approach to poultry breeding. Mod. Poultry Keeping 53: 136-137. Aug. 22, 1945. 47.8 Eg3
- 22615 POWELL-OWEN, W. It's details that count. Poultry World 77: 77. Aug. 17, 1945. 47.8 P8682  
Breeding.
- 22616 POWELL-OWEN, W. Pullets as parents. Poultry World 77: 104. Aug. 31, 1945. 47.8 P8682
- 22617 POWELL-OWEN, W. Valuable adult males. Poultry World 77: 92. Aug. 24, 1945. 47.8 P8682
- 22618 QUINN, J. P., GORDON, C. D., and GODFREY, A. B. Breeding for egg shell quality as indicated by egg weight loss. Poultry Sci. 24: 399-403. Sept. 1945. 47.8 Am33P
- 22619 RUCKER, E. H. White Leghorns lead in egg production. Poultry & Rabbit Monthly 13(9): 5-6, 8. Sept. 1945. 47.8 P8654
- 22620 THOMPSON, J. N. The possibilities for a commercial broad breasted hen. U. S. Egg & Poultry Mag. 51: 340-343, 380-381. Aug. 1945. 286.85 Eg3  
From the standpoint of breeding.
- 22621 THOMPSON, W. C. Breeding of Jersey Buff turkeys is making satisfactory progress. N. J. Agr. 27(4): 8. July/Aug. 1945. 275.28 N46  
A new breed.
- 22622 TOMEY, A. F. The breed to start with. Poultry Farmer [London] 113(2932): 6-7. Aug. 31, 1945. 47.8 F312
- 22623 TURNILL, L. Producing a new silver auto-sexing breed. Poultry Farmer [London] 113(2932): 3. Aug. 31, 1945. 47.8 F312
- 22624 WATERS, N. F. The influence of inbreeding on sexual maturity. Poultry Sci. 24: 391-395. Sept. 1945. 47.8 Am33P
- 22625 WHAT is it? By Observer. Poultry World 77: 92. Aug. 24, 1945. 47.8 P8682  
Bantams.
- 22626 WILLIAMS, G. T. Crest problems with Poulards. Poultry Farmer [London] 113(2932): 8. Aug. 31, 1945. 47.8 F312
- 22627 WILLIAMS, G. T. Inconsistencies in inbreeding. Poultry Farmer [London] 112(2933): 8. Sept. 7, 1945. 47.8 F312
- Feeds and Feeding
- 22628 ALEXANDER, A. K. S. Supplementing stubble feeding. Farmer & Stock-Breeder 59: 1253. Aug. 7, 1945. 10 F228  
Poultry.
- 22629 BUCKNER, G. D., INSKO, W. M., JR., and HENRY, A. H. Influences of spring bluegrass and mature bluegrass pastures on laying hens and on the eggs produced. Poultry Sci. 24: 446-450. Sept. 1945. 47.8 Am33P  
Part of a project of the Kentucky Agricultural Experiment Station.
- 22630 CAMPBELL, C. J., and others. Crystalline vitamin B<sub>6</sub> in relation to the cellular elements of chick blood. Amer. J. Physiol. 144: 348-354. Aug. 1, 1945. 447.8 Am3  
M. M. McCabe, R. A. Brown, and A. D. Emmett, joint authors.
- 22631 CAVERS, J. R. Fattening [poultry], the difference between profit and loss. Manitoba Co-op. 3(3): 2. Sept. 1, 1945. 280.28 M31
- 22632 CLINE, L. E. Efficiency in turkey feeding. Norbest Turkey News 10(2): 1-2. Aug. 1945. 47.38 N75
- 22633 DRAPER, C. I. Processed garbage meal in the chick ration. Poultry Sci. 24: 442-445. Sept. 1945. 47.8 Am33P
- 22634 EVANS, R. J., and BRANT, A. W. Calcium, phosphorus, and vitamin D interrelationships in turkey poult nutrition. Poultry Sci. 24: 404-407. Sept. 1945. 47.8 Am33P
- 22635 HELLER, V. G., and PENQUITE, R. The optimum protein level for chickens as influenced by sex. Poultry Sci. 24: 465-468. Sept. 1945. 47.8 Am33P
- 22636 HOWES, H. Gosling weights must be carefully watched. Mod. Poultry Keeping 53: 154-155. Aug. 29, 1945. 47.8 Eg3  
Feeding.
- 22637 HOWES, H. Stubbles double the yield of eggs. Farmers Weekly [London] 23(7): 36. Aug. 17, 1945. 10 F2226
- 22638 JUKES, T. H., OLESON, J. J., and DORNBUSH, A. C. Observations on monomethylaminoethanol and dimethylaminoethanol in the diet of chicks. J. Nutr. 50: 219-223. Sept. 10, 1945. 389.8 J82
- 22639 KEMPSTER, H. L. The use of dried incubator offal in chick rations. Poultry Sci. 24: 396-398. Sept. 1945. 47.8 Am33P
- 22640 \*LISSOT, G., and CARIDROIT, F. Rôle de la vitamine A dans la faculté d'éclosion des oeufs. Soc. de Chim. Biol. B. 23: 201-204. Apr./June 1941. 383 Sol
- 22641 MCCLYMONT, G. L. The nutritional requirements of poultry. Agr. Gaz. N. S. Wales 56: 326-327. (Cont.) July 1, 1945. 23 N472  
Salt, calcium, and phosphorus.
- 22642 MUNKS, B., and others. Amino acids in the production of chicken egg and muscle. Poultry Sci. 24: 459-464. Sept. 1945. 47.8 Am33P  
A. Robinson, E. F. Beach, and H. H. Williams, joint authors.
- 22643 PARISH, A. J. Choice of gleanings. Poultry World 77: 97. Aug. 31, 1945. 47.8 P8682  
Grain feeding in winter.
- 22644 PRALL, P. A. Good grass is good food. Poultry World 77: 101. Aug. 31, 1945. 47.8 P8682
- 22645 RICHARDSON, L. R., HOGAN, A. G., and KEMPSTER, H. L. The requirement of the turkey poult for vitamin B<sub>6</sub>. J. Nutr. 50: 151-157. Sept. 10, 1945. 389.8 J82
- 22646 ROOME, C. A. Better use for rakings. Farmer & Stock-Breeder 59: 1329. Aug. 21, 1945. 10 F228  
Stacked and gradually used as poultry feed, and the straw remaining trodden down in the cattle yard.
- 22647 ROSCOE, C. What those quacks mean. Poultry [London] 97: 118. Aug. 21, 1945. 47.8 P869  
Concerning feeding of ducks.
- 22648 SANDERSON, C. J. Pickled wheat won't kill fowls -- they won't eat enough -- but it is poisonous. Land [Sydney], No. 1753, p. 11. July 6, 1945. 23 L22
- 22649 SINGSEN, E. P., and MITCHELL, H. H. Phosphorus in poultry nutrition. I. The relation between phytin and different sources of vitamin D. Poultry Sci. 24: 479-480. Sept. 1945. 47.8 Am33P  
From thesis (Ph. D.) - University of Illinois.
- 22650 SPAFFORD, W. J. Germinating wheat for feeding to poultry. So. Austral. Dept. Agr. J. 48: 465-466. June 1945. 23 So84
- 22651 TORMO, J. Alimentación de las aves. Vini-Avi-Cultura 1(3): 29-36. Jan. 1945. 95.8 V76
- 22652 WHITSON, D., and others. The use of soy-bean meal in the diet of growing chicks. II. Effect of different grains. Poultry Sci. 24: 408-416. Sept. 1945. 47.8 Am33P  
J. C. Hammond, H. W. Titus, and H. R. Bird, joint authors.



Veterinary Medicine

- 22653 ABEL K., R. Tifosis aviar. Agrario 9 (362): 11. May 30, 1945. 9.3 Ag85
- 22654 \*BERTRAND, I., and LECOQ, R. Etude des lésions nerveuses périphériques observées sur le pigeon dans les principaux déséquilibres nutritifs dus aux produits intermédiaires du métabolisme organique. Soc. de Chim. Biol. B. 23: 263-280. July/Sept. 1941. 383 Sol
- 22655 BULLIS, K. L. Incidence of turkey disease; a study of diagnostic records. Vet. Student 8(1): 32-33. Summer 1945. 41.8 V6425
- 22656 BURMESTER, B. R. The incidence of lymphomatosis among male and female chickens. Poultry Sci. 24: 469-472. Sept. 1945. 47.8 Am33P
- 22657 BURMESTER, B. R. Sulfonamides without effect on transplantable lymphoid tumors of the fowl. Poultry Sci. 24: 477-479. Sept. 1945. 47.8 Am33P
- 22658 COLES, J. D. W. A. Coccidiosis in poultry. Farming in So. Africa 20: 441-443. July 1945. 24 So842
- 22659 CRAWFORD, M. Plasmodium gallinaceum, a malarial parasite of the domestic fowl. Vet. Rec. 57: 395-396. Aug. 25, 1945. 41.8 V641
- 22660 DEARSTYNE, R. S. When and why they die. Turkey World 20(9): 14, 62-63. Sept. 1945. 47.38 T84
- 22661 EVELETH, D. F., FOSS, J. O., and NELSON, C. I. Pullorum and paratyphoid in North Dakota turkeys. N. Dak. Agr. Expt. Sta. Bimo. B. 7(6): 9-12. July/Aug. 1945. 100 N813B
- 22662 FREUND, J., SOMMER, H. E., and WALTER, A. W. Immunization against malaria; vaccination of ducks with killed parasites incorporated with adjuvants. Science 102: 200-202. Aug. 24, 1945. 470 Sci2
- 22663 GILLES, D. C. Pullorum "breaks" in pullet flocks. Hatchery Tribune 19(9): 24-26, 46. Sept. 1945. 47.8 H28
- 22664 GLAZENER, E. W. Fattening poultry by use of hormone drugs discussed. Peninsula Broiler J. 5(9): 1, 5. Sept. 3, 1945. 47.8 P37
- Experiments with a drug having an estrogen-like effect.
- 22665 GODFREY, G. S., BUSS, R., and WINTER, A. R. Formalin fumigation of hatchers by the cheesecloth method. Poultry Sci. 24: 417-422. Sept. 1945. 47.8 Am33P
- Mainly on the destruction of Salmonella pullorum.
- 22666 GWATKIN, R. Studies in pullorum disease. VI. Comparison of whole blood and tube tests with regular and variant antigen and a combination of the two antigens. Canad. J. Compar. Med. 9: 216. Aug. 1945. 41.8 G162
- 22667 HAMILTON, C. M. Pullorum controls for turkeys. Washcoegg 23(4): 10, 23. Sept. 1945. 47.8 W27
- 22668 HOLLANDER, W. F., and RIDDLE, O. On partial melanism associated with parathyroid enlargement in pigeons. Amer. Nat. 79: 456-463. Sept./Oct. 1945. 470 Am36
- 22669 IVORY, B. Selenium - low hatchability cause. Turkey World 20(9): 16-17, 62. Sept. 1945. 47.38 T84
- 22670 JONES, R. Control plans on paralysis. Southwest Poultryman 9(5): 13. Sept. 1945. 47.8 So86
- Leukosis complex.
- 22671 LANDAUER, W. Recessive rumplessness of fowl with kyphoscoliosis and supernumerary ribs. Genetics 30: 403-428. Sept. 1945. Ref. 442.8 G28
- 22672 \*LORENZEN. Bemerkenswerter fall einer Brealuinfection bei hühnerküken. Tierärztl. Z., No. 3, p. 42. Dec. 1944. 41.8 T444
- 22673 MORGAN, E. G. Why your turkeys do so badly. Poultry Farmer [London] 113(2930): 3. Aug. 17, 1945. 47.8 F312
- Blackhead.
- 22674 NICHOLSON, L. W., and BRENNEMAN, W. R. Geiterogenic diets and their effects on thyroid hyperplasia and vital organs of the chick. Poultry Sci. 24: 426-433. Sept. 1945. 47.8 Am33P
- Based on a thesis (M. A.) by the senior author - Indiana University.
- 22675 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Gapes in chickens. North. Ireland. Min. Agr. Leaflet 52, 4 p. Belfast, 1944. 10 N81
- 22676 OLSON, C., JR. Immunization against a lymphoid tumor of the chicken. I. Attenuation by freezing. Cornell Vet. 35: 221-230. July 1945. 41.8 C81
- 22677 POMEROY, B. S. Infectious diseases of turkeys. Iowa Vet. 16(5): 7-10, 36. Sept./Oct. 1945. 41.8 Io9
- 22678 SAVAGE, A., and ISA, J. M. An outbreak of leucocytozoon disease in turkeys. Cornell Vet. 35: 270-272. July 1945. 41.8 C81
- 22679 SIMONPIETRI, R. H. Leucemia in poultry. Chacra 15(177): 46-47. July 1945. 9 C34
- 22680 SIMONPIETRI, R. H. Neurolymphomatosis in poultry. Chacra 15(178): 49. Aug. 1945. 9 C34
- 22681 WARREN, D. C. A case of lateral asymmetry in the fowl. J. Hered. 36: 227-231. Aug. 1945. 442.8 Am3
- 22682 WATERS, N. F. Lymphomatosis in chickens as influenced by diallel crossing. Poultry Sci. 24: 387-390. Sept. 1945. 47.8 Am33P
- 22683 WELCH, H. Blackhead in turkeys. Mont. Farmer 33(1): 26. Sept. 1, 1945. 6 M764
- 22684 WILSON, J. E. Infected egg shells as a means of spread of salmonellosis in chicks and ducklings; a preliminary note. Vet. Rec. 57: 411-413. Sept. 8, 1945. 41.8 V641

Miscellaneous

- 22685 AIRD, M. W. Parafield Egg Laying Competition, 1944-45; general review. So. Austral. Dept. Agr. J., v. 48, No. 12, sup., 12 p. July 1945. 23 So84
- 22686 ALEXANDER, A. K. S. Japan's peacetime poultry. Farmer & Stock-Breeder 59: 1329. Aug. 21, 1945. 10 F228
- 22687 ALEXANDER, A. K. S. Ration relief; the new basic. Farmer & Stock-Breeder 59: 1369. Aug. 28, 1945. 10 F228
- Fall care under liberalized regulation in Great Britain.
- 22688 AMSDEN, J. Next year's layers. Mod. Poultry Keeping 53: 137. Aug. 22, 1945. 47.8 Eg3
- 22689 BARLEY, H. D. How to win laying tests. Poultry World 77: 85. Aug. 24, 1945. 47.8 P8682
- 22690 BARLEY, H. D. Influence of the male. Poultry World 77: 97. Aug. 31, 1945. 47.8 P8682
- Culling in relation to breeding records.
- 22691 BARTLING, C. A. When you change the loft for winter. All-Pets Mag. 16(16): 49-50. Sept. 1945. 48.8 AL5
- Care of pigeons.
- 22692 BIRTWISTLE, V. Breeders need a good rest. Mod. Poultry Keeping 53: 185. Sept. 12, 1945. 47.8 Eg3
- 22693 BIRTWISTLE, V. Don't let pullets eat the first egg. Poultry [London] 97: 137. Aug. 28, 1945. 47.8 P869
- 22694 BROOMHEAD, W. W. Perches and litter. Poultry [London] 97: 120. Aug. 21, 1945. 47.8 P869
- 22695 BROOMHEAD, W. W. Sex-linked chicks. Poultry [London] 97: 136. Aug. 28, 1945. 47.8 P869
- 22696 BRYANT, R. L. A comparison of the mortality of Single Comb White Leghorn growing pullets and laying hens. Poultry Sci. 24: 423-425. Sept. 1945. 47.8 Am33P



- 22697 C., H. Big risks in keeping too many birds. Smallholder 73(1848): 15. Aug. 17, 1945. 10 Sml
- 22698 C., O. A. Don't stop culling [poultry]. Rural New-Yorker 104: 399. Sept. 1, 1945. 6 R88
- 22699 CASSAMAGNAGHI, F. La cría de patos puede ser renglón primario en la industria avícola. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 236. May 31, 1945. 9.9 G15B
- 22700 CHARLES, T. B. Early fall care and housing of pullets. Rural New-Yorker 104: 398-399. Sept. 1, 1945. 6 R88
- 22701 \*CHARON, A. J. La sélection compensatrice en aviculture. Rev. des Agr. de France 74: 46-47. Feb. 1942. 14 R325
- Culling.
- 22702 CLARK, W. E. Winter ranged broilers. N. J. Farm and Gard. 16(9): 32, 34, 36-37. Sept. 1945. 6 G162
- Description of a poultry farm.
- 22703 COLES, J. D. W. A. Hygiene on the turkey farm. Farming in So. Africa 20: 341-342, 350. June 1945. 24 So842
- Care of turkeys.
- 22704 COLLINSON, H. Labour saving can be overdone; stock may suffer. Mod. Poultry Keeping 53: 193. Sept. 12, 1945. 47.8 Eg3
- 22705 COLLINSON, H. No more chicks after the 140th egg. Mod. Poultry Keeping 53: 172-173. Sept. 5, 1945. 47.8 Eg3
- Description of a poultry farm.
- 22706 COLLINSON, H. Prepare now for cold. Farmer & Stock-Breeder 59: 1369. Aug. 28, 1945. 10 F228
- Poultry care.
- 22707 COLLINSON, H. Time well spent. Farmers Weekly [London], 23(9): 36. Aug. 31, 1945. 10 F2226
- Culling.
- 22708 COLLINSON, H. Watch maturity rate; a guide for future culling. Mod. Poultry Keeping 53: 134. Aug. 22, 1945. 47.8 Eg3
- 22709 COPSEY, L. T. New blood. Poultry Farmer [London], 113(2931): 3. Aug. 24, 1945. 47.8 F312
- Testing of the breeding stock.
- 22710 CUSHMAN, H. E. Montana in [National] Poultry Improvement Plan. Mont. Farmer 33(2): 19. Sept. 15, 1945. 6 M764
- 22711 DAKAN, E. L. Cull the laying flock. Ohio Farmer 196(5): 26. Sept. 1, 1945. 6 Oh3
- 22712 DU PLESSIS, P. H. C. High egg-laying records at the central competitions at Glen. Farming in So. Africa 20: 423-428. July 1945. 24 So842
- 22713 FARNSWORTH, MRS. H. Big demand for capons. Mo. Ruralist 86(13): 15. July 14, 1945. 6 R8891
- 22714 FARNSWORTH, MRS. H. Small flock started it. Mo. Ruralist 86(18): 19. Sept. 22, 1945. 6 R8891
- Describing two successful poultry farms.
- 22715 FINAL cull for the domestic hens. By Domesticus. Mod. Poultry Keeping 53: 186. Sept. 12, 1945. 47.8 Eg3
- 22716 GORDON, M. D. How to prevent premature laying. Field 186: 118. Aug. 4, 1945. 10 F45
- 22717 GORDON, M. D. Summer rearing of chicks by natural methods. Field 186: 14. July 7, 1945. 10 F45
- 22718 GORDON, M. D. What about these poultry regulations? Field 186: 92. July 28, 1945. 10 F45
- In Great Britain.
- 22719 GRAHAM, W. P. The Copeland Turkey Ranch. Prog. Farmer, Tex. Ed. 60(10): 75. Oct. 1945. 6 T311
- 22720 GRANGE, C. Poultry-farming - pre-war and post-war; we have learned a lot in the last 10 years. Smallholder 73(1844): 12. July 20, 1945. 10 Sml
- In Great Britain.
- 22721 GUHL, A. M. What "hen pecked" means. Kans. Farmer 82(18): 4. Sept. 15, 1945. 6 K13
- Psychology.
- 22722 GUY, R. E. Care of breeding stock and hatching eggs. New Zeal. J. Agr. 70: 649-650. June 15, 1945. 23 N48J
- 22723 H., H. Ducks in "new dress;" after-moult management. Mod. Poultry Keeping 53: 173. Sept. 1945. 47.8 Eg3
- 22724 HADLINGTON, E. Registration of hatcheries. Farmer and Settler 40(26): 8. July 27, 1945. 23 F226
- Australia.
- 22725 HALLOWS, H. Out with the offender. Poultry World 77: 80. Aug. 17, 1945. 47.8 P8682
- Care.
- 22726 "HANG-FIRE" domestic pullets. By Domesticus. Mod. Poultry Keeping 53: 133. Aug. 22, 1945. 47.8 Eg3
- Care.
- 22727 HARDISTY, R. J. Early moulting; easily precipitated by careless or faulty management. Poultry World 77: 73. Aug. 17, 1945. 47.8 P8682
- 22728 HARDISTY, R. J. How are the growers; regular handling and keen observation. Poultry World 77: 104. Aug. 31, 1945. 47.8 P8682
- 22729 HEYWANG, B. W. Gathering and storing hatching eggs during hot weather. Poultry Sci. 24: 434-437. Sept. 1945. 47.8 Am33F
- Effect of temperature on hatchability.
- 22730 HORTON, D. H. Cull the non-layers. Cackle and Crow 27(11): 5. Sept. 1945. 47.8 C11
- 22731 HOW LONG before they lay? By Domesticus. Mod. Poultry Keeping 53: 170. Sept. 5, 1945. 47.8 Eg3
- 22732 HOWES, H. Force-moult for autumn breeding. Smallholder 73(1844): 13. July 20, 1945. 10 Sml
- 22733 HOWES, H. Keep the young turkeys forging ahead. Mod. Poultry Keeping 53: 172-173. Sept. 5, 1945. 47.8 Eg3
- 22734 HOWES, H. Rocks x Sussex, in spite of many broodies, won my "test." Smallholder 73(1848): 12. Aug. 17, 1945. 10 Sml
- 22735 HOWES, H. Trap-nesting reveals five vital factors. Smallholder 73(1851): 12. Sept. 7, 1945. 10 Sml
- 22736 HURD, L. M. Notes on broiler growing. Northeast. Poultryman 44, i. e. 41(2): 22. Aug. 1945. 47.8 N44
- 22737 JAMES, L. Early housing for early pullets. Northeast. Poultryman 44, i. e. 41(2): 9. Aug. 1945. 47.8 N44
- 22738 JULL, M. A. Which birds to keep. N. H. Breeder 9, i. e. 8(3): 8, 35. Sept. 1945. 47.8 N45
- 22739 KANSAS POULTRY IMPROVEMENT ASSOCIATION. 1945 membership directory, No. X; official listing of hatcheries, breeders, flock owners. Kans. Poultry News, v. 1, No. 2, 59 p. Feb. 1945. 47.8 K13
- 22740 KLEIN, G. T. Cleaning poultry houses. Northeast. Poultryman 44, i. e. 41(2): 13. Aug. 1945. 47.8 N44
- 22741 LATE summer crop troubles. By Domesticus. Mod. Poultry Keeping 53: 150. Aug. 29, 1945. 47.8 Eg3
- Care.
- 22742 LODGE, C. Forcing the moult. Poultry Farmer [London], 113(2932): 6. Aug. 31, 1945. 47.8 F312
- 22743 LODGE, C. Heat wave precautions. Poultry Farmer [London], 112(2933): 7. Sept. 7, 1945. 47.8 F312
- 22744 LODGE, C. Hurrying on backward birds. Poultry Farmer [London], 113(2931): 6-7. Aug. 24, 1945. 47.8 F312
- Care.



- 22745 LODGE, C. Planning a disease free laying season. Poultry Farmer [London] 113(2930): 7. Aug. 17, 1945. 47.8 F312
- 22746 M., M. H. Losses in young turkeys. Farmers' Gaz. [Dublin] 103: 455. Aug. 11, 1945. 10 F221
- Care used to prevent spreading of disease.
- 22747 MCARDLE, A. A. The battery laying system for poultry; trials at Parafield Poultry Station. So. Austral. Dept. Agr. J. 48: 530-531. July 1945. 23 So84
- 22748 MERCURIO, H. M. Como llevar el "pedigree" de las aves. Chacra 15(177): 48-49. July 1945. 9 C34
- 22749 MOORE, F. E. Kansas turkey breeders follow flock improvement. Southwest Poultryman 9(5): 10. Sept. 1945. 47.8 So86
- Program discussed.
- 22750 MOORE, F. E. Presenting - the Washington State Improvement Program. Turkey World 20(9): 42-44, 46. Sept. 1945. 47.38 T84
- State plan series of the National Turkey Improvement Plan.
- 22751 MOORE, P. Contentment in henhouse produces eggs. Idaho Farmer 63: 460. Sept. 6, 1945. 6 G282
- 22752 NEWMAN, T. Birds in confinement. Mod. Poultry Keeping 53: 190-191. Sept. 12, 1945. 47.8 Eg3
- 22753 NEWMAN, T. Dosing birds. Mod. Poultry Keeping 53: 154. Aug. 29, 1945. 47.8 Eg3
- Care.
- 22754 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The raising and fattening of turkeys. North Ireland. Min. Agr. Leaflet 37, 9 p. Belfast, 1944. 10 N81
- 22755 ORR, H. W. Three steps in sanitation. Southwest Poultryman 9(5): 6. Sept. 1945. 47.8 So86
- 22756 PARISH, A. J. Too many changes: fresh foods and new management puts pullets out of lay. Poultry World 77: 85. Aug. 24, 1945. 47.8 P8682
- 22757 POLLARD, W. S. Poultry in Arkansas agriculture. Ark. Farmer 47(9): 21-22. Sept. 1945. 6 Ar42
- 22758 PRIKE, W. J. Broodiness keeps Sussex back...use tested cocks. Poultry Farmer [London] 113(2930): 6. Aug. 17, 1945. 47.8 F312
- 22759 ROBINSON, L. Lights up in poultry houses; method of stimulating winter production. Mod. Poultry Keeping 53: 155. Aug. 29, 1945. 47.8 Eg3
- 22760 ROSSO, H. D. Madres artificiales. Campo [Buenos Aires] 29(345): 54-55. July 1945. 9 C15
- Poultry.
- 22761 ROUECHÉ, B. A fine day for ducks. New Yorker 22(32): 52, 54-60. Sept. 22, 1945. Not in U. S. D. A. Libr.
- The Pekin duck industry on Long Island, N. Y., including an historical account of the breed.
- 22762 SIMMONS, C. What size turkeys? Pacific Rural Press, North. Ed. 150: 148. Sept. 1, 1945. 6 P112
- 22763 \*SMETNEV, S. I. Upravlenie produktivnosti'fu kur metodom kruglogodovogo komplektovaniia stada. Moskov. Ordena Lenina Sel'skokhoz. Akad. im. K. A. Timirfazeva. Trud., No. 26, 55 p. Moskva, 1944. 106 M852T
- Description of method for obtaining all the year round egg production by the battery system.
- 22764 SODERBERG, P. M. Look out for early moulters. Poultry Farmer [London] 112(2933): 6. Sept. 7, 1945. 47.8 F312
- 22765 STEGGERDA, M. What happens on the roosts. Amer. Poultry J. 76(10): 8, 26-27. Oct. 1945. 47.8 Am32
- 22766 STUBBS, E. L. Domestic fowl -- the tamest of the tame. Amer. Vet. Med. Assoc. J. 107: 122-127. Sept. 1945. 41.8 Am3
- A general account.
- 22767 THOMPSON, W. C. New layers; selecting the pullets for the laying pens. Poultry & Rabbit Monthly 13(9): 9, 16. Sept. 1945. 47.8 P8654
- 22768 TOMEY, A. F. False optimism. Poultry Farmer [London] 112(2933): 6-7. Sept. 7, 1945. 47.8 F312
- Concerning egg production.
- 22769 TOMHAVE, E. A. What broiler raisers want. N. H. Breeder 9, 1. e. 8(3): 7, 36-37. Sept. 1945. 47.8 N45
- 22770 TONTZ, C. Retired by White Leghorns. Calif. Cult. 92: 500. Sept. 15, 1945. 6 C12
- Concerning a poultry farm.
- 22771 \*TRÄSKMAN, S. Värpkontrollen; verksamheten vid Sveriges Fjäderfäavelsförenings Kontrollstation, Nykvarn 1/9 1943-31/8 1944 [Egg laying control; activities of Sweden's Poultry Breeding Association Control Station, Nykvarn 1/9 1943-31/8 1944]. Försök och Forskning 2: 72-73. May 1945. 11 F77
- 22772 TURNILL, L. Keep pullets laying in the first fortnight in September. Poultry Farmer [London] 113(2931): 3. Aug. 24, 1945. 47.8 F312
- Culling.
- 22773 TURNILL, L. C. Not too early to select breeders. Farmer & Stock-Breeder 59: 1253. Aug. 7, 1945. 10 F228
- 22774 VONDELL, J. H. Sensitiveness. North-east. Poultryman 44, 1. e. 41(2): 12. Aug. 1945. 47.8 N44
- Care.
- 22775 WAFER, A. E. Guinea fowl for food. Calif. Cult. 92: 476-477. Sept. 1, 1945. 6 C12
- 22776 WEST VIRGINIA. DEPT. OF AGRICULTURE. West Virginia official 1945 directory; breeders, hatcheries, poultry flocks. W. Va. Dept. Agr. B. (n. s.) 42, 30 p. Charleston, 1945. 2 W522
- West Virginia. University. College of Agriculture. Agricultural Extension Service, joint author.
- 22777 WILLIAMS, G. T. Tips for novice exhibitors. 2. Despatch birds in good time. Poultry [London] 97: 45. July 17, 1945. 47.8 P869
- 22778 WILLIES, J. S. Poultry farming not to be lightly undertaken; how beginners should gain experience and start their flocks. Farmer's Weekly [Bloemfontein] 69: 1055. Aug. 1, 1945. 24 F225

## RABBITS

### Breeds and Breeding

- 22779 \*BIERBACH, A. Vom Deutschen Widder, weiss. Kaninchenzucht, No. 2, p. 6. Feb. 1945. 40.28 K13
- 22780 BLAKE, R. First-class Chinchilla pelts; Chinchilla crossed with Angoras. Poultry World 77: 78. Aug. 17, 1945. 47.8 P8682
- 22781 BLAKE, R. Silver Foxes are popular. Poultry World 77: 103. Aug. 31, 1945. 47.8 P8682
- 22782 FEDERATION OF AMERICAN ANGORA BREEDERS. Angora rabbits for wool, for meat, for show. Internatl. Com. Rabbit J. 3(23): 33-47. Sept. 1945. 40.28 In8
- 22783 \*GADSCH, W. Umtriebszeiten in der kaninchenzucht. Kaninchenzucht, No. 2, p. 5-6. (To be cont.) Feb. 1945. 40.28 K13
- 22784 GOODERHAM, M. Long live the Angora! Internatl. Com. Rabbit J. 3(23): 15-17. Sept. 1945. 40.28 In8
- 22785 HERTZIG, H. B. Why Heavyweight Chinchillas. Internatl. Com. Rabbit J. 3(23): 69-70. Sept. 1945. 40.28 In8
- 22786 HUTSON, L. R. Observations on the use of diethylstilbestrol in rabbit breeding. Amer. Vet. Med. Assoc. J. 107: 143-144. Sept. 1945. 41.8 Am3



22787 PRICE, J. A. Old sea captain raises Angoras on the ground. Internatl. Com. Rabbit J. 3 (23): 23-27. Sept. 1945. 40.28 In8

22788 SMALL STOCK MAGAZINE. Angora special. Small Stock Mag., v. 29, No. 9, 80 p. Sept. 1945. 48.8 P442

Partial contents: Photographing Angoras, by A. E. Banks, p. 3; Selection and care of the Angora stud, by E. W. Schoenberger, p. 8; Highlights in Angora wool growing, by C. Abby, p. 9-11; Angoras as a successful business, by H. F. Ormsbee, p. 14; A sanitary rabbit hutch, by W. H. Shirreff, p. 18-19; Ten years with Angora rabbits, by L. R. Jackson, p. 19; Angoras in Illinois, by A. H. Hastings, p. 20; Fifteen years' experience with rabbits, by E. M. Olson, p. 24. (Cont.); Raising Angoras commercially, by H. J. Harder, p. 38-40; My favorite---the English Angora, by D. Horton, p. 46; Pioneering with Angora rabbits, by A. W. Kemper, p. 47; Profit and pleasure from Angoras, by C. L. Morgan, p. 50; Angora rabbits in Nebraska, by E. W. Wallin, p. 51; Protein for Angoras, by H. M. Sippel, p. 52; Angoras must be culled, by M. Allen, p. 53; Housing Angoras, by W. Bachmann, p. 54; Why penalize our Angoras, by C. E. Larrison, p. 55; Cannibalism and goat milk, by O. P. Humphreys, p. 56; Angoras in Georgia, by F. F. Davis, p. 60-61; Green feed, grain and minerals, by C. H. Hubbard, p. 63; The genetical background of rabbit breeding, by F. Kiskey, p. 66-68; Rally to one Angora standard, by J. Sonderregger, p. 70; Why Angora rabbits, by F. F. Davis, p. 71; Winter care of Angoras in New Hampshire, by V. Messier, p. 71.

#### Feeds and Feeding

22789 SNOW, C. F. Trouble free rabbit feeding. Mod. Poultry Keeping 53: 194. Sept. 12, 1945. 47.8 Eg3

#### Veterinary Medicine

22790 DUFFY, E. Alloxan diabetes in the rabbit. J. Path. and Bact. 57:199-212. Apr. 1945. 448.8 J82

#### Miscellaneous

22791 \*CHARON, A. J. Comment élever des lapins. Rev. des Agr. de France 73: 353-354. Dec. 1941. 14 R325

22792 GOODCHILD, C. Six-doe stud on the small holding. 1-5. Poultry Farmer [London] 113(2929): 9; (2930): 9; (2931): 9; (2932): 9; (2933): 9. Aug. 10-Sept. 7, 1945. 47.8 F312

1. [Introduction]; 2. Make hutches uniform; 3. Food to grow; 4. How to feed stock; 5. Facts about management.

22793 GRINSTEAD, W. T. Taking bunny to the rabbit show. All-Pets Mag. 16(16): 57-58. Sept. 1945. 48.8 AL5

22794 HELPING the beginners. By Old Timer. Chapter 2-6. Internatl. Com. Rabbit J. 3(18): 55-59; (19): 9-16; (20): 73-78; (21): 61-66; (22): 67-72. Apr.-Aug. 1945. 40.28 In8

Rabbit industry.

22795 JOHNSON, C. F. Pedigrees and registrations. Internatl. Com. Rabbit J. 3(23): 9-11. Sept. 1945. 40.28 In8

22796 LYON, R. E. Who is right? Standard Rabbit J. 19(1): 13. Oct. 1945. 40.28 St2

Raising rabbits.

22797 NICHOLSON, C. The R. O. P. movement. Internatl. Com. Rabbit J. 3(23): 60-62. Sept. 1945. 40.28 In8

22798 PAULSON, J. Making a start. Internatl. Com. Rabbit J. 3(23): 19-21. Sept. 1945. 40.28 In8

22799 SNOW, C. F. Good food keeps rabbits growing. Mod. Poultry Keeping 53: 157. Aug. 29, 1945. 47.8 Eg3

Author's name appears as C. E. Snow. General care.

22800 WEBB, W. H. Rabbits are agriculture! Calif. Rabbits Mag. 9(2): 13. Sept. 1945. 40.28 Sa5

Concerning the transfer of research on rabbits from the U. S. Fish and Wildlife Service to the U. S. Dept. of Agriculture.

22801 WELLOCK, A. A. Judging rabbits. Internatl. Com. Rabbit J. 3(23): 73-75. Sept. 1945. 40.28 In8

22802 \*WILL, A. Wieviel jungtiere wollen wie der mutterhäslein belassen? Kaninchenzucht, No. 2, p. 6-7. Feb. 1945. 40.28 K13

22803 WOOD, K. Backyard bunnies. Country Guide 64(9): 49. Sept. 1945. 7 G76

#### SHEEP AND GOATS

##### Breeds and Breeding

22804 BALÁEZ AGUADO, S. La cabra lechera. Agr. Mex. 61(5): 26-29. June 1945. 8 Ag8

Also in B. de Inform. Agr. del Gobierno Prov. de Las Villas 17(128): 14-15, 17. Apr./June 1945. 8 Sa53

Concerning breeds.

22805 C., E. W. Breeders who neglect quality of ewes make fatal, expensive error. Farmer and Settler 40(25): 5. July 20, 1945. 23 F226

22806 CONNELLY, M. J. Columbia sheep center. Sheep Breeder 65(9): 10, 44-45. Sept. 1945. 45.8 Am31

22807 \*GIACOMINI, A. L'incrocio Karacul X Barbareca e possibilità applicative della fecondazione artificiale in Libia. Agr. Colon. 35: 342-347. Sept. 1941. 26 Ag82

22808 JEWELL, A. R. Delaine breeders to try new show practice. Sheep and Goat Raiser 25(12): 28. Sept. 1945. 45.8 Sh3

22809 \*KAURA, R. L. Some common breeds of goats in India. Indian Farming 4: 549-552. Nov. 1943. 22 In283

22810 MCCLURE, S. W. Changes in breed types. Natl. Wool Grower 35(9): 9-10. Sept. 1945. 45.8 N21N

22811 NICHOLS, J. E. Britain's all-purpose sheep breeding; well-tried systems of crossing produce world-famous types. Farmer and Settler 40(28): 19. Aug. 10, 1945. 23 F226

22812 PAGET, R. F. Mating. Brit. Goat Soc. Monthly J. 38: 46-47. Aug. 1945. 40.19 B77M

22813 \*PÉREZ-HICKMAN, E. A. Cinco años de experiencias en el cruzamiento absorbente del Karacul. Ganadería [Madrid] 3: 84-88. Feb. 1945. 49 G15

22814 REBUILDING drought-depleted flocks. By Old Hand. Past. Rev. 55: 508-509. July 16, 1945. 23 Au75

Suggestions as to breeding sheep.

22815 \*SERRANO, E. Una experiencia con ganado karacul en Castilla. Ganadería [Madrid] 3: 245-247. Apr. 1945. 49 G15

22816 SIMS, H. J., and WEBB, C. G. Fat lamb raising in the Mallee; results of breeding trials at the Mallee Research Station. Part 2. Victoria. Dept. Agr. J. 43: 277-284, 288. July 1945. 23 V66J

22817 SPECIALISED farming. 1. Pedigree Blackface sheep. North. Ireland. Min. Agr. Monthly Rpt. 20: 103-105. Aug. 1945. 256.13 Ag82M

Description of a farm.

22818 YOHE, R. S. The possibilities of the Rambouillet in the Middle West. Sheep and Goat Raiser 25(12): 20. Sept. 1945. 45.8 Sh3

#### Feeds and Feeding

22819 \*ALEKSEENKO, I. A. 160 lagnfat na 100 ov-tsematok [160 lambs from 100 ewes]. Kolkhoz. Proizvod. 5(1/2): 26. Jan./Feb. 1945. 281.8 K83

Feeding and care of sheep during the winter.



- 22820 BEESON, W. M., HICKMAN, C. W., and JOHNSON, R. F. Calcium and phosphorus for breeding ewes. *Flour & Feed* 46(4): 12-13. Sept. 1945. 298.8 F66
- 22821 \*BLIN, H. L'ajonc dans l'alimentation des ovins. *Rev. des Agr. de France* 75: 19-20. Feb. 1945. 14 R325
- 22822 COLLINS, S. B. Feeding ewes on stubbles. *Calif. Wool Grower* 21(37): 10. Sept. 11, 1945. 45.8 C12
- 22823 JORDAN, P. S., and PETERS, W. H. Alfalfa-fed lambs did best; non-legume roughages did not do so well in this feeding experiment. *Farmer [St. Paul], Gen. Ed.* 63(17): 14, 22. Sept. 1, 1945. 6 F2211
- 22824 MOWERY, R. C., and JONES, J. M. Lambing-down mlo. *Sheep and Goat Raiser* 25(12): 22-23. Sept. 1945. 45.8 Sh3

#### Veterinary Medicine

- 22825 BAKER, E. T. Sheep practice. *Vet. Student* 8(1): 26-28. Summer 1945. 41.8 V6425
- 22826 BRITTON, J. W. Further observations on chronic ovine laryngitis. *Cornell Vet.* 35: 210-213. July 1945. 41.8 C81
- 22827 CLARK, R., and QUIN, J. I. Studies on the alimentary tract of Merino sheep in South Africa. XIII. - The rôle of prussic acid in the aetiology of acute bloat. *Onderstepoort J. Vet. Sci. and Anim. Indus.* 20: 209-212. Apr. 1945. 41.8 On1
- 22828 DIKMANS, G. Two new lungworms, *Protostrongylus gracilis* and *Varestrongylus sinicus* (Nematoda: Protostrongylinae), from sheep and goats in China. *Wash. Acad. Sci. J.* 35: 294-296. Sept. 15, 1945. 500 W276
- 22829 DOYLE, H. Foot-rot in sheep. *New Zeal. J. Agr.* 70: 619-623. June 15, 1945. 23 N48J
- 22830 GORRIE, C. J. R. Experience in sanding of sheep during drought feeding. *Stock and Land* 35(31): 3. Aug. 1, 1945. 49 St63
- Ingestion of sand.
- 22831 GORRIE, C. J. R. How the blackleg germ affects sheep and cattle. *Stock and Land* 35(32): 3. Aug. 8, 1945. 49 St63
- 22832 \*IYENGAR, R. K. Intussusception in lambs. *Indian Vet. J.* 22: 53-55. July 1945. 41.8 In2
- 22833 \*KOCH, W. Versuche über die auslösung einer künstlichen brunst bei schafen durch hormone. *Tierärztl. Z., No. 1, p. 1-3.* Oct. 1944. 41.8 T444
- 22834 LAING, A. D. G. M. "Sleepy sickness" and bearing trouble in ewes. *New Zeal. J. Agr.* 71: 37-41. July 16, 1945. 23 N48J
- Pregnancy disease.
- 22835 MOULE, G. R. Faults observed in performance of the Mules operation. *Queensland Agr. J.* 60: 372-375. June 1, 1945. 23 Q33
- 22836 NORDBY, J. E., and others. The etiology and inheritance of inequalities in the jaws of sheep. *Anat. Rec.* 92: 235-254. July 1945. 447.8 An1
- C. E. Terrill, L. N. Hazel, and J. A. Stoehr, joint authors.
- 22837 RAMSEY, F. K. Caprine acetoneemia complicated with parturient paresis. *Vet. Student* 8(1): 39-40. Summer 1945. 41.8 V6425
- Limited mainly to a discussion of acetoneemia.
- 22838 ROBERTS, F. H. S. Substitutes for the bluestone and nicotine sulphate worm drench for sheep. *Queensland Agr. J.* 60: 370-371. June 1, 1945. 23 Q33
- 22839 \*VISWANATHAN, G. R. Braxy in sheep. *Indian Vet. J.* 22: 34-35. July 1945. 41.8 In2
- 22840 WHITLOCK, J. H., and others. Outbreak of haemonchosis in feeder lambs. *Cornell Vet.* 35: 273-275. July 1945. 41.8 C81
- L. M. Roderick, E. E. Leasure, and R. P. Link, joint authors.

#### Miscellaneous

- 22841 ALLRED, B. W. Domestication of sheep. *Natl. Wool Grower* 35(9): 20-21, 36. (Cont.) Sept. 1945. 45.8 N21N
- 22842 C., E. W. Practical experience biggest factor in teaching. *Farmer and Settler* 40(28): 19. Aug. 10, 1945. 23 F226
- Practical instruction for prospective sheepmen.
- 22843 EGLI, K. Shepherd Sunday on Switzerland's Belalp. *Natl. Wool Grower* 35(9): 38-39. Sept. 1945. 45.8 N21N
- 22844 ELLIOTT, E. A. Prepare now for post-war export of fat lambs. The crossbred ewe problem. *Agr. Gaz. N. S. Wales* 56: 287-288. July 1, 1945. 23 N472
- 22845 EVANS, O. R. Sheep project bears fruit. *Family Herald and Weekly Star* 76(36): 13. Sept. 5, 1945. 7 F21
- Cooperative.
- 22846 FRASER, A. Pampered ram lambs spell disaster. *Farmer & Stock-Breeder* 59: 1243. Aug. 7, 1945. 10 F228
- 22847 HOWE, K. R. Stud sheep record cards that show comprehensive details in concise form. *Agr. Jaz. N. S. Wales* 56: 318-320, 327. July 1, 1945. 23 N472
- 22848 \*MUÑOZ CAÑIZARES, R. La cabra granadina. *Granadería [Madrid]* 3: 96-99. Feb. 1945. 49 G15
- 22849 SAVAGE, H. A. Milking goats and their care. *New Zeal. J. Agr.* 70: 629-630. June 15, 1945. 23 N48J

#### SWINE

#### Breeds and Breeding

- 22850 BALDRIDGE, H. Things to learn before going into the business of breeding purebreds. *Hog Breeder* 20(9): 5, 14. Sept. 1945. 46.8 H672
- 22851 \*BENGTSSON, S. Svinstamkontrollen 1943 [Swine breeding control, 1943]. *Lantbrukshögsk., Uppsala. Husdjurförsöksanst. Meddel., No. 19, 51 p.* Norrtälje, 1945. 104 Up62
- English summary, p. 27-28.
- 22852 COFFEY, J. S. Let's stay awake and keep in the middle of the road, both as to type and prices. It is sound business. *Berkshire News* 10(11): 6, 50. Sept. 1945. 46.8 B454
- 22853 HANSEN, P. Science in pig breeding. *Farmer and Settler* 40(24): 5. July 13, 1945. 23 F226
- 22854 HETZER, H. O. Inheritance of coat color in swine. III. Results of Landrace by Berkshire crosses. *J. Hered.* 36: 255-256. Aug. 1945. 442.8 Am3
- 22855 HOLAND, P. J. Hoglot reconversion. *Hog Breeder* 20(9): 38-39, 120. Sept. 1945. 46.8 H672
- Discusses type.
- 22856 MONTGOMERY, G. A. Another new breed of hogs. *Capper's Farmer* 56(10): 10, 49. Oct. 1945. 6 M693
- Based on Yorkshire-Poland China crossbred foundation
- 22857 OBENCHAIN, F. Spotted Poland China. *Hog Breeder* 20(9): 16-17, 22, 24-25. Sept. 1945. 46.8 H672
- 22858 FLAGER, C. Boars - half the herd. *Hornal Farmer* 9(1): 2. Sept. 15, 1945. 49 H782
- 22859 FLAGER, W. Why Berks? *Berkshire News* 10(11): 28-30. Sept. 1945. 46.8 B454
- 22860 SMITH, H. H. You never get thru paying for a poor boar; cheap boars often most expensive. *Duroc News* 19(9): 44, 108. Sept. 1945. 46.8 N212
- 22861 WEAVER, L. A., and BOGARD, R. Production records are vital to swine improvement. *Amer. Hampshire Herdsman* 20(9): 24, 79. Sept. 1945. 46.8 Am33
- As basis for selection of breeding animals.



Feeds and Feeding

- 22862 CANO, A. E. La leche y sus subproductos en la alimentación de los porcinos. Suelo Argentino 4: 420-421. July 1945. 9 Su2
- 22863 CRAMPTON, E. W. The use of oats for bacon hogs. Macdonald Col. J. 5(12): 8. Aug. 1945. 101 M144
- 22864 D. Is grazing beneficial to fattening pigs? Farmers' Gaz. [Dublin] 103: 490. Aug. 25, 1945. 10 F221
- 22865 \*FIETKAU, F. Fütterungstechnik im Schweinestall. Landesbauernschaft Moselland. Wchnbl., No. 51, p. 645. Dec. 18, 1943. 18 L2328
- 22866 FRENCH, M. H. Waste products from slaughter-houses as food for pigs and poultry. East African Agr. J. 11(1): 29-31. July 1945. 24 Ea74
- 22867 \*HARING. Schweinemast auch mit weniger kartoffeln. Landesbauernschaft Moselland. Wchnbl., No. 40, p. 512. Oct. 2, 1943. 18 L2328
- 22868 HOLDER, R. Soybean products for swine. Feedstuffs 17(36): 28-29. Sept. 8, 1945. 286.81 F322
- Also in Kans. Stockman 29(11): 17-18. Sept. 1945. 49 K134
- Soybean meal.
- 22869 JOHNSTON, G. W. Home-mixed feed versus a proprietary feed. Farming in So. Africa 20: 365. June 1945. 24 So842
- Experiment in feeding swine.
- 22870 LASSETTER, W. C. Kilpatrick's hogs are in the corn. Prog. Farmer, Miss.-Ark.-La. Ed. 60(10): 5. Oct. 1945. 6 So81
- 22871 LONGWELL, J. H., and BUCHANAN, M. L. Dehydrated potatoes for fattening pigs. N. Dak. Agr. Expt. Sta. Bimo. B. 7(6): 6-8. July/Aug. 1945. 100 N813B
- 22872 OCHOA, F. Cría e industria del cerdo; alimentos balanceados. Vida Rural 6(70): 25-26. May 1945. 9.4 V66
- 22873 PENCE, J. W. Studies on the metabolism of thiamine in swine. Pa. State Col. Abs. Doct. Diss. 7: 5-11. 1944. 241.8 P38
- Thesis (Ph. D.) - Pennsylvania State College.
- 22874 \*FERGOLA, V. Il controllo della produzione suina. Azione Vet. 10: 267-268. July 30, 1941. 41.8 Az3
- Feeding.
- 22875 RUSSELL, H. G. Year-round pasture rotation. Duroc News 19(9): 40-41. Sept. 1945. 46.8 N212
- 22876 \*STAHL. Weidegang und grünfütterung der schweine. Landesbauernschaft Moselland. Wchnbl., No. 22, p. 239. May 27, 1944. 18 L2328
- 22877 \*TALEGÓN HERAS, F. Alimentación del ganado de cerda. Spain. Min. de Agr., Secc. de P., Prensa y Propag. Hojas Divulg. v. 37, No. 12, 20 p. Madrid, 1945. 15 H68
- 22878 VAN DER MERWE, H. J. Feeding bacon pigs. Farming in So. Africa 20: 336. June 1945. 24 So842

Veterinary Medicine

- 22879 CONNELL, R. A disease called "bullnose" occurring in swine in Prairie Provinces. Canad. J. Compar. Med. 9: 224-228. Aug. 1945. 41.8 C162
- 22880 \*GLÄSSER. Ueber die fibrinöse serosentzündung der ferkel mit einer besprechung einer kürzlich darüber erschienenen arbeit von A. Hjärre und G. Wramby. Tierärztl. Z., No. 1, p. 7-9. Oct. 1944. 41.8 Th44
- The article discussed has title "Ueber die fibrinöse Serosagelenktzündung (Glässer) beim Schwein" and is cited as appearing in "Zeitschrift für Infektionskrankheiten, parasit. Krankh. und Hyg. d. Haustiere 1943, 60 Bd. S. 37."

- 22881 GUERRA FILHO, A. Ainda o combate às doenças dos suínos em São Paulo. Campo [Rio de Janeiro] 16(183): 23-24; (185): 15-16. (To be cont.) Mar., May 1945. 9.2 C15
- Title varies slightly.
- 22882 HENDON, F. Personal experience in meeting the abortion problem. Amer. Hampshire Herdsman 20(9): 68, 74. Sept. 1945. 46.8 Am33
- Brucellosis.
- 22883 \*HOLZ, K. Symptomatischer "plötzlicher herztod" beim schwein. Tierärztl. Z., No. 3, p. 36-37. Dec. 1944. 41.8 T444
- 22884 KOO, S. Y. Trichinosis among hogs and rats in Fukien. Lingnan Sci. J. 21(1/4): 39. Aug. 15, 1945. 22.5 C16
- 22885 MCLEAN, I. W., JR., and others. The relation of antibody response in swine to dose of the swine influenza virus inactivated with formalin and with ultraviolet light. J. Immunol. 51: 65-99. Aug. 1945. Ref. 448.8 J8232
- D. Beard, A. R. Taylor, D. G. Sharp, and J. W. Beard, joint authors.
- 22886 MOGLIA, C. J. Neumonía del cerdo. Agrario 8(340): 6. June 15, 1944. 9.3 Ag85
- 22887 MONTGOMERY, G. A. A menace to purebred swine herds; swine brucellosis becomes serious threat. Duroc News 19(9): 26-27, 148. Sept. 1945. 46.8 N212
- 22888 PLUMMER, P. J. G., and GWATKIN, R. A porcine monstrosity. Canad. J. Compar. Med. 9: 214-215. Aug. 1945. 41.8 C162
- 22889 RIVAL, A. Triquinosis producida por la carne de cerdo. Agrario 9(343): 16. July 31, 1944. 9.3 Ag85
- In swine and man.
- 22890 \*SIGETWARY, A. Die strongyloidesinfektion bei schweinen. Tierärztl. Z., No. 3, p. 42. Dec. 1944. 41.8 T444
- 22891 WREATH, G. Simple method of bleeding swine. Vet. Med. 40: 353-354. Oct. 1945. 41.8 M69
- For blood tests.

Miscellaneous

- 22892 ALBAUGH, R. Champion. West. Livestock J. 23(54): 115-116, 118. Sept. 1945. 6 F2273
- F. F. A. swine raiser.
- 22893 DAVIDSON, H. R. Did I castrate the wrong boar? Farmer & Stock-Breeder 59: 1323. Aug. 21, 1945. 10 F228
- Concerning records and testing.
- 22894 \*DIETZ. Aufzuchtfragen in der moselländischen schweinezucht. Landesbauernschaft Moselland. Wchnbl., No. 13, p. 211. Mar. 27, 1943. 18 L2328
- 22895 \*JANEIRO, J. P. A suinicultura em Portugal. Portugal. Dir. Geral dos Serv. Pecuários. B. Pecuário, v. 12, No. 2, 192 p. Lisboa, 1944. 41.8 P83
- French summary.
- 22896 \*ODRIOZOLA, M. Estudios en el cebadero de Porriño. Spain. Inst. Nac. de Invest. Agron. B. 12, p. 9-115. May 1945. Ref. 105.6 Spl4
- English summary.
- Weight analysis of swine.
- 22897 RUTHERFORD, R. R. Questions and answers relating to pig management. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 29-32. Mar. 1945. 23 W52J
- 22898 STARR, W. B. To make hogs pay. Prog. Farmer, Tex. Ed. 60(10): 20. Oct. 1945. 6 T311
- On Highland Springs Farm.
- 22899 TITUS, H. Don't raise hogs for pets. Country Gent. 115(9): 14, 67, 69. Sept. 1945. 6 C833
- Description of a farm.
- 22900 URQUIZU VILLALBA, R. Generalidades sobre la cría del cerdo. Fomento [monthly] 1(8): 8, 21. June 1944. 8 F734



## ENTOMOLOGY

## GENERAL

22901 BECKLEY, V. A. D. D. T. Planters' Chron. 40: 200-204. July 1, 1945. 22 P693

22902 CASILLO, N. R. Backyard adventures with wildlife. Pa. Game News 16(5): 4-5, 26, 30. Aug. 1945. 412.9 P38Pe

Includes discussion of insects.

22903 COCKAYNE, E. A. Some of the contributions of entomology to genetics. Roy. Ent. Soc. London. Proc. Ser. C, J. Mtgs. 9: 48-55. June 1945. 420 I84Pe

22904 CURRAN, C. H. Insects in the house; the fall webworm *Hyphantria cunea*. Nat. Hist. 54: 332. Sept. 1945. 500 N483J

22905 HURST, H. Enzyme activity as a factor in insect physiology and toxicology. Nature [London] 156: 194-198. Aug. 18, 1945. Ref. 472 N21

22906 LEVER, R. J. A. W. Entomological notes. Fiji. Dept. Agr. Agr. J. 16: 46-49. June 1945. 25 F47Ag

Contents: Recovery of the parasite *Nemeritis palmaris* in south Tavuni. Local distribution of the mosquito *Aedes scutellaris* Wlk. *horrescens* Edw. Check list of Fiji mosquitoes with further notes on a newly described species [*Aedes geoskusea*]. Further notes on the mosquito *Aedomyia catacticta* Knab. Correction of nomenclature for a malarial mosquito [*Anopheles punctulatus farauti*] of Melanesia.

22907 \*MACHADO, A. DE B. Instruções para a exploração biológica das cavernas. Brotéria 14: 97-111. Aug. 1, 1945. 410 B79C

Includes arachnids, insects, and plants.

22908 RAU, P. Entomological trivialities. III. A portrait of an entomologist. Brooklyn Ent. Soc. B. 40: 69-70. June 1945. 420 B79

Quotation from W. Somerset Maugham's "Neil MacAdam."

22909 MARANHÃO, Z. C. Nomes vulgares ingleses de insetos. Rev. de Agr. [Piracicaba] 20: 103-124, 181-194. (To be cont.) Mar./Apr., May/June 1945. 9.2 R324

22910 RICHARDS, A. G., JR., and CUTKOMP, L. K. The cholinesterase of insect nerves. J. Cell. and Compar. Physiol. 26(1): 57-61. Aug. 1945. Ref. 444.8 J822

Experiments with *Apis mellifera* and cockroaches.

22911 SALA DE CASTELLARNAU, P. I. La inverna-ción en los moluscos y arácnidos. Brotéria 14: 72-77. May 1, 1945. 410 B79C

22912 TEALE, E. W. Face to face with the insects. Canad. Nature 7: 130-133. Sept./Oct. 1945. 410 C162

Photographs of insect heads.

## GENERAL - ECONOMIC

22913 ALLEN, T. C., and BRUNN, L. K. Increased toxicity of lime-treated sabadilla seed in dust suspensions. J. Econ. Ent. 38: 291-293. June 1945. 421 J822

Tests with *Oncopeltis fasciatus* and *Melanoplus femur-rubrum*.

22914 ALLEN, T. C., DEXHEIMER, F. J., and COLE, E. Reduction of certain insects infesting alfalfa by use of sabadilla. (Scientific note.) J. Econ. Ent. 38: 389-390. June 1945. 421 J822

*Empoasca fabae*, *Lygus oblineatus*, grasshoppers.

22915 ALLEN, T. C., and others. The relative effectiveness of the principal alkaloids of sabadilla seed. J. Econ. Ent. 38: 293-296. June 1945. 421 J822

K. P. Link, M. Ikawa, and L. K. Brunn, joint authors.

Tests with *Oncopeltis fasciatus* and *Melanoplus femur-rubrum*.

22916 BANTA, E. Insects and diseases of the grape. Amer. Fruit Grower 65(9): 14-15, 31. Sept. 1945. 80 G85

22917 BERTONI, M. S. La conservación del maíz; informe. Paraguay. Min. de Agr. Rev., No. 10, p. 38-40. June 1945. 9.7 Ag8Re

Freeing corn of insect pests prior to storing.

22918 BRANNON, L. W. Cryolite and some organic compounds to control corn earworm [*Heliothis armigera*] and the Mexican bean beetle [*Epilachna vari-vestis*]. (Scientific note.) J. Econ. Ent. 38: 400. June 1945. 421 J822

22919 BRAZELTON, J. S. Yesterday's pests were sissies. Mo. Ruralist 86(13): 17. July 14, 1945. 6 R8891

Modern chemicals needed as pests develop resistance to control measures.

22920 BUXTON, P. A. The use of the new insecticide DDT in relation to the problems of tropical medicine. Roy. Soc. Trop. Med. and Hyg. Trans. 38: 367-393. May 1945. Ref. 448.9 R813

Discussion by Sir H. Scott, G. Macdonald, J. R. Busvine, K. Mellanby, J. A. Sinton, p. 393-400.

22921 \*CARIMINI, M. Esperienze di lotta contro gli insetti dei granai con tricloroacetoneitrile (Tri-tox). Redia 28: 103-137. 1942. 421 R241

22922 CARROLL, J. Present day knowledge concerning some insect pests of farm crops. Eire. Dept. Agr. J. 42(1): 81-93. Mar. 1945. 10 Ir2J

22923 \*CHIAROMONTE, A. Su "La disinfección del semi di cotone per mezzo del calore." Agr. Colón. 37: 49. Feb. 1943. 26 Ag82

Discusses article by O. Marilli.

22924 CORNELL, C. R. DDT most marvelous insecticide but effects on plant life still unknown. Country Life [Vernon] 29(9): 7, 15. Sept. 1945. 7 C832

22925 CORSON, J. F. Vertebrates and arthropods examined in investigations of the epidemiology of yellow fever. Trop. Dis. B. 42: 597-609. Aug. 1945. 448.8 T752

22926 \*COUPAN, G. Emploi rationnel des pulvérisateurs et des poudreuses. Acad. d'Agr. de France. Compt. Rend. 26: 393-401. Apr. 2/9, 1941. 14 P215Bc

22927 CRISTOL, S. J. A kinetic study of the dehydrochlorination of substituted 2,2-diphenylchloroethanes related to DDT. Amer. Chem. Soc. J. 67: 1494-1498. Sept. 1945. 381 Am33J

22928 CUMMINGS, M. B. Dangers of the compost pile. Rural New-Yorker 104: 408. Sept. 15, 1945. 6 R88

Reservoir for insects and insect-borne plant diseases.

22929 DDT FOR everybody (but watch your step!). Editorial staff report. Chem. Indus. 57: 453-454. Sept. 1945. 381 C426

22930 DDT FOR household pests; a discussion of how to use it, when to use it, and which form is best for various purposes. Consum. Rpts. 10: 228-230. Sept. 1945. 321.8 C762

22931 DEVELOPMENTS in the use of DDT for controlling insects. Pests 13(9): 16, 18, 20, 22. Sept. 1945. 449.8 Ex8

Aircraft spraying most effective method.

22932 \*DROUINEAU, G., GUEDON, A., and VIEL, G. Contribution à l'étude de la concentration en acide cyanhydrique de l'atmosphère au cours des fumigations sous baches. Ann. des Epiphyt. (n. s.) 9: 47-60. 1943. 464.9 F84A

22933 DUMBLETON, L. J. D.D.T. - a new insecticide. New Zeal. J. Agr. 71(1): 45. July 16, 1945. 23 N48J



- 22934 DUSSAULT, H. P. La vérité sur le D D T; ce nouvel insecticide accomplit des merveilles mais les expériences n'ont pas encore révélé toutes ses possibilités ni ses dangers. B. des Agr. 41(9): 14. Sept. 1945. 7 B872
- 22935 FEINER, J. DDT insecticides as an aid in candy plant sanitation. Internatl. Confectioner 55 (9): 52, 54. Sept. 1945. 389.8 In214
- 22936 FENDER, K. Insect dispersal by the U. S. mails. Brooklyn Ent. Soc. B. 40: 66. June 1945. 420 B79
- 22937 \*FEYTAUD, J., and LAPPARENT, P. DE. Recherches sur les poudres rotenonees. III. Le dosage rationnel. Acad. d'Agr. de France. Compt. Rend. 26: 923-928. Nov. 27/Dec. 4, 1940. 14 P125Bc
- 22938 FILMER, R. S. What about borer control? Home Gard. 6(3): 91-95. Sept. 1945. 80 H756
- 22939 FISHBEIN, M. How to use DDT. Hygeia 23: 740-741. Oct. 1945. 449.8 H993
- 22940 FLEMING, W. E., and HADLEY, C. H. DDT ineffective for control of an exotic earthworm. *Pheretima hupeiensis*? (Scientific note.) J. Econ. Ent. 38: 411. June 1945. 421 J822
- 22941 FLOWERS, P. Rotenone, scourge of insects in 1945, was used by Indians long ago. South. Stockman 5(9): 28, 30. Sept. 1945. 49 So83
- 22942 FRIEND, R. B. The timing of insect control operations. Plants & Gard. 1: 113-115. Summer 1945. 450 P694
- 22943 GALLEGO M., F. L. Algunas pruebas llevadas a cabo con el gesarol (derivado del D.D.T.) en algunos de nuestros insectos. Agr. Trop. 1(6): 47, 49. July 15, 1945. 26 Ag8
- 22944 EL GAMMEXANE 1,2,3,4,5,6 hexachlorocyclohexane, guardado como secreto de guerra hasta ahora, se ha revelado el hallazgo de un poderosísimo insecticida. Campo Buenos Aires, 29(345): 24-25. July 1945. 9 C15
- 22945 GARMAN, P. Further studies of apple spray schedule reduction. J. Econ. Ent. 38: 285-290. June 1945. 421 J822
- 22946 GEMIGNANI, E. V. Amigos y enemigos. Chacra 15(177): 84. July 1945. 9 C34
- Harmful and beneficial insects.
- 22947 GOODEN, E. L. Optical crystallographic properties of DDT. Amer. Chem. Soc. J. 67: 1616-1617. Sept. 1945. 381 Am33J
- 22948 \*GOUPILS, P. L. Les methodes statistiques dans l'expérimentation; essais sur l'application des méthodes du calcul des probabilités au dépouillement mathématique des résultats d'expérience. Ann. des Epiphyt. (n. s.) 8: 189-210. 1942. 464.9 F84A
- Evaluating toxic effects of fumigants.
- 22949 GRAY, H. E., and SMALLMAN, B. N. Summary short course for grain elevator personnel under the auspices of the Board of Grain Commissioners for Canada and the Dominion Department of Agriculture. Canada. Dept. Agr. Sci. Serv. Div. Ent. Processed P. 20, 25 p. Toronto, 1945. 423.92 C16P
- Includes introduction to entomology and discussion of stored grain insects and control measures.
- 22950 GUNDERSON, H. El poderoso insecticida D.D.T. Agr. Mex. 61(5): 28. May/June 1945. 8 Ag8
- 22951 HALLER, H. L., and others. The chemical composition of technical DDT. Amer. Chem. Soc. J. 67: 1591-1602. Sept. 1945. 381 Am33J
- P. D. Bartlett, N. L. Drake, M. S. Newman, S. J. Cristol, C. M. Eaker, R. A. Hayes, G. W. Kilmer, B. Magerlein, G. P. Mueller, A. Schneider, and W. Wheatley, joint authors.
- 22952 HANSBERRY, R., and CLAUSEN, R. T. Insecticidal properties of miscellaneous plants. J. Econ. Ent. 38: 306-307. June 1945. 421 J822
- 22953 HEDENBURG, O. F. Blitz against bugs. Milk Dealer 34(12): 116. Sept. 1945. 44.8 M595
- Relation of insects to disease.
- 22954 HOFFMANN, C. H. Insect pests of cultivated goldenrod. J. Econ. Ent. 38: 355-358. June 1945. 421 J822
- 22955 INSECT repellent research. Down to Earth 1(2): 10-12. Aug. 1945. 381 D75
- 22956 IRREVERRE, F., and SHARPLESS, N. E. The specificity of the xanthidrol-pyridine reaction for 2,2 bis (p-chlorophenyl) 1,1,1 trichloroethane (DDT). Science 102: 304-305. Sept. 21, 1945. 470 Sci2
- 22957 JENKINS, C. F. H. Some household pests - dried fruit and meal insects. West. Austral. Dept. Agr. J. (ser. 2) 22: 49-51. Mar. 1945. 23 W52J
- 22958 KASPAR, P. E. Will DDT star in Florida agriculture? Fla. Grower 53(9): 7, 10. Sept. 1945. 80 F6622
- 22959 KELLY, E. G. 3 crop pests that promise serious damage in 1945. Kans. Farmer 82(3): 6, 13, 16. Feb. 3, 1945. 6 K13
- Blissus leucopterus, Phytophaga destructor, grasshoppers.
- 22960 KELLY, G. W. Why spray? Green Thumb 2(5): 15-16. Sept./Oct. 1945. 80 G82
- Control of garden pests.
- 22961 KING, H. Up-to-the-minute information on DDT. Mich. Hort. Soc. Hort. News 11: 100. Sept. 1945. 80 H7815
- 22962 \*KITANOV, B. Materiali po upotrebi na rastenistata v narodnitie sriedstva za borba sreshchu parazitnitie i stopenski vredni zhivotni [Data on the utilization of plants in common remedies against pests of plants and animals]. Spis. Zeml. Izp. Inst. B'lgarija 13(1/2): 29-37. Jan./June 1943. 106.3 R32
- 22963 \*LAL, J. B., and BISWAS, B. "Gammexane" 1,2,3,4,5,6 hexachlorocyclohexane, - a new British insecticide. Sci. and Cult. 11: 82-84. Aug. 1945. 475 Sci24
- 22964 \*LEPESME, P., and MARIE, A. Un appareil simple pour l'étude entomotoxicologique des gaz. Ann. des Epiphyt. (n. s.) 8: 211-217. 1942. Ref. 464.9 F84A
- 22965 LEWIS, W. H., and RICHARDS, A. G., JR. Non-toxicity of DDT on cells in tissue cultures. Science 102: 330-331. Sept. 28, 1945. 470 Sci2
- 22966 LUBOWE, I. I. The commoner dermatoses observed in the Italian theatre. Mil. Surg. 97: 225-232. Sept. 1945. 448.8 M59
- Includes discussion of scabies and insect bites.
- 22967 LYLE, C. Caution urged as DDT available for civilian use. Miss. Farm Res. [Miss. Sta.] 8 (8): 2. Aug. 1945. 100 M69M1
- 22968 LYLE, C. Treatment for fleas and ticks on pets, around homes. Miss. Farm Res. [Miss. Sta.] 8(8): 8. Aug. 1945. 100 M69M1
- 22969 M., E. Pests to watch for now. Pop. Gard. 47: 227. Sept. 15, 1945. 80 G1622
- Vegetable insects.
- 22970 MCDONNELL, C. C. Why a Federal insecticide and fungicide law. A. I. F. News 3(9): 5-6. Aug./Sept. 1945. 421 Ag8
- 22971 MADDEN, A. H. A brief history of medical entomology in Florida. Fla. Ent. 28: 1-7. Aug. 1945. 420 F662
- 22972 MARTIN, W., JR. Flour distributors' views on infestation. Northwest. Miller (Milling Prod. Sect.) 223(11): 9a-11a, 21a-22a. Sept. 12, 1945. 298.8 N81
- 22973 \*MATHLEIN, R. Nya bekämpningsmedel mot spannmålsens skadedjur, New control methods for grain pests. Lantmannen 29: 550-551. June 16, 1945. 11 L234
- DDT for Tinea secalella and Sitophilus granarius.
- 22974 MILLSON, W. A. D. \$3 billion food loss annually in U. S. from pests. Country Life [Vernon] 29(8): 26. Aug. 1945. 7 C832



- 22975 \*MITCHELL, R. Citrus growing and the war. Punjab Fruit J. 8: 72. Apr./July 1944. 80 P962  
Discusses pest control.
- 22976 NEW SOUTH WALES. DEPT. OF AGRICULTURE. ENTOMOLOGICAL BRANCH. Insect pests. Agr. Gaz. N. S. Wales 56: 299-302. July 1, 1945. 23 N472  
Contents: The apple leaf-hoppers (*Typhlocyba froggatti*), p. 299-300; The currant stem-borer (*Aegeria* sp. e. *Gonopia*; *tipuliformis*), p. 300-301; Psocids or book-lice (*Copeognatha* sp. e. *Corrodentia*), p. 301-302; Beneficial insects. Carnivorous ground beetles (*Carabidae*), p. 302.
- 22977 NORTON, L. B., and HANSBERRY, R. Constituents of the insecticidal resin of the yam bean (*Fachyrrhizus erosus*). Amer. Chem. Soc. J. 67: 1609-1614. Sept. 1945. 381 Am33W
- 22978 PEPPER, J. O. DDT not effective on all kinds of insects. Pa. Grange News 42(6): 15. Sept. 1945. 6 P38
- 22979 PYENSON, L. Insect pests and their control; a lucid account of the principles to be followed in fighting insects. Plants & Gard. 1: 108-112. Summer 1945. 450 P694
- 22980 \*RAMAKRISHNA AYYAR, T. V. Importance of plant protection against insects in crop production Madras Agr. J. 31: 135-140. May 1943. 22 M262
- 22981 REED, W. G. DDT insecticides rushed on market. Soap and Sanit. Chem. 21(9): 124A-124C. Sept. 1945. 307.8 Sol2
- 22982 REED, W. G. DDT labeling instructions issued by Insecticide Division. Soap and Sanit. Chem. 21(9): 124E-124F. Sept. 1945. 307.8 Sol2
- 22983 RODRIGUEZ LANDARTE, B. El sapo, colaborador de la agricultura; 25,000 sapos importan los Estados Unidos para la lucha contra los insectos dañinos en los cultivos. Agrario 8(340): 10. June 15, 1944. 9.3 Ag85  
Biological control of sugarcane pests in Florida.
- 22984 RUSSO, G. Problemas de entomología económica. Vida Rural 6(72): 8. (To be cont.) July 1945. 9.4 V66
- 22985 SEARLS, E. M. What about DDT as a dairy insecticide? Natl. Butter and Cheese J. 36(9): 84-87. Sept. 1945. 286.85 B98Bu
- 22986 \*SERVADEI, A., and VENTURI, F. Esperienze di lotta contro gli insetti del grano con formulato di metile. Redia 27: 45-92. 1941. 421 R241
- 22987 SHEWELL-COOPER, W. E. Identifying garden pests. Field 186: 118. Aug. 4, 1945. 10 F45
- 22988 SHORT discussion of DDT. Hosp. Corps Q. 18(10): 45-48. Oct. 1945. 153.45 Un3  
Preparation; analysis; toxicity.
- 22989 SIMMONS, C. Insect control of weeds. Pacific Rural Press, North. Ed. 150: 104. Aug. 18, 1945. 6 P112  
*Chrysolina hyperici*, *C. gemellata*, *Agrilus hyperici* introduced to control St. Johnswort.
- 22990 SLEESMAN, J. P., GUI, H. L., and WILSON, J. D. DDT and other new materials for spraying potatoes. Amer. Potato J. 22: 242-250. Aug. 1945. 75.8 P842
- 22991 SMIT, B. The new D.D.T. insecticide. Farming in So. Africa 20: 337-340, 356. June 1945. 24 So842
- 22992 STARR, D. F., BAKER, E. W., and RAMIREZ, J. A. A dispenser for methyl bromide and methyl bromide-DDT aerosols. (Scientific note.) J. Econ. Ent. 38: 401. June 1945. 421 J822
- 22993 STATE and Federal forecasts assembled on future of insecticides and fungicides. A. I. F. News Sup., v. 3, No. 9, 12 p. Aug./Sept. 1945. 421 Ag8  
U. S. Department of Agriculture reports by P. N. Annand, S. A. Rohwer, B. A. Porter, and others. Includes reports from each State.
- 22994 THOMAS, P. H. Spray calendar for 1945; to combat the principal insect and fungus pests and diseases of fruit trees. Tasmanian Fruitgrower & Farmer 21, i. e. 30(265): 12-13. July 20, 1945. 23 T185
- 22995 \*TRINCHIERI, G. Air transport and phytosanitary control. Internatl. Inst. Agr. Internatl. B. Plant Protect. 19(1/2): 1M-16M. Jan./Feb. 1945. Ref. 464.8 In8
- 22996 TRUJILLO PELUFFO, A. El elevado costo de los remedios obliga a que cada fruticultor los sepa preparar; preparación de algunos insecticidas. Uruguay. Min. de Genad. y Agr. B. Inform. 2: 282. July 12, 1945. 9.9 G15B
- 22997 TURNER, N. The coverage factor in the application of dusts. J. Econ. Ent. 38: 359-364. June 1945. Ref. 421 J822
- 22998 TWINN, C. R. Use of DDT in practical experiments and demonstrations. Pests 13(9): 6, 8. Sept. 1945. 449.8 Ex8
- 22999 UNITED STATES. BUREAU OF FOREIGN AND DOMESTIC COMMERCE. Insecticides in Canada. We have been selling annually more than \$1,500,000 of U. S. insecticides in the Dominion, and it looks as if keen effort might expand the market, particularly nowadays when everybody has become intensely "DDT-conscious." Foreign Com. Weekly 20(11): 9-10, 37-38. Sept. 8, 1945. 157.54 F763  
Prepared on basis of report by H. S. Fox.
- 23000 UTTER, L. G. Modern sprays & dusts; an account of some of the latest developments in fungicides and insecticides. Plants & Gard. 1: 122-124. Summer 1945. 450 P694
- 23001 \*VAYSSIÈRE, P. Le rationnement en denrées alimentaires et la protection des stocks. Acad. d'Agr. de France. Compt. Rend. 26: 798-808. Oct. 23/Nov. 6, 1940. 14 P215Bc  
Protection of stored products against pests.
- 23002 WAGNER, G. Good housekeeping essential in fighting insect infestation in flour mills, warehouses. Northwest. Miller (Milling Prod. Sect.) 223(11): 3a, 20a. Sept. 12, 1945. 298.8 N81
- 23003 WESTERN COOPERATIVE SPRAY PROJECT CONFERENCE. Suggestions for the use of sprays for orchard insects and diseases in 1945. Report, 19th, 1945, 8 p., processed. 1945. 423.9 W52R  
Have also Minutes of the nineteenth annual meeting. 13 p., processed. 1945. 423.9 W52
- 23004 WHITCOMB, W. D. Dichloro - diphenyl - trichlorethane. Mass. State Col. Ext. Fruit Notes, Aug. 31, 1945, p. 3-4, processed. 275.29 M381Fr
- 23005 \*WILHELM, A. F. Bemerkenswertes zur vorjährigen rebschädlingsbekämpfung. Deut. Weinbau 24(1): 7. Jan. 1945. 95.8 D48  
Pests and diseases.
- 23006 WITMAN, E. D. Lessons in orchard chemistry. Amer. Fruit Grower 65(9): 22. Sept. 1945. 80 G85  
Lead arsenate.
- 23007 WRIGHT, A. The disgraceful history of DDT. Farmers Defender 4(9): 8-9, 13. Oct. 1945. 280.28 F227  
Withheld from farm use during the war.

## APICULTURE AND APIS MELLIFERA

- 23008 THE BEEKEEPING business in the U. K., N. Z. and S. A. By Gubeshe. Farmer (Pietermaritzburg) 34 (31): 14. Aug. 3, 1945. 24 F227
- 23009 BERGMANN, S. T. One way of advertising honey. West. Canada Beekeeper 8(9): 6. Sept. 1945. 424.8 W525  
Suggests classroom use of observation hive.
- 23010 BERGMANN, S. T. Theory of heredity involved in the breeding of bees. West. Canada Beekeeper 8(9): 7, 12. Sept. 1945. 424.8 W525



- 23011 BLAIR, L. Notes on pollen and pollen substitutes [as food for bees]. West. Austral. Dept. Agr. J. (ser. 2) 22: 19-20. Mar. 1945. 23 W52J
- 23012 THE BRITISH Bee-keepers Association; minutes of the first meeting of the Central Member Association: 16th May, 1945. Bee World 26: 66-67. Sept. 1945. 424.8 B399
- Recent reorganization of the British Beekeepers' Association.
- 23013 BROWN, D. Beekeeping in the U. S. S. R. Russia Today, Sept. 1944, p. 2-3. 424 B81
- Photostat. periodical not in library.
- 23014 BURNSIDE, C. E. The cause of paralysis of honeybees. Amer. Bee J. 85: 354-355, 363. Oct. 1945. 424.8 Am3
- 23015 BURNSIDE, C. E. Transmission of American foulbrood by heated spores of *Bacillus larvae* and their growth in culture. J. Econ. Ent. 38: 365-368. June 1945. 421 J822
- 23016 BUTLER, C. Control of pollination by bees. Field 186: 162-163. Aug. 18, 1945. 10 F45
- 23017 BUTLER, C. G. The behaviour of bees when foraging [particularly for nectar]. Roy. Soc. Arts. J. 93: 501-507. Aug. 31, 1945. 501 L847J
- Discussion, p. 507-511.
- 23018 CUSS, J. F. Scale hive record, 1945--Cheltenham. Brit. Bee J. 73: 211. Aug. 2, 1945. 424.8 B77
- 23019 DI LULLO, J. Why honey is not a staple in every home. Amer. Bee J. 85: 358. Oct. 1945. 424.8 Am3
- 23020 DU BOIS, W. L. Beeswax at war. Amer. Bee J. 85: 358-359. Oct. 1945. 424.8 Am3
- 23021 ECKERT, J. E. The effect of DDT on honeybees [*Apis mellifera*]. J. Econ. Ent. 38: 369-374. June 1945. 421 J822
- 23022 EDWARDS, N. Queen from laying workers' egg. Brit. Bee J. 73: 189. July 12, 1945. 424.8 B77
- 23023 EMELÉN, A. VAN. Consultorio do criador de abelhas. Chacaras e Quintais 71: 733-734. June 15, 1945. 9.2 C34
- 23024 ENGLISH, R. E. Honey production and wintering in Alberta. Gleanings Bee Cult. 73: 409-411. 440. Oct. 1945. 424.8 G47
- 23025 FOTIDAR, M. R., and FOTIDAR, S. N. 'Lotus' honey. Indian Bee J. 7: 102. July/Aug. 1945. 424.8 In2
- 23026 GIBBS, H. A. Bee-keeping in India: past, present and future. Indian Bee J. 7: 109-110. July/Aug. 1945. 424.8 In2
- 23027 GOODERHAM, C. B. Nourissement. Abeille et l'Erable 14: 93. Aug. 1945. 424.8 Ab32
- When it is necessary to feed bees.
- 23028 GREAT BRITAIN. MINISTRY OF AGRICULTURE AND FISHERIES. Foul Brood Disease of Bees Order, 1942; summary report, 1944. Bee World 26: 67. Sept. 1945. 424.8 B399
- Same title in Brit. Bee J. 73: 238. Aug. 30, 1945. 424.8 B77
- 23029 GREGG, A. L. Workers mating. Amer. Bee J. 85: 353, 363. Oct. 1945. Ref. 424.8 Am3
- 23030 JIMÉNEZ LUIS, R. La miel; importancia, propiedades y aplicaciones. Ganadería [Madrid] 3: 226-227. Apr. 1945. 49 G15
- 23031 JONES, H. L. Bee keeping in Tasmania. Tasmanian Farmer 8(9): 9. June 1945. 23 T186
- 23032 KELLOGG, C. R. Beekeeping in Mexican villages. Amer. Bee J. 85: 356-357. Oct. 1945. 424.8 Am3
- 23033 KENNEDY, J. Double-crossing bees. West. Canada Beekeeper 8(9): 8. Sept. 1945. 424.8 W525
- Bees in orchard fail to visit plum trees.
- 23034 KNOCK, A. E. The organisation of bee-keeping [in England]. Brit. Bee J. 73: 191-192. July 12, 1945. 424.8 B77
- 23035 KOTSCH, R. VON. Miel granulada. Campo [Buenos Aires] 29(344): 58. June 1945. 9 C15
- 23036 \*KUSMARTSEV, P. Krupneishaiia pchelofarma SSSR [The largest beekeepers farm in U. S. S. R.]. Kolkhoz. Proizvod. 5(3): 32. Mar. 1945. 281.8 K83
- Collective farm "im. Il'icha" in the Issyk-Kul' region.
- 23037 LATHAM, A. The angles in a cell of honeycomb. Gleanings Bee Cult. 73: 413, 445. Oct. 1945. 424.8 G47
- 23038 MCGREGOR, S. E. Calcium arsenate bad for bees - less danger in DDT. Ariz. Farmer 24(18): 17. Sept. 22, 1945. 6 Ar44
- 23039 MEHTA, V. K. My experiments with decoy nives [to attract swarms]. Indian Bee J. 7: 103-105. July/Aug. 1945. 424.8 In2
- 23040 MOFFIT, G. M. Queens from worker eggs. Canad. Bee J. 53: 156. Sept. 1945. 424.8 C16
- 23041 MUKHERJEE, P. Learning from mistakes; the story of a beginner [with *Apis indica*]. Indian Bee J. 7: 116, 124. July/Aug. 1945. 424.8 In2
- 23042 MUTTOO, R. M. Some suggestions for the development of bee-keeping in India. Indian Bee J. 7: 112-115. July/Aug. 1945. 424.8 In2
- 23043 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Acarine (Isle of Wight) disease of bees. North. Ireland. Min. Agr. Leaflet 76, 5 p. Belfast, 1944. 10 N81
- With supplement, 1 p., 1945.
- Caused by *Acarapis woodi*.
- 23044 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Foul brood diseases of bees. North. Ireland. Min. Agr. Leaflet 114, 7 p. Belfast, 1945. 10 N81
- 23045 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. War time bee-keeping. North. Ireland. Min. Agr. War Leaflet 3, 2 p. Belfast, 1944. 10 N81
- 23046 PATERSON, C. R. Transport of bees and equipment. New Zeal. J. Agr. 71(1): 83-84. July 16 1945. 23 N48J
- 23047 PEARMAN, J. E. Bee-keeping in Bihar; an amateur bee-keeper's experiences. Indian Bee J. 7: 107-108. July/Aug. 1945. 424.8 In2
- 23048 PHELAN, M. D. Interesting amateur experience with bees. Canad. Bee J. 53: 162. Sept. 1945. 424.8 C16
- 23049 PHYSICAL jerks keep bees warm in winter. By Gubeshe. Farmer [Pietermaritzburg] 34(30): 10. July 27, 1945. 24 F227
- 23050 PRESENTATION of testimonial to Mr. W. Herrod-Hempsall [for his lifelong service to beekeeping]. Beekeepers' Rec. 63: 72-76. Aug. 1945. 424.8 B398
- Same title in Brit. Bee J. 73: 217-218, 223-227. Aug. 9, 16, 1945. 424.8 B77
- 23051 PULLEN, R. J. Importation of queen bees [cause of Nosema in England]. Beekeeping 11: 89. Aug. 1945. 424.8 B3991
- 23052 RAHMAN, K. A., and SINGH, S. American bees by air. Indian Bee J. 7: 106. July/Aug. 1945. 424.8 In2
- Apis mellifera* shipped to India.
- 23053 RAHMAN, K. A. The Indian honey-bee (*Apis indica* F.) (Hymenoptera) at Lyallpur. Roy. Ent. Soc. London. Proc. Ser. A, Gen. Ent. 20: 33-42. June 30, 1945. 420 L84Pa
- 23054 \*RAHMAN, K. A., and SHARMA, P. L. Wintering of *Apis indica* F. at Lyallpur. Indian Farming 6: 17-18. Jan. 1945. 22 In283
- 23055 RICH, S. G. Rainfall and honey flows. Austral. Bee J. 26: 76. June 1945. 424.8 V66
- Effect on nectar secretion.



- 23056 ROBINSON, E. More news about ants [as pests of hive of bees]. West. Canada Beekeeper 8 (9): 9, 12. Sept. 1945. 424.8 W525
- 23057 ROOT, E. R. Eighty years among the bees; Langstroth, ninety years ago, in line with present trends on wintering. Gleanings Bee Cult. 73: 418-419. (Cont.) Oct. 1945. 424.8 G47
- 23058 SHIELD, T. H. An interesting visit to Pelee Island [Ontario]. Canad. Bee J. 53: 155-156. Sept. 1945. 424.8 C16  
Breeding of queen bees.
- 23059 SHIT, B. Beekeeping. Farming in So. Africa 20: 335, 348. June 1945. 24 So842  
Report on meetings of beekeepers at Pretoria.
- 23060 STRICKER, M. H. More about D.D.T. in relation to beekeeping. West. Canada Beekeeper 8 (9): 3, 15. Sept. 1945. 424.8 W525
- 23061 THOMLINSON, J. W. Handling of bees; hints for the novice. Victoria Dept. Agr. J. 43: 343-347. Aug. 1945. 23 V66J
- 23062 THOMPSON, W. Apiary arrangement and management. Canad. Bee J. 53: 160-161, 163. Sept. 1945. 424.8 C16
- 23063 TOMES, J. E. Moulded hives [made of asbestos cement]. Brit. Bee J. 73: 233-234. Aug. 23, 1945. 424.8 B77
- 23064 WEBB, A. Beekeeping for the returning serviceman. Free Amer. 9(2): 13-14. Summer 1945. 280.8 F872
- 23065 WILKINS, H. Device for ripening honey. Amer. Bee J. 85: 365. Oct. 1945. 424.8 Am3
- 23066 WINTER, T. S. Bee diseases. New Zeal. Dept. Agr. B. 242, 20 p. Wellington, 1945? 23 N48Bu
- 23067 WORTH, A. Bee Diseases Order, 1942 [to combat American foulbrood]. Beekeeping 11: 77-78. July 1945. 424.8 B3991
- Colony Management
- 23068 BEES in his barrel. By Gubeshe. Farmer [Pietermaritzburg] 34(32): 10. Aug. 10, 1945. 24 F227  
How to transfer swarm that entered barrel through small hole.
- 23069 BESSONNET, E. C. The production of queen bees; keeping record of queen cells. Amer. Bee J. 85: 364-365. Oct. 1945. 424.8 Am3
- 23070 BURROWS, W. H. It works in Florida. Gleanings Bee Cult. 73: 417. Oct. 1945. 424.8 G47  
Colony manipulation for honey production.
- 23071 \*CHERIAN, M. C., and RAMACHANDRAN, S. Hints for bee-keepers for June, 1943. Madras Agr. J. 31: 157. May 1943. 22 M262  
Spring care of bees.
- 23072 DANIELS, W. A. Removing bees from a house wall. Brit. Bee J. 73: 188. July 12, 1945. 424.8 B77
- 23073 DESCHENES, S. M. Hivernage des ruches enveloppées dans le papier goudronné. Abeille et l'Erable 14: 92-93. Aug. 1945. 424.8 Ab32
- 23074 DYMENT, J. N. Arrangement and management to aid the apiarist. Canad. Bee J. 53: 117-118. July 1945. 424.8 C16  
Manipulation of colonies throughout the season.
- 23075 EDE, W. E. M. Swarming treatment. Brit. Bee J. 73: 191. July 12, 1945. 424.8 B77
- 23076 EDE, W. E. M. Vicious bees. Amer. Bee J. 85: 352. Oct. 1945. 424.8 Am3  
Quieting by anesthetic.
- 23077 GAMBLE, R. Queenless stocks: the solution; recommends combining bees and combs. Smallholder 73(1848): 18. Aug. 17, 1945. 10 Sml
- 23078 GAMBLE, R. When bees begin to idle turn out the drones; it is a sign that preparations for winter should be made. Smallholder 73(1849): 18. Aug. 24, 1945. 10 Sml
- 23079 GOODERHAM, C. B. Enlèvement du miel. Abeille et l'Erable 14: 105-106. Sept. 1945. 424.8 Ab32  
Care of the bees when removing honey.
- 23080 GOODERHAM, C. B. Ottawa tests on wintering nuclei. Canad. Bee J. 53: 157-159. Sept. 1945. 424.8 C16
- 23081 GOODERHAM, C. B. La ruches; aide-mémoire No. 5; multiplication. Abeille et l'Erable 14: 80. July 1945. 424.8 Ab32
- 23082 HASTINGS, E. An interesting experience on behavior of queen. West. Canada Beekeeper 8 (9): 11. Sept. 1945. 424.8 W525
- 23083 HOOPER, M. M. This war-time beekeeping; the annual cycle; growth. Beekeeping 11: 79-80. July 1945. 424.8 B3991  
Importance of room for expansion of the brood nest.
- 23084 LEAKE, J. DE B. Importance of foresight in colony and apiary management. Amer. Bee J. 85: 351. Oct. 1945. 424.8 Am3
- 23085 MARTÍNEZ LÓPEZ, J. F. Introducción de reinas. Fomento [monthly] 2(20): 15, 21. June 1945. 8 F734
- 23086 MOLINO, V. La conveniencia de marcar las reinas. Agrario 9(360): 10. Apr. 30, 1945. 9.3 Ag85
- 23087 MOLINO, V. Invernación de las abejas. Agrario 9(343): 20. July 31, 1944. 9.3 Ag85
- 23088 MYERS, A. J. New method of rearing queen bees. New Zeal. J. Agr. 71(1): 21. July 16, 1945. 23 N48J
- 23089 PAIRAULT, A. Division des colonies pour multiplier. Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 155. July/Aug. 1945. 80 F9482
- 23090 PASCUAL, P. F. Como se practican los trabajos de invierno en el apiario. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 261. June 21, 1945. 9.9 G15B
- 23091 POIRON, MRS. R. My beekeeping experience in colony management. West. Canada Beekeeper 8 (9): 10, 13. Sept. 1945. 424.8 W525
- 23092 PRADON, C. Controlons notre rucher pour en tirer un meilleur rapport; visites et soins de printemps. Rev. des Agr. de France 74: 49-51. Feb. 1942. 14 R325
- 23093 REARING and mating queens from their respective colonies. By "Hillingdonite." Brit. Bee J. 73: 223. Aug. 16, 1945. 424.8 B77
- 23094 STRICKER, M. H. The two queen system. West. Canada Beekeeper 8(9): 7. Sept. 1945. 424.8 W525
- 23095 TONTZ, C. Upping wax production. Gleanings Bee Cult. 73: 414-415. Oct. 1945. 424.8 G47
- 23096 WERTHEIN, I. La enjambrazón, nudo gordiano de la apicultura racional. Rev. Mens. B. A. P. 28(333): 47, 49-51. Aug. 1945. 9 R326  
See also Honey and Beeswax in Agricultural Products section.
- ARACHNIDA, MYRIAPODA, ETC.
- 23097 AUGUSTSON, G. F. A new genus, new species [Chiroptonyssus texensis, of dermanyssid mite (Acarina)] from Texas. South. Calif. Acad. Sci. B. 44: 46-48. May/Aug. 1945. 500 So8
- 23098 \*BALDRATI, I. La zecca dei polli (Argas persicus [i. e. miniatus]); la più grave insidia per i pollai coloniali. Agr. Colon. 34: 468-472. Nov. 1940. 26 Ag82  
Transmits Spirochaeta anserina and Aegyptianella pullorum.



23099. BARROWS, W. M. New spiders from the Great Smoky Mountain National Park. Ent. Soc. Amer. Ann. 38: 70-76. Mar. 1945. 420 En82  
New spp. in: Cicurina; Clubiona; Theridion; Siscottus; Horcotes; Zelotes.
- 23100 BUSHNELL, F. R., and HUMMON, O. J. Acariasis in mink. Amer. Fur Breeder 18(2): 36. Aug. 1945. 410 Am33  
Caused by Acaridae and Cheyletidae.
- 23101 \*CAPIORIACCO, L. DI. Due ragni nuovi dello Scioa. Redia 27: 19-23. 1941. 421 R241  
New spp.: Araneus chiaromonte; Dieta jannonei.
- 23102 \*DENIS, J. Sur quelques Theridion appartenant à la faune de France. Soc. Ent. de France. B. 49: 111-117. Nov. 1944. 420 F84B  
Includes n. spp.: T. pyrenaeum; T. hannoniae.
- 23103 \*FLOCH, H., and ABONNENC, E. Piroplasma bigeminum et Boophilus annulatus microplus à la Guyane Française. Soc. de Path. Exot. B. 34: 121-124. Apr. 9/July 9, 1941. 448.9 Sol3
- 23104 GARLICK, N. L. An isolated external parasite; the author has found a "tail mite" which affects both foxes and minks, and causes fur damage; instructions given for its control. Canad. Silver Fox and Fur 11(9): 15-16. Sept. 1945. 412.62 G163
- 23105 HEADSTROM, R. Spiders which make webs; their instinctive understanding of engineering principles seems almost uncanny. Horticulture 23: 405-406. Sept. 15, 1945. 80 H787
- 23106 HELLIER, F. F. Scabies and D.D.T. Brit. Med. J. 1945, 2(4416): 255. Aug. 25, 1945. 448.8 B77  
DDT has no preventive action against acquirement of scabies.
- 23107 HOFF, C. C. New species and records of cheliferid pseudoscorpions. Amer. Midland Nat. 34: 511-522. Sept. 1945. 410 M58  
Includes n. spp.: Hysterochelifer longidactylus; H. callus.
- 23108 JELLISON, W. L. The geographical distribution of Rocky Mountain spotted fever and Nuttall's cottontail in the western United States. Pub. Health Rpts. 60: 958-961. Aug. 17, 1945. 151.65 P96  
Silvilagus nuttallii, natural host of Dermacentor venustus, may serve as reservoir for disease.
- 23109 JOAN, T. La polilla o caries del queso. Agrario 8(342): 6. July 15, 1944. 9.3 Ag85  
Refers to Tyrophagus longior and Acarus siro.
- 23110 LAVERS, C. H., JR. The species of Arrenurus of the State of Washington. Amer. Micros. Soc. Trans. 64: 228-264. July 1945. Ref. 440.9 Am33  
Includes 11 n. spp. and forms.
- 23111 \*LOMBARDINI, G. Acari. Un nuovo genere della famiglia "Tyroglyphidae." Redia 30: 1-24. 1944. Ref. 421 R241  
Includes Melisia melisii n. g., n. sp.; Spinturnix respertilionis lanzai n. var.; Percanestrinia gentilis n. sp.
- 23112 \*LOMBARDINI, G. Contributo alla conoscenza della morfologia dei Demodicidae; chiave analitica del genere "Demodex" Owen. Redia 28: 89-102. 1942. 421 R241
- 23113 \*LOMBARDINI, G. "Tyroglyphus nadinus" n. sp. Redia 30: 43-69. 1944. Ref. 421 R241
- 23114 \*LUNDBLAD, O. Afrikanische Hydracarina. Ent. Tidskr. 63: 155-209. Oct. 20, 1942. Ref. 421 En891  
Includes 25 n. spp. & forms.
- 23115 \*LUNDBLAD, O. Neue wassermilben (Hydracarina) aus Madeira; vorläufige mitteilung. Ent. Tidskr. 62: 93-96. Jan. 10, 1941. 421 En891  
New spp. in: Atractides 10; Lundbladia; Thyopsis; Limnesia; Neumania; Megapus 4; Maderomegapus n. g.; Arrenurus.
- 23116 \*LUNDBLAD, O. Neue wassermilben (Hydracarina); vorläufige mitteilung. Ent. Tidskr. 62: 97-121. Jan. 10, 1941. 421 En891  
Includes 104 n. spp. and 20 n. g.
- 23117 \*LUNDBLAD, O. Weitere neue wassermilben (Hydracarina) aus Brasilien und Paraguay; vorläufige mitteilung. Ent. Tidskr. 62: 122-126. Jan. 10, 1941. 421 En891  
New spp. in: Corticacarus; Corticacarides n. g.; Megapodellides n. g.; Unionicola 2; Neumania; Koenikea 3; Piona 3; Mideopsis; Krendowskia; Arrenurus 8. Four new gen. and Neocaturus n. g.
- 23118 MORRISON, H. E., MOTE, D. C., and RASMUSSEN, W. B. DDT to control Scutigera immaculata. (Scientific note.) J. Econ. Ent. 38: 410. June 1945. 421 J822
- 23119 MUMA, M. H., and JEFFERS, W. F. Studies of the spider prey of several mud-dauber wasps. Ent. Soc. Amer. Ann. 38: 245-256. June 1945. 420 En82  
Eighty-one spp. of spider found in nests of Sceliphron caementarium, Chalybion coeruleum, Trypoxylon spp.
- 23120 NEVIN, F. R. Immature forms of the mite, Caeculus pettiti. Ent. Soc. Amer. Ann. 38: 195-198. June 1945. 420 En82
- 23121 \*PAVLOV, P. Ricerche sperimentali sulla tessina delle uova di Ixodinae. Riv. di Parassitol. 6: 101-105. June 1942. Ref. 436.8 B52
- 23122 \*PAVLOVSKIĬ, E. N., and SKRYNNIK, A. N. O prodolzhitel'nosti sokhraneniia samkoĭ kleshcha Ornithodoros papillipes sposobnosti peredavat' kleshchevoĭ vozvratnyi tif (On the period during which females of Ornithodoros papillipes are able to transmit the tick relapsing fever). Zool. Zhur. 24: 161-164. 1945. 410 R92  
English summary.
- 23123 PORTMAN, R. W., and DALKE, P. D. Infestation of a red fox by Amblyomma americanum. (Scientific note.) J. Econ. Ent. 38: 397. June 1945. 421 J822
- 23124 SCHLESSELMAN, E. The extermination of mites. All-Pets Mag. 16(16): 11-12. Sept. 1945. 48.8 AL5  
DDT in canary cages.
- 23125 SMITH, C. N. Biology of Ixodes dentatus Neumann (Ixodidae). Ent. Soc. Amer. Ann. 38: 223-233. June 1945. 420 En82
- 23126 TEDESCO, F. El resultado de la lucha contra la sarna ovina arroja saldo favorable. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 242. June 7, 1945. 9.9 G15B  
Caused by Psoroptes ovis.
- 23127 TITUS, N. Mange is costing hogmen a lot of money. Treatment is very simple. Berkshire News 10(10): 16. Aug. 1945. 46.8 B454  
Caused by mites.
- 23128 TOOP, C. R. Sarcoptic mange of pigs. West. Austral. Dept. Agr. J. (ser. 2) 22: 65-70. Mar. 1945. 23 W52J  
Caused by Sarcoptes scabiei suis.
- 23129 \*TRÄGÅRDE, I. Contributions towards the comparative morphology and phylogeny of the Mesostigmata. IV. On the Celaenopsidae and Euzerconidae. Ent. Tidskr. 62: 169-176. Nov. 6, 1941. 421 En891
- 23130 \*TRÄGÅRDE, I. Microgyniina, a new group of Mesostigmata. Ent. Tidskr. 63: 120-133. Oct. 20, 1942. 421 En891  
Microgynium rectangulatum n. g., n. sp.; Microsejus truncicola n. g., n. sp.



- 23131 \*TULLGREN, A. Bidrag till kännedomen om den svenska spindelfaunan. I. Med sammanfattning och artbeskrivningar på tyska språket. Contribution to the knowledge of Swedish spiders. I. With summary and species descriptions in German. Ent. Tidskr. 63: 217-234. Oct. 20, 1942. 421 En891  
Includes *Gnaphosa holmi* n. n.; *G. punctata* n. sp.; *Micaria decorata* n. sp.; *Thanatus vulgaris borealis* n. ssp.
- 23132 TURK, F. A. New opilionids (Laniatores) from Indian caves. Ann. and Mag. Nat. Hist. (ser. 11) 12: 202-207. Aug. 15, 1945. 410 An77  
New spp. in *Indosidama* n. g.; *Bundelkhandia* n. g.; *Calloristus*.
- 23133 UNION OF SOUTH AFRICA. EAST COAST FEVER COMMISSION. Report. 40 p. Pretoria, 1944. 41 So8  
Includes discussion of *Rhipicephalus appendiculatus* as vector of East Coast cattle fever organism, *Theileria parva*.
- 23134 \*USHATINSKAYA, R. S. Vlivanie temperatury i vlazhnosti na obrazovanie gipopusov *Glycyphagus destructor* Schrk. The influence of temperature and humidity on the formation of the hypopi of *Glycyphagus destructor* Schrk. Zool. Zhur. 24: 165-174. 1945. Ref. 410 R92  
English summary.
- 23135 WHARTON, G. W. *Trombicula fritti* n. sp. (Acarinida: Trombiculidae). J. Parasitol. 31: 282-283. Aug. 1945. 448.8 J824
- 23136 WHITEHEAD, S. B. The control of red spider, *Tetranychus telarius*, a troublesome pest of plants under glass. Gard. Illus. 64: 674. Oct. 1945. 80 G169
- 23137 WHITNALL, A. B. M., and BRADFORD, B. Is there an arsenic-resistant tick? Search for means of destroying the acquired immunity; survey of experimental work. Farmer's Weekly (Bloemfontein) 69: 1200-1201. Aug. 22, 1945. 24 F225  
*Boophilus annulatus decoloratus* on cattle.
- 23138 ZAMITH, A. A. Mitose somática em *Tityus bahiensis*. Rev. de Agr. (Piracicaba) 20: 125-130. Mar./Apr. 1945. 9.2 R324
- COLEOPTERA
- 23139 ARTHUR, D. R. On the ecology of the wireworm *Dolopius marginatus* L. (Col., Elateridae) in the South Wales province. Ent. Monthly Mag. 81: 205-212. Sept. 1945. Ref. 421 En86
- 23140 B., P. Lutte contre l'anthronome du pomier, *Anthonomus pomorum*. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 3, p. 8. Mar. 1945. 17 J82A
- 23141 BIRCH, L. C. The mortality of the immature stages of *Calandra oryzae* L. [i. e. *Sitophilus oryzae*] (small strain) and *Rhizopertha dominica* Fab. in wheat of different moisture contents. Austral. J. Expt. Biol. and Med. Sci. 23: 141-145. June 1945. 442.8 Au7
- 23142 \*BOCZKOWSKA, M. Remarques sur la biologie et les dégâts du doryphore *Leptinotarsa decemlineata*, aux environs d'Avignon en 1941. Acad. d'Agr. de France. Compt. Rend. 30: 80-83. Jan. 26/Feb. 2, 1944. 14 P215Bc
- 23143 \*BOCZKOWSKA, MME., and GRISON, M. P. Vi-tesse de destruction des pousses de pommes de terre de différentes variétés par les insectes printaniers du doryphore *Leptinotarsa decemlineata*. Acad. d'Agr. de France. Compt. Rend. 29: 333-334. June 9/23, 1943. 14 P215Bc  
Discussion by M. le Cte Delamarre de Monchaux, p. 334.
- 23144 BOSTICK, B. O. The morphology of the carabid beetle *Calosoma scrutator* (Fabricius). Ent. Soc. Amer. Ann. 38: 14-32. Mar. 1945. Ref. 420 En82
- 23145 BROMLEY, S. W. The elm disaster of 1945. Horticulture 23: 374. Sept. 1, 1945. 80 H787  
Caused by *Galerucella xanthomelaena*.
- 23146 CAMERON, M. Description of new Staphylinidae (Coleoptera). Roy. Ent. Soc. London. Proc. Ser. B. Taxonomy 14: 63-69. (Cont.) June 30, 1945. 420 L84Pb  
Describes 22 n. spp. and *Eulibia* n. g.
- 23147 CAMERON, M. Some observations on the Staphylinidae of the Broun Collection of Coleoptera in the British Museum, with descriptions of new genera and species. Ann. and Mag. Nat. Hist. (ser. 11) 12: 158-180. (Concl.) Aug. 15, 1945. 410 An77  
Includes 26 n. spp. and 10 n. g.
- 23148 \*CHAPPELLIER, A., and RAUCOURT, M. Les rapports entre les traitements arsenicaux antidoryphoriques et le gibier. Ann. des Epiphyt. (n. s.) 8: 1-45. 1942. 464.8 F84A  
Poisoning of game birds.
- 23149 \*CLÉMENT, P. Quelques coléoptères des bananes séchées. Soc. Ent. de France. B. 49: 125-127. Dec. 1944. 420 F84B
- 23150 \*COUTURAT, J. Une bactérie cellulolytique, "*Clostridium leptinotarsae* n. sp.", isolée du tube digestif du doryphore *Leptinotarsa decemlineata*, et son influence sur l'évolution de l'insecte. Presse Méd. (Paris) 49: 698. June 25/28, 1941. 448.8 P92  
Experiments undertaken by A. Sartory and J. Meyer.
- 23151 CUMMINGS, M. B. Beetles, *Crioceris asparagi*, and rust on asparagus. New England Homestead 118(17): 12. Sept. 8, 1945. 6 N442
- 23152 \*DELAMARRE DE MONCHAUX, COMTE. La sortie printanière des doryphores *Leptinotarsa decemlineata*. Acad. d'Agr. de France. Compt. Rend. 27: 693-694. June 18/25, 1941. 14 P215Bc
- 23153 \*DELMAS, R. Les scolytides du pêcher. Prog. Agr. et Vitic. 122: 96-100. Mar. 18/25, 1945. 14 P94  
*Scolytus rugulosus*; *Anisandrus dispar*.
- 23154 DUFFY, E. A. J. The two larval forms of *Thanasimus formicarius* L. (Col., Cleridae). Ent. Monthly Mag. 81: 213. Sept. 1945. 421 En86
- 23155 EWER, R. F. The effect of grain size on the oviposition of *Calandra granaria* Linn. [i. e. *Sitophilus granarius* (L.)] (Coleoptera, Curculionidae). Roy. Ent. Soc. London. Proc. Ser. A, Gen. Ent. 20: 57-63. June 30, 1945. 420 L84Pe
- 23156 \*FALKENSTRÖM, G. Stockholmstraktens vatten-Coleoptera; sjätte tillägget [Aquatic Coleoptera of the Stockholm area; 6th supplement]. Ent. Tidskr. 62: 88-89. Jan. 10. 421 En891
- 23157 \*FALKENSTRÖM, G. Zusatz zum Catalogus Coleopterorum Daniae et Fennoscandiae, Helsingfors 1939. Ent. Tidskr. 62: 89-92. Jan. 10, 1941. 421 En891
- 23158 \*FERRIERE, C. L'abondance des doryphores *Leptinotarsa decemlineata*, en rapport avec la nature du terrain. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 4, p. 1-2. Apr. 1945. 17 J82A
- 23159 \*FEYTAUD, J., and LAPPARENT, P. DE. La protection du blé contre le charançon *Sitophilus granarius*, au moyen des poudres. Acad. d'Agr. de France. Compt. Rend. 27: 1028-1032. Nov. 12/19, 1941. 14 P215Bc
- 23160 \*FEYTAUD, J., and HAGET, A. La protection du blé contre le charançon *Sitophilus granarius*, au moyen des poudres siliceuses. Acad. d'Agr. de France. Compt. Rend. 29: 155-158. Mar. 3/10, 1943. 14 P215Bc
- 23161 \*FEYTAUD, J., and LAPPARENT, P. DE. Recherches sur les poudres nicotinées. I. Leur emploi dans la lutte contre le doryphore *Leptinotarsa decemlineata*. Acad. d'Agr. de France. Compt. Rend. 27: 725-728. June 18/25, 1941. 14 P215Bc



- 23162 FLEMING, W. E. Evaluating the effectiveness of sprays against the Japanese beetle [*Popillia japonica*]; a laboratory method. J. Econ. Ent. 38: 285-290. June 1945. 421 J822
- 23163 \*FOGELQVIST, G. Coleoptera från Halland. Ent. Tidskr. 62: 187-189. Nov. 6, 1941. 421 En891
- 23164 \*FRADOIS, H. Contribution à l'étude des hybrides d'élevage du genre *Carabus*. Soc. Ent. de France. B. 49: 127-130. Dec. 1944. 420 F84B  
Attempted crossing of *Megodontus purpurascens pseudofulgens* with *Procrustes coriaceus*.
- 23165 \*GAGLIARDI, A. Di alcuni scarabeidi coprofagi nuovi per l'Italia (Col. Scarabaeidae). Redia 30: 25-32. 1944. Ref. 421 R241  
Includes *Geotrupes pyrenaeus splendens lombardii* n. ab.
- 23166 GAINES, R. C. Effect of reduced amounts of calcium arsenate on boll weevil [*Anthonomus grandis*]; control and cotton yield. J. Econ. Ent. 38: 300-304. June 1945. 421 J822
- 23167 GILMORE, J. U. Fuel oil as a larvicide for the tobacco flea beetle [*Epitrix hirtipennis*]. (Scientific note). J. Econ. Ent. 38: 397-398. June 1945. 421 J822
- 23168 \*GÓMEZ CLEMENTE, F. El "barrenador" [*Sphaeroderma rubidum*] de la alcahola. Agr. Levantino 10(120/121): 3-6. Nov./Dec. 1944. 15 Ag85
- 23169 GREAT BRITAIN. MINISTRY OF AGRICULTURE AND FISHERIES. Colorado beetle [*Leptinotarsa decemlineata*], in England during the war. Gt. Brit. Min. Agr. Agriculture 52: 210-215. Aug. 1945. 10 G79J
- 23170 \*GUARESCHI, G. Studi sull'*Epilachna chrysomelina* di Roma. Nota III. B. di Zool. 13: 3-24. 1942. 410 B63
- 23171 HARVEY, E. N. The railroad worm. Frontiers 10(1): 6-7, 30. Oct. 1945. 410 F92  
Luminescence in *Phrixothrix* and *Phengodes*.
- 23172 HENDERSON, P. Japanese beetle [*Popillia japonica*]; warning; South should plan control measures now. Home Gard. for South 5: 86. May 1945. 80 H755
- 23173 \*HERRERO, S. El escarabajo de la patata [*Leptinotarsa decemlineata*]; ha invadido la provincia de Valencia. Agr. Levantino 11(126): 20-21, 37. May 1945. 1b Ag85
- 23174 HINTON, H. E. A key to the North American species of *Tetanus*, with a description of a new species [*T. manni*] (Col., Histeridae). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 38-45. Apr. 27, 1945. 420 L84Pb
- 23175 HINTON, H. E. *Stethelmis chilensis*, new genus and species of Elmidae from Chile (Coleoptera). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 73-76. June 30, 1945. 420 L84Pb
- 23176 \*JANNONE, G. Osservazioni e rilievi su un singolare attacco di *Epilachna* (*Chnootriba*) similis ssp. tellinii Wse. (Coleoptera, Coccinellidae) alle colture di orzo e di frumento dell'Uollo Jeggiù (Scioa, A. O. I.). Agr. Colon. 35: 63-73. (Concl.) Feb. 1941. 26 Ag82
- 23177 \*JANSSON, A. Coleopterologiska bidrag. 30-31. Ent. Tidskr. 66: 119-124. July 10, 1945. 421 En891  
Contents: *Centorhynchus inaeffectatus* Gyll. en nykomling till Sveriges fauna eller en förbisedd art? [*C. inaeffectatus* an immigrant or a hitherto unobserved species?]; En för Sverige ny *Hydnobius*-art.
- 23178 \*JOHANSSON, E. Förbättring av gamla och utformning av nya idéer om jordloppor och jordloppsbehandling; improvement of old ideas and development of new ones on flea beetles and flea-beetle control. Lantmannen 29: 414-415, 419. May 5, 1945. 11 L234  
Dusting methods; use of DDT.
- 23179 JORDAN, K. On the oriental anthribid genus *Xenocerus* Germar 1833, with descriptions of new species and subspecies (Coleoptera). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 10-20. Feb. 27, 1945. 420 L84Pb  
Nineteen n. spp. and forms in *Xenocerus*; *Hybosterus* n. g.; *Eothaumas* n. g.
- 23180 \*KLEFFBECK, E. *Paederus fuscipes* F. (Col. Staphyl.). Ent. Tidskr. 66: 72. Mar. 20, 1945. 421 En891
- 23181 \*KLEINE, R. Über die systematische Stellung der gattung *Diluticola* [i.e. *Duliticola*]; Mjöberg. Ent. Tidskr. 62: 47-48. Jan. 10, 1941. 421 En891
- 23182 \*KROGERUS, R. Några för Jämtland i Catalogus Coleopterorum Deniae et Fennoscandiae ej upp-tagna skalbaggsarter [Some beetles from Jämtland not listed in the Catalogus Coleopterorum Deniae et Fennoscandiae]. Ent. Tidskr. 66: 117-118. July 10, 1945. 421 En891
- 23183 \*LANDIN, B. O. Några intressanta skalbaggsfynd [Some interesting beetle records]. Ent. Tidskr. 66: 57-64. Mar. 20, 1945. 421 En891
- 23184 LEECH, H. B. The specific characters and distribution of *Agabus vancouverensis* and *A. hypomelas* (Coleoptera, Dytiscidae). Canad. Ent. 77: 77-78. May 1945. 421 C16
- 23185 \*LENTANT, J. Un redoutable ennemi du pomier: l'anthome [*Anthonomus pomorum*]. Prog. Agr. et Vitic. 112: 142-145. Apr. 22/29, 1945. 14 P94
- 23186 \*LINDGREN, L. A. H. Entomologiska notiser 2. Ent. Tidskr. 66: 73-78. Mar. 20, 1945. 421 En891  
Contents: För Skane nya Coleoptera 9-29; För Sverige nya Coleoptera 1-2.
- 23187 LÓPEZ CRISTÓBAL, U. Coleópteros útiles: los carábidos. Campo [Buenos Aires] 29(345): 31. July 1945. 9 C15  
Refers particularly to *Calosoma argentinense*.
- 23188 MACNAB, J. A., and FENDER, D. M. Occurrence of *Trigonurus* (Coleoptera, Staphylinidae) in the coniferous forests of western Oregon. Brooklyn Ent. Soc. B. 40: 79-80. June 1945. 420 B79
- 23189 MAHEUX, G., and GAUTHIER, G. Recherches sur le hanneton commun, *Phyllophaga* spp. Quebec. Min. de l'Agr. Ser. 1, Mém. 1, 69 p. Quebec 1944. 423.92 Q32
- 23190 MARSHALL, G. A. K. On *Trephognathus*; a new genus of African Beridinae (Col. Curc.). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 21-24. Feb. 27, 1945. 420 L84Pb  
Four n. spp.
- 23191 \*MELIS, A. Contributo alla conoscenza dell'Apion del carciofo: *Apion* (*Ceratapion*) *damryi* Desbr. Redia 27: 135-165. 1941. 421 R241
- 23192 \*PALM, T. För Sverige nya Coleoptera. VI. [Coleoptera new to Sweden. VI.] Ent. Tidskr. 62: 200-205. Nov. 6, 1941. 421 En891
- 23193 \*PALM, T. Zwei neue Colon [i.e. Kolon]arten aus Schwedisch-Lappland nebst einer bestimmungstabelle der aus Nordeuropa bisher bekannt gewordenen arten der untergattung *Curvimanon* (Col. Silphidae). Ent. Tidskr. 62: 158-165. Nov. 6, 1941. 421 En891  
*Kolon pseudolatum* n. sp., *K. brundini* n. sp.
- 23194 PARK, T., and DAVIS, M. B. Further analysis of fecundity in the flour beetles, *Tribolium confusum* Duval and *Tribolium castaneum* Herbst. Ent. Soc. Amer. Ann. 38: 237-244. June 1945. 420 En82
- 23195 PARK, T. Life tables for the black flour beetle, *Tribolium madens* Charp. Amer. Nat. 79: 436-444. Sept./Oct. 1945. Ref. 470 Am36
- 23196 POTTS, R. W. L. A key to the species of *Cremastocellini* of North America and Mexico (Coleoptera, Scarabaeidae). Brooklyn Ent. Soc. B. 40: 72-78. June 1945. 420 B79



- 23197 \*RAUCOURT, M., and others. L'action insecticide des arsénates de chaux contre le doryphore [*Leptinotarsa decemlineata*]. Ann. des Epiphyt. (n. s.) 9: 1-9. 1943. 464.9 F84A  
H. Bégué, H. Guérin, and G. Morel, joint authors.
- 23198 \*RAUCOURT, M. La détermination des doses toxiques de certains produits envers le doryphore [*Leptinotarsa decemlineata*]. Ann. des Epiphyt. (n. s.) 7: 129-133. 1941. 464.9 F84A
- 23199 \*RAUCOURT, M., and others. La lutte contre le doryphore [*Leptinotarsa decemlineata*] en 1942. Acad. d'Agr. de France. Compt. Rend. 28: 440-441. June 3/10, 1942. 14 P215Bc  
B. Trouvelot, C. Vezin, and Comte Delamarre de Monchaux, joint authors.
- 23200 \*RAUCOURT, M., and BÉGUÉ, H. Sur l'emploi de solutions alcalines contre le doryphore [*Leptinotarsa decemlineata*]. Acad. d'Agr. de France. Compt. Rend. 28: 541-542. Oct. 14/21, 1942. 14 P215Bc  
Discussion by M. Piettre and Massé, p. 543-544.  
Concludes that sodium carbonate and ammonium carbonate solutions are ineffective control measures.
- 23201 \*REGNIER, R. La lutte contre le silphe de la betterave [*Silpha opaca*]. Acad. d'Agr. de France. Compt. Rend. 30: 86-87. Jan. 26/Feb. 2, 1944. 14 P215Bc
- 23202 \*REGNIER, R. Résultats de l'enquête et des récentes recherches sur les hannetons. Acad. d'Agr. de France. Compt. Rend. 27: 325-344. Mar. 5/12, 1941. 14 P215Bc  
*Melolontha melolontha*, *M. hippocastani*, *Anoxia villosa*, *Polyphylla fullo*.
- 23203 RIVNAY, E. Physiological and ecological studies of the species of *Capnodis* in Palestine (Col., Buprestidae). II. Studies on the larvae. B. Ent. Res. 36: 103-119. July 1945. 421 B87
- 23204 ROTH, L. M. The odoriferous glands in the Tenebrionidae. Ent. Soc. Amer. Ann. 38: 77-87. Mar. 1945. 420 En82
- 23205 SCHMIDT, C., and REIS, J. A broca do café, [*Stephanoderes hampei*], semente de novo centro de ciência. Brazil. Dept. Nac. do Café. D N C 24: 669-680. May 1945. 286.83 D44  
Transcribed from "Administração Pública" - órgão do D. S. P., de São Paulo.  
Traces development and activities of the Instituto Biológico do Departamento de Defesa Sanitária da Agricultura.
- 23206 \*SERVADEI, A. Contributi alla conoscenza dell'entomofauna delle leguminose foraggiere. II, III. Redia 27: 93-134; 30: 129-179. 1941, 1944. Ref. 421 R241  
Contents: II. *Pteronidea myosotidis* F. (Hymenoptera Symphyta); III. *Phytonomus nigrirostris* F. (Col. Curculionidae).
- 23207 \*SVENSSON, G. För Västergötland och Dalsland nya Coleoptera [Coleoptera new to Västergötland and Dalsland]. Ent. Tidskr. 66: 117. July 10, 1945. 421 En891
- 23208 TAN, C. C., and SZE, L. C. Chromosome of "Harmonia axyridis." Acta Brevia Sinensia, No. 8, p. 9, processed. Dec. 1944. 472 Ac8
- 23209 TAN, C. C. Geographical variation and inheritance of the "ridged" and "smooth" elytron in "Harmonia axyridis." (Abs.) Acta Brevia Sinensia, No. 8, p. 7-8, processed. Dec. 1944. 472 Ac8
- 23210 TAN, C. C., CHAUNG, T. M., and KUO, K. N. Inheritance of a case of male-lethal in "Harmonia axyridis." Acta Brevia Sinensia, No. 8, p. 8-9, processed. Dec. 1944. 472 Ac8
- 23211 TAN, C. C. Inheritance of the elytral color patterns of "Harmonia axyridis" and a new phenomenon of Mendelian dominance. (Abs.) Acta Brevia Sinensia, No. 8, p. 6, processed. Dec. 1944. 472 Ac8
- 23212 TAN, C. C. The mosaic dominance inheritance of the elytral color patterns of "Harmonia axyridis." (Abs.) Acta Brevia Sinensia, No. 8, p. 7, processed. Dec. 1944. 472 Ac8
- 23213 TAN, C. C., and FANG, S. H. On the four new allelomorphs of the elytral color pattern inheritance in "Harmonia axyridis." (Abs.) Acta Brevia Sinensia, No. 8, p. 6, processed. Dec. 1944. 472 Ac8
- 23214 \*TOPI, N. Ricerche sul ciclo secretivo delle ectadenie di *Hydrophilus piceus*. Arch. Zool. Ital. 30: 181-194. 1942. Ref. 410 Ar22
- 23215 TOTTENHAM, C. E. Some notes on the nomenclature of the Staphylinidae (Coleoptera). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 70-71. June 30, 1945. 420 L84Pb  
Proposes four new names.
- 23216 \*VENTURI, F. La "Lema melanopa" L. (Coleoptera, Chrysomelidae). Redia 28: 11-88. 1942. Ref. 421 R241
- 23217 \*VOGLER, J. Kampf dem kartoffelkäfer [*Leptinotarsa decemlineata*]. Landesbauernschaft Moselland. Wchnbl., No. 26, p. 279. June 24, 1944. 18 L2328
- 23218 \*WIREN, E. Bidrag till kännedomen om coleopterfaunan i norra delen av det nordsvenska barrskogsområdet - från insamlingar vid Fålkem [Contribution to the knowledge of the Coleoptera of the northern part of the North Swedish hard-wood area - from collections at Fålkem]. Ent. Tidskr. 66: 23-43. Mar. 20, 1945. 421 En891
- 23219 YING, E. M., and TAN, C. C. Random mating of different elytral color patterns and their gene frequency analysis in "Harmonia axyridis." (Abs.) Acta Brevia Sinensia, No. 8, p. 8, processed. Dec. 1944. 472 Ac8

## DIPTERA

- 23220 ALEXANDER, C. P. New or little-known crane-flies from California (Tipulidae, Diptera), I. South. Calif. Acad. Sci. B. 44: 33-45. May/Aug. 1946. 500 So8  
Includes 4 n. spp. of *Tipula*.
- 23221 ALEXANDER, C. P. New species of crane-flies from South America. Part XII. (Diptera: Tipulidae.) Ent. Soc. Amer. Ann. 38: 256-280. June 1945. 420 En82  
New spp. in: *Holorusia* 2; *Tipula* 4; *Limonia* 10; *Heliopsis*; *Trentepohlia*; *Cryptolabis* 2.
- 23222 AMARGOS, J. L. El mego críador de la mosca cubana [*Lixophaga diatraeae*]; de gran interés para los señores hacendados y colonos. Agronomía [Habana] 5: 145-147. Aug. 1945. 8 C893  
Used to control *Diatraea saccharalis*.
- 23223 \*BEL'GOVSKII, M. L. K voprosu o mekhanizme osushchestvleniya mozaichnosti, svyazannoi s geterokhromaticheskimi raionami khromosom (On the causes of mosaicism associated with heterochromatic chromosome regions). Zhur. Obshch. Biol. 5: 325-356. 1944. Ref. 442.8 Z6  
English summary.  
Observations on *Drosophila ampelophila*.
- 23224 \*BERG, R. L. Zavissimoe var'irovanie mutabil'nosti i dominantnosti v predelakh odnoi estestvennoi populiatsii *Drosophila melanogaster* [i.e. *ampelophila*]. (The dependent variability of mutability and dominance within a single free living population of *Drosophila melanogaster*). Akad. Nauk S.S.S.R. Izv. Ser. Biol., 1944, No. 5, p. 300-307. 511 Sa2B  
English summary.
- 23225 BLAIR, K. G. Notes on the economy of the rose-galls formed by *Rhodites* (Hymenoptera, Cynipidae). Roy. Ent. Soc. London. Proc. Ser. A, Gen. Ent. 20: 26-31. Mar. 15, 1945. Ref. 420 L84Pa



- 23226 BROOKS, A. R. New Canadian Diptera (Tachinidae). Canad. Ent. 77: 78-96. May 1945. 421 C16  
Includes 25 n. spp.; n. g.: Eufrontina; Dolichotarsus.
- 23227 BRUCE, W. G. Screwworm [Cochliomyia americana] survey of the Southeastern States in 1944. J. Econ. Ent. 38: 327-329. June 1945. 421 J822
- 23228 BURKE, F. Fly [Piophilidae casei] pest in cheese factories. Food Manufacture 20: 336-337. Sept. 1945. 389.8 F736
- 23229 \*CAMBOURNAC, F. J. C., and SIMÕES, J. M. P. Observações sobre a eficácia de varios métodos de combate as larvas dos generos Anopheles e Chironomus [i. e. Tendipes], nos viveiros dos arrozais. Inst. de Med. Trop. An. 1: 315-325. Dec. 1944. 448.9 L68
- 23230 CAMRAS, S. A study of the genus Ocemyia in North America (Diptera: Conopidae). Ent. Soc. Amer. Ann. 38: 216-222. June 1945. 420 En82  
Includes O. nigripes n. sp.; O. luteipes n. sp.
- 23231 CATCHESIDE, D. G., and LEA, D. E. Dominant lethals and chromosome breaks in ring X-chromosomes of Drosophila melanogaster [i. e. ampelophila]. J. Genet. 47: 25-40. July 1945. Ref. 442.8 J823
- 23232 CATCHESIDE, D. G., and LEA, D. E. The rate of induction of dominant lethals in Drosophila melanogaster [i. e. ampelophila] sperm by X-rays. J. Genet. 47: 1-9. July 1945. Ref. 442.8 J823
- 23233 COBBETT, N. G., and SMITH, C. E. DDT has possibilities of becoming a remedy for sheep ticks [Melophagus ovinus]. Amer. Vet. Med. Assoc. J. 107: 147-148. Sept. 1945. 41.8 Am3
- 23234 COOPER, K. W. Normal segregation without chiasmata in female Drosophila melanogaster [i. e. ampelophila]. Genetics 30: 472-484. Sept. 1945. Ref. 442.8 G28
- 23235 DAMONTE, F. R. Miasis y agusanamiento. Res 13: 17720. July 20, 1945. 286.85 R31  
Discusses Cochliomyia spp. as chief cause.
- 23236 \*DELAMARRE DE MONCHAUX, COMTE. Invasion de la mouche de l'oignon [Hylemya antiqua] et de la mouche du chou [Hylemya brassicae]. Acad. d'Agr. de France. Compt. Rend. 28: 441-442. June 3/10, 1942. 14 P215Bc
- 23237 \*DEORAS, P. J., and JANDU, A. S. The house-fly and its control. Indian Farming 4: 565-568. Nov. 1943. 22 In283  
Musca nebulosa, most common species in India.
- 23238 DONISTHORPE, H. The habits of Pseudacteon formicarum Verrall (Dipt., Phoridae). Ent. Monthly Mag. 81: 215. Sept. 1945. 421 En86
- 23239 \*DUBARRY, and GIRAUD-COSTA. Fièvre de trois jours et éruption due aux piqûres répétées de phlébotomes [Flebotomus sp.] (harara). Soc. de Path. Exot. B. 34: 142-152. Apr. 9/July 9, 1941. Ref. 448.9 Sol3  
Discussion by G. J. Stefanopoulos, p. 152-153.
- 23240 EYLES, E. D. "How does a fly land on the ceiling?" Roy. Ent. Soc. London. Proc. Ser. A. Gen. Ent. 20: 14-15. Mar. 15, 1945. 420 L84Pa  
High-speed motion pictures of Musca domestica show flies perform "half roll" in alighting.
- 23241 FERNÁNDEZ AGUIRRE, E. El entomólogo señor [L. C.] Scaramuzza visita el Ministerio de Agricultura; de gran interés para los señores hacendados y colonos. Agronomía [Havana] 5: 148. Aug. 1945. 8 C893  
Discusses experiments proving that Lixophaga diatraeae is predator of Diatraea saccharalis.
- 23242 \*FERREIRA, F. DA C., and FERREIRA, T. Sobre a biologia das espécies de Phlebotomus [i. e. Flebotomus], de Lisboa e arredores. Inst. de Med. Trop. An. 1: 289-313. Dec. 1944. Ref. 448.9 L68  
English and French summaries.
- 23243 \*GIL COLLADO, J. La mosca brava [Stomoxys calcitrans]. Ganadería [Madrid] 3: 89-91. Feb. 1945. 49 G15
- 23244 GOFFE, E. R. The genus Ceria Fabricius, 1794, nec Scopoli, 1763, and the several names proposed or used in its stead (Diptera, Syrphidae). Entomologist 78: 120-122. Aug. 1945. 421 En8
- 23245 GOOD BYE, Mr. Fly; DDT starts working for the dairy farmer. Guernsey Breeders' J. 68: 667-669. Oct. 1, 1945. 43.8 G93
- 23246 \*GRENIER, P. Les diapauses primaires et l'échelonnement des éclosions chez les simuliés [Simulium spp.]. Soc. Ent. de France. B. 49: 119-124. Nov. 1944. 420 F84B
- 23247 \*GRENIER, P. Remarques sur la biologie de quelques ennemis des simuliés [Simulium spp.]. Soc. Ent. de France. B. 49: 130-173. Dec. 1944. Ref. 420 F84B
- 23248 GUNDERSON, H. Effect of cattle grub [Hypoderma] treatment on weight gains in beef cattle. (Scientific note.) J. Econ. Ent. 38: 398-399. June 1945. 421 J822
- 23249 HADORN, E., and ZELLER, H. Fertilitätsstudien an Drosophila melanogaster [i. e. ampelophila]. I. Untersuchungen zum altersbedingten fertilitätsabfall. Wilhelm Roux' Arch. f. Entwickl. Mech. ier Organ. 142: 276-300. 1943. Ref. 442.8 Z33D
- 23250 \*HARANT, H. Remarques sur les diptères piqueurs du Bas-Languedoc. Soc. de Path. Exot. B. 33: 400-402. June 12/Dec. 11, 1940. 448.9 Sol3
- 23251 HAUBER, U. A. Tanypodinae of Iowa (Diptera). I. The genus Pentaneura Philippi (Tanypus). Amer. Midland Nat. 34: 496-503. Sept. 1945. Ref. 410 M58
- 23252 HSU, T. C. The chromosomes of "Drosophila repletioides." Acta Brevia Sinensia, No. 8, p. 12, processed. Dec. 1944. 472 Ac8
- 23253 HSU, T. C. Concealed natural mutations in two species of oriental Drosophila. Acta Brevia Sinensia, No. 8, p. 13, processed. Dec. 1944. 472 Ac8
- 23254 JEFFERSON, G. T. Heat injury in insects. Nature [London] 156: 111-112. July 28, 1945. 472 N21  
Experiments on Sarcophaga falcata and Calliphora erythrocephala.
- 23255 JOHANNSEN, O. A. Two new species of Cecidomyiidae from Florida. Fla. Ent. 28: 8-10. Aug. 1945. 420 F662  
Lestodiplosis floridana; Asphondylia bidens.
- 23256 KALMUS, H. Adaptive and selective responses of a population of Drosophila melanogaster [i. e. ampelophila] containing e and e+ to differences in temperature, humidity and to selection for developmental speed. J. Genet. 47: 58-63. July 1945. Ref. 442.8 J823
- 23257 KITZMILLER, J. B. Orthopodomys alba in Kentucky. (Scientific note.) J. Econ. Ent. 38: 409. June 1945. 421 J822
- 23258 KNAPP, J. V., and LEWIS, L. H. Cattle heel fly or grub [Hypoderma lineatum, H. bovis]. For Sale, Want and Exch. B. 4(12): 1, 4. Sept. 15, 1945. 280.38 F74
- 23259 LATHROP, F. H., and DIRKS, C. O. Timing the seasonal cycles of insects: the emergence of Rhagoletis pomonella. J. Econ. Ent. 38: 330-334. June 1945. 421 J822
- 23260 LEA, D. E., and CATCHESIDE, D. G. The bearing of radiation experiments on the size of the gene. J. Genet. 47: 41-50. July 1945. Ref. 442.8 J823  
Experiments with Drosophila.
- 23261 LEA, D. E., and CATCHESIDE, D. G. The relation between recessive lethals, dominant lethals, and chromosome aberrations in Drosophila [ampelophila]. J. Genet. 47: 10-24. July 1945. Ref. 442.8 J823



- 23262 LESTER, H. M. O. Further progress in the control of sleeping sickness in Nigeria. Roy. Soc. Trop. Med. and Hyg. Trans. 38: 425-444. July 1945. Ref. 448.9 R813  
Includes methods of controlling *Glossina* spp.
- 23263 LINEWEAVER, G. A. 100,000 cattle treated; Iowa 4-H's campaign. Country Gent. 115(9): 55. Sept. 1945. 6 C833  
To control cattle grub, *Hypoderma*.
- 23264 LINSLEY, E. G. A phorid fly [*Megaselia pygmaeoides*?] from the nests of *Anthophora* [stanfordiana] in California. Brooklyn Ent. Soc. B. 40: 67-68. June 1945. 420 B79
- 23265 MACFIE, J. W. S. A new species of *Apelma* [*A. fijiensis* (= *Forcipomyia fijiensis*?)] (Diptera, Geratopogonidae) from Fiji. Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 1-2. Feb. 27, 1945. 420 L84Fb
- 23266 MANWARING, W. H. Poliomyelitis from fly-contaminated food. Calif. and West. Med. 63(2): 59. Aug. 1945. 443.8 C12  
*Musca domestica* most common.
- 23267 MARLOWE, R. H. Effect of foods on ovarian development in the melon fly [*Dacus cucurbitae*]. J. Econ. Ent. 38: 339-340. June 1945. 421 J822
- 23268 MARQUARDT, J. C. Fly control methods. Amer. Butter Rev. 7: 252. Aug. 1945. 44.8 Am37  
Lists proper procedures for cheese plants.
- 23269 \*MARTELLI, G. M. Notizie su due ditteri viventi in Tripolitania sul peperone e rapporti intercorrenti tra essi. Agr. Colon. 37(2): 31-43. Feb. 1943. Ref. 26 Ag82  
Discusses *Geratititis capitata* and *Lonchaea splendida*.
- 23270 MATTHEYSSE, J. G. Large scale power dusting of feeder lambs for winter control of the sheep tick [*Melophagus ovinus*]. J. Econ. Ent. 38: 285-290. June 1945. 421 J822
- 23271 \*MEIRA, M. T. V. DE., and FERREIRA, T. G. Espèces de phlébotomes [Flebotomus] de Lisbonne et de ses environs. Inst. de Med. Trop. An. 1: 269-288. Dec. 1944. Ref. 448.9 L68  
English summary.
- 23272 \*MELIS, A. La questione antidacica nell'attuale momento. Redia 28: 139-151. 1942. 421 R241  
Control of *Dacus oleae*.
- 23273 MILLER, D. Generic name changes in Diptera. Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 72. June 30, 1945. 420 L84Fb
- 23274 NEW REMEDY for fleece worms [*Phormia regina*]; the United States Department of Agriculture has developed a mixture to control fleece worm infestation on sheep that offers unusual promise and may be applied without shearing prior to treatment. Down to Earth 1(2): 16-17. Aug. 1945. 381 D75
- 23275 NICHOLSON, H. P. The morphology of the mouthparts of the non-biting blackfly, *Eusimulium dacotense* D. & S., as compared with those of the biting species, *Simulium venustum* Say (Diptera: Simuliidae). Ent. Soc. Amer. Ann. 38: 281-297. June 1945. Ref. 420 En82
- 23276 \*NUZHIDIN, N. I. Zakonomernosti vlianiia geterokhromatina na mozaichnost'. (The regularities of the heterochromatin influence on mosaicism. The hypothesis of the structural homozygosity and heterozygosity). Zhur. Obshch. Biol. 5: 357-388. 1944. Ref. 442.8 Z6  
English summary.  
Observations on *Drosophila ampelophila*.
- 23277 PATTERSON, J. T., and DOBZHANSKY, T. Incipient reproductive isolation between two subspecies of *Drosophila pallidipennis*. Genetics 30: 429-438. Sept. 1945. 442.8 G28
- 23278 PETERSON, C. W. Full-scale test of DDT is completed. Southeast. Cattleman 5(4): 9, 28. Oct. 1945. 43.8 F66A  
Control of flies on cattle.
- 23279 POTTS, W. H., and VANDERPLANK, F. L. Mode of entry of contact insecticides. Nature [London], 156: 112. July 28, 1945. 472 N21  
Observations connected with use of DDT against *Glossina* spp.
- 23280 \*PRABHU, S. S. A rare mutant in *Drosophila pseudoobscura*. Indian Acad. Sci. Proc. Sect. B 21: 279-300. June 1945. Ref. 513 In25B
- 23281 RAPP, W. F., JR., and SNOW, W. E. Catalogue of the Lonchopteridae of the world. Brooklyn Ent. Soc. B. 40: 81-83. June 1945. 420 B79
- 23282 \*RINGDAHL, O. Bestämningstabell jämte utbildningsuppgifter till svenska arter av släktet *Limnophora* R. D. (Diptera; Muscidae) [Key and distribution information on Swedish species of the genus *Limnophora*]. Ent. Tidskr. 62: 206-221. Nov. 6, 1941. 421 En891  
Includes *L. setulosa* n. sp. and *L. krogerusi* n. sp.
- 23283 \*RINGDAHL, O. Bidrag till kännedomen om flugfaunan (Diptera Brachycera) på Hallands Väderö [Contribution to the knowledge of the fly fauna on Hallands Väderö]. Ent. Tidskr. 62: 1-23. Jan. 10, 1941. 421 En891
- 23284 \*RINGDAHL, O. För svenska faunan nya Diptera [Diptera new to the Swedish fauna]. Ent. Tidskr. 66: 1-6. Mar. 20, 1945. 421 En891  
Includes *Paracoenosia* n. g.
- 23285 \*RINGDAHL, O. Översikt av småsläktena inom familjen Muscidae [Review of small genera within the family Muscidae]. Ent. Tidskr. 66: 95-106. July 10, 1945. 421 En891
- 23286 \*RINGDAHL, O. Översikt av svenska arter till underfam. Coenosiniinae. (Diptera: Muscidae) [Review of Swedish species of the subfam. Coenosiniinae]. Ent. Tidskr. 66: 7-22. Mar. 20, 1945. 421 En891  
Includes 3 n. sgen. in *Coenosia*.
- 23287 \*RINGDAHL, O. Studier över släktet *Prosalpia* Pok. [Studies on the genus *Prosalpia*]. Ent. Tidskr. 63: 134-146. Oct. 20, 1942. 421 En891  
Includes 4 n. sgen.
- 23288 \*RISTORCELLI, A., and DAO, V. T. Morphologie de la femelle de *Phlebotomus* [i. e. *Phlebotomus*; panamensis Shannon 1926. Ann. de Parasitol. Humaine et Compar. 18(1/3): 67-71. 1941. 436.8 An7
- 23289 \*RISTORCELLI, A., and DAO, V. T. III. - *Phlebotomes* d'une région de Colombie où la verruga du Pérou est devenue endémique depuis trois ou quatre ans. Ann. de Parasitol. Humaine et Compar. 18(1/3): 72-74. 1941. 436.8 An7  
Includes *Phlebotomus osornoi* n. sp.; *F. colombianus* n. sp.; *F. monticolus incarum* n. var.
- 23290 \*SAGGA, G. Sul *Phlebotomus* [i. e. *Phlebotomus*; parroti e sulla sua varietà italicus. Riv. di Parasitol. 6: 93-99. June 1942. Ref. 436.8 R52
- 23291 SHENG, T. C. A case of high frequency of naturally occurring phenocopies in "*Drosophila melanogaster*" [i. e. *ampelophila*]. Acta Brevia Sinensia, No. 8, p. 12, processed. Dec. 1944. 472 Ac8
- 23292 SHENG, T. C., TAN, C. C., and CHEN, S. T. *Drosophila* species of China. Acta Brevia Sinensia, No. 8, p. 10, processed. Dec. 1944. 472 Ac8  
Includes 4 n. spp.
- 23293 SHENG, T. C. Notes on the secondary sexual characters of some oriental *Drosophila*. Acta Brevia Sinensia, No. 8, p. 11-12, processed. Dec. 1944. 472 Ac8
- 23294 \*SHTAKEL'BERG, A. A. Fauna dvukrylykh Vostochnogo Sektora Arkticheskoi Sibiri i ee proiskhozhdenie (Diptera of the Far East of Arctic Siberia and their origin). Akad. Nauk S.S.S.R. Izv. Ser. Biol., 1944, No. 5, p. 260-271. Ref. 511 Sa2B  
English summary.  
New spp.: *Tipula wrangeliana*; *T. kashkarovi*.



- 23295 SMART, J. *Drosophila subobscura* Collin: descriptive notes on the species with comments on its nomenclatorial status (Diptera). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 53-56. Apr. 27, 1945. 420 L84Pb
- D. séguyi, new name for *D. subobscura* Séguy, not Collin.
- 23296 \*STATUTI, F. *Autarchia olearia* e mosca delle olive (*Dacus oleae*). Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 127-141. Roma, 1940. 94.72 C7682
- 23297 \*STEFANELLI, A. Affinità sistematiche dei chiroterri e parassitismo dei Nycteribiidae, Diptera Pupipara. Parte I-II. Riv. di Parassitol. 6: 1-44, 61-86. Mar., June 1942. Ref. 436.8 R52
- Contents: Pt. I. Gli ospiti; Pt. II. I parassiti.
- 23298 STOCKLEY, C. H. Wild life and farming in Africa. Field 186: 138-140. Aug. 11, 1945. 10 F45
- Role of Glossina in transmitting disease from game to farm animals.
- 23299 STONE, A. The Meigen 1800 names again. Science 102: 335. Sept. 28, 1945. 470 Sci2
- Refers to validation of the Meigen genera - Diptera, 1800.
- 23300 TAN, C. C., SHENG, T. C., and CHANG, P. H. Known *Drosophila* in China and some notes on three new species. Acta Brevia Sinensia, No. 8, p. 9-10, processed. Dec. 1944. 472 Ac8
- 23301 TAN, C. C. The nature of the "race-differential" chromosome in "*Drosophila montium*." Acta Brevia Sinensia, No. 8, p. 10-11, processed. Dec. 1944. 472 Ac8
- 23302 TAN, C. C., and HSU, T. C. On the racial differentiation of "*Drosophila montium*." Acta Brevia Sinensia, No. 8, p. 11, processed. Dec. 1944. 472 Ac8
- 23303 TAN, C. C. Two new karyotypes in "*Drosophila*." Acta Brevia Sinensia, No. 8, p. 10, processed. Dec. 1944. 472 Ac8
- 23304 TELFORD, H. S., and HARWOOD, P. D. DDT fails to remove horsebots (*Gasterophilus* sp.). (Scientific note.) J. Econ. Ent. 38: 399. June 1945. 421 J822
- 23305 \*VENTURI, F. La "Hylemyia [i.e. Hylemya] genitalis" Schnabl (Diptera, Muscidae). Note biologiche e morfologiche. Redia 30: 71-127. 1944. Ref. 421 R241
- 23306 VILLEE, C. A. On homoecosis in *Drosophila*. Elisha Mitchell Sci. Soc. J. 61: 291-300. Aug. 1945. Ref. 500 M4
- 23307 WASFI, M., and RAEF, M. Fly-control at Cairo sewage farm at Gabal-Al-Asfar. Roy. Egypt. Med. Assoc. J. 27: 539-544. Dec. 1944. 448.9 E93
- Musca vicina* most predominant species.
- 23308 WEBB, J. E. The penetration of derris through the spiracles and cuticle of *Melophagus ovinus*, L. B. Ent. Res. 36: 15-22. July 1945. Ref. 421 B87
- 23309 ZAMENHOF, S. Studies on factors influencing mutability. Experiments with unstable genes. J. Genet. 47: 64-68. July 1945. 442.8 J823
- Observations of *Drosophila virilis*.
- 23310 ZAMENHOF, S. Studies on induction of mutations by chemicals. II. Experiments with unstable genes. J. Genet. 47: 69-75. July 1945. Ref. 442.8 J823
- Observations of *Drosophila virilis*.
- Culicidae
- 23311 \*ANDRÉ-THOMAS. Piqure de moustique et réactions sympathiques. Presse Méd. [Paris] 49: 587-589. May 28/31, 1941. 448.8 P92
- 23312 BELKIN, J. N., KNIGHT, K. L., and ROZEBOOM, L. E. Anopheline mosquitoes of the Solomon Islands and New Hebrides. J. Parasitol. 31: 241-266. Aug. 1945. 448.8 J824
- Includes *Anopheles solomonis* n. sp.
- 23313 \*BRUMPT, E. Les entomophthorées parasites des moustiques; étude critique; recherches personnelles. Ann. de Parasitol. Humaine et Compar. 18 (1/3): 112-144. 1941. Ref. 436.8 An7
- Study of *Empusa* spp. and *Entomophthora* spp. on *Culex pipiens* and *Culiseta annulata*.
- Includes *Entomophthora schroeteri* n. sp.
- 23314 \*BRUMPT, E. Mécanisme d'éclosion des moustiques. Ann. de Parasitol. Humaine et Compar. 18 (1/3): 75-94. 1941. Ref. 436.8 An7
- 23315 \*CAMBOURNAC, F. J. C. Culicidas (Diptera, Nematocera) da região de Águas de Moura. Inst. de Med. Trop. An. 1: 247-268. Dec. 1944. Ref. 448.9 L68
- 23316 \*CAMBOURNAC, F. J. C., and SIMÕES, J. M. P. Nota sobre alguns ensaios realizados com Neocid e 7013 Geigy contra as larvas de *Anopheles*. Inst. de Med. Trop. An. 1: 383-392. Dec. 1944. 448.9 L68
- 23317 \*CAMBOURNAC, F. J. C., and SIMÕES, J. M. P. Sobre a produção de *Anopheles* nos arrozais de Águas de Moura. Inst. de Med. Trop. An. 1: 229-239. Dec. 1944. 448.9 L68
- 23318 CARPENTER, S. J. Collection records of *Culex tarsalis* in army camps in the Southeastern States during 1942, 1943 and 1944. (Scientific note.) J. Econ. Ent. 38: 404-406. June 1945. 421 J822
- 23319 CARPENTER, S. J., CHAMBERLAIN, R. W., and WANAMAKER, J. F. New distribution records for the mosquitoes of the Southeastern States in 1940. (Scientific note.) J. Econ. Ent. 38: 401-402. June 1945. 421 J822
- 23320 \*CORRADETTI, A. Pietro Paolo da Sangallo e le sue Esperienze Intorno alla Generazione delle Zanzare. Riv. di Parassitol. 7: 1-6. Mar. 1943. 436.8 R52
- 23321 \*CORRADETTI, A. Sull'introduzione di metodi genetici per la determinazione delle specie negli anofelini. Riv. di Parassitol. 7: 43-48. Mar. 1943. Ref. 436.8 R52
- 23322 DAGGY, R. H. The biology and seasonal cycle of *Anopheles farauti* on Espiritu Santo, New Hebrides. Ent. Soc. Amer. Ann. 38: 1-13. Mar. 1945. 420 En82
- 23323 \*DEL VECCHIO, V. Ricerche microbiologiche sull'evoluzione metamorfosale degli anofeli. Riv. di Parassitol. 6: 87-91. June 1942. 436.8 R52
- 23324 DE MEILLON, B., PARENT, M., and BLACK, L. O'C. Descriptions of new larvae and pupae of Ethiopian Culicini. B. Ent. Res. 36: 85-101. July 1945. 421 B87
- 23325 DODGE, H. R. Notes on the morphology of mosquito larvae. Ent. Soc. Amer. Ann. 38: 163-167. June 1945. 420 En82
- 23326 FAUST, E. C. Clinical and public health aspects of malaria in the United States from an historical perspective. Amer. J. Trop. Med. 25: 185-201. May 1945. Ref. 448.8 Am33
- Role of *Anopheles* spp.
- 23327 \*FORSSLUND, K. H. Eine stechmücke (*Culex molestus* Forskal) als krankheitserreger. Ent. Tidskr. 62: 191. Nov. 6, 1941. 421 En891
- 23328 GERBERICH, J. B. Quieting mosquito larvae (*Aedes aegypti*; *Anopheles quadrimaculatus*). (Scientific note.) J. Econ. Ent. 38: 393-394. June 1945. 421 J822
- 23329 \*GRECO, A. Su un nuovo metodo di preparazione di miscele liquide per lo spandimento degli antilarvali nella lotta contro la malaria. Riv. di Parassitol. 7: 49-56. Mar. 1943. 436.8 R52
- 23330 HADDOW, A. J. The mosquitoes of Bwamba County, Uganda. II. Biting activity with special reference to the influence of microclimate. B. Ent. Res. 36: 33-73. July 1945. Ref. 421 B87
- Special reference to *Aedes simpsoni*.



- 23331 KNOWLES, F. L., and FISK, F. W. DDT water emulsion in rice fields as a method of controlling larvae of *Anopheles quadrimaculatus* and other mosquitoes. Pub. Health Rpts. 60: 1005-1019. Aug. 31, 1945. 151.65 P96
- 23332 LEE, D. J., and WOODHILL, A. R. The anopheline mosquitoes of the Australasian region. Sydney U. Dept. Zool. Monog. 2, 209 p. Sydney, 1944. Ref. 440.9 Sy2M
- 23333 LEVER, R. J. A. W. The anopheline mosquitoes of Melanesia. Roy. Soc. Trop. Med. and Hyg. Trans. 38: 499-501. July 1945. Ref. 448.9 R813
- 23334 LEVI-CASTILLO, R. *Anopheles pseudopunctipennis* in the Los Chillos Valley of Ecuador. J. Econ. Ent. 38: 385-388. June 1945. 421 J822
- 23335 MANSON-BAHR, SIR P. The Manson saga. Roy. Soc. Trop. Med. and Hyg. Trans. 38: 401-417. July 1945. 448.9 R813
- Presented at a special meeting of the Society commemorating Sir Patrick Manson and his work on mosquitoes, malaria, and other tropical diseases; with colored portrait. Other tributes to Manson's life and work, by G. C. Low, H. M. Hanschell, S. P. James, G. King, and Sir H. Scott, p. 417-424.
- 23336 NEWTON, W. L., WRIGHT, W. H., and PRATT, I. Experiments to determine potential mosquito vectors of *Wuchereria bancrofti* in the continental United States. Amer. J. Trop. Med. 25: 253-261. May 1945. 448.8 Am33
- 23337 NEWTON, W. L., and PRATT, I. Experiments to determine whether infective larvae of *Wuchereria bancrofti* can migrate from the abdomen of the mosquito to intermediate host. J. Parasitol. 31: 266-268. Aug. 1945. 448.8 J824
- 23338 OWEN, W. B. A new anopheline (*Anopheles koliensis*) from the Solomon Islands with notes on its biology. J. Parasitol. 31: 236-240. Aug. 1945. 448.8 J824
- 23339 PETERSON, A. G., and SMITH, W. W. Occurrence and distribution of mosquitoes in Mississippi. J. Econ. Ent. 38: 378-383. June 1945. 421 J822
- 23340 PRICE, M. M., and LYMAN, F. E. Second report on the control of *Anopheles quadrimaculatus* Say in the water-chestnut areas of the Potomac River, 1944. Pub. Health Rpts. 60: 985-994. Aug. 24, 1945. 151.65 P96
- Airplane dusting with paris green.
- 23341 \*ROUBAUD, E., and others. Infection expérimentale de culicidés (aédines) européens avec le virus de l'encéphalomyélite équine américaine, type Venezuela. Soc. de Path. Exot. B. 34: 130-133. Apr. 9/July 9, 1941. 448.9 Sol3
- P. Lépine, M. Treillard, and V. Sautter, joint authors.
- Experiments with *Aedes* spp. and *Anopheles* spp.
- 23342 \*ROUBAUD, E., and COLAS-BELCOUR, J. Présence dans la région parisienne d'un gîte larvaire d'*Aedes* (*Ochlerotatus*) *pulchritarsis* Rond. Soc. de Path. Exot. B. 34: 175-179. Apr. 9/July 9, 1941. Ref. 448.9 Sol3
- Discussion by A. Lafont, p. 179.
- 23343 \*ROUBAUD, E. Sur les variations trophiques des peuplements de *Culex fatigans* Wied. Soc. de Path. Exot. B. 33: 415-420. June 12/Dec. 11, 1940. 448.9 Sol3
- 23344 \*SCHWETZ, J. Sur les gîtes larvaires d'*Anopheles*, pharoensis, Théo (et *A. squamosus*, Théo) au Congo Belge. Soc. de Path. Exot. B. 34: 153-159. Apr. 9/July 9, 1941. 448.9 Sol3
- 23345 SHUTE, P. G. An investigation into the number of sporozoites (*Plasmodium* spp.) in the salivary glands of *Anopheles* mosquitoes. Roy. Soc. Trop. Med. and Hyg. Trans. 38: 493-498. July 1945. 448.9 R813
- 23346 THEODOR, O. H., and PARSONS, B. T. Insectary rearing of *Anopheles pharoensis*. B. Ent. Res. 36: 79-83. July 1945. 421 B87
- 23347 \*TOUMANOFF, C. A propos de la "dégénérescence brune" des microfilaires [*Dirofilaria immitis*; chez les moustiques (*Anopheles* spp.) sa nature; analogie avec les "black spores" de Ross. Soc. de Path. Exot. B. 33: 372-377. June 12/Dec. 11, 1940. Ref. 448.9 Sol3
- 23348 TREMBLEY, H. L. Laboratory rearing of *Aedes atropalpus*. (Scientific note.) J. Econ. Ent. 38: 408-409. June 1945. 421 J822
- 23349 VAN SOMEREN, E. C. C. Ethiopian Culicidae; descriptions of two East African culicine larvae [*Culex wigglesworthi*, C. subaequalis], not hitherto described, and a new subspecies [*C. aurananex abyssinicus*] from Abyssinia (Diptera). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 77-80. June 30, 1945. 420 L84Pb
- 23350 WADDELL, M. B., and TAYLOR, R. M. Studies on cyclic passage of yellow fever virus in South American mammals and mosquitoes; marmosets (*Callithrix aurita*) and cebus monkeys (*Cebus versutus*) in combination with *Aedes aegypti* and *Haemagogus equinus*. Amer. J. Trop. Med. 25: 225-230. May 1945. Ref. 448.8 Am33

## HEMIPTERA (HETEROPTERA AND HOMOPTERA)

- 23351 \*BALACHOWSKY, A. Biologie et dégâts de la cicadelle verte (*Tettigoniella* [i. e. *Cicadella*] *viridis* L.) en France. Ann. des Epiphyt. (n. s.) 7: 65-83. 1941. Ref. 464.9 F84A
- 23352 BALDUF, W. V. Bionomic notes on *Menecles insertus* (Say) (Hemiptera, Pentatomidae). Brooklyn Ent. Soc. B. 40: 61-65. June 1945. Ref. 420 B79
- 23353 BECERRA AGUDELO, M. DE J. El pulgón del manzano [*Eriosoma lanigerum*]. Agr. Trop. 1(5): 39-41. June 1945. 26 Ag6
- 23354 BRIERLY, P., and SMITH, F. F. Fleck disease of Easter lilies a menace to lily forcers. Florists' Exch. 105(11): 16. Sept. 15, 1945. 80 F666
- Control of *Aphis gossypii* as vectors.
- 23355 \*BRUNETEAU, J. La lutte contre le pou de San José [*Aspidiotus perniciosus*] aux États-Unis d'Amérique et en Europe Centrale jusqu'en 1939. Ann. des Epiphyt. (n. s.) 9: 221-233. 1943. Ref. 464.9 F84A
- 23356 CÁCERES BRIE, A. El problema del pulgón verde [*Toxoptera graminum*] - necesidad de un insectario. Diario Rural 4(495): 10. June 14, 1945. 9.9 D54
- 23357 CALDWELL, J. S. Notes on Issidae from Mexico (Homoptera: Fulgoroidea). Ent. Soc. Amer. Ann. 38: 89-120. Mar. 1945. 420 En82
- Includes 37 n. spp.; new g.: *Delongana*; *Traxanellus*; *Plummerana*; *Prothona*.
- 23358 CAMPBELL, R. E. Cabbage aphid [*Brevicoryne brassicae*] control. Tex. Farming and Citric. 22 (3): 6. Sept. 1945. 80 T31
- 23359 CARTER, W. The oral secretions of the pineapple mealybug [*Pseudococcus brevipes*]. J. Econ. Ent. 38: 335-338. June 1945. 421 J822
- 23360 COOK, W. C. The relation of spring movements of the beet leafhopper (*Eutettix tenellus* Baker) in central California to temperature accumulations (Homoptera). Ent. Soc. Amer. Ann. 38: 149-162. June 1945. 420 En82
- 23361 CORY, E. N. Control of several scales infesting orchids. (Scientific note.) J. Econ. Ent. 38: 395-396. June 1945. 421 J822
- DDT emulsion.
- 23362 DELONG, D. M. A new genus *Acunasus* and eight new species of Mexican leafhoppers (Homoptera: Cicadellidae). Ent. Soc. Amer. Ann. 38: 199-206. June 1945. 420 En82
- 23363 DICKE, R. J., DEXHEIMER, F. J., and ALLEN, T. C. Sabadilla dust to control the squash bug [*Anasa tristis*]. (Scientific note.) J. Econ. Ent. 38: 389. June 1945. 421 J822



- 23364 DURÁN M., L. El combate biológico de la conchuela negra del olivo [*Seissetia oleae*], y sus posibilidades en Chile. Unión Agr. del Sur 3(17): 12-14. May 1945. 9.3 Un3  
Metaphycus helvolus most effective.
- 23365 ELLIS, F. E. About potatoes - and D.D.T. Family Herald and Weekly Star 76(37): 10. Sept. 12, 1945. 7 F21  
Effective control of *Empoasca fabae*.
- 23366 ESSIG, E. O. A synonym of *Cerosipha subterranea* (Mason). (Scientific note.) J. Econ. Ent. 38: 409. June 1945. 421 J822
- 23367 FILMER, R. S., and SMITH, C. L. Activated sabadilla, a new and effective insecticide for the control of chinch bugs [*Blissus hirtus*] in turf. Greenkeepers' Rptr. 13(4): 24. July/Aug. 1945. 60.18 G83
- 23368 FILMER, R. S., and SMITH, C. L. Activated sabadilla, a new control of chinch bugs [*Blissus hirtus*] in turf. Golfdom 19(8): 9. Aug. 1945. 60.18 G58
- 23369 FISHER, E. H., and ALLEN, T. C. Control of potato leafhoppers [*Empoasca fabae*] infesting string beans. (Scientific note.) J. Econ. Ent. 38: 392-393. June 1945. 421 J822
- 23370 FROST, S. W. Strange oviposition habits of a treehopper [*Ceresa*; *Sterictophora*?]. (Scientific note.) J. Econ. Ent. 38: 403. June 1945. 421 J822
- 23371 GOLDING, F. D. Notes on *Helopeltis sanguineus*, Popp., on cotton in Nigeria. B. Ent. Res. 36: 75-78. July 1945. 421 B87
- 23372 HOFFMANN, C. H. An unusual outbreak of aphids [*Cinara* spp.] on pine. J. Econ. Ent. 38: 375-377. June 1945. 421 J822
- 23373 JARVIS, H. Carrot root aphid [*Amuraphis tulipae*]. Queensland Agr. J. 60: 353-354. June 1, 1945. 23 Q33
- 23374 JENKINS, C. F. H. The citrus red scale [*Aonidiella aurantii*]. West. Austral. Dept. Agr. J. (ser. 2) 22: 10-18. Mar. 1945. 23 W52J
- 23375 JONES, M. G. The viburnum aphid, *Aphis (Doralis) viburni*, Scop. B. Ent. Res. 36: 1-13. July 1945. Ref. 421 B87
- 23376 \*KULLENBERG, B. Über die aufteilung von *Lygus pratensis* (L.). Ent. Tidskr. 62: 177-183. Nov. 6, 1941. 421 En891  
Separation from *L. pubescens*.
- 23377 \*LAL, K. B., and SINGH, R. N. Control of woolly aphid [*Eriosoma lanigerum*] by *Coccinella septempunctata* Linn. Indian Farming 6: 24-25. Jan. 1945. 22 In283
- 23378 LATHROP, F. H. Oyster shell scale [*Lepidosaphes ulmi*] a problem in Maine apple orchards. Mass. State Col. Ext. Fruit Notes, Aug. 31, 1945, p. 4-5, processed. 275.29 M381Fr
- 23379 \*LAZZARI, M., and SERVADEI, A. Le fumigazioni cianidriche delle piante da vivaio nel pistoiense. (1.<sup>a</sup> nota.) Redia 27: 1-17. 1941. Ref. 421 R241  
For coccid control.
- 23380 \*LEPESME, P. Contribution à l'étude de *Volumus obscurus* Popp. (Hemiptera Capsidae), agent de la "coulture" des fleurs de caféier en Afrique Centrale. Ann. des Epiphyt. (n. s.) 8: 47-59. 1942 464.9 F84A
- 23381 \*LÉPINE, P., MATHIS, M., and SAUTTER, V. Infestation expérimentale de *Triatoma infestans* par le virus de l'encéphalomyélite équine américaine, type Venezuela. Soc. de Path. Exot. B. 34: 115-118. Apr. 9/July 9, 1941. 448.9 Sol3
- 23382 LEVER, R. J. A. W. An annotated check list of the mealy bugs [*Pseudococcinae*] and scale insects [*Coccidae*] of Fiji. Fiji. Dept. Agr. Agr. J. 16: 41-44. June 1945. 25 F47Ag
- 23383 LIEBERMAN, F. V. New insecticides for control of alfalfa-seed insects [*Lygus* sp.]; field trials show superiority of DDT as insecticide, but its effects on beneficial insects and livestock still not tested. Farm & Home Sci. [Utah Sta.] 6(3): 3-4. Sept. 1945. 100 UtlF
- 23384 LINDGREN, D. L., and DICKSON, R. C. Repeated fumigation with HCN and the development of resistance in the California red scale [*Aonidiella aurantii*]. J. Econ. Ent. 38: 296-299. June 1945. 421 J822
- 23385 LÓPEZ CRISTOBAL, U. El pulgón verde de los cereales [*Toxoptera graminum*]. Campo [Buenos Aires] 29(344): 40-41, 43. June 1945. 9 G15
- 23386 \*LUCAS, J. R. L'Icérva purchasi sur la côte Basque. Prog. Agr. et Vitic. 122: 121-123. Apr. 1/15, 1945. 14 P94
- 23387 M., H. A. The mealy cabbage aphid [*Brevicoryne brassicae*]. Gard. Chron. 118: 109-110. Sept. 8, 1945. 80 G162
- 23388 M. and B. Citrus personalities under the microscope - No. 3: Soft scale [*Coccus hesperidum*]. Citrus Grower, No. 138, p. 4. July 30, 1945. 80 C495
- 23389 MALLIS, A. The bat bug [*Cimex pilosellus*], and its control. Pests 13(9): 22. Sept. 1945. 449.8 Ex8
- 23390 \*MELIS, A. Contributo alla conoscenza dell'"Aspidiotus perniciosus" Comst. Redia 29: 1-170. 1943. Ref. 421 R241
- 23391 \*MORQUER, R., and NYSTERAKIS, F. Les commensaux et les ennemis du phylloxera de la vigne [*Phylloxera vitifoliae*]. Prog. Agr. et Vitic. 121: 132-134. (To be cont.) Apr. 16/30, 1944. 14 P94
- 23392 \*NEPVEU, P. Remarques sur les dégâts du pou de San José [*Aspidiotus perniciosus*]. Ann. des Epiphyt. (n. s.) 9: 235-251. 1943. 464.9 F84A
- 23393 \*NICOLLE, P., and LWOFF, M. L'acide panthénique dans la nutrition de l'hémiptère hérophage *Triatoma infestans* Klug. Soc. de Biol. [Paris], Compt. Rend. 138: 341-343. June 1944. 442.9 P21
- 23394 \*NICOLLE, P. Appareil pour l'alimentation artificielle des réduvidés hérophages. Soc. de Path. Exot. B. 34: 179-185. Apr. 9/July 9, 1941. 448.9 Sol3
- 23395 \*NICOLLE, P., and LWOFF, M. Thermotropisme et alimentation artificielle des réduvidés hérophages. Soc. de Biol. [Paris], Compt. Rend. 138: 164-165. Mar. 1944. 442.9 P21
- Experiments with *Triatoma infestans*.
- 23396 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Fruit tree pests: capsid bugs [*Plesiocoris rugicollis*, *Lygus pabulinus*]. North. Ireland. Min. Agr. Leaflet 10, rev., 6 p. Belfast, 1945. 10 N81
- 23397 \*OSSIANILSSON, F. A new Swedish species of *Empoasca* (Hom.) *Empoasca strigilifera* n. sp. Ent. Tidskr. 62: 198-199. Nov. 6, 1941. 421 En891
- 23398 PELAEZ, D. Estudios sobre membrácidos. V. Las especies mexicanas del género *Sphingophorus* Fairmaire (Hem. Hom.). Mex. Esc. Nac. de Cien. Biol. An. 4(1): 53-146. May 15, 1945. Ref. 442.9 M573  
Includes 5 n. spp.
- 23399 PIZA JR., S. DE T. Meiose em *Diactor bilineatus*. (Corrigenda). Rev. de Agr. [Piracicaba] 20: 62-63. Jan./Feb. 1945. 9.2 R324
- 23400 EL "PULGÓN verde" [*Toxoptera graminum*] de los cereales. Ausencia de estadísticas. Desarrollo del pulgón. Actuación de la avispa. Los insectívoros en el país. Un consejo al Ministerio de Agricultura Buenos Aires y La Pampa, No. 80, p. 34-38. June 1945. 9 B868
- 23401 \*RAO, Y. R., and CHERIAN, M. C. The fluted scale, *Icerya purchasi* Mask., as a pest of wattle in South India, and its control by the biological method. Madras Agr. J. 32: 92-102, 131-140. Mar./Apr., May/July 1944. 22 M262  
*Rodolia cardinalis* introduced as predator.



- 23402 SALT, R. W. Number of generations of *Lygus hesperus* Knt. and *L. elisus* Van D. in Alberta. Sci. Agr. 25: 573-576. June 1945. 7 Sci2
- 23403 \*SERVADEI, A. Sulla presenza in Albania della "Ceresa bubalus" F. e la sua diffusione in Europa. Redia 28: 1-10. 1942. Ref. 421 R241
- 23404 SORENSON, C. J., and CARLSON, J. W. New insecticides give promise for control of *Lygus* bugs in alfalfa grown for seed. Farm & Home Sci. [Utah Sta.] 6(3): 5, 11. Sept. 1945. 100 Utl1F
- DDT, sabadilla.
- 23405 STEYSKAL, G. Leafhoppers [Phlepsius irroratus, swarming (Homoptera, Cicadellidae). Brooklyn Ent. Soc. B. 40: 86. June 1945. 420 B79
- 23406 TATE, H. D., and GATES, D. B. Toxicity of sabadilla to chinch bugs [Blissus leucopterus], and squash bugs [Anasa tristis]. (Scientific note.) J. Econ. Ent. 38: 391. June 1945. 421 J822
- 23407 TORMO, J. La Filoxera vastatrix [i.e. Phylloxera vastatrix, en el valle de Chincha. Vini-Avi-Cultura 1(3): 5-10. Jan. 1945. 95.8 V76
- 23408 TORRE-BUENO, J. R. DE LA. Random notes on Heteroptera. Brooklyn Ent. Soc. B. 40: 68. June 1945. 420 B79
- 23409 TORRE-BUENO, J. R. DE LA. Random notes on Thasus acutangulus. Brooklyn Ent. Soc. B. 40: 83. June 1945. 420 B79
- 23410 TORRES, B. A. Sobre la supuesta variación de Tettigades chilensis Amy. et Serv. y cinco nuevas especies del género citado (Homoptera-Cicadidae). La Plata. U. Nac. Mus. Notas. Zool. 9: 453-474. Dec. 22, 1944. Ref. 410 L31
- 23411 YOUNG, M. T., and others. Effect of nicotine applied with calcium arsenate at different times of day upon cotton aphids [Aphis gossypii], and yields. J. Econ. Ent. 38: 383-384. June 1945. 421 J822
- G. L. Smith, G. L. Garrison, and R. C. Gaines, joint authors.
- 23412 ZAKHVATKIN, A. A. A Chunra-like bythoscopid (Homoptera) from East Siberia. Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 2-5. Feb. 27, 1945. 420 L84Pb
- Megipocerus mordvilkoii n. g., n. sp.
- 23413 ZAKHVATKIN, A. A. On some European species of Selenocephalus (Homoptera, Jassidae). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 6-9. Feb. 27, 1945. 420 L84Pb
- Includes S. rossicus n. sp., S. rossicus tesquicola n. ssp.
- HYMENOPTERA**
- 23414 ALLEN, H. W., and BRUNSON, M. H. A microsporidian in Macrocentrus ancylicivorus. (Scientific note.) J. Econ. Ent. 38: 393. June 1945. 421 J822
- 23415 ARAUJO E SILVA, A. G. D'. Nota sobre "Homalotylus flaminus" (Dalman, 1820) (Hym. - Encyrtidae). B. Fitosanit. 1(1): 29-35. Mar. 1944. 464.9 B732
- Lists hosts.
- 23416 BENSON, R. B. Classification of the Pamphiliidae (Hymenoptera Symphyta). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 25-33. Apr. 27, 1945. 420 L84Pb
- Two new subfamilies, four new tribes.
- 23417 BENSON, R. B. Classification of the Xyelidae (Hymenoptera Symphyta). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 34-37. Apr. 27, 1945. Ref. 420 L84Pb
- Includes 3 n. subfamilies.
- 23418 \*BOVEY, P., and MARTINOLI, L. Les hoplocampes des prunes, Hoplocampa minuta Christ et Hoplocampa flava L. Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 4, p. 5-8. Apr. 1945. 17 J82A
- 23419 EUGBEE, R. E. Eight new species of the genus Eurytoma from Mexico and Guatemala (Hymenoptera, Eurytomidae). Parts V and VI. Quadrata and corpulenta groups. Ent. Soc. Amer. Ann. 38: 53-69. Mar. 1945. Ref. 420 En82
- Includes E. quadrata and E. corpulenta.
- 23420 COCKERELL, T. D. A. Descriptions and records of bees. - CXCV. Ann. and Mag. Nat. Hist. (ser. 11). 12: 208-212. Aug. 15, 1945. 410 An77
- Nine n. spp. in Halictus.
- 23421 DONISTHORPE, H. S. J. K., and MORLEY, B. D. W. A list of scientific terms used in myrmecology. Roy. Ent. Soc. London. Proc. Ser. A, Gen. Ent. 20: 43-49. June 30, 1945. 420 L84Pa
- 23422 FINNEY, G. L., MARTIN, C. H., and FLANDERS, S. E. Influence of moisture on the mass propagation of Macrocentrus ancylicivorus. J. Econ. Ent. 38: 319-323. June 1945. 421 J822
- 23423 FLANDERS, S. E. Mass production of Trichogramma using eggs of potato tuber worm [Gnorimoschema operculella]. (Scientific note.) J. Econ. Ent. 38: 394-395. June 1945. 421 J822
- 23424 FLANDERS, S. E. The role of the spermatophore in the mass propagation of Macrocentrus ancylicivorus. J. Econ. Ent. 38: 323-327. June 1945. 421 J822
- 23425 GONÇALVES, C. R. O. gergelim no combate à saúva. B. Fitosanit. 1(1): 19-27. Mar. 1944. Ref. 464.9 B732
- Sesame not toxic to Atta sexdens rubropilosa.
- 23426 LAS HORMIGAS [Atta spp.]. Agr. Mex. 61 (7): 10-18. July/Aug. 1945. 8 Ag8
- Various methods of control.
- 23427 ISEKI, T., IMAMURA, H., and MOTOMURA, S. Chemie des ameiseneies. Hoppe-Seylers Z. f. Physiol. Chem. 270: 25-27. 1941. 384 Z38
- Nutritive value of ant eggs as food of pangolins.
- 23428 \*JANSSON, A. Neue proctotrupiden aus Schweden. I. Ent. Tidskr. 63: 210-216. Oct. 20, 1942. 421 En891
- New spp. in Acanthomiota n. g.; Galesus 2; Spilomicros.
- 23429 \*JANSSON, A. Studier över svenska chalcidider. I. De olika formerna hos Cea pulicaris Walk. [Studies on Swedish chalcids. I. The different forms of Cea pulicaris]. Ent. Tidskr. 66: 44-50. Mar. 20, 1945. 421 En891
- German summary.
- 23430 JENKINS, C. F. H. The pear slug [Caliroa limacina]. West. Austral. Dept. Agr. J. (ser. 2) 22: 41-42. Mar. 1945. 23 W52J
- 23431 \*KLEFBECK, E. Några fynd av ichneumonider [Some ichneumonid records]. Ent. Tidskr. 66: 72. Mar. 20, 1945. 421 En891
- 23432 \*LENFANT, J. Les hoplocampes [Hoplocampa minuta; H. flava.] des prunes ou "vers cordonniers." Prog. Agr. et Vitic. 122: 105-107. Mar. 18/25, 1945. 14 P94
- 23433 \*MALAISE, R. Gattungstabelle der blattwespen (Hym. Tenth.) der welt. I. Arginae [i.e. Argidae]. Ent. Tidskr. 62: 131-140. Nov. 6, 1941. 421 En891
- 23434 \*MALAISE, R. New South American saw-flies (Hym. Tenth.). Ent. Tidskr. 63: 113-119. (Concl.) Oct. 20, 1942. 421 En891
- New spp. and forms in: Haplostegus 3; Anathulea n. n.; Derecyrta.
- 23435 MAVROMOUSTAKIS, G. A. New and little-known African bees of the subfamily Anthidiinae (Apoidea). - Part IV. Ann. and Mag. Nat. Hist. (ser. 11) 12: 180-186. Aug. 15, 1945. 410 An77
- Includes Anthidium sudanicum n. sp.
- 23436 MICKEL, C. E. Three new species of Mutilidae from Peru and Bolivia (Hymenoptera). Ent. Soc. Amer. Ann. 38: 38-44. Mar. 1945. 420 En82
- New spp.: Hoplocrates compar, Traumatomutilla weyrauchi, T. indicoides.



- 23437 MORLEY, B. D. W. Observations on some mesobiotic colonies of ants (Hymenoptera), with notes on some other mixtobiotic colonies. Roy. Ent. Soc. London. Proc. Ser. A, Gen. Ent. 20: 1-4. Mar. 15, 1945. 420 L24Pa
- 23438 MURRAY, W. D. Taxonomic value of male genitalia in sphecoïd Hymenoptera. Ent. Soc. Amer. Ann. 38: 121-124. Mar. 1945. 420 En82
- 23439 NIXON, G. E. J. A revision of European Dacnusiini (Hym., Braconidae, Dacnusiinae). Ent. Monthly Mag. 81: 193-204. (Cont.) Sept. 1945. 421 En86
- Includes 13 n. spp. in Dacnusa.
- 23440 \*OSSIANILSSON, F. En rättelse och ett bidrag till vår scelionidfauuna (Hym.) [A correction and a contribution to our scelionid fauna]. Ent. Tidskr. 62: 190-191. Nov. 6, 1941. 421 En891
- Inostemma contariniae.
- 23441 \*PAILLOT, A. Contribution à l'étude du développement polyembryonnaire d'Amicroplus collaris Spin., braconide parasite d'Euxoa (l. e. Agrotis) segetum Schiff. Ann. des Epiphyt. et de Phytogénét. (n. s.) 6: 67-102. 1940. Ref. 464.9 F84A
- 23442 \*PHISALIX, M. De l'opportunité de l'emploi des sérums antitoxiques dans le traitement immédiat des piqûres multiples d'abeilles et autres hyménoptères. Soc. de Path. Exot. B. 34: 139-142. Apr. 9/July 9, 1941. 448.9 Sol3
- 23443 \*POPOV, V. B. Notes on Dianthidium sibiricum (Eversm.) and a new species of Stelis Panz. [S. malaisei] (Hym. Apoidea). Ent. Tidskr. 62: 222-224. Nov. 6, 1941. 421 En891
- 23444 QUINTEROS, M. La hormiga es un gran enemigo de las plantaciones forestales. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 300. July 26, 1945. 9.9 G15B
- 23445 RAU, P. The size of the cell and the sex of the wasp in Ancistrocerus catskillensis de Sauss. Ent. Soc. Amer. Ann. 38: 88. Mar. 1945. 420 En82
- 23446 RAYMENT, T. Gravel on ant [Iridomyrmex detectus], mounds. Victorian Nat. 62: 76. Aug. 1945. 410 V66
- 23447 SMITH, H. S. Cost of producing Macrocentrus gancylivorus, by the potato-tuber-worm [Gnorimoschema operculella] method. J. Econ. Ent. 38: 316-319. June 1945. 421 J822
- 23448 TALBOT, M. A comparison of flights of four species of ants. Amer. Midland Nat. 34: 504-510. Sept. 1945. 410 M58
- Lasius niger alienus americanus, Prenolepis imparis, Myrmica schencki emeryana, Formica pallidefulva schaufussi incerta.
- 23449 WELLINGTON, W. G. Gelatin capsules used in studies of insect parasites [Dibrachys boucheanus, Apanteles carpatus]. (Scientific note.) J. Econ. Ent. 38: 396. June 1945. 421 J822
- See also Apiculture and Apis mellifera.
- ### LEPIDOPTERA
- 23450 \*ALLANDER, H. Kring en svärmning av Drymonia chaonia i Skåne 1944 [A migration of Drymonia chaonia in Skåne, in 1944]. Ent. Tidskr. 66: 51-56. Mar. 20, 1945. 421 En891
- 23451 ANDERSEN, E. E. Protect your potato crop by using these methods. Farmer [Pietermaritzburg] 34(29): 15. July 20, 1945. 24 F227
- Control of Gnorimoschema operculella.
- 23452 APPLE, J. W. DDT to control cabbage caterpillars. (Scientific note.) J. Econ. Ent. 38: 410. June 1945. 421 J822
- Trichoplusia ni, Pieris rapae, Plutella maculipennis.
- 23453 BAILEY, J. S. Kill the peach borers [San-nioidea exitiosa]. Mass. State Col. Ext. Fruit Notes, Aug. 31, 1945, p. 6, processed. 275.29 M381Fr
- 23454 \*BENANDER, P. Släktet Xystophora Hein. och dess svenska arter [The genus Xystophora and its Swedish species]. Ent. Tidskr. 66: 125-128. July 10, 1945. 421 En891
- 23455 \*BENANDER, P. Småfjärilar från Blekinge [Microlepidoptera from Blekinge]. Ent. Tidskr. 62: 34-46. Jan. 10, 1941. 421 En891
- 23456 \*BOIXO, BARON DE. Procédés de lutte contre la cochyliis [Glysia ambiguella]. Prog. Agr. et Vitic. 121: 35-41. Jan. 23/30, 1944. 14 P94
- 23457 \*BOVEY, P., and MARTIN, H. Essais comparatifs de lutte contre la teigne des fleurs du cerisier (Argyresthia pruniella L. = A. ephippella Fabr.). Rev. Romande d'Agr., de Vitic. et d'Arbor., No. 1. p. 6-8. (To be cont.) Jan. 1945. 17 J82A
- 23458 BRANNON, L. W. Biology and control of lima bean vine borer [Monophtilota pergratialis]. (Scientific note.) J. Econ. Ent. 38: 407-408. June 1945. 421 J822
- 23459 BRANNON, L. W. Insecticidal tests for control of green clover worm [Plathypena scabra] and Autographa on snap beans. (Scientific note.) J. Econ. Ent. 38: 403-404. June 1945. 421 J822
- 23460 BRUNN, L. K., and ALLEN, T. C. Effectiveness of sabadilla in control of cabbage worms [Pieris rapae, Trichoplusia ni]. (Scientific note.) J. Econ. Ent. 38: 392. June 1945. 421 J822
- 23461 \*BRYK, F. Neue schmetterlinge aus dem Reichsmuseum in Stockholm. V. Ent. Tidskr. 62: 141-157. Nov. 6, 1941. 421 En891
- Includes 15 new spp. and sspp.
- 23462 \*BRYK, F. Neue schmetterlinge aus dem Reichsmuseum in Stockholm. VI. Nachtrag zur lepidopteren-ausbeute der Sven Hedinschen Expedition (1927-1930). Ent. Tidskr. 66: 147-154. Oct. 20, 1945. 421 En891
- New spp. and forms in: Syfania; Hylophila; Raddea; Cidaria; Phragmataecia; Hepialus.
- 23463 \*BRYK, F. Ein neuer Sericinus [S. telemon anderssoni] aus China. Ent. Tidskr. 62: 32-33. Jan. 10, 1941. 421 En891
- 23464 \*BRYK, F. Setzt eine vom typus morphologisch abweichende sphragis einer Parnassius-art durch-aus das vorhandensein einer anderen art voraus? (Lepidoptera: Parnassiidae). Ent. Tidskr. 66: 113-116. July 10, 1945. 421 En891
- 23465 \*BS. Quelques insectes nuisibles à la vigne (avec une planche en couleurs). Prog. Agr. et Vitic. 120: 254-255. Dec. 19/26, 1943. 14 P94
- Refers to Sparganothis pilleriana, Glysia ambiguella, and Polychrosis botrana.
- 23466 CHANDLER, S. C. Where do we stand on the codling moth [Carpocapsa pomonella]? Mo. State Hort. Soc. Proc. 1942/44: 84-88. Dec. 1944. 81 M692
- 23467 \*CHERIAN, M. C., and SUBRAMANIAN, C. K. Studies on Diatraea venosata Walk - a pyralid pest of sugarcane in South India. Madras Agr. J. 30: 44-49. Feb. 1942. 22 M262
- 23468 CHRISTENSEN, J. R. El bicho de cesto [Oiketicus kirbyi]; un método biológico que asegura la supervivencia de los parásitos en zonas en que se destruye el bicho de cesto por recolección invernal. Campo [Buenos Aires] 29(344): 32-33. June 1945. 9 C15
- 23469 DAVIAULT, L. La lutte contre la tordeuse des bourgeons de l'épinette [Archips fumiferana], au moyen du D.D.T. Forêt Québécoise 10: 107-109. Sept. 1945. 99.8 F79
- Spraying by airplane.
- 23470 \*DELMAS, R. Le ver des pommes ou carpocapse, Cydia (l. e. Carpocapsa) pomonella L. Prog. Agr. et Vitic. 121: 98-100, 114-116. (Concl.) Mar. 19/26, Apr. 2/9, 1944. 14 P94
- 23471 \*EKSTEDT, G. Massuppträdande av Calymnia pyralina i Älvsjö [Mass appearance of Calymnia pyralina at Älvsjö]. Ent. Tidskr. 66: 116. July 10, 1945. 421 En891



- 23472 \*ERIKSSON, G. Ett blåvingefynd på Gotland [A blue-wing (*Lycaena argiades*) record from Gotland]. Ent. Tidskr. 62: 189-190. Nov. 6, 1941. 421 En891
- 23473 EYER, J. R. Solid baits for codling moth [*Carpocapsa pomonella*]. J. Econ. Ent. 38: 344-346. June 1945. 421 J822
- 23474 \*FAVARD, P. Attaques exceptionnelles d'une chenille [*Cnephasia incertana*] sur la vigne et sur les légumineuses fourragères. Prog. Agr. et Vitic. 122: 140-142. Apr. 22/29, 1945. 14 P94
- 23475 FLEMING, H. The Saturnioides (moths) of Kartabo, British Guiana, and Caripito, Venezuela. Zoologica [New York] 30: 73-80. Sept. 14, 1945. 410 Z722
- Includes new spp. and forms in: *Rhesocytis*; *Cithronia*; *Sysphinx* 2.
- 23476 FRASER, H. Safeguarding the Brassica crop; some caterpillar pests and control measures to adopt. Gard. Illus. 64: 673. Oct. 1945. 80 G169
- 23477 FRINGS, H. The reception of mechanical and thermal stimuli by caterpillars. J. Expt. Zool. 99: 115-140. Aug. 1945. Ref. 410 J825
- Samia cecropia*, *Eacles imperialis*, *Danaus plexipus*, *Pieris rapae*, *Heliothis armigera*, *Euchaetias egle*, *Sibine stimulea*.
- 23478 \*GOMES, J. A. P. Defesa dos pomares; uma praga das amendoeiras *Aglaopa* [i. e. *Aglaope*] infausta L. (lagarta de amendoeira). Portugal. Junta Nac. das Frutas. B. 4(8): 9-13. Aug. 1944. 286.3939 P83
- 23479 GRAHAM, C. Codling moth [*Carpocapsa pomonella*] control by DDT sprays at Cordova, Maryland in 1944. Md. Agr. Soc. - Md. Farm Bur. Rpt. (1944) 29: 113-117. 1945. 4 M366
- 23480 HASEMAN, L. The codling moth [*Carpocapsa pomonella*] situation and how we may improve it. Mo. State Hort. Soc. Proc. 1942/44: 88-90. Dec. 1944. 81 M692
- 23481 HOVANITZ, W. Geographical regularity in the variation and supposed mimicry of a butterfly, *Limnitis bredowii*. Amer. Nat. 79: 472-474. Sept./Oct. 1945. 470 Am36
- 23482 JARVIS, H. Beet webworm [*Hymenia recurvalis*]. Queensland Agr. J. 60: 355-357. June 1, 1945. 23 Q33
- 23483 \*KRISHNAMURTI, B., and APPANNA, M. Influence of mercury on insect eggs - Part II. Cur. Sci. [Bangalore], 14: 168-170. (Concl.) July 1945. 475 Sci23
- Experiments on *Corcyra cephalonica*.
- 23484 \*LENFANT, J., and MATTRAS, H. La lutte contre la pyrale de la vigne [*Sparganothis pillariana*] dans l'Hérault en 1943. Prog. Agr. et Vitic. 121: 130-132. Apr. 16/30, 1944. 14 P94
- 23485 \*LINDGREN, L. A. H. Härmaskproblemet. (Förelöppande meddelande) [The armyworm problem. (Preliminary communication)]. Ent. Tidskr. 63: 235-238. Oct. 20, 1942. 421 En891
- 23486 LYLE, C. Watch soybeans for caterpillars [*Anticarsia gemmatilis*]. Miss. Farm Res. [Miss. Sta.], 8(8): 1. Aug. 1945. 100 M69M1
- 23487 MCELVARE, R. R. An instance of sonification in Lepidoptera. Brooklyn Ent. Soc. B. 40: 65. June 1945. 420 B79
- Ageronia* sp.
- 23488 MARANHÃO, Z. G. Chlosyne saundersii praga do girassol. Rev. de Agr. [Piracicaba] 20: 199. May/June 1945. 9.2 R324
- 23489 \*MENZEL, R. Zum diesjährigen auftreten des traubenwicklers [*Clysis ambiguella*; *Polychrosis botrana*]. Schweiz. Z. f. Obst- u. Weinbau 54: 239-240. July 7, 1945. 80 Sch9
- 23490 MICHELbacher, A. E. Control of codling moth [*Carpocapsa pomonella*] on walnuts: progress report. J. Econ. Ent. 38: 347-355. June 1945. 421 J822
- 23491 MOSS, A. M. The Castnia of Pará, with notes on others (Lep. Castniidae). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 48-52. Apr. 27, 1945. 420 L84Pb
- 23492 \*NORDSTRÖM, F. Amathes ashworthii Dbld. och dess former i Europa [*Amathes ashworthii* and its European forms]. Ent. Tidskr. 66: 79-94. Mar. 20, July 10, 1945. Ref. 421 En891
- 23493 \*NORDSTRÖM, F. Om tydandet av några av Linnes och Clercks fjärilarter [On the identification of some butterfly species of Linné and Clerck]. Ent. Tidskr. 62: 127-130. Jan. 10, Nov. 6, 1941. 421 En891
- German summary.  
Refers to *Cosymbia pendularia*.
- 23494 \*PAILOT, A. La lutte contre la Cochyliis [*Clysis ambiguella*] et l'Eudemis [*Polychrosis botrana*] de la vigne. Ann. des Epiphyt. (n. s.) 8: 121-176. 1942. Ref. 464.9 F84A
- 23495 POOS, F. W., and HETRICK, L. A. Tetralopha scortealis (Led.) a new insect pest of lespedeza. J. Econ. Ent. 38: 312-315. June 1945. 421 J822
- 23496 PORTER, B. A. New insecticides for codling moth [*Carpocapsa pomonella*] control. Md. Agr. Soc. - Md. Farm Bur. Rpt. (1944) 29: 108-113. 1945. 4 M366
- 23497 POTTS, R. W. L. Two new variants in California *Colias eurytheme* (Lepidoptera, Pieridae). South. Calif. Acad. Sci. B. 44: 49-50. May/Aug. 1945. 500 So8
- Names not assigned.
- 23498 QUERCI, O., and ROMBI, L. Effects of the reflected solar radiation on insects. Fla. Ent. 28: 20-21. (To be cont.) Aug. 1945. 420 F662
- Refers mainly to experiments with Pieridae.
- 23499 \*RAHMAN, K. A., and YUNUS, M. The citrus leaf miner [*Phyllocnistis citrella*?]. Indian Farming 6: 221. May 1945. 22 In283
- 23500 \*RAHMAN, K. A., and SINGH, D. Estimation of sugarcane top-borer (*Scirpophaga nivella* F.) infestation. Indian J. Agr. Sci. 14: 233-239. June 1944. 22 Ag831
- 23501 \*RAO, D. S. Ecological notes on the sugarcane stem borer (*Argyria sticticrasis*, Hamp.) in the Irwin Canal area, Mysore. Madras Agr. J. 29: 473-480. Dec. 1941. 22 M262
- 23502 \*SARMA, P. S. Egg-white injury (induced biotin deficiency) in rice-moth larvae (*Corcyra cephalonica* St.). Indian J. Med. Res. 32: 149-153. Oct. 1944. Ref. 448.8 In22
- 23503 \*SARMA, P. S. The estimation of pyridoxine (vitamin B<sub>6</sub>) in foods using rice-moth larvae (*Corcyra cephalonica* St.). Indian J. Med. Res. 32: 117-122. Oct. 1944. Ref. 448.8 In22
- 23504 \*SCHAD, C., and GUIGNARD, P. La pyrale des haricots (*Etiella zinckenella* Treitschke) parasite du soja dans le sud-ouest de la France. Ann. des Epiphyt. (n. s.) 9: 169-175. 1943. Ref. 464.9 F84A
- 23505 SEVASTOPULO, D. G. The effect of overcrowding larvae. Entomologist 78: 117-119. Aug. 1945. 421 En8
- Experiments on larvae of *Danaus chrysippus*, *Nephele didyma*, and *Cephonodes hylas*.
- 23506 \*SOUZA, V. DE, and SREENIVASAYA, M. Relative growth promoting potency of some sterols on *Corcyra cephalonica* Staint. Cur. Sci. [Bangalore] 14: 178-180. July 1945. 475 Sci23
- 23507 STEINER, L. F. Where do we stand on codling moth [*Carpocapsa pomonella*] control? Mo. State Hort. Soc. Proc. 1942/44: 77-84. Dec. 1944. 81 M692
- 23508 \*STEMPFFER, H. Contribution à l'étude du genre *Pentila* Westw. (Lep. Lycaenidae). Soc. Ent. de France. B. 49: 117-119. Nov. 1944. 420 F84B



- 23509 STUBBINGS, W. A. K., and HATTINGH, C. C. Control of codling moth [*Carpocapsa pomonella*] in apricots by spraying. Farming in So. Africa 20: 369-372, 384. June 1945. 24 So842
- 23510 \*WAHLGREN, E. Fjärilar och blommor [Lepidoptera and flowers]. II. Heterocera. Ent. Tidskr. 62: 49-87. Jan. 10, 1941. Ref. 421 En891
- 23511 WATSON, J. R. The damage of *Melipotis acrotoides* to the royal poinciana. Fla. Ent. 28: 18-19. (Concl.) Aug. 1945. 420 F662
- 23512 WILLIAMS, C. B. Notes on the fat content of two British migrant moths (Lepidoptera). Roy. Ent. Soc. London. Proc. Ser. A, Gen. Ent. 20: 6-13. Mar. 15, 1945. 420 L84Pa
- Plusia gamma*, *Phlogophora meticulosa*.
- 23513 WILLIAMS, C. B. Occurrence of *Vanessa cardui* (Lepidoptera) at sea off the west African coast. Roy. Ent. Soc. London. Proc. Ser. A, Gen. Ent. 20: 4-5. Mar. 15, 1945. 420 L84Pa
- 23514 WILTSHIRE, E. P. Studies in the geography of Lepidoptera - II. Swallow-tails [*Pavilio* spp.] in desertic S. W. Asia. Roy. Ent. Soc. London. Proc. Ser. A, Gen. Ent. 20: 16-25. Mar. 15, 1945. Ref. 420 L84Pa
- 23515 WILTSHIRE, E. P. Studies in the geography of Lepidoptera. III: The zoogeographical classification of West Palearctic species. Entomologist 78: 113-116. (To be cont.) Aug. 1945. 421 En8
- 23516 YEAGER, J. F., and HEISHMAN, R. C. Some effects of antisera on larvae of the southern armyworm, *Prodenia eridania* (Cram.). Ent. Soc. Amer. Ann. 38: 45-52. Mar. 1945. Ref. 420 En82
- 23517 YERXA, C. W. Control of celery leaf tier [*Phlyctaenia rubigalis*]. Pacific Rural Press, South Ed. 150: 132. Sept. 1, 1945. 6 F112A
- See also Sericulture and the Silkworm.
- ORTHOPTERA
- 23518 BARE, O. S. Boric acid as a stomach poison for the German cockroach [*Blattella germanica*]. (Scientific note.) J. Econ. Ent. 38: 407. June 1945. 421 J822
- 23519 \*BERNÉS, J. Sauterelles et criquets. Prog. Agr. et Vitic. 122: 79-84, 108-111. Mar. 4/11, 18/25, 1945. 14 P94
- 23520 BREDO, H. J. The international locust control. East African Agr. J. 11(1): 12-16. July 1945. 24 Ea74
- 23521 BURKE, F. Steam flies [*Blattella germanica*] in canteens; their habits and suggestions for control. Food [London] 14: 243-244. Sept. 1945. 389.8 F738
- 23522 CALLAN, E. M. Observations on mole crickets and their control in Trinidad, B. W. I. Trop. Agr. [Trinidad] 22: 146-149. Aug. 1945. 26 T754
- Refers mainly to *Scapteriscus vicinus*.
- 23523 COLLETT, R. W. The destruction of locusts by beating. East African Agr. J. 11(1): 35-36. July 1945. 24 Ea74
- 23524 DAY, E. The prayer of the mantis [*Stagmomantis carolina*]. Hoosier Outdoors 25(9): 1, 3. Oct. 1945. 409.6 H76
- 23525 KAIMER, J. El dominio de la plaga de langosta; victoriosa campaña química de la Gran Bretaña. Campo [Buenos Aires] 29(345): 30-31. July 1945. 9 C15
- Use of 1,2,3,4,5,6 hexachlorocyclohexane as control
- 23526 PFEIFFER, I. W. Effect of the corpora allata on the metabolism of adult female grasshoppers [*Melanoplus differentialis*]. J. Expt. Zool. 99: 183-233. Aug. 1945. Ref. 410 J825
- 23527 REHN, J. A. G. Man's uninvited fellow traveler - the cockroach. Sci. Monthly 61: 265-276. Oct. 1945. 470 Sci23
- History and distribution of domestic cockroaches.
- 23528 SUMMERTIME minstrels. Fauna [Philadelphia] 7: 92. Sept. 1945. 410 F27
- Sonification in locusts, katydids, etc. Illustrations with accompanying text.
- 23529 SZE, L. C. On the chromosome number of some grasshoppers in Meitan. Acta Brevia Sinensia, No. 8, p. 13, processed. Dec. 1944. 472 Ac8
- 23530 SZE, L. C. On the double chiasmata configurations in "*Phlaeoba infumata*." Acta Brevia Sinensia, No. 8, p. 14, processed. Dec. 1944. 472 Ac8
- 23531 SZE, L. C. The structure of the X-chromosome in "*Phlaeoba infumata*." Acta Brevia Sinensia, No. 8, p. 13, processed. Dec. 1944. 472 Ac8
- 23532 WHITE, R. M., and ROCK, P. J. G. A contribution to the knowledge of the Acrididae of Alberta. Sci. Agr. 25: 577-596. June 1945. Ref. 7 Sci2
- 23533 WINKELRIED BERTONI, A. DE. Poderosos auxiliares contra la langosta [*Pachytillus migratorius*]. Paraguay. Min. de Agr. Rev., No. 9, p. 6-7. May 1945. 9.7 Ag8Re
- Birds as predators.
- 23534 YEAGER, J. F., and MUNSON, S. C. Physiological evidence of a site of action of DDT in an insect [*Periplaneta americana*]. Science 102: 305-307. Sept. 21, 1945. 470 Sci2
- SERICULTURE AND THE SILKWORM
- 23535 \*BOUHNOL, J. J. Nymphes acéphales pré-maturées chez le ver à soie (*Bombyx mori* L.). Soc. de Biol. [Paris] Compt. Rend. 138: 418-420. June 1944. 442.9 P21
- 23536 FLETCHER, F. C. Sericulture, its successes and failures. Ward's Nat. Sci. B: 19(1): 11-13. (Concl.) Sept. 1945. 410 W21
- 23537 \*PAILLOT, A. Un nouveau bacille sporulé pathogène pour le Bombyx du mûrier [*B. mori*]: "*Bacillus bombycoides* nov. sp." Acad. d'Agr. de France. Compt. Rend. 28: 158-161. Jan. 21/28, 1942. 14 P215Bc
- 23538 \*PAILLOT, A. Les travaux de Pasteur sur la flacherie et les théories modernes sur la pathologie du tube intestinal du bombyx du murier [*Bombyx mori*]. Ann. des Epiphyt. (n. s.) 7: 97-117. 1941. 464.9 F84A
- 23539 TEXAS raises first big U. S. crop of silk. Life 19(15): 123-124, 126, 129. Oct. 8, 1945. 280.8 L62
- 23540 TIRELLI, M. Ricerche di embriologia sperimentale sul Bombyx mori L. - Effetti della centrifugazione delle uova sullo sviluppo embrionale. Wilhelm Roux' Arch. f. Entwickl. Mech. der Organ. 142: 200-224. 1943. Ref. 442.8 Z33D
- German summary.
- SMALLER ORDERS
- 23541 \*BLANC, G., and BALTAZARD, M. Contribution à l'étude du comportement de certains bacilles pathogènes chez la puce du rat, *Xenopsylla cheopis*. Les bacilles paratyphiques B [*Salmonella schottmuelieri*]. Soc. de Biol. [Paris] Compt. Rend. 138: 809-810. Oct. 1944. 442.9 P21
- 23542 \*BLANC, G., and BALTAZARD, M. Contribution à l'étude du comportement de microbes pathogènes chez la puce du rat *Xenopsylla cheopis*. Le bacille de la pseudo-tuberculose des rongeurs [*Pasteurella pseudotuberculosis*]. Soc. de Biol. [Paris] Compt. Rend. 138: 811-812. Oct. 1944. 442.9 P21
- 23543 BORROR, D. J. A key to the New World genera of Libellulidae (Odonata). Ent. Soc. Amer. Ann. 38: 168-194. June 1945. Ref. 420 En82



- 23544 BROWN, E. S. The nymphal stage of *Capnia* atra Morton (Plecopt., Capniidae), with a description of certain distinguishing features. Roy. Ent. Soc. London. Proc. Ser. A, Gen. Ent. 20: 50-53. June 30, 1945. 420 L84Pa
- 23545 FRASER, F. C. A note on the importance of *Eolestes synthetica* Cockerell in the phylogeny of the Odonata. Roy. Ent. Soc. London. Proc. Ser. A, Gen. Ent. 20: 54-56. June 30, 1945. 420 L84Pa
- 23546 \*GHIDINI, G. M., and MORIGGI, M. Precisioni sul ciclo biologico di *Gregarina ausoniae* Ghid. e Mor. 1941, ospite *Reticulitermes lucifugus* Rossi. Riv. di Parassitol. 7: 57-58. Mar. 1943. 436.8 B52
- 23547 HICKIN, N. E., and ROBINS, E. L. D. Psocids [*Trogium pulsatorium*] infesting puppies. Ent. Monthly Mag. 81: 214. Sept. 1945. 421 En86
- 23548 HINCKS, W. D. Dermaptera from Hainan Island. Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 57-62. June 30, 1945. 420 L84Pb
- Includes *Diplatys hainanensis* n. sp., *Timomenus pieli* n. sp.
- 23549 KELLER, W. M. Earwig [*Forficula auricularia*] spreads at alarming rate; bait is found to be best defense. Utah Farmer 65(3): 10. Sept. 10, 1945. 6 D45
- 23550 KELSEY, J. M. The influence of termite reproductive castes on the colony and on control measures. New Zeal. J. Sci. and Technol. Sect. A, Gen. 26: 353-359. May 1945. 514 N48B
- 23551 KIMMINS, D. E. A new species of Odonata [*Telagrin prothoracicum*] from Ecuador. Ann. and Mag. Nat. Hist. (ser. 11) 12: 187-189. Aug. 15, 1945 410 An77
- 23552 LIGHT, S. F., and ILLG, P. L. Rate and extent of development of neotenic reproductives in groups of nymphs of the termite genus *Zootermopsis*. Calif. U. P. Zool., v. 53, No. 1, p. 1-39. 1945. Ref. 500 C125Z
- Experiments with *Z. nevadensis*.
- 23553 LYMAN, F. E. Reactions of certain nymphs of *Stenonema* (Ephemeroptera) to light as related to habitat preference. Ent. Soc. Amer. Ann. 38: 234-236. June 1945. 420 En82
- 23554 \*MELIS, A. Tisanotteri italiani. VII, VIII. Redia 27: 25-43; 28: 153-207. 1941, 1942. 421 R241
- Contents: VII. Genus *Holarthrotrips* [*H. tenuicornis*]; VIII. Genus *Limothrips*.
- 23555 \*MELLO, I. F. DE, and MELLO, A. F. B. DE. The first Indian species of *Proboscidiella* from an Indian Cryptotermes. Inst. de Med. Trop. An. 1: 205-227. Dec. 1944. 448.9 L68
- Includes *Proboscidiella hoffmanni* n. sp.
- 23556 MOSELY, M. E. The designation of certain genotypes in the Trichoptera. Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 14: 46-47. Apr. 27, 1945. 420 L84Pb
- Comments on "The caddis flies, or Trichoptera, of Illinois," by H. H. Ross.
- 23557 MUNRO, G. DDT vs. fleas. Coop. Poultryman 10(9): 12. Sept. 1945. 47.8 C782
- 23558 \*TJEDER, B. The *Capnia*-species of Abisko (Plecoptera). Ent. Tidskr. 62: 166-167. Nov. 6, 1941. 421 En891
- 23559 \*TJEDER, B. A note on the type of *Chrysopa atlantica* McLachl. (Neuroptera). Ent. Tidskr. 62: 168. Nov. 6, 1941. 421 En891
- 23560 \*TJEDER, B. Some remarks on "The generic names of the British Neuroptera," [by F. J. Killington]. Ent. Tidskr. 62: 24-31. Jan. 10, 1941. 421 En891
- 23561 WILLINER, G. J. Dos nuevos corrodéntidos de Córdoba. La Plata. U. Nac. Mus. Notas. Zool. 9: 445-452. Dec. 20, 1944. 410 L31
- Includes n. spp.: *Amphigerontia birabeni*; *Psocus cabanae*.

- 23562 WRAY, D. L. A new *Tetracanthella* [T. ethelae], from North Carolina, with a key to the known species (Collembola: Isotomidae). Ent. Soc. Amer. Ann. 38: 33-37. Mar. 1945. Ref. 420 En82
- 23563 WRIGHT, M. Dragonflies predaceous on the stablefly *Stomoxys calcitrans* (L.). Fla. Ent. 28: 11-13. Aug. 1945. 420 F662

#### Anoplura and Mallophaga

- 23564 BUSVINE, J. R. Some pioneer work on protection against body lice [*Pediculus humanus corporis*] by the use of lasting insecticides. B. Ent. Res. 36: 23-32. July 1945. Ref. 421 B87
- 23565 CURTIS, D. E. Nurse, there's typhus in camp. Amer. J. Nursing 45: 714-715. Sept. 1945. 448.8 Am323
- Use of DDT as method of louse control.
- 23566 DAKAN, E. L. Chicken lice a nuisance; they almost tickle hens to death! Ohio Farmer 196 (6): 28. Sept. 15, 1945. 6 Oh3
- 23567 GEE, A. C. Protecting soldiers from typhus fever [transmitted by *Pediculus humanus corporis*]. New Health 20(9): 6. Sept. 1945. 449.8 N45
- 23568 GORDON, M. D. Treating goats for lice or scurf. Field 186: 168. Aug. 18, 1945. 10 F45
- 23569 \*STARKOFF, O. Un esemplare anomalo di *Phthirus pubis*. Riv. di Parassitol. 6: 113. June 1942. 436.8 B52
- 23570 WARREN, D. C. The value of DDT for the control of the common chicken louse [*Menacanthus stramineus*]. Poultry Sci. 24: 473-476. Sept. 1945. 47.8 Am33P
- Also deals with *Menopon gallinae*.

#### AGRICULTURAL ENGINEERING

##### GENERAL

- 23571 BALESTRA, J., JR. El teléfono en el campo. Buenos Aires y La Pampa, No. 80, p.45. June 1945. 9 B868
- 23572 BELL, W. E. Safety during electric storms. Farm and Dairy [Salem] 31(51, 1. e. 52): 8. Sept. 7, 1945. 6 F2279
- 23573 BIFFIN, W. Stack-building is work for the skilled - and nimble. Smallholder 73(1849): 16.
- 23574 BUGBEE, F. Fire prevention: hand maiden of farm safety. Farm Safety Rev. 3(5): 3, 14-15. Sept./Oct. 1945. 449.8 F22
- 23575 CROW, R. Factors in the choice of fence posts. Agr. Engin. 26: 362-364, 366. Sept. 1945. 58.8 Ag83
- 23576 ESTES, G. C. Farming and building. Pa. Farmer 133(5): 22. Sept. 8, 1945. 6 P383
- 23577 FITZSIMMONS, J. R. Planning the farmstead Iowa Farm Econ. 11(9): 12-13. Sept. 1945. 275.28 I632
- 23578 HAMILTON, C. L. Power shaft shields save farmers from death gamble. Northwest Farm Equip. J. 59(9): 10. Sept. 1945. 58.8 F222
- 23579 \*HARALDSON, A. Enmansmetoden - en rationell hässjningsmetod. Lantmannen 29: 553-555. June 16, 1945. 11 L234
- Method of stacking hay on frames.
- 23580 JUDD, S. G. Farm safety vital topic at all times. East. Milk Prod. 21(16): 10. Aug. 15, 1945. 280.28 Sh3
- 23581 \*KANNENBERG, H. Aufreutern ohne fehler! Landesbauernschaft Moselland. Wchnbl., No. 23, p. 333. June 5, 1943. 18 L2328
- 23582 MASON, K. M. Chimney-sweeping. Farmer & Stock-Breeder 59: 1330. Aug. 21, 1945. 10 F228



- 23583 MEYER, L. C. Fire, servant or master? Mich. Farmer 205(7): 5. Oct. 6, 1945. 6 M58
- 23584 MORRISON, K. Care of saddlery and harness. Past. Rev. 55: 514-515. July 16, 1945. 23 Au75
- 23585 NEAL, J. H. Electric fences beneficial. This Month in Rural Ala., Oct. 1945, p. 8. 6 T34
- 23586 STACY, W. H. Farmers can't play with fire. Successful Farming 43(10): 60-61, 68. Oct. 1945. 6 Sul2
- 23587 SYME, P. S. Erecting a one-man timeworks. New Zeal. Dept. Agr. J. 71(1): 5-9. July 16, 1945. 23 N48J
- 23588 TANQUARY, E. W. Safeguarding power-driven farm machinery. Farm Impl. News 66(20): 36-37. Sept. 27, 1945. 58.8 F22
- Accident prevention.
- 23589 \*VELAT, F. L'hygiène du harnachement. Rev. des Agr. de France 73: 257-258. Sept. 1941. 14 R325
- 23590 WEEDON, V. Safety for the farm child. Farm Safety Rev. 3(5): 8-9, 15. Sept./Oct. 1945. 44.8 F22

## FARM MACHINERY

## General

- 23591 ADAMS, J. E. Mechanization offers hope for cotton growers. Farmer-Stockman 58(10): 18, 39. Oct. 1945. 6 Ok45
- 23592 ALLENDES, O. Reparación de maquinaria agrícola. Unión Agr. del Sur 3(17): 39. May 1945. 9.3 Un3
- 23593 ARCHER, B. F. Arc welding in the production of farm machines. Farm Impl. News 66(20): 38. Sept. 27, 1945. 58.8 F22
- 23594 \*BARATTE, J. La normalisation du matériel agricole. Génie Rural et Elect. Rurale 38(6): 8-9. June 1945. 58.8 Au8
- Equipment.
- 23595 \*BODMER, E. Le marqueur "Hirt," un outil pratique. Rev. Hort. Suisse 18: 58-59. Mar. 1945. 80 R3212
- 23596 \*BR. Mechanisierung und zweckmässige gestaltung der landarbeit. Landesbauernschaft Moselland. Wchnbl., No. 48, p. 859-860. Nov. 28, 1942. 18 L2328
- 23597 CLARK, F. Keeping the wheels turning: - how oxy-acetylene welding helps. Power Farmer 5: 88-89. May 1945. 58.8 P872
- 23598 \*COUPAN, G. La réparation des machines agricoles. Acad. d'Agr. de France, Compt. Rend. 29: 149-152. Mar. 3/10, 1943. 14 P215Bc
- 23599 DANIEL, G. E. From cotton to cattle. Rural Electrification News 11(1): 14-15. Sept. 1945. 173.2 R88Ru
- Equipment.
- 23600 \*DITTES, H. Steine vom feld entfernen! Landesbauernschaft Moselland. Wchnbl., No. 13, p. 148. Mar. 25, 1944. 18 L2328
- 23601 ELIMINATING farmer fatigue by hydraulic implement controls. Impl. & Tractor 60(19): 44, 56. Sept. 22, 1945. 58.8 W41
- 23602 EMERSON, A. W. Soil conservation as a farm machinery enterprise. Impl. & Tractor 60(18): 38-40, 93. Sept. 8, 1945. 58.8 W41
- 23603 FENTON, F. C., and BARGER, E. L. The cost of using farm machinery. Kans. Engin. Expt. Sta. B. 45, 56 p. Manhattan, 1945. 290.9 K132
- 23604 GERDES, F. L. Mechanization of cotton production in the Mississippi Delta: its relation to cotton quality and marketing practices. (Abs.) Textile Res. J. 15: 320-321. Sept. 1945. 304.8 T293
- 23605 GRAHAM, H. A. Arc welding. Successful Farming 43(10): 25, 30-31. Oct. 1945. 6 Sul2
- 23606 \*GRENE, G. Aide pratique: le rouleau d'arrosage "Hirt." Rev. Hort. Suisse 18: 83-84. Apr. 1945. 80 R3212
- 23607 HOWLAND, J. A. How about a workshop? Farmer [St. Paul], Gen. Ed. 63(18): 12. Sept. 15, 1945. 6 F2211
- 23608 THE IMPENDING struggle in meeting co-op competition. Impl. & Tractor 60(19): 30-31, 68. Sept. 22, 1945. 58.8 W41
- The first of six articles on cooperatives in the farm equipment industry. Includes analysis of cooperative tax privileges.
- 23609 \*JOLY, R. L. Les conditions premières de la généralisation de la motoculture. Prog. Agr. et Vitic. 62: 186-190. May 20/27, 1945. 14 F94
- 23610 KENNEDY, A. C. The teacher's farm shop. Evaluate instruction in farm mechanics to encourage good workmanship. Better Farming Methods 17(7): 48-49. Sept./Oct. 1945. 58.8 B46
- 23611 LONG, H. K. Eradicating weed trees. East African Agr. J. 11(1): 40-42. July 1945. 24 Ea74
- Equipment.
- 23612 MASSEY, G. F. "We can't guarantee the other fellow's work." Farm Impl. News 66(20): 35, 48, 50. Sept. 27, 1945. 58.8 F22
- Maintenance of farm equipment.
- 23613 MILBURN, V. S. Farm sale new style. Rural Coop. 10(1): 4. Sept. 11, 1945. 280.28 R88
- Merchandising of equipment.
- 23614 MOFFATT, N. G. Kaikohe co-op farm machinery unit. New Zeal. Dairy Exporter 20(12): 7-8. Aug. 1945. 44.8 N484
- 23615 S., R. P. Screen out weed seeds. Mont. Farmer 33(1): 7. Sept. 1, 1945. 6 M764
- 23616 \*SCHN. Neue bestimmungen über den landmaschinenabsatz. Landesbauernschaft Moselland. Wchnbl., No. 45, p. 572. Nov. 6, 1943. 18 L2328
- 23617 \*SCHÖNAUER-EISGRUB, A. Zwei bodenständige hackgeräte aus der Ostmark. Blumen u. Pflanzenbau ver. mit Gartenwelt 48: 149-150. June 23, 1944. 80 G196
- 23618 STREET, A. G. "Big business" farming. Farmers Weekly [London] 23(10): 26. Sept. 7, 1945. 10 F2226
- Equipment.
- 23619 \*TAUDIERE, E. La construction des machines agricoles en France. Rev. des Agr. de France 74: 104. Apr. 1942. 14 R325
- 23620 THE TIME is at hand for selling electric equipment. Impl. & Tractor 60(19): 34-35. 72. Sept. 22, 1945. 58.8 W41
- 23621 TODD, H. H. Farm machinery and supplies. Merrimack's Monthly Messenger 7(9): 17. Sept. 1945. 6 M55
- 23622 W., E. J. Power farming. Mont. Farmer 33(2): 5. Sept. 15, 1945. 6 M764
- 23623 WALTON, L. S. Protect your tools. Ohio Farm Bur. News 25(3): 27. Oct. 1945. 6 Oh34
- 23624 WATSON, J. A. S. Power farming in America. Power Farmer 5: 69. Apr. 1945. 58.8 P872
- 23625 WETZEL, G. F. Hard facing tools that are subject to abrasive wear. Impl. & Tractor 60(18): 59-60. Sept. 8, 1945. 58.8 W41
- 23626 WHISTLER, N. K. Re-equipment of agriculture. The treatment of depreciation of farm implements and machinery for taxation purposes have been under government consideration and changes affecting power farmers are reviewed in this article. Power Farmer 5: 86-87. May 1945. 58.8 P872

## Tillage Machinery

- 23627 \*BUHR, F. Die neue einmann-motor-hacke als helfer im weinberg. Landesbauernschaft Moselland. Wchnbl., No. 45, p. 575. Nov. 6, 1943. 18 L2328



- 23628 \*GUNDLHUBER, W. Der kuttersche hackpflug zum holdertraktor. Blumen u. Pflanzenbau ver. mit Gartenwelt 48: 753-754. June 23, 1944. 80 G196
- 23629 \*H. Auch ein hilfsgesetz für das stachel-beerpflücken. Blumen u. Pflanzenbau ver. mit Gartenwelt 48: 754. June 23, 1944. 80 G196
- 23630 \*KRISHNA IYER, P. V., and RAO, P. S. A preliminary investigation into the influence of the fundamental dimensions of a plough on draw-bar-pull, depth and resistance per unit area. Indian J. Agr. Sci. 14: 240-244. June 1944. 22 Ag831
- 23631 \*REDDY, M. S. The puddler. Madras Agr. J. 30: 194-195. June 1942. 22 M262
- 23632 \*VORMFELDE, K. Eife höhepflüge in der steinigten eifel und ähnlichen höhengebieten. Landesbauernschaft Moselland. Wchnbl., No. 6, p. 66. Feb. 5, 1944. 18 L2328

#### Planting Machines and Fertilizer Distributors

- 23633 ANTONEN, R. Made a 6-row corn planter. Japper's Farmer 56(10): 54. Oct. 1945. 6 M693
- 23634 EMERSON, A. W. Soil conservation tree planters ready for commercial production. Farm Impl. News 66(19): 46-48. Sept. 13, 1945. 58.8 F22
- 23635 FOSTER, W. S. New type fertilizer distributor. Farm and Ranch 64(10): 8. Oct. 1945. 6 T31
- 23636 HIGGINS, F. H. New vacuum planter promising in tests. Sugar J. 8(3): 5-6. Aug. 1945. 65.8 Su391
- Sugar beet planters.
- 23637 M., D. N. Potato planting by machine. Power Farmer 5: 95. May 1945. 58.8 P872

#### Harvesting, Threshing, Drying, and Processing Equipment

- 23638 \*ANDERSSON, Y. Bärning av överskottsgräs från betesvallar [Harvesting of surplus grass from pastures]. Lantmannen 29: 501-502. June 2, 1945. 11 L234
- Equipment.
- 23639 APPS, H. J. Cleansing of milking machines. So. Austral. Dept. Agr. J. 48: 466. June 1945. 23 So84
- 23640 AYRES, R. W. Some developments in low temperature cabinets. Refrig. Engin. 50: 209-211. Sept. 1945. 295.9 Am32J
- Home freezers.
- 23641 \*BALLU, T. L'arrachage mécanique des betteraves avec decolletage préalable. Acad. d'Agr. de France. Compt. Rend. 28: 572-576. Oct. 28/Nov. 4, 1942. 14 P215Bc
- 23642 BELL, R. C. Homemade elevator saves hard work. Country Gent. 115(10): 32. Oct. 1945. 6 C833
- 23643 BENNETT, C. A. Ginning mechanically harvested cotton. Agr. Engin. 26: 367-368, 371. Sept. 1945. 58.8 Ag83
- 23644 BUTLER, R. I. Methods of rice milling in Tanganyika, together with some comments. East African Agr. J. 11(1): 17-19. July 1945. 24 Ea74
- 23645 CALDWELL, S. A. G. Carding and preparing. Increasing competition stresses the need for more efficient methods to extend range and variety, and reduce manufacturing costs. Textile Mfr. 71: 339-340, 344. Aug. 1945. 304.8 T3126
- Jute.
- 23646 CLIFFORD, L. W. Real job of selling freezer to the farmer is teaching the housewife what it can do; Westinghouse sales supervisor stresses need for thorough freezer educational program. Air Conditioning & Refrig. News 45(17): 10-11. Aug. 27, 1945. Beltsville Branch Libr.
- 23647 COMBS, J. F. Jefferson County to combine rice crop. Prog. Farmer, Tex. Ed. 60(10): 68. Oct. 1945. 6 T311
- 23648 \*DAWSON, J. H. Cotton spinning. II. Hopper bale breaker and hopper feeder. Indian Textile J. 55: 713-716. July 1945. 304.8 In2
- 23649 DICKERSON, I. W. - A simple elevator improvement. Nebr. Farmer 87(18): 20. Sept. 15, 1945. 6 N27
- 23650 \*DOMBROWSKI, E. Zur getreideernte! Landesbauernschaft Moselland. Wchnbl., No. 29, p. 307. July 15, 1944. 18 L2328
- 23651 FRASIER, F. W. Home-built egg cleaners. Washcoegg 23(4): 12, 17-18. Sept. 1945. 47.8 W27
- 23652 G., M. C. Cucumber harvest. Pa. Farmer 133(5): 16. Sept. 8, 1945. 6 P383
- Equipment.
- 23653 THE GRAIN Marshall combine harvester. Power Farmer 5: 172-173, 180. Sept. 1945. 58.8 P872
- 23654 GREAT BRITAIN. MINISTRY OF AGRICULTURE AND FISHERIES. Threshing of grass, root and vegetable seed crops. Ct. Brit. Min. Agr. and Fisheries B. 130, 20 p. London, 1945. 10 G794B
- 23655 HABIF, N. Egyptian sugar industry aided. Processes used in Egyptian sugar factories. Special equipment helps solve bagasse handling problem. Sugar 40(9): 28-29. Sept. 1945. 65.8 F11
- 23656 HIGGINS, L. A. For better hay, try forced air barn curing. Prog. Farmer, Miss.-Ark.-La. Ed. 60(10): 68. Oct. 1945. 6 So81
- 23657 HOW TO thresh Italian ryegrass. North. Ireland. Min. Agr. Monthly Rpt. 20: 105-106. Aug. 1945. 256.13 Ag82M
- 23658 JURKOW, J. Automatic gate for squirrel cage feeders. Assoc. Oper. Millers. B., Sept. 1945, p. 1460. 298.9 As7
- Flour feeders in flour mill.
- 23659 KOCK, A. A. DE. Care of milking machines. So. African Dairymen 7: 159. Aug. 1945. 44.8 So822
- 23660 KOCK, A. A. DE. "A milestone in history of the dairy industry." Farmer and Home Companion 34(29): 16. July 20, 1945. 24 F227
- Development of dairy equipment.
- 23661 KREISER, R. F. New potato harvester proves worth. Calif. Fruit and Veg. Rev. 6(6): 53. Sept. 1945. 80 C1224
- 23662 LEADLEY, T. Crusher speeds curing: new machine may revolutionize hay making. Nebr. Farmer 87(18): 4. Sept. 15, 1945. 6 N27
- 23663 LEES, A. B. A combine for heavy corn crops. Farmer & Stock-Breeder 59: 1312. Aug. 21, 1945. 10 F228
- 23664 LEES, A. B. Faster hay baling. Up to six tons per hour by one-man pick-up machine. Farmer & Stock-Breeder 59: 1437. Sept. 11, 1945. 10 F228
- 23665 MEYER, M. Joint action of local dealer groups urged by dealer who fears problem of trade-ins. Air-Conditioning & Refrig. News 45(17): 6-7. Aug. 27, 1945. Beltsville Branch Libr.
- Refrigeration industry.
- 23666 MOORE, C. M. Sanitation in egg breaking and drying plants. Part 3. Amer. Egg and Poultry Rev. 6: 438, 440, 442. Aug. 1945. 47.8 Am38
- Cleaning and sterilizing equipment.
- 23667 NIXON, E. L. The art of potato digging. Guide Post 22(9): 16-18. Sept. 1945. 75.8 G94
- 23668 PATCH, A. J. Homemade elevator. Successful Farming 43(10): 31. Oct. 1945. 6 Su12
- 23669 PIKE, K. W. Short cuts for dairymen. Farm Mach. and Equip. No. 1941, p. 10-11. Sept. 1945. 58.8 F225
- Equipment.
- 23670 R., A. Using the hand separator to advantage [in milking]. Farmers' Gaz. [Dublin] 103: 491. Aug. 25, 1945. 10 F221



23671 A REVOLUTIONARY harvester. The advantages of the combine at the price of a binder. Farm Impl. & Mach. Rev. 71: 386-387. Sept. 1, 1945. 58.2 Im72

23672 RICHARDSON, G. A. Cleaning equipment. Calif. Dairyman 24(17): 15. Sept. 30, 1944. 44.8 C12

Dairy equipment.

23673 ROY, K. B. Some shakes. Esso Farm News 4(5): 13. Sept. 1945. 6 Es72

Pea harvester.

23674 SHAWL, R. I. Homemade power cutters for weeds and grass. Amer. Fruit Grower 65(9): 18-19. Sept. 1945. 80 G85

23675 \*SINGH, L., and MAYA DAS, P. Equipment for a fruit preservation factory. Punjab Fruit J. 6: 1068-1073. Jan. 1942. 80 P962

23676 SLADE, F. H. Clean milk is not enough. Dairy plant and distribution must also be hygienic. Dairyman 62: 239, 241, 243. Sept. 1945. 44.8 D1426

23677 SPOONER, H. L. Homemade feed mixer. Successful Farming 43(10): 47. Oct. 1945. 6 Sul2

23678 TOWNSEND, T. H. Five-minute alfalfa on this farm. Dairymen's League News 29(19): 3, 20. Sept. 11, 1945. 44.8 D1432

Value of harvesting and curing equipment.

23679 U. S. WESTERN REGIONAL RESEARCH LABORATORY. Tray materials in relation to sulfited dehydrated vegetables. Canner 101(16): 34, 36, 38. Sept. 15, 1945. 286.83 C16

#### Trucks, Tractors, and Other Farm Power (Including Fuels)

23680 \*BERNADAC, P. Le gaz de fumier et de gazoues. Prog. Agr. et Vitic. 120: 243-244. Dec. 5/12, 1943. 14 P94

23681 \*BEURER, R. Unnötige reparaturen vermeiden! Behandlung und pflege der benzinmotoren in der landwirtschaft. Landesbauernschaft Moselland. Wchnbl., No. 18, p. 276. May 1, 1943. 18 L2328

23682 \*BHATTACHARYA, B. Tractor farming in India. Indian Farming 6(1): 45. Jan. 1945. 22 In283

23683 BLACK, B. C. Tractors v. horses. So. Austral. Dept. Agr. J. 48: 544-545. July 1945. 23 So84

23684 \*BUHR, F. Einsatz des neuen holzgas-ackerschleppers. Landesbauernschaft Moselland. Wchnbl., No. 49, p. 882. Dec. 5, 1942. 18 L2328

23685 \*CASSLER, L. Inga restriktioner för jordbrukets traktortåg [No restrictions on agricultural tractor trains]. Lantmannen 29: 546-548. June 16, 1945. 11 L234

23686 \*CASSLER, L. Traktortäget - jordbrukets rationella transportmedel [The tractor train - the sensible transportation vehicle in agriculture]. Lantmannen 29: 437-438. May 12, 1945. 11 L234

23687 \*COUPAN, G. Aménagement des tracteurs à gazogène. Acad. d'Agr. de France. Compt. Rend. 26: 512-526. Apr. 23/30, 1941. 14 P215Bc

23688 \*COUPAN, G. Un carburant bien agricole: "le gaz des fumiers." (Procédés Duceillier et Isman.) Acad. d'Agr. de France. Compt. Rend. 28: 529-532. Oct. 14/21, 1942. 14 P215Bc

23689 \*FERLAT, G. Le gaz de fumier a fait ses preuves. Prog. Agr. et Vitic. 61: 53-54. Feb. 6/13, 1944. 14 P94

23690 \*GRÖNE, L. Direktdrivning från traktor till arbetsmaskin. Lantmannen 29: 409-410. May 5, 1945. 11 L234

23691 \*HU, P. Pflege der holzräder. Landesbauernschaft Moselland. Wchnbl., No. 9, p. 102. Feb. 26, 1944. 18 L2328

23692 LAWRENCE, B. Tractor maintenance. Power Farmer 5: 75. Apr. 1945. 58.8 P872

23693 MCCULLOCH, R. Farm tractors and implements: their selection, operation and maintenance. Agr. Ireland 3: 107-108. (To be cont.) Sept. 1945. 10.5 Ag8

23694 MEISTER, G. From the armed forces to the farm forces. Amer. Fruit Grower 65(9): 20. Sept. 1945. 80 G85

Jeeps.

23695 P., W. Maintenance of lorry engines. Power Farmer 5: III. Apr. 1945. 58.8 P872

23696 PEEL, P. W. Electricity and the motor vehicle. Power Farmer 5: 166-168. Sept. 1945. 58.8 P872

23697 PEEL, P. W. Transmitting power by chain. Power Farmer 5: 74-75. Apr. 1945. 58.8 P872

23698 ROSKELLEY, H., and VAN-HORNE, B. Trucks play their part. Sugar Beet 5(4): 18-19. Sept. 1945. 66.8 Su34B

23699 SCHAFER, V. A brilliant trailer. Power Farmer 5: 93-94. May 1945. 58.8 P872

23700 SEVERSON, H. Selling tractors to save soil. Motor Age 64(10): 22-23, 62. Sept. 1945. 291.8 M852

23701 SHAWL, R. I. Tractor repair and maintenance. Farm Impl. News 66(19): 49-50. Sept. 13, 1945. 58.8 P22

23702 SHIDAKER, W. H. Upping the octane of your gasoline. Ohio Farm Bur. News 25(3): 25. Oct. 1945. 6 Oh34

23703 \*V., W. Schlepper jetzt gebrauchsfertig machen! Landesbauernschaft Moselland. Wchnbl., No. 18, p. 137. Mar. 18, 1944. 18 L2328

23704 \*VOGEL, W. Die reparatur des gespannwagen-luft-reitens. Landesbauernschaft Moselland. Wchnbl., No. 10, p. 115. Mar. 4, 1944. 18 L2328

23705 WEAVER, A. D. City conveniences in the country: liquefied petroleum gas operates many appliances. Nebr. Farmer 87(18): 10, 16. Sept. 15, 1945. 6 N27

#### FARM STRUCTURES

##### General

23706 CHAPPELL, C. J. You can build your own farm structures. N. J. Farm and Garden 16(10): 14-15. Oct. 1945. 6 G162

23707 CURRY, N. H., and GIESE, H. Convertible farm buildings. Agr. Engin. 26: 357-361. Sept. 1945. 58.8 Ag83

23708 RICKETTS, R. L. Farm survey starts Missouri 4-H roofing project. Better Farming Methods 17(7): 21, 32. Sept./Oct. 1945. 58.8 B46

##### Farmhouses

23709 ANGELL, G. N. What I want in my kitchen. Oreg. Farmer 68(19): 3, 23, 30. Oct. 4, 1945. 6 Or32

23710 DOOLE, L. E. New kitchen from old: a re-modeled farm kitchen lightens work. Nebr. Farmer 87(18): 32-33. Sept. 15, 1945. 6 N27

23711 HINCHCLIFF, K. Window areas need balance. Prog. Farmer, Tex. Ed. 60(10): 39. Oct. 1945. 6 T311

23712 \*LUCAS, J. E. Note sur la brochure intitulée "le logement rural." Acad. d'Agr. de France. Compt. Rend. 26: 1041-1044. Dec. 11/18, 1940. 14 P215Bc

23713 MACK, A. J. How to heat your home. Points to watch in building or remodeling. Kans. Farmer 82(19): 8. Oct. 6, 1945. 6 K13

23714 PARKER, P. Proper housing pays dividends. News for Farmer Coops. 12(6): 5. Sept. 1945. 166.2 N47

23715 RAMBO, E. K. Remodeling farm houses. Ark. Farmer 47(9): 6-7. Sept. 1945. 6 Ar42



23716 \*VIGNEROT. L'habitat rural. Acad. d'Agr. de France. Compt. Rend. 26: 1013-1021. Dec. 11/18, 1940. 14 P215Bc

#### Service Buildings

- 23717 ALEXANDER, A. K. S. Ingenuity in poultry houses. Farmer & Stock-Breeder 59: 1449. Sept. 11, 1945. 10 F228
- 23718 BIERLY, I. R. Chore clinic for dairymen. Successful Farming 43(10): 21-23. 72-74. Oct. 1945. 6 Sul2
- 23719 BORCHART, E. M., and WHITFIELD, W. R. Iowa plans a laying house. Successful Farming 43(10): 70-71, 77. Oct. 1945. 6 Sul2
- 23720 BRADT, C. G. Milking parlors and loafing barns. Amer. Agr. 142(19): 18-19. Oct. 6, 1945. 6 Am3
- 23721 BRUBAKER, D. D. It pays to study dairy floor plans. News for Farmer Coops. 12(6): 18-20. Sept. 1945. 166.2 N47
- 23722 CHABOT, E. Take the greenhouse out of mothballs. Home Gard. 6(3): 48-50. Sept. 1945. 80 H756
- 23723 \*COUPAN, G. Les ateliers mobiles ruraux. Acad. d'Agr. de France. Compt. Rend. 30: 141-143. Mar. 8/15, 1944. 14 P215Bc
- 23724 CAMERO ROBLES, A. M. Construcción de parques cerrados. Mundo Avíc. 8(90): 34, 36. Aug. 1945. 47.8 M92
- 23725 GIESE, H., and CURRY, N. H. The all-purpose barn. Country Gent. 115(10): 20-21. Oct. 1945. 6 C833
- 23726 GONZALEZ, A. DE J. Establos sanitarios. III. Fomento [monthly], 1(8): 19-20. June 1944. 8 F734
- 23727 GORDON, M. D. Shade and ventilation for rabbits. Field 186: 146. Aug. 11, 1945. 10 F45
- 23728 GRANGE, C. Farm poultry houses should in future be mobile and sectional. Smallholder 73(1851): 10-11. Sept. 7, 1945. 10 Sml
- 23729 HAHNE, D. Low cost beef cattle barn. Aberdeen-Angus J. 27(2): 55. Sept. 1945. 43.8 Ab3
- 23730 HAYDON, H. Straw houses - only £ 5 for 50 pullets. Poultry Farmer [London] 113(2932): 3. Aug. 31, 1945. 47.8 F312
- 23731 HAYHURST, J. Poultry industry must have more appliances. Smallholder 73(1845): 12. July 27, 1945. 10 Sml
- 23732 HILL, O. J. Proper housing reduces calf losses. Good equipment helps produce best results. Washcoegg 23(4): 6-7. Sept. 1945. 47.8 W27
- 23733 \*HU. Schweinehütten aus preszotroh. Landesbauernschaft Moselland. Wchnbl., No. 10, p. 116. Mar. 4, 1944. 18 L232E
- 23734 HUNT, W. J. Bobsled feed bunk. Successful Farming 43(10): 74. Oct. 1945. 6 Sul2
- 23735 HUNT, W. J. Livestock shade and shelter. Successful Farming 43(10): 69. Oct. 1945. 6 Sul2
- 23736 HUNT, W. J. To house extra hens. Successful Farming 43(10): 39. Oct. 1945. 6 Sul2
- 23737 JOHNDREAU, C. Masonry milkhouse. Successful Farming 43(10): 63. Oct. 1945. 6 Sul2
- 23738 \*KARPENKO, G., and LAZARENKO, V. Novafá kolkhoznafá mel'niśsa [A new collective farm mill]. Kolkhoz. Proizvod. 5(1/2): 30-31. Jan./Feb. 1945. 281.8 K83
- 23739 KITTINGER, C. E. Range stock shelter. Mont. Farmer 33(2): 5. Sept. 15, 1945. 6 M764
- 23740 KRUISWYK, A., JR. Rafter ventilation feature of modern poultry house. Washcoegg 23(4): 8. Sept. 1945. 47.8 W27
- 23741 \*LLARENA, S. DE. Produccion de leche. Influencia higienica del establo. Agr. Levantino 10(119): 7-10. Oct. 1944. 15 Ag85

23742 \*LYSENKO, D. N. Kak ustroit' parnik [How to construct hotbeds]. Kolkhoz. Proizvod. 5(1/2): 23-24. Jan./Feb. 1945. 281.8 K83

23744 MCCALL, R. J. Get dairy barns ready for winter. Pa. Grange News 42(6): 7. Sept. 1945. 6 P38

23745 MILLER, A. V. Milk houses are built. Hoard's Dairyman 90: 470. Sept. 10, 1945. 44.8 H65

23746 NELSON, H. Ole Nordin solves dairy barn reconstruction problem. Skagit Co-op. Dairyman 23(1): 3. Sept. 1945. 280.28 Sk1

23747 QUISENBERRY, J. H. Make your own de-beaker. Hawaii Farm and Home 8(9): 22. Sept. 1945. 25 H3191

23748 ROEHL, L. M. A community workshop. Amer. Agr. 142(19): 8. Oct. 6, 1945. 6 Am3

23749 SEIDE, E. F. Location and construction of the poultryhouse. Pacific Poultryman 49(8): 4. Sept. 1945. 47.8 P112

23750 SIMMONS, C. Romig shortcuts. Pacific Rural Press, South. Ed. 150: 170. Sept. 15, 1945. 6 P112A

#### Poultry equipment.

23751 \*TRIER, B., and others. Stallbaufragen im rheinischen höhengbiet. Landesbauernschaft Moselland. Wchnbl., No. 48, p. 862-863; No. 50, p. 902-903. Nov. 28, Dec. 12, 1942. 18 L2328

Vogler, Heimig, and Scherl, joint authors.

23752 WELCH, T. H. Poultry houses. Mont. Farmer 33(2): 1, 29. Sept. 15, 1945. 6 M764

23753 WILLIAMSON, W. C. Ultra-violet rays for rabbit houses. Poultry & Rabbit Monthly 13(9): 7-8. Sept. 1945. 47.8 P8654

23754 WILLITTS, B. Beauty and convenience in post-war [dairy] plants. Creamery J. 56(9): 8, 20, 35. Sept. 1945. 44.8 C86

23755 YOUNG, M. L. Visitors are impressed by barns. Family Herald and Weekly Star 76(36): 10. Sept. 5, 1945. 7 F21

#### Storage Structures

23756 BEELER, M. N. Designed to save work. Capper's Farmer 56(9): 13. Sept. 1945. 6 M693

Granary.

23757 \*BUDILOV, M. Ovoshchekhranilishche vystroeno podrostkami [A storehouse for vegetables built by youths]. Kolkhoz. Proizvod. 5(1/2): 31. Jan./Feb. 1945. 281.8 K83

23758 CARTER, D. G. How to store soft corn. Successful Farming 43(10): 20, 54. Oct. 1945. 6 Sul2

#### Corncribs.

23759 GOOD, E. S. A silo the cow can eat. Prog. Farmer, Ky.-Tenn. Ed. 60(10): 68. Oct. 1945. 6 P945K

23760 GRAHAM, H. A. Six-cow silo. Successful Farming 43(10): 68. Oct. 1945. 6 Sul2

23761 HENDRIX, A. T. Resistance of hay to air flow. Agr. Engin. 26: 369-371. Sept. 1945. 58.8 Ag83

23762 HOARD, B. Reversed air cold storage is developed for sparkling new plant to speed cooling of apples. Better Fruit 40(3): 7, 9. Sept. 1945. 80 B46

23763 HUTCHINS, A. E. How to store fresh vegetables at home. Better Homes and Gardens 24(2): 82, 86. Oct. 1945. 80 F9424

#### Storage rooms.

23764 NIELSEN, L. W., and KRAUS, J. E. Is your potato cellar ready to do its job? Idaho Farmer 63(17): 3. Sept. C, 1945. 6 G282



23765 REDEKER, P. B. Locker plant in the basement offers storage space to Chicago apartment tenants. Air Conditioning and Refrig. News 46(2):24-25. Sept. 10, 1945. Beltsville Branch Libr.

#### Farm Utilities

23766 BROWN, C. A. C. The application of electricity to field operations: a critical resumé. Brit. Elect. and Allied Indus. Res. Assoc. Tech. Rpt. Ref. W/T8, 20 p. London, 1944. 335 B814A

23767 \*CHAVAGNAT. Conseils pratiques sur les pannes en électricité et les moyens d'y remédier. Génie Rural et Elect. Rurale 38(6): 3-5. June 1945. 58.8 Au8

23768 \*DENIS, L. Considérations sur le bridget familial et l'électrification des campagnes. Génie Rural et Elect. Rurale 38(7/8): 7. July/Aug. 1945. 58.8 Au8

23769 \*F., H. Le battage électrique doit conserver sa place malgré le retour des carburants liquides. Génie Rural et Elect. Rurale 38(6): 10. June 1945. 58.8 Au8

23770 \*KOZLOV, E. Elektrichestvo v kolkhoze. Kolkhoz. Proizvod. 5(3): 20-21. Mar. 1945. 281.8 K83

Electricity on the collective farm "Mafak" in the Tula region.

23771 LINKE, H. O. Electricity on the land. So. Austral. Dept. Agr. J. 48: 553-554. July 1945. 23 So84

23772 LUBETH, E. Le problème de l'électrification rurale à la Guadeloupe. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 11: 122-125. July 1945. 8 R327

23773 MCWILLIAMS, M. Wanted -- competent dealers Rural Electrification News 11(1): 11, 22. Sept. 1945. 173.2 R88Ru  
Rural electrification.

23774 MAGNIN, J. Our community likes us! Rural Electrification News 11(1): 6, 17. Sept. 1945. 173.2 R88Ru  
Rural electrification.

23775 \*MARTY, H. 400 volts. Génie Rural et Elect. Rurale 38(7/8): 4-5. July/Aug. 1945. 58.8 Au8

Rural electrification in France.

23776 \*PANNWITZ. Reichsbethilfe für elektrische einzäunung. Landesbauernschaft Moselland. Wchnbl., No. 6, p. 68. Feb. 5, 1944. 18 L2328

23777 PEEL, P. W. Small electric power plants. Power Farmer 5: 90-92, 94. May 1945. 58.8 P872

23778 TAYLOR, R. B. C. Surveying for wood pole lines. Elect. Times 108: 291-294. Sept. 6, 1945. 335.8 E126

Extension of rural electrification.

23779 \*TERNOV, A. Elektrichestvo v kolkhoze. Kolkhoz. Proizvod. 5(1/2): 10-11. Jan./Feb. 1945. 281.8 K83

Electricity on the collective farm "Zaria" in the Sverdlov region.

23780 \*TOUCHE, F. DE LA. Les battages par l'électricité en Indre-et-Loire. Rev. des Agr. de France 74: 52-53. (Concl.) Feb. 1942. 14 R325

23781 WIRED FOR better living. Consum. Guide 11(9): 9-11. Sept. 1945. 1.94 Ad422C

#### Materials and Methods

23782 JOHNSON, H. Your chance for surplus war materials. Washcoegg 23(4): 9, 27. Sept. 1945. 47.8 W27

23783 MASVIDAL, R. El caucho en la agricultura. Tierra Libre 9(8): 19-20. Aug. 1945. 8 T443

23784 \*PANCHENKO, D. Cherepitsa i kirpich [Tile and brick]. Kolkhoz. Proizvod. 5(3): 33. Mar. 1945. 281.8 K83

Production of tile and brick on the collective farms.

23785 SCHAPHORST, W. F. How many shingles? Mont. Farmer 33(1): 30. Sept. 1, 1945. 6 M764

23786 SCHAPHORST, W. F. Valuable painting kinks. Mont. Farmer 33(1): 31. Sept. 1, 1945. 6 M764

#### AGRICULTURAL PRODUCTS: PROCESSING, DISTRIBUTION, AND STATISTICS

##### GENERAL

23787 BOYER, W. P. Boyer predicts beef cattle as rice adjunct [in Poinsett County, Ark.], by Martel McNeely. Rice J. 48(8): 9, 26, 28. Aug. 1945. 59.8 R36

23788 COHEN, R. M. Eyes focused on food. Butchers' Advocate 118(11): 20-21; (13): 10-11. Sept. 12, 26, 1945. 286.85 B97

First and second of a series of articles on the world food situation. The first deals with Europe.

23789 COMAS CALVET, P. La producción y el consumo de alimentos en Colombia. Pan Amer. Union. Bol. 79: 582-589. Oct. 1945. 150.9 M76B

23790 EUROPE'S future --- food or famine? Amer. Cookery 51(1): 22-23, 54. Sept. 1945. 389.8 B65

23791 FULLER, H. Politics and Europe's hunger. New Repub. 113: 428-429. Oct. 1, 1945. 260.9 N

23792 \*HAHN, W. Das butterbrot des Europäers. Deut. Agrarpolitik 2: 246. May 1944. 281.8 D48  
Grain and feed and livestock products supplies.

23793 MEYER, J. C. Serious economic problems bedevil the people of war-ravaged Europe. Cotton Trade J. 25(37): 1, 5. Sept. 15, 1945. 72.8 C8214  
Includes discussion of the food situation.

23794 OSSER, E., and MANGUM, M. The ins and outs of our food supply. Amer. Cookery 51(1): 20-21, 62-64. Sept. 1945. 389.8 B65

23795 POWERS, J. J. Feeding the American Army. Md. Agr. Soc.--Md. Farm Bur. Rpt. (1944) 29: 59-64. 1945. 4 M366

23796 PURVES, C. M. War changes in European food production. Agr. Situation 29(9): 9-12. Sept. 1945. 1 Ec7Ag

23797 RUSSELL, SIR E. J. The feeding of Europe: I. Western Europe. Farm for Victory, No. 19, p. 11-12. Aug. 1945. 281.8 F226

23798 TENNANT, J. L. Our food supply. R. I. State Col. Ext. Better Rural Life 6(9): 1. Sept. 1945. 275.29 R34B

23799 THINGS to come. Amer. Cookery 51(1): 24-33, 52, 56. Sept. 1945. 389.8 B65  
Contents: Introduction, p. 24; New taste approaches, p. 25, 26; Facts on fats, p. 26; Milk matters, p. 27; The riddle of red points, p. 28-29, 56; Forecast: freezing, p. 30-31; For your concentrated attention, p. 32-33, 52.

23800 \*UKIL, A. C. Food problem in Bengal. Sci. and Cult. 11: 91-95. Aug. 1945. 475 Sci24

23801 ZIMMERMAN, M. M. Raising of war-time restrictions eases food situation. Super Market Merchandising 10(9): 13-14, 16. Sept. 1945. 389.8 Su7

##### ANALYSIS AND COMPOSITION

23802 AZMY, S. Food poisoning. Roy. Egypt. Med. Assoc. J. 27: 508-536. Dec. 1944. 448.9 Eg93

23803 HEISE, H. A. Food poisoning; the importance of the method of presentation of medicolegal evidence. Amer. J. Clin. Path. 15: 289-292. July 1945. 448.8 Am34

23804 LOGIUDICE, N. G. Fraudes en las sustancias alimenticias. Buenos Aires. Dir. de Ganad. B. de Ganad. 1(1): 24-26. (To be cont.) 1944. 49 B86



**23805** NORTH DAKOTA. STATE LABORATORIES DEPT. Food and drug bulletin with analysis and registration of beverages, feeds and other products. N. Dak. State Lab. Dept. B. 73, 100 p. Bismarck, 1945. 389.9 N814

#### CONSUMPTION AND UTILIZATION

**23806** ABITBOL, J. Residuos de industrias agrícolas en la fabricación de resinas sintéticas. Argentina. Dir. de Algodón. B. Mens., No. 111/112, p. 329-334. July/Aug. 1944. 72.9 Ar3

**23807** LATHEROP, E. C. Industrial utilization of agricultural residues. TAPPI B. 59: 1-2. Sept. 24, 1945. (Madison Sub-Branch Lib.)

**23808** LEWIS, R. G. Factors governing the utilization of agricultural residues for paper and paper board. Chemurg. Digest 4: 272-278. Aug. 31, 1945. 381 N213Na

**23809** \*OLIVEIRA, A. A. DE. Rendimentos privados e consumo. Cent. de Estud. Econ. Rev., No. 1, p. 207-270. 1945. 280.9 C333

Includes food consumption in Portugal.

**23810** U. S. BUREAU OF LABOR STATISTICS. Wartime food purchases. U. S. Bur. Labor Statist. B. 838, 26 p. Washington, 1945. 158.6 B87

#### DISTRIBUTION, MARKETING, AND TRANSPORTATION

**23811** COHEN, R. M. The meat of things. Butchers' Advocate 118(12): 22. Sept. 19, 1945. 286.85 B97

Future of the food trade.

**23812** CONNECTICUT. DEPT. OF AGRICULTURE. BUREAU OF MARKETS. Statistical information pertaining to the marketing of agricultural products in Connecticut, 1944, 42 p., processed. Hartford, 1945. 252.13 Ag82

**23813** DIEMER, A. Economic self-government. Rural Co-op. 9(23): 4. Aug. 14, 1945. 280.28 R88

Cooperation for farmers.

**23814** \*GARCIA, J. P. Movimento corporativo [Portugali]. Cent. de Estud. Econ. Rev., No. 1, p. 349-363. 1945. 280.9 C333

Includes marketing control of agricultural products.

**23815** GOODYEAR, F. Retailing quick frozen foods. Butchers' Food 118(11): 22-25. Sept. 12, 1945. 286.85 B97

**23816** GRAHAM, H. A. Flying farmers of Oklahoma show uses for farmer-owned planes. Agr. Leaders' Digest 26(7): 28. Sept. 1945. 275.28 Am3

**23817** MAINTAIN, R. E. Frank's food center fine example of modern food store. New England Grocery and Market Mag. 13(12): 17-18. Oct. 1945. 286.83 N44A

**23818** MYERS, W. F. Airfreight box company official describes containers for air transport of perishables. West. Grower and Shipper 16(10): 16. Sept. 1945. 280.38 W5E

**23819** NOBLE, R. J. Science benefits in modern farming. Solution of distribution problems essential. Primary Prod. [Sydney] 22(28): 1, 11. July 13, 1945. 23 P93

**23820** PENSINGER, C. R. The merchandising of frozen food in the department store. Amer. Grocer 154(9): 2-3. Aug. 29, 1945. 286.83 Am32

Also in Canner 101(14): 20, 24. Sept. 1, 1945.

286.83 C16

**23821** PERRYMAN, C. E. The fan cars are coming. Calif. Fruit and Veg. Rev. 6(6): 25-27, 67. Sept. 1945. 80 C1224

Refrigerator car.

**23822** PIPER, W. E. New England farmers prepared for new era food trends. New England Grocery and Market Mag. 13(12): 31-32. Oct. 1945. 286.83 N44A

Marketing of agricultural products.

**23823** POE, C., and others. The South must claim its share of American markets. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(10): 15. Oct. 1945. 6 P945K

W. C. Lassetter, A. Nunn, and S. F. Hill, joint authors.

**23824** RANNEY, H. F. New markets in frozen foods. Rural New-Yorker 104: 382. Sept. 1, 1945. 6 R88

Locker plants provide local farmers with good market.

**23825** RHEE, H. A. A note on the cost of food distribution [Great Britain]. Farm Econ. 4: 117-119. July/Dec. 1944. 281.8 F223

**23826** \*S., M. La labor de la Delegación Provincial de Abastecimientos y Transportes, de Valencia. Agr. Levantino 10(118): 12-13. Sept. 1944. 15 Ag85

**23827** TAYLOR, F. J. Flying the food to market. Country Gent. 115(10): 13, 58-59. Oct. 1945. 6 C833

**23828** WHITACRE, W. R. Why consumers buy at farmers' markets. Market Growers J. 74(9): 11. Sept. 1945. 6 M34

**23829** WILLIAMS, R. The high cost factor in distribution. Internatl. Confectioner 55(8): 26, 30. Aug. 1945. 389.8 In214

#### GRADING, INSPECTION, STANDARDIZATION, AND QUALITY

**23830** CARROLL, J. F. Time for canners to ask themselves: "Are my labels ready for the postwar selling job?" Canner 101(14): 15-16. Sept. 1, 1945. 286.83 C16

**23831** DAMERON, K. Labeling terminology. J. Business, U. Chicago 18: 157-166. July 1945. 280.8 J825

**23832** DIPLOMAS for canned foods. Consum. Guide 11(9): 6-8. Sept. 1945. 1.94 Ad422C

**23833** MAYHAM, S. L. Sins of misbranding. Mod. Packaging 19(1): 93-97. Sept. 1945. 309.8 M72

Labeling and packaging.

**23834** MURRAY, E. G. Food control in Scotland in olden days. Scot. Home and Country 21: 139. Sept. 1945. 281.28 Sco3

**23835** \*PETRAGNANI, G. Stato sanitario del regno ed attività della Direzione Generale della Sanità Pubblica nel 1939. Azione Vet. 10: 261-266. July 30, 1941. 41.8 Az3

Food sanitation work and veterinary services in Italy.

**23836** U. S. FOOD AND DRUG ADMINISTRATION. Definitions and standards for food. U. S. Food and Drug Admin. Serv. and Regulat. Announc. Food, Drug and Cosmetic, No. 2, 50 p. Washington, 1944. 1 F732Sfd

#### PACKING AND PACKAGING

**23837** BAKER, J. Frozen foods ... the package in their future. Mod. Packaging 19(1): 102-104. Sept. 1945. 309.8 M72

**23838** ISHERWOOD, F. A. Dehydrated foods in non-metallic containers. Part 1. Mod. Packaging 19(1): 137-141, 166. Sept. 1945. 309.8 M72

**23839** JANSSEN, W. Reconversion--a transition era for packaging. Glass Packer 24: 671-672, 698. Sept. 1945. 309.8 G463

**23840** LINCOLN, W. B., JR. Development of "V" and "W" board weatherproof corrugated shipping containers. Fibre Containers 30(9): 20, 22, 27-28. Sept. 1945. 286.8 F44

**23841** PACKAGES on parade. What present and post-war food packaging has in store for you. Amer. Cookery 51(1): 40-41, 50, 52. Sept. 1945. 389.8 B65

**23842** TRESSLER, D. K. War's end brings improvement in frozen food packaging. Fruit Prod. J. and Amer. Food Mfr. 25(1): 3-4. Sept. 1945. 389.8 F94



23843 WELP, G. Packaging for tomorrow. Fibre Containers 30(9): 82, 84, 85, 86, 87, 88. Sept. 1945. 286.8 F44

23844 WHAT'S ahead in prepackaged produce. Super Market Merchandising 10(9): 51-56. Sept. 1945. 389.8 Su7

Third in a series of four articles.

#### PRICES, PRICE CONTROL, AND RATIONING

23845 \*AMORIM, D. P. D'. Preços. Cent. de Estud. Econ. Rev., No. 1, p. 273-284. 1945. 280.9 C333

Includes wholesale and retail food prices, in Portugal.

23846 BANCO NACIONAL DE COSTA RICA. Boletín estadístico (datos hasta 1944), 24 p. San Jose. 1945. 284.9 B2297B

Includes wholesale price indexes for agricultural products, annual 1936-1944, and monthly 1942-1944.

23847 BARREDO Y FERNÁNDEZ, G. Funciones de la Dirección de la Inspección General y del Negociado de Control de Precios y Represión del Clandestineo, del Ministerio de Comercio. Cuba. Min. de Com. Rev. Ofic. 8(51): 10-13. Aug. 1945. 280.9 C91

23848 \*DENMARK. LANDØKONOMISKE DRIFTSBUREAU. Landbrugets prisforhold i tidsrummet 1. juli 1944-30. juni 1945 samt prisforskydningerne i perioden 1939-45. Denmark. Landøkonom. Driftsbur. Meddel. 69, 8 p. København, 1945. 11 D414M

Agricultural prices in Denmark.

23849 DOWSETT, W. T. A note on minimum standards for rationed necessities. Econ. Rec. 21(40): 89-94. June 1945. 280.8 Ec94

23850 FLUHARTY, D. G. Postwar Govt. controls for the food industry. Wholesale Grocer News 20(5): 56-58. Aug. 1945. 286.83 W622

Prices.

23851 FOOD insurance by protecting farmers from losses; price support protects consumers from shortages. Consum. Guide 11(9): 3-5. Sept. 1945. 1.94 Ad422C

23852 HARTARD EBERT, M. Precios de los productos agropecuarios. Campesino [Santiago] 77: 410-411. July 1945. 9.3 Sol2

23853 MORSE, T. D. Economists agree that farm prices will go down. Better Farming Methods 17(7): 22, 49, 50. Sept./Oct. 1945. 58.8 B46

23854 MUÑOZ GINARTE, B. Cosas del abastecimiento. Agronomía, Habana, 5: 143-144. Aug. 1945. 8 C893

Need for price control.

23855 NEALE, E. P. The New Zealand war-time prices index. Econ. Rec. 21(40): 94-100. June 1945. 280.8 Ec74

23856 SIRETT, H. These also toil and sweat, and deserve to be granted the extra food allowances. Farmer & Stock-Breeder 59: 1320. Aug. 21, 1945. 10 F228

People on one-man or two-men farms working for themselves.

23857 VROOMAN, L. Economics of price regulation. Mo. State Hort. Soc. Proc. 1942/44: 141-146. Dec. 1944. 81 M692

23858 WAITE, W. C., and COX, R. W. Minnesota farm prices for July, 1945. Minn. U. Agr. Ext. Farm Business Notes, No. 272, p. 4. Aug. 24, 1945. 275.29 M563

#### PROCESSING AND STORAGE

23859 ABEL, R. C. The future of frozen foods: how an expert sees it. Prog. Grocer 24(9): 82-85, 134, 139, 142. Sept. 1945. 286.83 P942

As told to R. W. Mueller.

23860 ADAMS, J. R. Frosted foods key factor in serving 750,000 meals monthly in Pennsylvania R. R. dining cars. Frosted Food Field 1(3): 1-2. Sept. 1945. 389.8 F92

23861 BASHFORD, T. E. Hygiene and canning practice. Food Manufacture 20: 313-318. Sept. 1945. 389.8 F736

23862 BEINS, C. A. Quality and price are essentials. Food Merchants Advocate 61(6): 7, 27. June 1945. 286.28 F73

Frozen food.

23863 BIRDSEYE, C. Higher quality and lower costs needed in food processing. Ice and Refrig. 109(3): 62. Sept. 1945. 295.8 Ic2

23864 BRICHET, J. Le froid au service de la production agricole algérienne. Fruits et Primeurs de l'Afrique du Nord, Ed. Maroc. 15: 91-95. May 1945. 80 F9482

23865 BRYANT, G. H. Public still feels frosted foods are "class" products. Frosted Food Field 1(1): 5. July 1945. 389.8 F922

23866 CARROLL, L. R. Feeding the family from the frozen food locker. Forecast 61(9): 30-32, 100, 102, 106. Sept. 1945. 321.8 F76

23867 COLSTON, R. Postwar potentials of frozen food industry. Mag. Wall St. 76: 715-716, 730-731. Sept. 29, 1945. 286.8 M27

23868 FLEDDERJOHN, H. Cooperative frozen food locker is successful. Hoosier Farmer 30(9): 8, 16. Sept. 1945. 280.82 H76

Community frozen food locker in Wabash County, Ind.

23869 FREY, W. L. The refrigeration of sweet yeast doughs and its advantages in mechanical make-up. Amer. Soc. Bakery Engin. B. 133, 10 p. Chicago, 1945. 389.9 Am37B

23870 GIBSON, E. T. Past, present, and future [of food freezing]. Frosted Food Field 1(1): 7-8; (2): 16-17. July-Aug. 1945. 389.8 F922

23871 GUARNIERI, J. C. Los "padres" de la industria frigorífica. Rev. de la Unión Indus. Uruguaya (ser. 4) 46(1): 7-9. May/June 1945. 280.8 R327

Beginnings of the refrigeration industry in Uruguay.

23872 HACKER, C. Frosted foods for Fraser Valley. West. Frozen Foods 6(10): 4-5. Aug. 1945. 389.8 W523

Cold storage locker industry in British Columbia.

23873 JAFFE, J. H. Quick-freezing; magical device; seals in nutrition, flavor, appearance values; a short history. Food Merchants Advocate 61(6): 4-5, 26. June 1945. 286.28 F73

23874 \*JAIN, N. L. Location of a cannery. Punjab Fruit J. 8: 5, 6. Jan. 1944. 80 P962

Includes access to labor and markets.

23875 \*KASHALKAR, N. Y. Food preservation in India. Punjab Fruit J. 8: 83-86. Oct. 1944. 80 P962

23876 \*KOHLI, K. L. War and the preservation industry. Punjab Fruit J. 6: 1065-1067. Jan. 1942. 80 P962

23877 LUND, A. A. Electronics makes first beach-head in frozen food field. Food Mater. and Equip. 5(9): 2. Sept. 1945. 389.8 F7395

23878 MCKEE, E. S. Do your share -- preserve food. What's New in Home Econ. 9(10): 65-67, 70. June 1945. 321.8 W55

23879 MILLER, J. Freezing cooked foods. Capper's Farmer 56(9): 32-33, 47. Sept. 1945. 6 M693

23880 MITCHELL, E. W. What I've had out of my farm freezer. Elect. on the Farm 18(7): 9. Aug./Sept. 1945. 335.8 EL27

23881 MITCHELL, T. Postwar refrigeration is ready. Ice Cream Field 46(3): 24. Sept. 1945. 389.8 Ic23

23882 NICHOLAS, J. E. Recent trends in freezing. Frosted Food Field 1(3): 15. Sept. 1945. 389.8 F92



23883 O'CONNOR, S. Frozen bake shop is big success. *Frosted Food Field* 1(2): 4, 12. Aug. 1945. 389.8 F922

23884 PERRY, M. A. Creamery patrons appreciate frosted food locker services. *Canad. Dairy and Ice Cream J.* 24(8): 54-55. Aug. 1945. 44.8 C162

23885 \*SADASIVAN, T. S. The control of 'spoilage' in canned foods. *Punjab Fruit J.* 6: 1109. Jan. 1942. 80 P962

23886 SHERMAN, R. W. Cold storage locker plants in Ohio (preliminary report). *Ohio. State U. Dept. Rural Econ. Mimeog. B.* 188, 24 p. Columbus, 1945. 281.9 Oh32

23887 SINGRUEN, E. Frozen, ready to bake products. *Northwest. Miller* 223(10): 26-27, 30-31, 71, 74. Sept. 5, 1945. 298.8 N81

23888 SMITH, S. F. Food revolution now under way. *Frosted Food Field* 1(2): 4, 12. Aug. 1945. 389.8 F922

Frozen food.

23889 THORNTON, H. R., and DUNKLEY, W. L. Dairying - pioneer in the training of food technologists. *Food in Canada* 5(8): 26, 28, 30, 32. Aug. 1945. 389.8 F7323

23890 TRESSLER, D. K. Must test frozen cooked foods. *Frosted Food Field* 1(3): 16. Sept. 1945. 389.8 F92

23891 TRESSLER, D. K. What you should know about frozen foods. *Forecast* 61(9): 27-29, 106, 108. Sept. 1945. 321.8 F76

23892 ULLMAN, V. Frozen meals. *Hosp. Corps Q.* 18(1): 57-60. Sept. 1945. 153.45 Un3

23893 WILLIAMS, E. V. Food protection vital to industry. *Frosted Food Field* 1(3): 4-5, 11. Sept. 1945. 389.8 F92

23894 WILLIAMS, E. W. From Seattle to San Diego: a review of a seven weeks' trip studying commercial freezing on the West Coast. Pt. I. *Quick Frozen Foods* 8(1): 56-57, 78. (To be cont.) Aug. 1945. 389.8 Q4

23895 WOODROOF, J. G., and ATKINSON, I. S. Freezing cooked foods. *Food Indus.* 17: 1041-1042, 1136, 1138. Sept. 1945. 389.8 F737

23896 WRIGHT, E. B. Frozen food survey of New England distributors. *Quick Frozen Foods* 8(1): 58-59. Aug. 1945. 389.8 Q4

#### STATISTICS

23897 ALBERTA. DEPT. OF AGRICULTURE. AGRICULTURAL EXTENSION SERVICE. Estimated gross value, agricultural production, and estimated cash income from sale of farm products for 1944, 4 p. Edmonton, 1945. 253.41 Ag82

23898 BUSINESS year book; a study of the Canadian market, domestic and export; 21st, 1945, 152 p. Montreal, 1945. 253 F49

Agriculture, p. 124-125, contains agricultural statistics for Canada.

23899 CANADA. BUREAU OF STATISTICS. Eighth census of Canada, 1941... Nova Scotia... Census of agriculture, 188 p. Ottawa, 1945. 253 C3338Ag

23900 EL SALVADOR. MINISTERIO DE HACIENDA. Anuario estadístico de 1943, v. 1, 291 p. San Salvador, 1944. 254 Sa52

23901 \*MAGALHÃES, V. P. DE. Estatística da produção agrícola. *Cent. de Estud. Econ. Rev.*, No. 1, p. 301-323. 1945. 280.9 C333

Portugal.

23902 MINNESOTA. DEPT. OF AGRICULTURE, DAIRY AND FOOD. Minnesota annual crop and livestock statistics for 1943-1944. *Minn. Dept. Agr., Dairy and Food. B.* 47, 39 p. St. Paul, 1944. 2 M662

23903 NEW SOUTH WALES. STATISTICIAN. Statistical register for 1943-1944. Pt. I. Rural industries and settlement and meteorology. 58 p. Sydney, 1945. 271.1 St2S

Includes agricultural products, livestock, honey and beeswax, and forestry.

23904 NEW ZEALAND. CENSUS AND STATISTICS DEPT. Statistical report on the factory production of the Dominion of New Zealand for the year 1942-43, 43 p. Wellington, 1945. 271.2 C33St

Includes Meat freezing and preserving; Ham and bacon curing; Butter, cheese, and condensed-milk factories; Grain mills; and Tanning.

23905 \*PANDE, J. K. Crop estimation in the United Provinces (a preliminary study, with some suggestions for improvement) with a foreword by Sir M. G. Hallett. *United Provinces, Dept. of Econ. and Statis. B.* 2, 119 p. Allahabad, 1945. 280.9 Un323

23906 \*PORTUGAL. INSTITUTO NACIONAL DE ESTATÍSTICA. Anuário estatístico, 1943; annuaire statistique. 552 p. Lisboa? 1945. 264 F49A

Includes statistics of agricultural production, wages, insurance, livestock, farm transfers, mortgages, forestry, prices, and credit.

23907 \*RUIZ ALMANSA, J. La estadística internacional y las posibilidades y deberes de España en ella. *Spain. Dir. Gen. de Estadís. B. de Estadís.*, No. 24, p. 325-347. Oct./Dec. 1944. 263 Spl2

23908 SCHUTZ, H. H. Programa estadístico para el Ministerio de Agricultura. *Peru. Dir. Gen. de Agr. B.* 17(52/55): 7-66. 1944. 9.8 P43B

Introductory remarks, p. I-VI.

23909 SOUTH AUSTRALIA. STATISTICIAN. The statesman's pocket year book of South Australia, 1945, 118 p. Adelaide, 1945. 271.4 St2S

Includes agricultural and livestock statistics.

23910 SUMMERS, T. H. Today's Colorado farm situation. *Colo. State Col. Agr. Ext. Colo. Ext. Rec.* 15(12): 2. Sept. 5, 1945. 275.29 C71Ex

Statistics on beef cattle and corn production.

23911 \*SWEDEN. STATISTISKA CENTRALBYRÅN. Årsväxt en år 1944; preliminär redogörelse. 23 p. Stockholm, 1944. 257.3 St2Na

Statistics of crop yields in Sweden in 1944.

23912 \*SWEDEN. STATISTISKA CENTRALBYRÅN. Statistisk årsbok för Sverige, trettioförsta årgången, 1944, 406 p. Stockholm, 1944. 257.3 St2Nc

Title, captions, and table of contents in French.

23913 TASMANIA. STATISTICIAN. Pocket year book of Tasmania, 1945, 123 p. Hobart, 1945. 271.5 St2P

Contains statistics of agricultural products.

23914 VIVÓ, H. El carácter técnico de la estadística; importancia de las resoluciones de la "III Conferencia Interamericana de Agricultura" para el desarrollo de la estadística agrícola en la América. *Cuba Econ. y Financ.* 20(233): 19-20. Aug. 1945. 286.8 C892

23915 \*WALTER, F. Agrarstatistik im umbruch. *Deut. Agrarpolitik* 2: 229-237. May 1944. 281.8 D48

#### BEVERAGES AND CONDIMENTS

23916 BROWN, B. M. Progress in brewing research in 1944. *Amer. Brewer* 78(8): 57-58, 60-61, 72. (Cont.) Aug. 1945. 390.8 Am3

23917 CADDOW, H. A. Wine industry shows its confidence. *Fruit Prod. J. and Amer. Food Mfr.* 25 (1): 4, 21, 25. Sept. 1945. 389.8 F94

23918 \*CARRIÓN, P. El vino y el alcohol industrial. *Agr. Levantino* 10(118): 20-21. Sept. 1944. 15 Ag85

Spain.

23919 \*CARRIÓN Y CARRIÓN, P. La fermentación de los mostos. *Agr. Levantino* 11(126): 27-29. May 1945. 15 Ag85



- 23920 \*CHEDEVILLE, C. La vinification de la récolte 1944. Off. Internatl. du Vin. B. 18(167/170): 74-80. Jan./Apr. 1945. 390.8 B87  
Wine manufacture in Tunisia.
- 23921 CLARKE, R. W. Coffee and tea in history of Hudson Bay. Spice Mill 68(9): 12-13. Sept. 1945. 389.8 Sp4
- 23922 COLOMBIA. MINISTERIO DE HACIENDA Y CRÉDITO PÚBLICO. Memoria de hacienda, 1945. 275 p. Bogotá, 1945. 284.9 C721  
Includes the coffee industry.
- 23923 CONSERVACIÓN del vino, by Vinicus. Vinos, Viñas y Frutas 41: 19-20. July 1945. 9 Ag89
- 23924 CRUZ RIASCOS, L. Más cacao para Colombia. Rev. Agr. y Ganad. 8(92): 5-6. May/June 1945. 9.4 R327  
Prospects of the industry.
- 23925 DE CASTELLA, F. Australia as a wine country. Wines & Vines 26(8): 22-23, 31-33. Aug. 1945. 95.8 C122
- 23926 DIRECTORY of American wineries. Wine Rev. 13(8): 28-98. Aug. 1944. 390.8 W722
- 23927 ELABORACIÓN de champagnes argentinos. Vinos, Viñas y Frutas 41: 49-54. July 1945. 9 Ag89
- 23928 FEDERIK, T. El añejamiento de los vinos. Vinos, Viñas y Frutas 41: 59, 61-62. July 1945. 9 Ag89
- 23929 FESSLER, J. Detergents and other chemicals used in winery sanitation. Wines & Vines 26(8): 25, 35. Aug. 1945. 95.8 C122
- 23930 \*FRANÇOT. Acidité totale et acidité réelle des moûts et des vins de Champagne. Off. Internatl. du Vin. B. 18(167/170): 114-118. Jan./Apr. 1945. 390.8 B87
- 23931 GUEDES, J. F. A palavra do Sr. Jayme Fernandes Guedes sobre o momentoso problema do café industrializado. Rev. do Com. de Café do Rio de Janeiro 3(39): 15-19. Feb. 1944. 286.83 R32
- 23932 HUBBARD, E. W. Flash pasteurization for table wines. Wines & Vines 26(8): 19, 34. Aug. 1945. 95.8 C122
- 23933 JACOBS, M. B. Solvents for the flavor industry. Amer. Perfumer and Essential Oil Rev. 47(9): 56-58. Sept. 1945. 308.8 Am3
- 23934 \*KIELHÖFER. Ratschläge für die Behandlung der 1943er jungweine im Moselgebiet. Landesbauernschaft Moselland. Wchnbl., No. 8, p. 92. Feb. 19, 1944. 18 L2328
- 23935 \*LAGNEAU, C. Le contrôle légal en oenologie. Off. Internatl. du Vin. B. 18(167/170): 54-74. Jan./Apr. 1945. 390.8 B87  
French legislation.
- 23936 \*MARTIN. Zur Behandlung des 1943er weines. Landesbauernschaft Moselland. Wchnbl., No. 4, p. 44. Jan. 22, 1944. 18 L2328
- 23937 \*MESTRE ARTIGAS, C., and MESTRES JANE, A. Fermentaciones conjuntas acetono-butílica y etílica de mostos. Spain. Inst. Nac. de Invest. Agron. B. 12, p. 117-152. May 1945. 105.6 Sp14  
On fermentation of grape must and of the juice of the Jerusalem artichoke.
- 23938 PEYSER, J. E. 1945 California legislation affecting the wine industry. Wines & Vines 26(8): 21, 30-31. Aug. 1945. 95.8 C122
- 23939 PRINDLE, K. E. Laminated foils in soluble coffee packaging. Spice Mill 68(9): 35, 37-38. Sept. 1945. 389.8 Sp4
- 23940 \*RENTSCHLER, H. Die beeinflussung der farbe von rotweinen durch das einbrennen. Schweiz. Z. f. Obst- u. Weinbau, No. 15, p. 259-261. July 21 1945. 80 Sch9
- 23941 \*RICHES, A. J. Market for India's teas. Planters' Chron. 40: 199-200. July 1, 1945. 22 P693
- 23942 SALINAS G., J. E. Fomento efectivo de la producción de cacao en Colombia. Rev. Agr. y Ganad. 8(92): 7-8. May/June 1945. 9.4 R327  
Imports, national requirements, and a program of development.
- 23943 \*SCHELLENBERG, A. Die weine des bezirkes Andelfingen. Schweiz. Z. f. Obst- u. Weinbau, No. 14, p. 240-242. July 7, 1945. 80 Sch9
- 23944 SCHWEISHEIMER, W. Mustard: its use and history. Spice Mill 68(9): 39-40. Sept. 1945. 389.8 Sp4
- 23945 \*SINGH, L. Vinegar manufacture for home use. Punjab Fruit J. 6: 1106-1108. Jan. 1942. 80 P962
- 23946 \*SINGH, L., SADASIVAN, T. S., and CHOPRA, I. Wine and cider making. Punjab Fruit J. 8: 23-24, 25. Jan. 1944. 80 P962
- 23947 LA SITUACIÓN de la industria vitivinícola. Vinos, Viñas y Frutas 41: 6-16. July 1945. 9 Ag89  
Survey of wine industry in Argentina.
- 23948 WEBB, A. H., and TANNER, F. W. Effect of spices and flavoring materials on growth of yeasts. Food Res. 10: 273-282. July/Aug. 1945. Ref. 389.8 F7322

## DAIRY PRODUCTS

- 23949 ABBOTT, F. H. Dairy law offers postwar stability. Calif. Milk News 25(22): 3, 10. Aug. 31, 1945. 44.8 C124  
Explains new California dairy education, research and advertising bill.
- 23950 ACKERMAN, H. A. 14 points for post-war ice cream plant operation. Ice Cream Trade J. 41(8): 39, 76-79. Aug. 1945. 389.8 Ic2
- 23951 \*BELOTTI, E. Il latte per la nazione può essere aumentato? Azione Vet. 11: 205-206. Sept. 30, 1942. 41.8 Az3
- 23952 BLANFORD, C. J. Post-war problems of production and marketing. Amer. Butter Rev. 7: 280, 282, 284, 288. Sept. 1945. 44.8 Am37  
Dairy industry of New York.
- 23953 \*BOEGER. Die landfrau an die front der milcherzeugungsschlacht! Landesbauernschaft Moselland. Wchnbl., No. 13, p. 149. Mar. 25, 1944. 18 L2328
- 23954 \*BORKENHAGEN, E. An den letzten betriebl. Neue wege der milcherfassung. Landesbauernschaft Moselland. Wchnbl., No. 12, p. 136. Mar. 18, 1944. 18 L2328
- 23955 CAMERON, W. C. The importance of the work of the Canadian cheesemaker. Canad. Dairy and Ice Cream J. 24(8): 56, 58. Aug. 1945. 44.8 C162
- 23956 COLLISON, C. F. Cows, creameries, contentment and cash in the bank, too. Com. West 90(13): 12. Sept. 29, 1945. 286.8 C733  
Dairy industry of Minnesota.
- 23957 CONTROL of milk industry [Great Britain]; the boards and distribution; second of four articles by "Scotia." Farming News and North Brit. Agr. 97(35): 13. Aug. 24, 1945. 10 N82
- 23958 COWLES, F. U. S. soldiers in Newfoundland find farms like those at home. South. Stockman 5(9): 74, 76, 78. Sept. 1945. 49 So83  
Dairy farming in Newfoundland.
- 23959 DELPECH, R. P. El Centro de la Industria Lechera auspició una reunión de vinculación técnica y profesional. Fed. Argentina de Coop. Tamberas. Rev. 4(48): 35-38. (Cont.) July 1945. 280.28 F31
- 23960 DOW, G. F. The dairy situation. Maine. Agr. Col. Ext. Farm Econ. Facts, No. 59, p. 1309-1312, processed. Aug. 1945. 275.29 M281F
- 23961 DRIED milk in Britain, by an official of Britain's Ministry of Food. Milk Plant Monthly 34(9): 23, 55, 61. Sept. 1945. 44.8 C864



- 23962 FUTURE of milk demand [in Scotland]; producers' control, subsidies and retail parity; third of four articles by "Scotia." *Farming News and North Brit. Agr.* 97(36): 13. Aug. 31, 1945. 10 N82
- 23963 GRAY, W. Water supply and milk production. *Dairy Indus.* 10: 572-577. (To be cont.) Aug. 1945. 44.8 D1427
- 23964 HASKELL, W. B. Outlook and comment on New England dairy industry. *Yankee Food Merchant* 5 (7): 4-5. Aug. 1945. 286.83 Y1
- 23965 HIRSCH, D. E. Cheese as a shock absorber. *News for Farmer Coops.* 12(6): 7-8. Sept. 1945. 166.2 N47
- 23966 HUDGINS, R. B. Less tobacco, more milk for Appomattox. *Va. Agr. Col. Ext. Div. News* 27 (11): 4-5. Sept. 1945. 275.29 V81E
- 23967 HUTCHINS, T. S. New Zealand; the dairy farm of the British Empire. *Hoard's Dairyman* 90: 503, 524. Sept. 25, 1945. 44.8 H65
- 23968 LOUI, D. New Glarus celebrates centennial; Swiss start big cheese industry 100 years ago. *Prairie Farmer, Gen. Ed.* 117(18): 5. Sept. 1, 1945. 6 P883
- History of the Swiss settlement at New Glarus, Wis.
- 23969 MCCALLUM, MRS. A. E. The consumer view: can't get butter - so must have margarine. *Farmer [Pietermaritzburg]* 34(29): 1. July 20, 1945. 24 F227
- Urges permitting the manufacture of margarine.
- 23970 MACKENZIE, P. K. Ice cream again [in Great Britain] - under difficulties. *Milk Plant Monthly* 34(9): 34, 64-66. Sept. 1945. 44.8 C864
- 23971 MANDT, P. H. It can be done! Roberts Dairy of Nebraska builds business on whole milk receipts in a cream station territory. *Natl. Butter and Cheese J.* 36(10): 32-34, 76, 78, 80, 82. Oct. 1945. 286.85 B98Bu
- 23972 PLETCHER, F. H. Which will it be - butter or margarine? *Natl. Butter and Cheese J.* 36(10): 60-65. (Concl.) Oct. 1945. 286.85 B98Bu
- 23973 ROBERTS, B. Issues for the dairy industry. *New Zeal. Dairy Exporter* 20(12): 44-45. Aug. 1, 1945. 44.8 N484
- 23974 ROGERS, J. A. [Milk] production variation presents post-war problem. *Moos* 6(2): 8. Sept. 1945. 44.8 M47
- 23975 ROLT, J. C. Factores que gravitan en la producción. *Fed. Argentina de Coop. Tamberas. Rev.* 4(48): 19-21. July 1945. 280.28 F31
- 23976 RUEHE, H. A. The low-down on butter. *Food Indus.* 17: 1043, 1138, 1140, 1142. Sept. 1945. 389.8 F737
- 23977 SEVERSON, H. He grows milk checks. *Country Gent.* 115(9): 12, 64, 66. Sept. 1945. 6 C833
- Dairy farming in Marshall County, Ala.
- 23978 STITTS, T. G. The wartime dairy program. *Ice Cream Field* 46(2): 32, 34. Aug. 1945. 389.8 Ie23
- 23979 WIGAN, F. Some big dairying problems. *Austral. Dairy Rev.* 13(6): 6-8. (To be cont.) June 22, 1945. 44.8 Au73
- Analysis and Composition
- 23980 ANDERSON, E. B., and WILSON, G. S. The resazurin and methylene-blue tests as a measure of the keeping quality of milk. *J. Dairy Res.* 14: 21-27. Mar. 1945. 44.8 J823
- 23981 BARKWORTH, H. Laboratory tests for clean milk. Part 8. Methylene blue and resazurin tests. *Dairyman* 62: 249, 251, 253. Sept. 1945. 44.8 D1426
- 23982 BARNICOAT, C. R. Reactions and properties of annatto as a cheese colour. Part II. *J. Dairy Res.* 14: 59-63. Mar. 1945. 44.8 J823
- 23983 \*DASTUR, N. M. Butterfat. *Indian Farming* 6: 254-256. June 1945. 22 In283
- Includes the physical properties and keeping quality of ghee.
- 23984 DORSEY, L. M. Commercial composite milk sample technique. *Milk Dealer* 34(12): 68. Sept. 1945. 44.8 M595
- 23985 GAMERRELL, G. C., and OSTROLENK, M. Control of dust contamination in agar pour plate analysis of milk. *Food Res.* 10: 303-307. July/Aug. 1945. 389.8 F7332
- 23986 GIBSON, T., and ABDEL-MALEK, Y. The formation of carbon dioxide by lactic acid bacteria and *Bacillus licheniformis* and a cultural method of detecting the process. *J. Dairy Res.* 14: 35-44. Mar. 1945. 44.8 J823
- 23987 HIGGINBOTTOM, C. The technique of the bacteriological examination of dried milks. *J. Dairy Res.* 14: 184-194. Mar. 1945. 44.8 J823
- 23988 MATTICK, A. T. R., and others. The effect of temperature of pre-heating, of clarification and of bacteriological quality of the raw milk on the keeping properties of whole-milk powder dried by the Kestner spray process. *J. Dairy Res.* 14: 116-159. Mar. 1945. 44.8 J823
- Partial contents: Part I. Keeping properties: factors influencing stability, by C. H. Lea, J. D. Findlay, and J. A. B. Smith, p. 122-134; Part II. The effect of the various factors upon the bacterial (plate) count of the intermediate products and of the final powder, by A. T. R. Mattick, E. R. Hiscor, and E. L. Crossley, p. 135-144; Part III. Chemical, enzyme and vitamin determinations: A. Acidity, amylase, phosphatase and lipase, by E. L. Crossley; B. Vitamin stability: with observations on flavour development in the reconstituted milks, by S. Y. Thompson and S. K. Kon, p. 145-157; Appendix. Selection of raw milk supplies during the twice daily collection period by J. W. Egdell, p. 158-159.
- 23989 MORSTEDT, E. A. H. Instrucciones para al analisis de caseina. *Argentina. Min. de Agr. Almanaque* (1945) 20: 395-401. 9 Ag874
- 23990 NICHOLS, A. A., and WOLF, J. Z. The heat resistance of the bacteriophages of cheese starter with observations on the estimation of phage concentration. *J. Dairy Res.* 14: 93-100. Mar. 1945. 44.8 J823
- 23991 NICHOLS, A. A., and WOLF, J. Z. Observations on cheese starters with reference to bacteriophage and the phageorganism relationships of strains isolated. *J. Dairy Res.* 14: 81-93. Mar. 1945. 44.8 J823
- 23992 O'SHEA, M. J., and LYONS, J. Moisture, salt and curd in creamery butter. *Eire. Dept. Agr. J.* 42(1): 20-38. Mar. 1945. 10 Ir2J
- 23993 REID, A. W. The Gerber test in relation to sterilized milk. *Dairy Indus.* 10: 561-563. Aug. 1945. 44.8 D1427
- 23994 ROWLAND, S. J. The variations in the butterfat content of milk. *Home Farmer* 12(8): 8-10. Aug. 1945. 280.344 H75
- 23995 TURNER, G. E., and GRAHAM, V. E. Overrun and moisture control in Canadian creamery butter. *Canad. Dairy and Ice Cream J.* 24(8): 27-30, 50. Aug. 1945. 44.8 C162
- 23996 EL USO de los fermentos lácticos en leche-ría. Buenos Aires. *Dir. de Ganad. B. de Ganad.* 1(1): 18-23. (To be cont.) 1944. 49 B86
- Includes a classification of lactic bacteria prepared by Orla Jensen.
- Consumption and Utilization
- 23997 \*BELOTTI, E. La destinazione del latte per il consumo diretto, per le industrie casearie e per la zootecnia. *Azione Vet.* 10: 440-441. Dec. 15, 1941. 41.8 Az3
- 23998 CODONI, J. C. La madera y la caseina en la industria de los plasticos. *Argentina. Min. de Agr. Almanaque* (1945) 20: 137-140. 9 Ag874



Distribution, Marketing, and Transportation

23999 CASTAGNET, A. D., and ANDRADA, M. A. El expendio de leche cruda en la provincia; su reglamentación. Buenos Aires. Dir. de Ganad. B. de Ganad. 1(1): 12-15. 1944. 49 B86

24000 DOUGLAS, A. Payment for milk on quality basis; problems of a desirable system. Farming News and North Brit. Agr. 97(35): 3. Aug. 24, 1945. 10 N82

24001 DOW, G. F. The importance of continuing every-other-day delivery on retail milk routes. Maine Agr. Col. Ext. Farm Econ. Facts, No. 59, p. 1313, processed. Aug. 1945. 275.29 M281F

24002 FAWCETT, R. M. A single control for milk and its products ... advantages of co-operative marketing. Farmer's Weekly [Bloemfontein] 69: 1038. Aug. 1, 1945. 24 F225

24003 FINCH, C. D. Economic problems of control in the milk industry. Econ. Rec. 21(40): 79-88. June 1945. 280.8 Ec74

Milk marketing.

24004 KENDALL, F. P. Dairy advertising survey; specific appeals enumerated as being most resultful--pie chart aids in interpreting appeal for milk. Amer. Milk Rev. 7: 345-346. Sept. 1945. 44.8 Am38

24005 \*LOKI, H. S. R. Organization of cooperative ghee producers' societies. Indian Farming 6: 19-21. Jan. 1945. 22 In283

24006 SOCIETY OF DAIRY TECHNOLOGY. Discussion on transport. Dairy Indus. 10: 564-571. Aug. 1945. 44.8 D1427

Discussion of three papers on transportation of milk in tanks and churns published in the July 1945 issue of Dairy Industries.

Grading, Inspection, Standardization, and Quality

24007 ABBOTT, F. H. Why color of butter is standardized. Natl. Butter and Cheese J. 36(10): 56. Oct. 1945. 286.85 B98Bu

24008 ABBOTT, F. H. Why standardize the color of butter? Calif. Cult. 92: 496. Sept. 15, 1945. 6 C12

Similar title in Calif. Dairyman 25(14): 23, Sept. 1, 1945 (44.8 C12) and in Dairy World [Chicago] 24(4): 26-27, Sept. 1945 (44.8 D1423).

24009 CHRISTIAN, C. F. Standard health ordinance; a pattern for milk sanitation. Ohio Farmer 196(6): 8. Sept. 15, 1945. 6 Oh3

Use of the United States Public Health Service standard milk ordinance in Logan County, Ohio.

24010 ESTEFANELLO, C. N., and VITORIA, J. C. Forma en que se realiza la clasificación de manteca en la Dirección de Lechería. Argentina. Min. de Agr. Almanaque (1945) 20: 359-361. 9 Ag874

24011 FRANDSEN, J. H. High quality milk and cream. New England Homestead 118(18): 13. Sept. 22, 1945. 6 N442

24012 GLAZIER, L. R. The influence of fruits, flavors, nuts, and colors on the quality of ice creams. South. Dairy Prod. J. 38(3): 70-71. Sept. 1945. 44.8 So83

24013 GUNDLACH, G. P., and ESMOND, C. W. Good resolutions can now be put into effect. Milk Dealer 34(12): 56. Sept. 1945. 44.8 M595

On the need for improving milk quality.

24014 HARRISON, T. B., and ROBERTS, W. M. Matting of cottage cheese. South. Dairy Prod. J. 38(3): 54. Sept. 1945. 44.8 So83

24015 LINDQUIST, H. G. Tansy causes off-flavor in milk. New England Homestead 118(17): 12. Sept. 8, 1945. 6 N442

24016 MARRÉ, R. A. Ordenamiento técnico-económico de la industria lechera. Tambo y Chacra 16(623): 3-4. May 10, 1945. 44.3 T15

24017 SLATTER, W. L. Presenting the story of quality to the milk producer. (Sum.) Natl. Butter and Cheese J. 36(9): 41. Sept. 1945. 286.85 B98Bu

Prices, Price Control, and Rationing

24018 JOHNSON, S., and MANN, A. J. Butterfat differentials. Milk Plant Monthly 34(9): 30, 81, 86. Sept. 1945. 44.8 C864

Processing and Storage

24019 \*BETTE. Die erhitung der milch in sammelmolkereien; ihre bedeutung für die gesundheit der menschen und der tiere. Landesbauernschaft Moselland. Wchnbl., No. 1, p. 5. Jan. 1, 1945. 18 L2328

24020 CAVANAUGH, W. W. Pasteurization by high temperature-short time. Pt. I. Amer. Milk Rev. 7: 324, 353-354. (To be cont.) Sept. 1945. 44.8 Am38

24021 CAVANAUGH, W. W. Use of plate type heat exchangers in high temperature-short time pasteurization. Milk Dealer 34(12): 45-46, 96, 98. Sept. 1945. 44.8 M595

Also in Natl. Butter and Cheese J. 36(9): 38-39, 59-60, 62. Sept. 1945. 286.85 B98Bu

24022 CHAMBERLAIN, W. E. A pure milk supply. Tasmanian Farmer 8(9): 6-7. June 1945. 23 T186

Includes dairy sanitation.

24023 COX, G. A. The effect of acidity on the production of diacetyl by betacocci in milk. J. Dairy Res. 14: 28-35. Mar. 1945. 44.8 J823

Limited to Streptococcus citreus and Streptococcus paracitrovorus.

24024 CROSSLEY, E. L. Spray-dried milk powder. Commercial observations over two years of the effect of high-temperature pre-heating. J. Dairy Res. 14: 160-164. Mar. 1945. 44.8 J823

24025 CUTTELL, J. R. Cream-line and high-temperature short-time pasteurization. Dairy Indus. 10: 555-560. Aug. 1945. 44.8 D1427

24026 \*DINSA, H. S. Guava cheese. Punjab Fruit J. 6: 1095. Jan. 1942. 80 P962

24027 ERB, J. H. Recent research on shrinkage in ice cream. Austral. Milk & Dairy Prod. J. 12(6): 5. June 1945. 44.8 Au72

24028 FINDLAY, J. D., SMITH, J. A. B., and LEA, C. H. Experiments on the use of antioxidants in spray-dried whole-milk powder. J. Dairy Res. 14: 165-175. Mar. 1945. 44.8 J823

24029 FRISCHKNECHT, C. Use of dried eggs in ice cream. Amer. Egg & Poultry Rev. 6: 432, 436-437. Aug. 1945. 47.8 Am38

24030 GELPI, A. J., and KENNEDY, P. G. Dehydrated sweet potato flour in ice cream. South. Dairy Prod. J. 38(3): 38-39, 46. Sept. 1945. 44.8 So83

24031 GELPI, A. J., JR., and KENNEDY, P. G. Sweet potato flour—a good stabilizer for ice cream. Dairy Res. Digest [La. Sta.] 3(3): 2. Sept. 1945. 44.8 D1429

24032 HISCOX, E. R. The effect of the method of reconstitution and of the temperature of incubation on the plate count of spray-dried milk powder. J. Dairy Res. 14: 175-183. Mar. 1945. 44.8 J823

24033 HOLM, G. E. The manufacture of dried milks. Hoard's Dairyman 90: 502, 511. Sept. 25, 1945. 44.8 H65

24034 LEEDER, J. G. Preservation of fluid milk by concentrating and freezing. Pa. State Col. Abs. Doct. Diss. 7: 127-131, processed. 1944. 214.8 P38

24035 MASUROVSKY, B. I. The importance of fruits in sherbets. Ice Cream Trade J. 41(8): 52, 60. Aug. 1945. 389.8 Ic2

24036 \*PÁEZ, C. El queso de Roquefort. Gaudería [Madrid] 3: 100-102. Feb. 1945. 49 G15

24037 RIVAS H., J. G. Elaboración de quesos; instrucciones para la preparación de quesos de pasta semi-blanda para postre. (2ª parte.) Pampa Argentina 19(215): 14, 18. July 1945. 9 P19

24038 ROUSSET-HALL, O. DE, and INGRAM, M. Quick soluble milk blocks. Food Manufacture 20: 331-333. Sept. 1945. 389.8 F736



24039 TROUT, G. M. Good [dairy] plant house-keeping; benefits and economies to be derived through proper attention to sanitation and orderliness. Amer. Butter Rev. 7: 261-262. Aug. 1945. 44.8 Am37

24040 \*TURIGANO, F. F. El problema higiénico de la leche. Ganadería [Madrid] 3: 153-155. Mar. 1945. 49 G15

24041 VINCENT, W. Dairy farmers acquainted with 'bad practices' found in dairy industry. Cheese Rptr. 69(52): 4. Aug. 24, 1945. 44.8 Sh3  
Milk sanitation.

24042 WHITEHEAD, H. R., and HUNTER, G. J. M. Bacteriophage infection in cheese manufacture. J. Dairy Res. 14: 64-80. Mar. 1945. 44.8 J823  
In cheese starters.

#### Statistics

24043 DAVE, C. V. Summer milk-production in the South-west [England]. Farm Econ. 4: 124-127. July/Dec. 1944. 281.8 F223  
Statistical.

24044 MARSHALL, J., JR., GHIGOILLE, O. A., and SCOTT, G. A. California dairy industry statistics for 1944; manufactured dairy products, milk production, utilization, and prices. Calif. Crop and Livestock Rptg. Serv. Spec. P. 210, 36 p. Sacramento, 1945. 2 C121S

U. S. Bureau of Agricultural Economics cooperating.

24045 RABUFFO, V. M. 1944 gallonage. Ice Cream Trade J. 41(8): 24-26, 64-66, 68, 70. Aug. 1945. 389.8 Ic2

Official figures on the production of ice cream, sherbets, and frozen dairy products during last year.

24046 U. S. BUREAU OF AGRICULTURAL ECONOMICS. Statistics relative to the dairy industry in New York State, 1944. 35 p., processed. Albany, N. Y., 1945. 281.3449 N48

New York State Dept. of Agriculture and Markets cooperating.

#### FEED AND FORAGE CROPS

24047 BRYAN, A. E. United Kingdom hay crop conditions. Canada. Dept. Trade and Com. Com. Intel. J. 73: 224-225. Sept. 8, 1945. 286.8 C16

24048 CASKEY, C. D. The outlook for vital ingredients and feed supplies for 1945. Md. Agr. Soc.--Md. Farm Bur. Rpt. (1944) 29: 199-202. 1945. 4 M366

24049 FOSTER, J. Sales promotion in the feed field. Feedstuffs 17(36): 16-18. Sept. 8, 1945. 286.81 F322

24050 FRANCIS, M. Peacetime problems. Feedstuffs 17(39): 17, 18. Sept. 29, 1945. 286.81 F322  
In the feed industry.

24051 \*HEIMING. Der Futtervoranschlag sichert die leistungen im viehstall. Landesbauernschaft Moselland. Wchnbl., No. 44, p. 798. Oct. 31, 1942. 18 L2328

24052 MCINTOSH, O. O. Feeds and costs. Flour & Feed 46(4): 10. Sept. 1945. 298.8 F66  
Feed prices.

24053 MAHONEY, J. A review of the live stock feeding position. (Broadcast.) Irish Agr. and Cream. Rev. (n. s.) 14(140): 18-20. Aug. 1945. 44 C866

24054 MINNESOTA. DEPT. OF AGRICULTURE, DAIRY AND FOOD. DIVISION OF FEED AND FERTILIZER CONTROL. Annual feed bulletin, 26th, 384 p. St. Paul, 1944. 389.49 M662

24055 MONTGOMERY, G. Stronger feed grain prices predicted. Feedstuffs 17(35): 10. Sept. 1, 1945. 286.81 F322

24056 PECK, L. "Take time to think!" Amer. Miller and Processor 73(9): 64. Sept. 1945. 298.8 Am32

Effect of war on the manufactured feed industry.

24057 SHOSTECK, R. Feed store study. Flour & Feed 46(4): 14. Sept. 1945. 298.8 F66

24058 TURK, K. L. Use feed supplies wisely this winter. Dairymen's League News 29(20): 6, 16. Sept. 25, 1945. 44.8 D1432

24059 WARD, G. H. The feeding outlook. Va. Farm Econ., No. 78, p. 955. Sept. 1945. 275.29 V813

24060 WEBSTER, B. C. Buffalo beats in blizzard battle. Cackle and Crow 27(11): 10. Sept. 1945. 47.8 C11

Transportation of poultry feed.

24061 WEST VIRGINIA. DEPT. OF AGRICULTURE. Report of inspection work, 1943-1944, commercial feeding stuffs. W. Va. Dept. Agr. B. (n. s.) 38, 22 p. Charleston, 1944. 2 W522

24062 WEST VIRGINIA. DEPT. OF AGRICULTURE. West Virginia commercial feeding stuffs regulations. W. Va. Agr. B. (n. s.) 44, 16 p. Charleston, 1945. 2 W522

#### FIBERS AND TEXTILES

24063 ACKERMAN, F. E. Proposed reduction of domestic wool prices. Sheep and Goat Raiser 25(12): 40. Sept. 1945. 45.8 Sh3

24064 ADAIR, W. New price-basis for wool; auctions with reserve minimum terms. Farming News and North Brit. Agr. 97(37): 3. Sept. 7, 1945. 10 N82

24065 THE ARGENTINE textile industry; an outline of its development and estimate of its prospects. Rev. River Plate 99(2797): 14-16. July 20, 1945. 286.8 R32

Translation of part of a report on Argentina's leading industries issued by the Economic Investigations Department of the Central Bank of Argentina.

24066 ASTBURY, W. T. The science of fibres. Internatl. Indus. (n. s.) 26: 161-162. May 1945. 382 In8

Includes synthetic fibers.

24067 \*ASTBURY, W. T. Types of man-made fibres. Indian Textile J. 55: 708-710. July 1945. 304.8 In2

24068 \*B., W. A series of pictures on the working of hemp in the 18th century. Ciba Rev., No. 49, p. 1791-1792. Apr. 1945. 306.8 C48

24069 BARRAGELATA, R. E. Las perspectivas de una conferencia internacional del algodón. Argentina. Dir. de Algodón. B. Mens., No. 111/112, p. 319-321. July/Aug. 1944. 72.9 Ar3

24070 BELLWOOD, L. The woollen industry; post war problems. Textile Rec. 63(750): 42-43. Sept. 1945. 304.8 T311

24071 BENNETT, H. G. Between the cotton rows. Okla. Cotton Grower 24(5): 1-2. Sept. 15, 1945. 72.8 Ok4

Chiefly on cotton research.

24072 BORGHETTI, H. C. Effects of textile auxiliaries on fibers. Textile Res. J. 15: 316-320. Sept. 1945. 304.8 T293

24073 BOYD, D. T. The wool industry. West Austral. Wheatgrower 14(49): 1. Mar. 29, 1945. 23 W523

24074 BRAVO, A. F. El cultivo del algodón en Corrientes. Argentina. Dir. de Algodón. B. Mens., No. 111/112, p. 322-328. July/Aug. 1944. 72.9 Ar3

24075 BRIGGS, F. A. Revamping Southern agriculture. Farm and Ranch 64(9): 22. Sept. 1945. 6 T31

Chiefly on cotton.

24076 \*BROATCH, J. Cotton in the van of progress. New contributions from research in Great Britain. Indian Textile J. 55: 735-736. July 1945. 304.8 In2

24077 BRYAN, A. E. United Kingdom Government policy for the cotton industry. Canada. Dept. Trade and Com. Com. Intel. J. 73: 223-224. Sept. 8, 1945. 286.8 C16



- 24078 CAVANEY, B., FOSTER, G. A. R., and GREGORY, J. The measurement of the weight variations in cotton rovings and yarns. Brit. Cotton Indus. Res. Assoc. Shirley Inst. Mem. 19: 153-168. June 1945. 72.9 B773
- Also in Textile Inst. J. 36: T197-T212. Aug. 1945. 73.9 T31
- 24079 \*CHOUDHURY, S. D. Sunn-hemp fibre. Indian Farming 6: 26-27. Jan. 1945. 22 In283
- Cultivation and processing.
- 24080 CLEYN, F. E. Movies employed to trace worsted-yarn defects. Textile World 95(9): 171, 226, 229. Sept. 1945. 304.8 T315
- 24081 CONFERENCE on "A Universal Yarn Count System." Textile Inst. J. 36: P97-P126. Aug. 1945. 73.9 T31
- Contents: Report of discussion, p. P97-P101; A common numbering system for yarns, with special reference to cotton and the Grex system, by F. P. Slater, p. P103-P108; Plain cotton yarns and fancy yarns, by H. G. Greg, p. P108; Worsed yarn production, by J. E. Garrett, p. P109-P110; Rayon and a universal system of yarn numbering, by A. E. Delph, p. P110-P112; Rayon notes, by A. Scholes, p. P112-P114; Spun silk and a standard system, by R. W. Forrester, p. P114-P117; Silk notes, by W. R. Wadsworth, p. P117; Best fibre spinning, by H. L. Parsons, p. P117-P119; Cordage and twines, by H. A. Elkin, p. P119-P122; A diameter basis suggested, by F. N. King, p. P122-P124; Hosiery notes, by G. T. Littlefair, p. P124-P125; Cloth structure and a universal system, by E. Brown, p. P125; Yarn count systems, p. P126.
- 24082 CORONADO, M. J. Los cruzamientos y la producción de lana. Argentina. Min. de Agr. Almanaque (1945) 20: 319-320. 9 Ag874
- 24083 CUTHBERTSON, W. R., PHILLIPS, H., and LINDLEY, H. The action of alkalis on wool. Biochem. J. 39(1): 7-23. 1945. 382 B52
- Contents: I. The subdivision of the combined cystine into two fractions differing in their rate and mode of reaction with alkalis, by W. R. Cuthbertson and H. Phillips; II. The identity of the lanthionine-forming and bisulphite-reactive fractions of the combined cystine of wool, by H. Lindley and H. Phillips.
- 24084 DEDMAN, J. J. Wool in our [Australia's] post-war economy; research and public education on behalf of most valuable fibre. Farmer and Settler 40(28): 17. Aug. 10, 1945. 23 F226
- 24085 EVERETT, C. K. The challenge confronting cotton. Fibre and Fabric 98(3162): 6-8. Sept. 8, 1945. 304.8 F44
- 24086 FOSTER, G. A. R., and MARTINDALE, J. G. The form and length of the drafting wave in cotton rovings. Brit. Cotton Indus. Res. Assoc. Shirley Inst. Mem. 19: 210-221. June 1945. 72.9 B773
- 24087 FOSTER, G. A. R. The investigation of periodicities in the products of cotton spinning; the drafting wave. Brit. Cotton Indus. Res. Assoc. Shirley Inst. Mem. 19: 160-182. June 1945. 72.9 B773
- Irregularities in slivers and rovings.
- 24088 FOSTER, G. A. R., GREGORY, J., and WOMERSLEY, J. R. Some calculations relating to the arrangement of fibres in slivers and rovings. Brit. Cotton Indus. Res. Assoc. Shirley Inst. Mem. 19: 197-209. June 1945. 72.9 B773
- 24089 GRAHAM, E. H. Study of production problems [in Australia] to help golden fleece. Farmer and Settler 40(28): 13. Aug. 10, 1945. 23 F226
- 24090 GRANDSTAFF, J. O. Evaluating fleece quality of Navajo sheep from small samples. J. Agr. Res. 71: 183-192. Sept. 1, 1945. 1 Ag84J
- Result of fleece-sampling test conducted at Southwestern Range and Sheep Breeding Laboratory, Fort Wingate, N. Mex.
- 24091 \*GULATI, A. N., and AHMAD, N. The maturity of cotton fibre. Indian Farming 6: 9-11. Jan. 1945. 22 In283
- 24092 GUTHRIE, J. F. Australia's greatest industry and asset is wool, basis of a sound economy. Farmer and Settler 40(28): 14. Aug. 10, 1945. 23 F226
- 24093 HARVESTING and dam-retting flax. North. Ireland. Min. Agr. Monthly Rpt. 20: 108-109. Aug. 1945. 256.13 Ag82M
- 24094 HAWKINS, R. S. High cost of late picking. Ariz. Farmer 24(18): 3, 30. Sept. 22, 1945. 6 Ar44
- Effect upon grade and spinning value of cotton and means of preventing excessive field exposure.
- 24095 HU, C. L. A plan for rehabilitation of the cotton industry in China during the post-war period. Amer. Soc. Agron. J. 37: 619-621. Aug. 1945. 4 Am34P
- 24096 JACOB, A. W. Quality program best approach. Okla. Cotton Grower 24(5): 1. Sept. 15, 1945. 72.8 Ok4
- Problems of the cotton industry.
- 24097 KEMPSKI, C. E. El ramio en la Argentina. Chacra 15(178): 10-11. Aug. 1945. 9 C34
- 24098 KIENLE, R. H., ROYER, G. L., and MCCLEARY, H. R. Effect of variations in wool on wool dyeing. Rayon Textile Monthly 26: 408-412. (To be cont.) Aug. 1945. 304.8 R21
- 24099 LAIRD, G. A. Wool - "The raw material." Textile J. Austral. 20: 225-227. July 20, 1945. 304.8 T3134
- Handling.
- 24100 LANDERS, L. A. New field for cotton mills in synthetic fibers. Cotton [Atlanta] 109: 104-106. Sept. 1945. 304.8 C823
- 24101 LENNOX, F. G., MAXWELL, M. E., and ELLIS, W. J. Fellmongering investigations: papers I. to XII. Austral. Council Sci. and Indus. Res. B. 184, 232 p., processed. Melbourne, 1945. 514 Au72B
- Contents: A review of the fellmongering industry in Australia, by F. G. Lennox, p. 9-44; A physical method of following the loosening of wool on sheepskins, by F. G. Lennox, p. 45-55; The bacterial flora of sheepskins, by M. E. Maxwell, p. 57-87; Bacteria responsible for the loosening of wool on sheepskins, by M. E. Maxwell, p. 89-116; The removal of dissolved oxygen from soak water by sheepskins, by W. J. Ellis, p. 117-123; Studies of the soaking operation, by F. G. Lennox, W. J. Ellis, and M. E. Maxwell, p. 125-141; The effect of temperature on the rate of sweating, by F. G. Lennox and M. E. Maxwell, p. 143-153; Ammonia in relation to the sweating of sheepskins, by F. G. Lennox, M. E. Maxwell, and W. J. Ellis, p. 155-165; The wool-loosening activity of ammonia and some related compounds, by F. G. Lennox, p. 167-193; Treatments which tighten the wool on sheepskins, by F. G. Lennox, p. 195-206; The recovery of wool from skin pieces by digestion with mould protease or papain, by F. G. Lennox, p. 207-226; Histological studies on the wool root, by W. J. Ellis, p. 227-232.
- 24102 LOCKYEAR, C. W. Can "natural" wool compete with "artificial" wool. Wool production in Australia. Country Life [Sydney] 56(54): 15. July 27, 1945. 286.85 Sy2
- 24103 MCGREGOR, H. W. Preparation and sale of wool clip; branding of wool. Country Life [Sydney] 56(53): 9. (To be cont.) July 20, 1945. 286.85 Sy2
- 24104 MCGREGOR, H. W. Preparation and sale of wool clip; branding of wool; Bradford practice. Country Life [Sydney] 56(54): 13. July 27, 1945. 286.85 Sy2
- 24105 MCGREGOR, H. W. Presence of branding points in wool. Primary Prod. [Perth] 30(29): 2. July 19, 1945. 23 P932
- 24106 MACSMITH, B. Women know value of wool industry to Australia. Farmer and Settler 40(28): 17. Aug. 10, 1945. 23 F226
- 24107 MANN, M. G. [Cotton prices.] Mid-South Cotton News 23(10): 1. Sept. 1945. 72.8 C8295



- 24108 \*MARFATIA, K. R. Recent changes in futures trading in cotton. *Indian Textile J.* 55: 611-616. June 1945. 304.8 In2
- 24109 MATHER, W. H. Co-operative approach to wool problems advocated. *Farmer and Settler* 40(28): 18. Aug. 10, 1945. 23 F226
- 24110 MATHER, W. H. New complex needed on wool handling. *Tasmanian Farmer* 8(10): 6. July 1945. 23 T186
- 24111 \*MEHTA, L. R. Distribution of Indian textile production. *Indian Textile J.* 55: 705-707. July 1945. 304.8 In2
- 24112 MENKART, J., and SPEAKMAN, J. B. Scaliness of wool fibres. *Nature [London]* 156: 143. Aug. 4, 1945. 472 N21
- 24113 MEREDITH, R. A comparison of the tensile elasticity of some textile fibres. *Textile Inst. J.* 36: T147-T164. July 1945. 73.9 T31
- 24114 MERRILL, G. R. Effect of twist on cotton yarn diameter. *Lowell Textile Inst. B. Ser.* 49, No. 1, 3 p. Lowell, Mass., 1945. 73.9 L95B
- 24115 MONTGOMERY, W. S., and LANIER, J. L. "Zellwolle" replaces cotton in German textiles. *Cotton [Atlanta]* 109: 103, 106. Sept. 1945. 304.8 C823
- 24116 \*MORAIS, M. C. O problema lanar português. *Assoc. Cent. da Agr. Portug. B.* 37: 15-29. July/Sept. 1943-Oct./Dec. 1944. 15.5 L68
- 24117 OLIVER, J. G. World rayon production and consumption. *Silk & Rayon* 19: 924-925. Sept. 1945. 304.8 S132
- 24118 PHELPS, J. Frictional properties of wool fibres. *Nature [London]* 156: 268-269. Sept. 1, 1945. 472 N21
- 24119 \*PONNIAH, J. S. Accuracy of estimates of yields of Indian cotton forecasts with special reference to the Madras cotton crop. *Madras Agr. J.* 32: 78-82. Mar./Apr. 1944. 22 M262
- 24120 RAZEE, A. H. Relatively new chemical aids wool scouring. *Textile World* 95(9): 155, 157, 230, 232, 234. Sept. 1945. 304.8 T315
- 24121 \*RIBEIRO, E. DE Q. As fibras rivais do algodão. *Soc. de Geog. de Lisboa. B.* 63, p. 207-215. May/June 1945. 506 L68
- 24122 \*ROMAGNOLI, M. La ramia. *R. Ist. Agron. per l'Africa Ital. Relaz. e Monog. Agr.-Colon.*, No. 71, 253 p. Firenze, 1944. 16 Is7  
Bibliografia, p. 238-241.  
Cultivation, characteristics and processing of the fiber, and other aspects of the industry.
- 24123 ROY, G. La magie du coton. *B. des Agr.* 41(9): 8-10, 26, 28. Sept. 1945. 7 B872  
Cotton textile manufacture in Canada.
- 24124 \*SCHAEFER, G. The cultivation and preparation of flax. *Ciba Rev.*, No. 49, p. 1773-1777. Apr. 1945. 306.8 C48
- 24125 \*SCHAEFER, G. Hemp. *Ciba Rev.*, No. 49, p. 1779-1788. Apr. 1945. 306.8 C48  
History, cultivation, and processing.
- 24126 \*SCHAEFER, G. On the history of flax cultivation. *Ciba Rev.*, No. 49, p. 1762-1771. Apr. 1945. 306.8 C48
- 24127 SCHIFFMAN, E. G. The future of cotton and cotton cooperatives. *News for Farmer Coops.* 12(6): 12-14, 16. Sept. 1945. 166.2 N47
- 24128 \*SHAH, M. H. Indian wool industry; noteworthy experiment at Patan. *Indian Textile J.* 55: 628-632. June 1945. 304.8 In2
- 24129 SKINNER, B. G., and VICKERSTAFF, T. The absorption of acid dyes by wool, silk, casein fibre and nylon. *Soc. Dyers and Colourists J.* 61: 193-201. Aug. 1945. 306.8 S1
- 24130 SMITH, G. War-time wool classing. *Australian Farmers' News* 7(305): 1. Aug. 23, 1945. 280.28 W523
- 24131 SMITH, H. D. Textiles fibers; an engineering approach to their properties and utilization. *Rayon Textile Monthly* 26: 389-393. Aug. 1945. 304.3 R21
- 24132 SMITH, R. I. Automatic wool oiling. *Textile Mfr.* 71: 320. Aug. 1945. 304.3 T3126
- 24133 SOBRE la producción de fibras textiles hace consideraciones el Ministerio de Agricultura; ensayos sobre el cultivo del formio y aprovechamiento de la paja de lino. *Bolsa de Cereales, Buenos Aires, Rev.* 32(1710): 1. July 21, 1945. 287 B866
- 24134 SPERONI, J. C., and HELMAN, M. B. Lanas meduladas; selección por el método del benzol-test. *Suelo Argentino* 4: 422-423. (Cont.) July 1945. 9 Su2
- 24135 TISDALE, W. H. J. B. C. wools grade high; good enough to compete anywhere. *Country Life [Vernon]* 29(9): 19. Sept. 1945. 7 C832
- 24136 UNGER, H. F. Ramie—the wonder fiber. *Forbes* 56(6): 19. Sept. 15, 1945. 280.8 F74
- 24137 WALSH, C. L. New products from sisal. *Internat'l. Indus.* 25: 414-415. Dec. 1944. 382 In8
- 24138 WHITFORD, A. C. The South American cameloids. *Textile Age* 9(8): 70, 72, 74. (To be cont.) Aug. 1945. 304.8 T3132  
Second of a series of articles on animal fibers.
- 24139 WITHERS, D. F. *Country Life Wool Annual.* *Country Life [Sydney]* Sup. 11, 10 p. Aug. 3, 1945. 286.85 Sy2
- 24140 ZELLIK, G. The woolen industry—America's new problems. *Textile Age* 9(8): 92, 94-95. Aug. 1945. 304.8 T3132

## FRUITS, VEGETABLES, AND NUTS

- 24141 \*ANTUNES, F. D. Hortas da várzea de Loures. *Junta Nac. das Frutas. B.* 4(11): 14-17. (To be cont.) Nov. 1944. 286.3939 F83  
An economic study.
- 24142 ARMSTRONG, G. C. Maize production in Australia. *Rural Bank N. S. Wales. Farm Front* 3: 97-99. July 1945. 281.9 R883
- 24143 ASHTON, J. Rio Grande Valley, yesterday and today. *Farm and Ranch* 64(10): 1, 39-40. Oct. 1945. 6 T31  
On the citrus industry in the Rio Grande Valley.
- 24144 BALZAROTTI, E. Fecula de yuca. *Vida Rural* 6(72): 24. (To be cont.) July 1945. 9.4 V66
- 24145 BOND, G. E. State potato industry grows. *R. I. State Col. Ext. Better Rural Life* 6(9): 3-4. Sept. 1945. 275.29 R34B
- 24146 BUSKIRK, R. J. Vegetables by air well-comed; tomatoes and corn bring highest market prices. *Fla. Grower* 53(9): 12. Sept. 1945. 80 F6622
- 24147 \*DESEUE, A. Le vignoble du Levant. *Off. Internat'l. du Vin. B.* 18 (167/170): 14-24. Jan./Apr. 1945. 390.8 B87
- 24148 FULLERTON, A. Nova Scotia apple crop estimated at 335,000 barrels. *Farmer's Advocate and Home Mag.* 80: 701. Sept. 27, 1945. 7 F22
- 24149 FULTON, S. M. Post war plans for fruit crops in Maryland. *Md. Agr. Soc.—Md. Farm Bur. Rpt.* (1944) 29: 120-121. 1945. 4 M366
- 24150 HOARD, W. R. Great apple crop will soon roll to market. *Wash. Farmer* 80: 481. Sept. 20, 1945. 6 R151  
Apple crop in Washington State.
- 24151 HOWIE, H. D. The Australian lexia crop. *Austral. Dried Fruits News* 21(6): 14. June 1945. 286.83 Au72
- 24152 JOHNSON, G. B. Scottish seed potatoes. *Canada. Dept. Trade and Com. Com. Intel. J.* 73: 226. Sept. 8, 1945. 286.8 C16
- 24153 \*KOHLI, K. L. Classified directory of firms supplying fruit products and fruits. *Punjab Fruit J.* 6: 1115. Jan. 1942. 80 p962



- 24154 \*KUNZ. Der nachweis der erfüllten ablieferungspflicht für kartoffeln im wirtschaftsjahr 1942-43. Landesbauernschaft Moselland. Wchnbl., No. 48, p. 870. Nov. 28, 1942. 18 L2328
- 24155 MAIN, A. D. C. Handling the potato crop. Scot. Farmer 53: 926. Sept. 1, 1945. 10 Sco8
- 24156 MARAIS, J. G. Boer pumpkins. Farming in So. Africa 20: 415-418, 448. July 1945. 24 So842
- Includes marketing and storage.
- 24157 MICHIGAN POTATO GROWERS EXCHANGE, INC. Report of the general manager. Mich. Potato Growers Exch. 25(11): 1, 3-4. Sept. 1945. 75.8 M58
- 24158 NEW ENGLAND CRANBERRY SALES CO. Annual report, 1944/45, 29 p. Middleboro, Mass., 1945. 81 N442
- 24159 ORTIZ, G. V. El decreto N° 17.115, su importancia para los productores de frutas. Argentina Min. de Agr. Almanaque (1945) 20: 229-230. 9 Ag874
- Regulates operations in the fruit industry.
- 24160 PARKER, C. O. Trends in tomato production and utilization. Agr. Situation 29(9): 20-23. Sept. 1945. 1 Ec7Ag
- 24161 PESTONIT, S. Fruticultura, fuente de riqueza [Cuba]. Tierra Libre 9(9): 4. (To be cont.) Sept. 1945. 8 T443
- 24162 PIPER, W. E. New England apple crop shows decrease for 1945. New England Grocery and Market Mag. 13(11): 33-34. Sept. 1945. 286.83 N44A
- 24163 POWELL, H. R. 1944-45 apple and pear crops and estimates of production of other fruit crops grown in Western Australia. West. Austral. Dept. Agr. J. (ser. 2) 22(1): 25-29. Mar. 1945. 23 W52J
- 24164 \*SCH., A. Die 1943er weinernte in den einzelnen weinbaugebieten. Landesbauernschaft Moselland. Wchnbl., No. 5, p. 55. Jan. 29, 1944. 18 L2328
- 24165 \*SCHMID, G. Die produktionsrichtung im schweizerischen obstbau. Schweiz. Z. f. Obst- u. Weinbau, No. 14, p. 244-248. July 7, 1945. 80 Sch9
- 24166 \*SCHNEIDER, E. Pflanzkartoffelerzeugung im kriege. Deut. Agrarpolitik 1: 162. Feb. 1943. 281.8 D48
- 24167 SCHREIBER, W. R. The world fig situation. Calif. Fruit News 112(2982): 4-5, 11. Sept. 1, 1945. 80 C12
- 24168 SCHRUMPF, W. E. The potato situation. Maine Agr. Col. Ext. Farm Econ. Facts, No. 59, p. 1304-1305, processed. Aug. 1945. 275.29 M281F
- 24169 \*SINGH, L. Annual report of the Punjab Fruit Development Board for the year ending 31st December, 1943. Punjab Fruit J. 8: 49-55. Apr. 1944. 80 P962
- 24170 \*SINGH, L., LAL, G., and JAIN, N. L. Citrus by-products. Punjab Fruit J. 8: 18-20. Jan. 1944. 80 P962
- 24171 SUTTON, R. D. Future of apple industry of Maritime Provinces. Marit. Farmer and Co-op. Dairyman 55(1): 17. Oct. 2, 1945. 7 C77
- 24172 TOUSLEY, R. D., and LEMONS, H. The Washington apple industry. II. Economic considerations. Econ. Geog. 21: 252-268. Oct. 1945. 278.8 Ec7
- 24173 URANN, M. L. [Cranberry] crop allocation still not settled. Cranberry Coop. News 6(8): 4-5. Aug. 1945. 280.2939 C850
- 24174 \*V., J. S. Impresión de la campaña naranjera 1943-44 en la zona Alcira-Carcagente. Agr. Levantino 10(115): 13-15. June 1944. 15 Ag85
- 24175 \*VOGLER, J. Ausweitung des kartoffelanbaues in unseren bäuerlichen betriebe. Landesbauernschaft Moselland. Wchnbl., No. 8, p. 85. Feb. 19, 1944. 18 L2328
- 24176 \*VOGLER, J. Zur kartoffelanbau-ausweitung! Sparsamste verwendung von kartoffel-pflanzgut! Landesbauernschaft Moselland. Wchnbl., No. 16, p. 183. Apr. 15, 1944. 18 L2328
- 24177 WALL, G. M. Nova Scotia apple growers face serious situation - Government assistance needed. Marit. Farmer and Co-op. Dairyman 50(24): 7. Sept. 18, 1945. 7 C77
- 24178 WATTS, W. S. The post-war vegetable industry. Pa. Farmer 133: 106-107. Sept. 8, 1945. 6 P383
- 24179 \*ZWEIFEL, R. Mostobstverwertung im herbst 1944. Schweiz. Z. f. Obst- u. Weinbau, No. 15, p. 261-264. July 21, 1945. 80 Sch9
- Apples and pears.
- Analysis and Composition
- 24180 \*MICHEL, A. Contribution à l'étude chimique des jus de raisin et des jus de fruits commerciaux. Off. Internatl. du Vin. B. 18(167/170): 34-54. Jan./Apr. 1945. 390.8 B87
- Consumption and Utilization
- 24181 \*MANGAT, S. S. Use of mango pulp as source of colour in citrus squashes. Punjab Fruit J. 8: 72. Apr. 1944. 80 P962
- 24182 VALENTE, H. M. Colorantes vegetales. Argentina. Min. de Agr. Almanaque (1945) 20: 157-159. 9 Ag874
- Distribution, Marketing, and Transportation
- 24183 BOUCHER, P. Production et vente des légumes. Rev. d'Oka 19: 139-141. July/Aug. 1945. 7 Ok1
- 24184 DONALDSON, R. B. The Philadelphia Vegetable Growers Cooperative Association. Market Growers J. 74(9): 17, 33. Sept. 1945. 6 M34
- 24185 FRANTZ, P. D. Marketing Pennsylvania potatoes. Guide Post 22(8): 13. Aug. 1945. 75.8 G94
- 24186 HAMILTON, H. G. Marketing problems after the war; price support, distribution and international trade as questions for citrus industry solution. Citrus 7(12): 6-7, 12-13. (To be cont.) Aug. 1945. 80 C498
- 24187 HINCHELIFFE, E. Fruit and vegetable marketing in the United Kingdom. Fruit-Grower, Fruiterer, Florist & Market Gard. 100: 144. (Cont.) Aug. 23, 1945. 80 F941
- 24188 LUDRICK, J. N. Selling berries cooperatively in Oklahoma. Market Growers J. 74(9): 8, 29-30. Sept. 1945. 6 M34
- The McLoud Blackberry Association, McLoud, Okla.
- 24189 OCHSE, W. Consumer reaction in A. & P. stores. Mo. State Hort. Soc. Proc. 1942/44: 39-40. Dec. 1944. 81 M692
- Consumer acceptance of tree-ripened peaches.
- 24190 REID, E. B. Seeking new markets for citrus. Citrus 8(1): 10-11, 15. Sept. 1945. 80 C498
- 24191 \*REIG FELIU, A. La "Tira de Contar." Agr. Levantino 10(115): 1-3. June 1944. 15 Ag85
- A vegetable market in Valencia.
- 24192 ROCHE, M. Consumers reaction in Kroger stores. Mo. State Hort. Soc. Proc. 1942/44: 38-39. Dec. 1944. 81 M692
- Consumer acceptance of tree-ripened peaches.
- 24193 SIMMONS, C. Those small sizes. Pacific Rural Press, South Ed. 150(5): 126. Sept. 1, 1945. 6 P112A
- Disposal of small-sized oranges.
- 24194 TUCILLO, F. J. Distribution of citrus fruit. Distrib. Age 44(9): 25-27, 77. Sept. 1945. 288.8 T68
- 24195 VAIL, B. B. Fresh fruits and vegetables. Yankee Food Merchant 5(7): 5. Aug. 1945. 286.83 Y1
- Distribution.
- 24196 VAN TUYLE, H., and RUMMELL, L. L. Post-war marketing of vegetables. Market Growers J. 74(9): 24. (Concl.) Sept. 1945. 6 M34
- 24197 WELCH, J. H. Progress in marketing Texas lemons. Tex. Farming and Citric. 22(2): 5. Aug. 1945. 80 T31



24198 YORK, C. M. Early cabbage, tomato growers find a better way to market through their own association. *Tenn. Farm Bur. News* 23(9): 7-8. Sept. 6, 1945. 275.293 Tenn.

History of the West Tennessee Truck Growers' Association.

Grading, Inspection, Standardization, and Quality

24199 WEBER, E. D. Now look at B. C. apples. *Rural Co-op.* 9(23): 3. Aug. 14, 1945. 280.28 R88  
Favorable marketing because of high quality.

Packing and Packaging

24200 MUTTER, J. L. Cuban market for box shooks. *Canada. Dept. Trade and Com. Intel.* J. 73: 269. Sept. 22, 1945. 286.8 C16  
For the manufacture of fruit and vegetable crates.

Prices, Price Control, and Rationing

24201 MILLER, C. R. Did the National Peach Council pay dividends? *Md. Agr. Soc.--Md. Farm Bur. Rpt.* (1944) 29: 145-148. 1945. 4 M366  
Chiefly on prices.

24202 RICE, W. S. Prune crop developing satisfactorily; early sugars bring \$130 a ton for fresh shipment; packers offer 10c bulk basis. *Sunsweet Standard* 39(3): 4-5. Aug. 1945. 286.83 Su7

Processing and Storage

24203 BAGBY, J. How cure and store Alabama sweetpotatoes. *This Month in Rural Ala.*, Sept. 1945, p. 5. 6 T34

24204 BAKER, G. L., POLLARI, V. E., and MURRAY, W. G. Cold-mix dehydrated fruit spreads: a report on a joint research project of the Quartermaster General's Office, U. S. Army, and the University of Delaware Agricultural Experiment Station, Newark, Delaware. *Fruit Prod. J. and Amer. Food Mfr.* 24: 356-360. Aug. 1945. 389.8 F94

24205 BEAVENS, E. A., and BOURNE, J. A. Commercial sulphiting practices; how dehydration plants in southern California treat carrots and cabbage with sulphite solutions to retain flavor, color and vitamin content. *Food Indus. 17: 1044-1045.* Sept. 1945. 389.8 F737

24206 BULLIS, D. E., and WIEGAND, E. H. Blanching experiments on frozen corn-on-the-cob. *Fruit Prod. J. and Amer. Food Mfr.* 24: 361-367, 377. Aug. 1945. 389.8 F94

24207 BURTON, W. G. Mashed potato powder. III. The high-temperature browning of mashed potato powder. *Soc. Chem. Indus. J.* 64: 215-218. July 1945. 382 M31

24208 CALDWELL, J. S., and others. The dehydration of okra: variety and stage of maturity as factors in determining quality. *Canner* 101(17): 14-16, 22-24, 26. Sept. 22, 1945. 286.83 C16  
C. W. Culpepper, M. C. Hutchins, B. D. Ezell, and M. S. Wilcox, joint authors.

24209 CALDWELL, J. S. Varietal suitability in the dehydration of vegetables. *Food Packer* 26(10): 55-56, 58. (Cont.) Sept. 1945. 286.83 C165

24210 CLARK, J. H. Fruit varieties suitable for quick freezing. *Food Packer* 26(10): 66-67. Sept. 1945. 286.83 C165

24211 CLIFCORN, L. E. Research aids citrus canner; better orange juice goal of new cannery methods. *Fla. Grower* 53(9): 15, 20. Sept. 1945. 80 F6622

Experiments carried on by the research department of the Continental Can Company.

24212 GROCE, F. M. Aceitunas fermentadas. *Vinos, Viñas y Frutas* 41: 78-79. July 1945. 9 Ag89

24213 CRUESS, W. V., HOHL, L. A., and GLAZEWSKI, A. J. Freezing fruit juices proved practical. *Quick Frozen Foods* 8(1): 60-61, 80. (To be cont.) Aug. 1945. 389.8 Q4

24214 CRUESS, W. V., and GLAZEWSKI, A. J. A note on frozen apple juice. *Fruit Prod. J. and Amer. Food Mfr.* 25(1): 5, 27. Sept. 1945. 389.8 F94

24215 CRUESS, W. V. Syrups from grapes and raisins. *Fruit Prod. J. and Amer. Food Mfr.* 25(1): 19-21. Sept. 1945. 389.8 F94

24216 F. Storing ripe grapes. *Gard. Illus.* 64: 655. Sept. 1945. 80 G169

24217 FERNAND, PÈRE. L'entreposage des pommes. *Rev. d'Oka* 19: 99-138. July/Aug. 1945. 7 Ok1

24218 FOLEY, E. The case of fruit juice. *Crown* 34(9): 9-11, 21. Sept. 1945. 389.8 C88

24219 FRASER, H. The apple and pear harvest; hints on picking and storing. *Gard. Illus.* 64: 654-655. Sept. 1945. 80 G169

24220 \*GODINHO, M. A. DE C. C. Conservação caseira de produtos hortícolas. *Portugal. Junta Nac. das Frutas. B.* 4(11): 9-13. Nov. 1944. 286.3939 P83

24221 GRIGGS, H. H. Sweet potatoes the year round. *Farmers Guide* 101(18): 11. Sept. 15, 1945. 6 In2

Storage of sweetpotatoes.

24222 HASKINS, F. Food values and low cost juice processing B. C. fruits and vegetables investigated. *Country Life [Vernon]* 29(9): 25. Sept. 1945. 7 C832

24223 HAVIGHORST, C. R. How orange products are made from juice, pulp and peel. *Food Indus.* 17: 1022-1027. Sept. 1945. 389.8 F737

Operation of the California Fruit Exchange Orange Products Company's plants at Ontario, Calif.

24224 \*HAYAUX DU TILLY. Sur la conservation des pommes de terre. *Acad. d'Agr. de France. Compt. Rend.* 30: 163-164. Mar. 8/15, 1944. 14 P215Bc  
Transforming potato into powder form.

24225 \*HÖLLER. Was ist bei der aufbewahrung von pflanzkartoffeln zu beachten? *Landesbauernschaft Moselland. Wchnbl.*, No. 43, p. 780. Oct. 24, 1942. 18 L2328

24226 \*ISHAQ, M. Purity standards of water used for preparation of fruit and vegetable products. *Punjab Fruit J.* 8: 7-8. Jan. 1944. 80 P962

24227 KRAUS, J. E. Proper storage means good eats all season. *Idaho Farmer* 63: 481. Sept. 20, 1945. 6 Q282

Directions for storing vegetables.

24228 \*LAL, G., and JAIN, N. L. Dehydration of vegetables. *Punjab Fruit J.* 8: 38-41. Jan. 1944. 80 P962

24229 \*LAL, G., and SADASIVAN, T. S. Pickling of vegetables. *Punjab Fruit J.* 6: 1096-1099. Jan. 1942. 80 P962

24230 \*LAL, G., and ISHAQ, M. Preparation and preservation of lemon barley water. *Punjab Fruit J.* 8: 4-5. Jan. 1944. 80 P962

24231 \*LAL, G. Preparation and preservation of unfermented apple juice. *Punjab Fruit J.* 6: 1078-1080. Jan. 1942. 80 P962

24232 \*LAL, G. Preparation of mango squash. *Punjab Fruit J.* 8: 3, 4. Jan. 1944. 80 P962  
Preservation.

24233 \*LAL, G. Tomato juice. *Punjab Fruit J.* 6: 1093-1094. Jan. 1942. 80 P962

Reproduced from v. 1, No. 3 of this journal. Also published as Popular Leaflet No. 162 by the Punjab Dept. of Agriculture.

24234 LATIMER, R. A. New technics by Borden yield flavor-rich fruit puree. *Food Indus.* 17: 1038-1039. Sept. 1945. 389.8 F737  
Operation of the fresh-fruit puree plant of Borden Dairy Delivery Company, Fresno, Calif.

24235 NEUMAN, W. K. Gas packing of dehydrated fruits and vegetables. *Mod. Packaging* 19(1): 142-144, 168. Sept. 1945. 309.8 M72



- 24236 ORTON, E. C. Relative merits of potassium carbonate. *Austral. Dried Fruits News* 21(6): 13-14. June 1945. 286.83 Au72  
Use in cold dip.
- 24237 PASTORIZA, R. Indicaciones útiles para lograr frutas desecadas de calidad. *Argentina. Min. de Agr. Almanaque* (1945) 20: 201-204. 9 Ag874
- 24238 PIÑERA, H. O. Conservación de limones. *Argentina. Min. de Agr. Almanaque* (1945) 20: 325-327. 9 Ag874
- 24239 PRATT, A. J. Keep your crops alive in winter storage - good vegetable storage means properly controlled growth - not delayed funeral. *Home Gard.* 6(3): 56-60. Sept. 1945. 80 H756
- 24240 \*REIG FELIU, A. Extracción de la esencia de la corteza de la naranja por el procedimiento de raspado de la misma y prensado y destilación de las raspaduras. *Agr. Levantino* 11(125): 3-5. Apr. 1945. 15 Ag85
- 24241 RIDLEY, C. "Gas masks" for apples. *Prog. Guide*, Oct. 1945, p. 113. 470 P942  
Charcoal absorbent from fumes from stored apples.
- 24242 ROSS, A. F., HILBORN, M. T., and JENNESS, L. C. Discoloration can be avoided; research reveals practical control measures in processing white potatoes. *Food Packer* 26(10): 38, 40, 42, 78. Sept. 1945. 286.83 C165
- 24243 \*RUBIN, B. A., and ARTSIKHOVSKAYA, E. V. Amilaza i sintez krakhmala v khranfashchikhskia klubnifakh kartofelia (Amylase and synthesis of starch in potato tubers). *Biokhimiia* 9: 262-272. 1944. 385 B523  
Effect of temperature on potatoes during storage.
- 24244 RUSHTON, E. Compressed dehydrated vegetable blocks; the application of high frequency heating. *Chem. & Indus.*, No. 35, p. 274-276. Sept. 8, 1945. 382 M31C
- 24245 SCHADE, A. L. Electronic heat inactivates enzymes in potatoes. *Food Indus.* 17: 1034-1036, 1090, 1092. Sept. 1945. 389.8 F737
- 24246 \*SELHORST. Ueberwinterung von obst und gemüse. *Landesbauernschaft Moselland. Wchnbl.*, No. 40, p. 734. Oct. 3, 1942. 18 L2328
- 24247 \*SINGH, L., LAL, G., and SINGH, S. Candy-ing of "bers" (*Zizyphus jujuba*) and orange peel. *Punjab Fruit J.* 8: 29-30. Jan. 1944. 80 P962
- 24248 \*SINGH, L., LAL, G., and TANDON, G. L. Canning of fruits and vegetables. *Punjab Fruit J.* 8: 11-18. Jan. 1944. 80 P962
- 24249 \*SINGH, L., and LAL, G. Canning of pears. *Punjab Fruit J.* 6: 1104-1105. Jan. 1942. 80 P962
- 24250 \*SINGH, L., and LAL, G. Drying of vegetables. *Punjab Fruit J.* 6: 1099-1103. Jan. 1942. 80 P962
- 24251 \*SINGH, L. Facilities for training in fruit preservation. *Punjab Fruit J.* 6: 1067. Jan. 1942. 80 P962
- 24252 \*SINGH, L. Future of fruit preservation industry. *Punjab Fruit J.* 6: 1061-1064. Jan. 1942. 80 P962
- 24253 \*SINGH, L., and LAL, G. Jams, jellies and marmalades from Punjab fruits. *Punjab Fruit J.* 6: 1084-1089. Jan. 1942. 80 P962
- 24254 \*SINGH, L. Preparation and preservation of passion fruit squash. *Punjab Fruit J.* 8: 2-3. Jan. 1944. 80 P962
- 24255 \*SINGH, L., and LAL, G. Preparation of citrus fruit squashes and cordials. *Punjab Fruit J.* 6: 1074-1077. Jan. 1942. 80 P962
- 24256 \*SINGH, L., and LAL, G. Preparation of jam from pears and plums. *Punjab Fruit J.* 6: 1081-1083. Jan. 1942. 80 P962
- 24257 \*SINGH, L. A simple method of making lime or lemon squash for home use. *Punjab Fruit J.* 8: 1. Jan. 1944. 80 P962
- 24258 \*SINGH, L., and LAL, G. Studies in the preservation of fruits and vegetables; effect of naturity of William's pears (Kulu Valley, Punjab) on their canning quality. *Indian J. Agr. Sci.* 14(2): 167-171. Apr. 1944. 22 Ag831
- 24259 \*SINGH, L., and LAL, G. Summary of the work done in fruit and vegetable preservation at the Fruit Products Laboratories, Lyallpur. *Punjab Fruit J.* 6: 1110-1113. Jan. 1942. 80 P962
- 24260 \*SINGH, L., and LAL, G. Tomato ketchup. *Punjab Fruit J.* 6: 1090-1092. Jan. 1942. 80 P962  
Preparation.
- 24261 TIDBURY, G. E. Storing sweet potatoes in Zanzibar. *East African Agr. J.* 11(1): 34. July 1945. 24 Ea74
- 24262 TINDALE, G. B. Grapefruit storage trials. *Victoria. Dept. Agr. J.* 43: 352-353. Aug. 1945. 23 V66J
- 24263 TRESSLER, D. K. Freezing fruit with little or no sugar. *Frosted Food Field* 1(1): 1, 8. July 1945. 389.8 F922
- 24264 VAN BLARICOM, L. O., and MUSSER, A. M. Ripening peaches for canning in air-cooled storage rooms. (*Digest.*) *Food Packer* 26(10): 76, 78. Sept. 1945. 286.83 C165
- 24265 VIEL, G. Sur la rétention de l'acide cyanhydrique par les fruits soumis à la désinfection (première partie). *Ann. des Épiphyt.* (n. s.) 9(1): 61-66. 1943. 464.9 F84A
- 24266 WAGER, H. G., and others. The drying of potatoes. Pt. II. Scalding the strips. *Food Manufacture* 20: 321-325. (Cont.) Sept. 1945. 389.8 F736  
R. G. Tomkins, S. T. P. Brightwell, R. J. L. Allen, and L. W. Mapson, joint authors.
- 24267 WIEGAND, E. H., LITWILLER, E. M., and HATCH, M. B. Dehydration of cherries and small fruits. *Fruit Prod. J. and Amer. Food Mfr.* 25(1): 9-14, 23. Sept. 1945. 389.8 F94
- 24268 WINTER, J. D. Cooling LCL shipments of raspberries with dry ice. *Ice and Refrig.* 109(3): 26-27. Sept. 1945. 295.8 Ic2
- 24269 WOODROOF, J. G., and CECIL, S. R. Sulphur dioxide solution preservation for fruits and vegetables. *Food Packer* 26(10): 48, 50, 52, 54. Sept. 1945. 286.83 C165

## GRAIN AND GRAIN PRODUCTS

- 24270 ANDRE, E. D'. La "panificación experimental," prueba final y concluyente de la calidad industrial de los trigos. *Bolsa de Cereales, Buenos Aires. Rev.* 32(1713): 1-2, 4-6, 8, 16. Aug. 11, 1945. 287 B866
- 24271 \*ARGÜELLES, F. La producción y el consumo del arroz en España en los últimos años. *Agr. Levantino* 11(128): 23-27. July 15, 1945. 15 Ag85
- 24272 BABBITT, J. D. Hysteresis in the adsorption of water vapour by wheat. *Nature [London]* 156: 265-266. Sept. 1, 1945. 472 N21
- 24273 \*BADÍA, V. La organización arroceras ha resuelto problemas fundamentales que parecía no podían tener solución. *Agr. Levantino* 11(128): 28-29. July 15, 1945. 15 Ag85  
Spain.
- 24274 \*BADÍA, V. La "plantá" del arroz ha comenzado ya; el gran servicio de los barcos fruteros; pequeñas lluvias después de una gran sequía. *Agr. Levantino* 11(126): 5-6. May 1945. 15 Ag85  
Includes statistics of production for Spain.
- 24275 BAKER, C. E., JR. Bulgur; wheat cereal staple from the Near and Middle East now is made in Massachusetts. *Amer. Miller and Processor* 73(9): 42-45. Sept. 1945. 298.8 Am32  
The Armeno Cereal Company plant at Northboro, Mass.
- 24276 BEATTY, R. T. This mill grew up with Wisconsin. *Northwest. Miller (Milling Prod. Sect.)* 223(11): 6a, 18a. Sept. 12, 1945. 298.8 N81  
The Globe Milling Co., Watertown, Wis.



- 24277 \*BHIMA RAO, C. N., and SUBRAHMANYAN, V. Adulteration of broken rice and flour with siliceous matter. *Sci. and Cult.* 11: 100. Aug. 1945. 475 Sci24
- 24278 BING, F. C. New crop flours in the bakery. *Bakers' Helper* 84(1047): 48, 106. Sept. 8, 1945. 389.8 B17  
Baking quality.
- 24279 \*BOMBAY. DEPT. OF AGRICULTURE. Third memorandum on the wheat crop of the Bombay Province (including Indian States) for the season 1944/45, 5 p. Poona, 1945. 59.9 In25
- 24280 \*BORASIO, L. Dos aplicaciones del arroz. *Agr. Levantino* 11(128): 30-33. July 15, 1945. 15 Ag85
- 24281 BROEG, W. E. Economy through selection of proper flour. *Bakers' Helper* 84(1047): 49, 77. Sept. 8, 1945. 389.8 B17
- 24282 BROEKMAN, L. F. The blitzed mills of Britain. *Northwest. Miller* (Milling Prod. Sect.) 223(11): 1a, 4a-5a, 23a-26a. Sept. 12, 1945. 298.8 N81
- 24283 BROGDEN, J. T., JR. Corn has become one of my money crops. *Farm for Victory*, No. 19, p. 14-15. Aug. 1945. 281.8 F226
- 24284 CARRADO, F. J. M. La calidad de las harinas y del pan que se consumen en nuestro país. *Sueño Argentino* 4: 526-527. Aug. 1945. 9 Su2
- 24285 CLARK, R. J. Hints to a flour buyer. *Bakers' Helper* 84(1047): 36-37, 62. Sept. 8, 1945. 389.8 B17  
Flour quality.
- 24286 COLLIER, G. A. Rice market reports. *U. S. Off. Mktg. Serv. Mktg. Activ.* 8(8): 23-24, processed. Aug. 1945. 1.942 ABM34
- 24287 CRAVEN, W. H. Can South Carolina average 50 bushels of corn per acre? *Farm for Victory*, No. 19, p. 9. Aug. 1945. 281.8 F226
- 24288 \*EL CULTIVO y la economía del arroz en los últimos seis años. *Agr. Levantino* 11(128): 34-36. July 1945. 15 Ag85
- 24289 \*DUPONT, G., and ESCOURROU, R. La fabrication du papier à partir du sorgho. *Chim. & Indus. [Paris]* 45: 405-416. May 1941. 383 C42  
Sorghum as a source of cellulose for paper making.
- 24290 ELSWORTH, R. H. The co-operatives' place in grain market. *Farmers' Elevator Guide* 40(8): 5-6. Aug. 1945. 280.28 Am3
- 24291 FARQUHAR, A. J. South Australia F. A. Q. wheat, 1944-45 harvest. *So. Austral. Dept. Agr. J.* 48: 534-535. July 1945. 23 So84  
Milling, chemical, and baking tests.
- 24292 \*GÓMEZ TREINOR, J. A. Hacia una cooperativa nacional del arroz. *Agr. Levantino* 11(128): 13-17. July 15, 1945. 15 Ag85  
Spain.
- 24293 HERD, C. W. Post-war flour. *Arkady Rev.* 22(1): 3-8. Jan. 1945. 389.8 Ar4
- 24294 HIBBS, A. N. A miller goes visiting Germany's school for millers. *Northwest. Miller* (Milling Prod. Sect.) 223(11): 7a-8a, 17a-18a. Sept. 12, 1945. 298.8 N81
- 24295 HLYNKA, K. Research laboratory conducts quality tests on Canada's cereals. *Canad. Grain J.* 1(2): 5-6. Sept. 1945. 59.8 C16  
First of a series of articles.
- 24296 HOLDEN, A. E. Mass production of compressed cereal foods in [Cambridge, Tile Mfg. Co.] plant [in Cincinnati, Ohio]. *Amer. Miller and Processor* 73(9): 38-41. Sept. 1945. 298.8 Am32
- 24297 \*LO, T. Y., and WU, C. H. The buffer action of the Chinese rice-meal extracts. *Chinese J. Sci. Agr.* 1: 195-198. Mar. 1944. 22.5 C448
- 24298 LOZIER, K. D. Multiwall paper bags for packaging flour. *Bakers' Helper* 84(1047): 50, 114. Sept. 8, 1945. 389.8 B17
- 24299 MCLEAN, J. H. The flour's the thing; good results depend on right basic ingredient. *Milling and Feed* 26(9): 9-10. Sept. 1945. 298.8 C162  
Baking quality.
- 24300 MCLEAN, W. D. "Returns." *Amer. Miller and Processor* 73(9): 34, 80. Sept. 1945. 298.8 Am32  
Flour milling.
- 24301 MCMILLAN, R. B. The rice industry in New South Wales. *Rev. Mktg. Agr. Econ. (n. s.)* 13: 163-167. July 1945. 286.8 N47M
- 24302 MINNESOTA. STATE GRAIN INSPECTION DEPT. Biennial report of the State Grain Inspection Department and Weights and Measures Department, 1942/44, 93 p. St. Paul, 1945. 59.9 M66
- 24303 \*ORYZA. Historial arrocerero. *Agr. Levantino* 11(128): 18-22. July 15, 1945. 15 Ag85  
Spain.
- 24304 PATTERSON, C. J. Quality of new crop flour. *Bakers' Helper* 84(1047): 45. Sept. 8, 1945. 389.8 B17
- 24305 SCHUDLICH, H. F. America's wheat fields are the bread basket of the world. *Bakers' Helper* 84(1047): 38-39, 79-80. Sept. 8, 1945. 389.8 B17  
Wheat flour.
- 24306 STERN, H. Large bakery volume reflected in flour sales. *Bakers' Helper* 84(1047): 41, 105. Sept. 8, 1945. 389.8 B17
- 24307 \*SUKHATME, P. V. An interim report on the crop-cutting survey for estimating the out-turn of wheat in the Punjab (1943-44). *Indian Acad. Sci. Proc. Sect. B* 21: 328-341. June 1945. 513 In25B  
Random sampling.
- 24308 SULLIVAN, L. Milling industry's readjustment to peacetime operations. *Bakers' Helper* 84(1047): 44, 91. Sept. 8, 1945. 389.8 B17
- 24309 SWANSON, C. O. Gluten quality and gas retention. *Northwest. Miller* (Milling Prod. Sect.) 223(11): 12a, 14a, 16a-17a. Sept. 12, 1945. 298.8 N81
- 24310 EL TRANSPORTE interno de granos por vía fluvial en los años 1939 a 1944. *Argentina. Comm. Nac. de Granos y Elevadores, B. Inform.* 9: 89-96. June 30, 1945. 286.81 Ar3
- 24311 TRIPLETT, J. F. Report on the grain situation. *Prod. Consumer* 11(2): 8, 14. Sept. 1945. 280.28 P942

## HONEY AND BEESWAX

- 24312 AGUILERA, M. C. Comentarios sobre el consumo de miel en el país. *Argentina. Min. de Agr. Almanaque* (1945) 20: 54. 9 Ag874
- 24313 ORGANIZING honey cooperatives in wartime. *Beekeepers Item* 29: 274-276. Aug. 1945. 424.8 B397
- 24314 SCHUELKE, A. E. Why I market with a coop. *Beekeepers Mag.* 8(1): 11-12. Aug. 1945. 424.8 M58  
Honey marketing.

## LIVESTOCK AND LIVESTOCK PRODUCTS

- 24315 ANDERSON, C. P. The present outlook for meat. *Butchers' Advocate* 118(10): 11-13. Sept. 5, 1945. 286.85 B97
- 24316 BAKER, J. 60 million pounds of meat a day; an attainable peacetime goal for the American meat industry. *Meat* 23(4): 26-28, 56-58. Sept. 1945. 286.85 M464
- 24317 BERRUTTI PELLEGRINO, R. ¿Hasta cuando la frontera será la "cenicienta"? *Diario Rural* 4(487): 2. June 16, 1945. 9.9 D54  
Problem of the cattle industry on the Uruguayan frontier.



24318. \*BIANCHINI, B. Processo storico della primitiva zootecnia laziale. *Azione Vet.* 11: 117-120. May 30, 1942. 41.8 Az3  
Livestock in ancient Latium.
- 24319 BISSON, J. E. La pénurie de vivres en Europe est plus sérieuse que jamais. *Terre de Chez Nous* 17(51, 1. e. 50): 23. Sept. 19, 1945. 7 T27  
The meat shortage.
- 24320 CASTAGNET, A. D. La matanza de vacas y los problemas de post-guerra. *Res* 13: 17768-17770. Aug. 5, 1945. 286.85 R31  
Argentina.
- 24321 CULVER, V. S. Maryland is a corn-hog State. *Md. Agr. Soc.--Md. Farm Bur. Rpt.* (1944) 29: 183-185. 1945. 4 M366
- 24322 DUNCAN, J. E. The sheep industry. *New Zeal. J. Agr.* 71: 47-53. July 16, 1945. 23 N48J
- 24323 EIRE, PIGS AND BACON COMMISSION. Report of proceedings, 1943, 12 p. Dublin, n. d. 281.3469 Ir22
- 24324 FARR, H. W. Meat as an essential food. *Butchers' Advocate* 118(9): 11-12. Aug. 29, 1945. 286.85 B97
- 24325 FAWCETT, E. J. Fall in pig production New Zealand. *Straight Furrow* 4(9): 37-38. July 16, 1945. 281.8 St8
- 24326 FILLEY, H. C. The cattle outlook. *Nebr. Agr. Col. Ext. News* 34(2): 2. Aug. 1945. 275.29 N272Ae
- 24327 HARDING, L. W. Livestock market trends. *Dakota Farmer* 65(17): 4. Sept. 8, 1945. 6 D14
- 24328 \*HELLKÖTTER, F. Viehwirtschaft 1943 - rückblick und ausblick. *Landesbauernschaft Moselland. Wchnbl.*, No. 1, p. 3-4. Jan. 1, 1944. 18 L2328
- 24329 HENING, H. H. What's ahead for livestock in New Mexico. *N. Mex. Stockman* 10(9): 44, 46, 53. Sept. 1945. 49 N462
- 24330 \*HERMOSO DE MENDOZA, A. Distribución de la industria chacinera en España. *Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg.* 37(15): 1-12. Apr. 1945. 15 H68
- 24331- HERRING, G. C. Caution, not fear, needed in meat animal production. *Va. Agr. Col. Ext. Div. News* 27(11): 1. Sept. 1945. 275.29 V81E
- 24332 HEWSON, C. W. Alderman Hewson's survey of the British meat industry. (Excerpts.) *Meat Trades' J.* 127: 323-325. Sept. 13, 1945. 50.8 M46
- 24333 HOBBS, E. A. Obligations of producers. *Calif. Rabbits Mag.* 9(2): 17. Sept. 1945. 40.28 Sa5
- 24334 LACEY, J. J. The swing is up. *Wool News* 11(1): 4, 8. Aug. 1945. 280.28 W882  
The sheep industry.
- 24335 \*M., F. Il coniglio ed il momento attuale. *Azione Vet.* 10: 247. July 15, 1941. 41.8 Az3  
Brief note on the importance of rabbit production in various countries.
- 24336 MCGREGOR, W. A. Beef cattle for Maryland. *Md. Agr. Soc.--Md. Farm Bur. Rpt.* (1944) 29: 185-189. 1945. 4 M366
- 24337 MEYER, J. W. Future of our rabbits. *Calif. Rabbits Mag.* 9(2): 8. Sept. 1945. 40.28 Sa5  
The industry.
- 24338 NORDYKE, L. It takes teamwork to make good beef. *Country Gent.* 115(10): 16, 67. Oct. 1945. 6 C833  
Problems of the beef industry.
- 24339 OLLEA, D. E. Mientras el mundo se debate en la necesidad de alimentos, en nuestro país, disminuye la producción agrícola ganadera. *Gac. Algodonera* 22(258): 1-2, 4. July 31, 1945. 72.8 G11
- 24340 PEARSON, F. A., MYERS, W. I., and LORIE, J. H. Meat. *Va. Farm Econ.*, No. 77, p. 940-942, 945-951. Aug. 1945. 275.29 V813
- 24341 PEREIRA, C. Industria ganadera. *Managua. Cam. Nac. de Com. e Indus. B. (ser. 3)* 10(116): 5-11. Apr. 1945. 287 M316
- 24342 PEXTON, L. M. Denver yards measure beef industry growth. *Westerner* 8(8): 10, 94. Sept. 1945. 49 W522
- 24343 \*PFLAUMBAUM, W. Zur lage der schweinehaltung. *Landesbauernschaft Moselland. Wchnbl.*, No. 50, p. 898. Dec. 12, 1942. 18 L2328
- 24344 \*SCHMIDT, J. Die tierzuchtforschung im dienste der ernährungssicherung. *Deut. Agrarpolitik* 2: 220-224. May 1944. 281.8 D48
- 24345 \*TERRÁDEZ RODRÍGUEZ, J. Pastos, cañadas y el pendulo. *Agr. Levantino* 11(126): 18-19. May 1945. 15 Ag85  
Need for coordination of agricultural and livestock production in Spain.
- 24346 VOIGT, C. O. Livestock in basic in the West. *Westerner* 8(8): 10. Sept. 1945. 49 W522
- 24347 WHALEY, S. A. Future for [rabbit] pelts. *Poultry Farmer [London]* 113(2931): 9. Aug. 24, 1945. 47.8 F312
- 24348 WHITE, C. L. The Argentine meat question. *Geog. Rev.* 35: 634-646. Oct. 1945. 500 Am35G

#### Analysis and Composition

- 24349 HINER, R. L., MADSEN, L. L., and HANKINS, O. G. Histological characteristics, tenderness, and drip losses of beef in relation to temperature of freezing. *Food Res.* 10: 312-324. July/Aug. 1945. Ref. 389.8 F7322
- 24350 INGRAM, M., and HAWTHORNE, J. R. Electrometric estimation of chloride in meat products. *Soc. Chem. Indus. J.* 64: 196-200. July 1945. 382 M31

#### Distribution, Marketing, and Transportation

- 24351 BISSON, J. E. Règles à suivre dans le chargement des animaux. *Terre de Chez Nous* 17(48, 1. e. 47): 19. Aug. 29, 1945. 7 T27  
Records to be kept in transporting livestock for marketing.
- 24352 DAY, G. E. Comments upon salesmanship. *Shorthorn News* 6(3): 13, 29. Sept. 1945. 43.8 Sh85  
Selling breeder cattle.
- 24353 DENNISS, C. J. Live stock and rail trucking orders; difficulties and prospects. *Country Life [Sydney]* 56(54): 9. July 27, 1945. 286.85 Sy2
- 24354 DEWEY, R. L. Lower westbound meat rates will benefit Iowa packers and hog raisers. *Iowa Farm Econ.* 11(9): 8-9. Sept. 1945. 275.28 Io92
- 24355 THE LONG-TERM meat scheme under the Marketing Act. Announcement by the Minister of Agriculture and Forestry. *Farming in So. Africa* 20: 413-414, 436. July 1945. 24 So842
- 24356 \*MAZZA, G. Macellazione clandestina in Sicilia e mezzi per prevenirla. *Azione Vet.* 11: 133-136. June 30, 1942. 41.8 Az3  
Black market slaughtering in Italy.
- 24357 MORENO, J. J. La compra de carneros a campo. *Argentina. Min. de Agr. Almanaque* (1945) 20: 383-384. 9 Ag874
- 24358 PATWORTH, D. Table rabbits wanted. *Poultry [London]* 97: 137. Aug. 28, 1945. 47.8 P869
- 24359 URIBE B., R. La báscula como tercero en discordia. *Rev. Agr. y Ganad.* 8(92): 13. May/June 1945. 9.4 R327  
In transactions involving cattle for slaughter.

#### Grading, Inspection, Standardization, and Quality

- 24360 BERTULLO, V. H. Historia de la inspección de carnes en el Uruguay. *Uruguay. U. Facul. de Vet. An.* 4: 445-453. Dec. 1944. 41.9 M764
- 24361 BOTTOM, F. Meat inspection in the Middle East. *Roy. Army Med. Corps. J.* 16: 236-237. Aug. 1945. 41.8 G79



24362 HANKINS, O. G. Breeding one of major factors in beef quality. Natl. Provisioner 113(12): 8-10, 26. Sept. 22, 1945. 286.85 N21  
Grading as a means of classifying carcasses and furnishing information to cattlemen.

24363 \*MARTINI, I. Le nuove disposizioni sulla ispezione delle carni in Germania. Azione Vet. 10: 343-346. Sept. 30, 1941. 41.8 Az3

24364 SPURRELL, F. A. Veterinary public health; opportunity, challenge, responsibility. Vet. Student 8(1): 13-16. Summer 1945. 41.8 V6425

Education in methods of sanitary control of food products of animal origin by veterinarians.

24365 WIZLEBEN, A. VON. Die neue jahresanordnung der viehwirtschaft. Landesbauernschaft Moselland. Wchnbl., No. 3, p. 28. Jan. 15, 1944. 18 L2328

#### Prices, Price Control, and Rationing

24366 ASOCIACIÓN RURAL DEL URUGUAY. Los precios del ganado y la Junta de Carnes. Diario Rural 4 (492): 10. July 4, 1945. 9.9 D54

24367 DONAGARAY, F. El desastre de precios para ganados de conserva [Uruguay]. Diario Rural 4(486): 9. June 13, 1945. 9.9 D54

24368 FEDERACIÓN RURAL (URUGUAY). Regularización de los precios de carnes. Diario Rural 4(488): 4. June 20, 1945. 9.9 D54

24369 HANNAM, H. H. Le rationnement mal accueilli; protestations des cultivateurs et des bouchers [Canada]. Terre de Chez Nous 17(51, i. e. 50): 1, 21. Sept. 19, 1945. 7 T27

24370 NESBIT, S. On the fur side. Calif. Rabbits Mag. 9(2): 18. Sept. 1945. 40.28 Sa5  
Prices of rabbit pelts.

#### Processing and Storage

24371 ANDERSON, Revelations in tanning industry; commercial wattle-growing also due for great fillip. (Sum.) Country Life [Sydney] 56(53): 13. July 20, 1945. 286.85 Sy2

24372 BLAKE, R. Curing your rabbit fur pelts at home. Poultry World 77: 90. Aug. 24, 1945. 47.8 P8682

24373 CANADA PACKERS LIMITED. Annual report, 18th, 1945, 24 p. Toronto, 1945. 50.9 C165

24374 CASS-SMITH, E. Modern developments in chrome tanning. Leather World 37: 563-565, 635-636. (To be cont.) Aug. 16, Sept. 13, 1945. 303.8 L482

24375 \*DAS, B. M. Curing of hides and skins. Indian Farming 6: 246-249. June 1945. 22 In283

24376 HILBERT, F. L. The technology of tanning. Part 3 - The art and science of leather making; chapter 2 - Modern tanning practice; vegetable tanning. Hide and Leather and Shoes 110(10): 25-26, 28, 30, 32, 34-37. Sept. 8, 1945. 303.8 H53

24377 LIKIERMAN, J. E. Una actividad provechosa: la cría del conejo; sacrificio y extracción del cuero. Argentina. Min. de Agr. Almanaque (1945) 20: 143-145. 9 Ag874

Includes skinning and drying of the pelts.

24378 MORENO, J. J. Depilado de cueros lanares. Argentina. Min. de Agr. Almanaque (1945) 20: 357-358. 9 Ag874

24379 PATWORTH, D. If you are getting rabbit furs made up. Poultry [London] 97: 121. Aug. 21, 1945. 47.8 P869

24380 STEPHENS, C. Leather conditioning. Leather World 37: 636-637. Sept. 13, 1945. 303.8 L482

Drying conditions.

24381 STUMBO, C. R., GROSS, C. E., and VINTON, C. Bacteriological studies relating to thermal processing of canned meats. Food Res. 10: 283-302. July/Aug. 1945. 389.8 F7322

Contents: II. Influence of meat-curing agents upon

thermal resistance of spores of a putrefactive anaerobic bacterium in meat. III. Influence of meat-curing agents upon growth of a putrefactive anaerobic bacterium in heat-processed meat.

24382 WATSON, M. A. The history and economics of cattlehide leather tanning. Shoe and Leather Rptr. 239(11): 15-18, 20, 22. Sept. 15, 1945. 303.8 Sh7

#### Statistics

24383 \*DOMINICIS, DE. Il prossimo censimento del bestiame [Italy]. Azione Vet. 10: 198-199. May 30, 1941. 41.8 Az3

#### OILS AND OILSEEDS

24384 ALDERKS, O. H. Soybean oil. Oil & Soap 22: 232-238. Sept. 1945. 307.8 J82

24385 \*ANGELINI, F. Il lavoro in olivicoltura. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 309-333. Roma, 1940. 94.72 C7682

The industry under Fascism, including statistics.

24386 \*BERGILLOS DEL RÍO, A. Necesidades y producción nacional de grasas vegetales. Agricultura [Madrid], 14: 345-348. July 1945. 15 Ag84  
Importance of increased production of olive oil.

24387 BRANDNER, J. D., and others. Drying oils from sorbitol and linseed fatty acids. Indus. and Engin. Chem. Indus. Ed. 37: 809-812. Sept. 1945. 381 J825

R. H. Hunter, M. D. Brewster, and R. E. Bonner, joint authors.

24388 \*BRANDONISIO, V. Esperienze comparative su due diversi sistemi di molitura delle olive e pressione delle olive e delle paste. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 287-299. Roma, 1940. 94.72 C7682

24389 BURNETT, R. S. Peanut protein hydrates; preparation and properties. Indus. and Engin. Chem. Indus. Ed. 37: 861-864. Sept. 1945. 381 J825

24390 \*BUZI, C. C. L'oleificio di determinazione. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 228-237. Roma, 1940. 94.72 C7682  
Determination of oil yield of olives.

24391 CANNING, G. Fats and oils from the Netherlands Indies. Foreign Com. Weekly 20(12): 5-7, 49-50. Sept. 15, 1945. 157.54 F763

24392 \*CARRANTE, A. L'aumento della superficie olivata. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 1: 132-139. Roma, 1940. 94.72 C7682  
Methods of extending the area in olives.

24393 CARSTEN, H. A., HILDITCH, T. P., and MEARA, M. L. The component acids of the testa and kernel fats of the oil palm. Soc. Chem. Indus. J. 64: 207-209. July 1945. 382 M31

24394 \*CERDELLI, U. La politica economica fascista nel settore oleario. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 1: 143-170. Roma, 1940. 94.72 C7682

24395 COMERCIALIZACIÓN del girasol de la cosecha 1943/44 en el Mercado de Cereales a Termino de Buenos Aires. Argentina. Com. Nac. de Granos y Elevadores B. Inform. 9: 83-89. June 30, 1945. 286.81 Ar3

24396 \*DAJI, J. A. Oilcakes and their uses. Indian Farming 4: 553-558. Nov. 1943. 22 In283

24397 \*DELAROZIERE, F. Progrès réalisés dans le domaine des huiles siccatives. Substituts de l'huile de bois et nouveaux types d'huiles. Rev. des Prod. Chim. 44: 85-93. Apr. 15/30, 1941. 383 R327

24398 DIMITRI, M. J. Importancia de las plantas cítricas como productoras de esencias aromáticas. Argentina. Min. de Agr. Almanaque (1945) 20: 79-80. 9 Ag874

24399 \*DONATO, L. L'organizzazione in olivicoltura. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 1: 101-124. Roma, 1940. 94.72 C7682



24400 \*DONATO, L. Produzione e commercio dell'olio di oliva nel mondo. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 457-467. Roma, 1940. 94.72 C7682

Statistical.

24401 ENNEVER, W. Essential oil control in the United Kingdom. Crown Colonist 15: 640. Sept. 1945. 280.8 C88

24402 FAHMY, H. Aperçu sur les diverses phases industrielles par lesquelles passent la graine de coton et autres graines oléagineuses pour être converties en huile et autres sous-produits. Égypte Agr. 43: 99-102. May/June 1945. 24 Un32

24403 FEHR, F. & COMPANY. Review of the oilseed, oil and oil cake markets for 1944, 72 p. London, 1945. 307 F82

24404 \*FERRARA, A. L'olivicoltura e l'oleificio in Libia e nelle isole italiane dell'Egeo. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 468-475. Roma, 1940. 94.72 C7682

24405 \*FREZZOTTI, G. Le condizioni attuali dell'oleificio in Italia. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 211-218. Roma, 1940. 94.72 C7682

24406 FRIESEN, D. R. Co-operative vegetable oils plant to operate in October. Manitoba Co-op. 3(4): 2. Sept. 15, 1945. 280.28 M31

24407 \*GAROGLIO, P. G. Esperienze e considerazioni intorno a possibili orientamenti di tecnica olearia. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 238-271. Roma, 1940. 94.72 C7682

24408 GUENTHER, E. Essential oils of the Western Hemisphere. Glass Packer 24: 675-678, 718. Sept. 1945. 309.8 G463

24409 GUENTHER, E. A survey of Spanish essential oils. Amer. Perfum. and Essential Oil Rev. 47(9): 43-44. (To be cont.) Sept. 1945. 308.8 Am3

24410 GURTZ, R. F., and BURKHEAD, C. E. American soybean output in the spotlight. Agr. Situation 29(9): 12-14. Sept. 1945. 1 Ec7Ag

24411 HARDY, E. Palestine expands essential oil industry. Mfg. Chem. 16: 277. Aug. 1945. 396.8 M31

24412 HUCKNALL, E. 2:4-Dinitrophenylhydrazine as reagent for the identification of essential oils. Q. J. Pharm. & Pharmacol. 18: 84-85. Apr./June 1945. 396.8 Q2

24413 HUFFMAN, L. Oiticica oil in the paint industry. Amer. Paint J. 29(50): 48, 50, 52, 54. Sept. 10, 1945. 306.8 Am32

24414 IRVING, G. W., JR., FONTAINE, T. D., and WARNER, R. C. Electrophoretic investigation of peanut proteins. I. Peanut meal extract, arachin and conarachin. Arch. Biochem. 7: 475-489. Sept. 1945. 381 Ar2

24415 ISLIP, H. T. Essential oils: potentialities of a minor industry. Crown Colonist 15: 637-640. Sept. 1945. 280.8 C88

24416 \*KARTHA, A. R. S., VENKATASUBRAMANIAN, T. A., and MENON, K. N. The glyceride composition of fats and oils. Pt. I. Mowrah oil. Indian Acad. Sci. Proc. Sect. A 21: 228-232. May 1945. 513 In25

24417 \*KARTHA, A. R. S., and MENON, K. N. A tentative method for the determination of mixed glycerides present in natural fats by estimating the saturated acids present in azelao glycerides obtained by permanganate oxidation in acetone. Indian Acad. Sci. Proc. Sect. A 21: 222-227. May 1945. 513 In25

24418 LAMBETH, J. A. Streamlined flour production of today's miller. Bakers' Helper 84(1047): 42-43, 100, 102. Sept. 8, 1945. 389.8 B17  
Chiefly on soy flour.

24419 MCMATH, C. W. Researcher says cottonseed flour likely to be major food product. Cotton Trade J. 25(39): 2, 7. Sept. 29, 1945. 72.8 C8124

24420 \*MARINUCCI, M. Aumento della produzione unitaria degli oliveti. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 1: 125-131. Roma, 1940. 94.72 C7682

24421 \*MARINUCCI, M. I problemi dell'elaiotecnica. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 1: 140-142. Roma, 1940. 94.72 C7682

24422 \*MARTINENGHI, G. B. Metodi analitici di controllo degli olii di oliva. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 300-306. Roma, 1940. 94.72 C7682

24423 MATTIL, K. F. The formation of isomers of polyunsaturated acids during the hydrogenation of soybean oil. Oil & Soap 22: 213-215. Sept. 1945. 307.8 J82

24424 \*MEDICI, G. Intorno ad alcuni caratteri economici dell'olivicoltura italiana. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 402-412. Roma, 1940. 94.72 C7682

24425 MELOY, G. S. From nuisance to important crop. U. S. Off. Mktg. Serv. Mktg. Activ. 8(8): 18-21, processed. Aug. 1945. 1.942 ASM34  
Cottonseed utilization.

Similar title in Cotton Digest 17(50): 6. Sept. 8, 1945. 286.82 C822

24426 MILNER, R. T. Soybean Analysis Committee. Oil & Soap 22(9): 12. Sept. 1945. 307.8 J82  
Sixth of a series of articles on the work of American Oil Chemists' Society committees.

24427 MUTINELLI, A. La esencia de "lemon grass." Argentina. Min. de Agr. Almanaque (1945) 20: 199-200. 9 Ag874

24428 \*NARAYANAIAH, S. The "Bellier figure" as an analytical constant of vegetable oils and its use in detecting adulteration in them. Cur. Sci. 14: 177-178. July 1945. 475 Sci23

24429 NATIONAL SOYBEAN PROCESSORS ASSOCIATION. Year book, 1944/45, 71 p. Chicago, 1945. 60.39 N21

24430 \*OLIVICOLTURA ed elaiotecnica. Conv. Naz. di Olivicoltura, Bari, 1938. Atti, v. 3, pt. 1, 596 pp. pt. 2, 701 p. Roma, 1941, 1942. 94.72 C7682  
Monographic studies on olives and olive oil in the different provinces in Italy, by various authors.

24431 PAGANI, F. Il regime doganale dei prodotti oleari. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 334-358. Roma, 1940. 94.72 C7682  
Imports and exports.

24432 \*PANTANELLI, E. Nuovi principi e metodi nell'estrazione dell'olio. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 219-227. Roma, 1940. 94.72 C7682

24433 \*PAVONCELLI, G. L'olivicoltura mondiale e la Federazione Internazionale di Olivicoltura. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 437-456. Roma, 1940. 94.72 C7682

24434 POLAK, E. H., and HIXON, R. M. The volatile oil from Lophanthus anisatus Benth. Amer. Pharm. Assoc. J. 34: 240-243. Sept. 1945. 396.9 Am33J

24435 POOL, M. F., and PRATER, A. N. A modified Kreis test suitable for photocolorimetry. Oil & Soap 22: 215-216. Sept. 1945. 307.8 J82  
Method of testing for rancidity in fats.

24436 \*RENZIS, L. DE. L'olio di oliva come lubrificante. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 279-286. Roma, 1940. 94.72 C7682  
Analysis.

24437 ROSENBUSCH, R., and PARKER, R. Rapid determination of the iodine value of castor oil. Soc. Chem. Indus. J. 64: 211-215. July 1945. 382 M31

24438 SCHEITER, E. K. Solvent extraction; newest soybean processing unit of A. E. Staley Mfg. Co. employs latest solvent method for production of oil and soybean meal. Amer. Miller and Processor 73(9): 58-60, 62, 84-85. Sept. 1945. 298.8 Am32  
As told to H. K. Ferguson.



- 24439 \*SEGHEITI, G. Il valore economico e sociale della olivicoltura in Italia. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 413-433. Roma, 1940. 94.72 C7682
- 24440 \*SIDDIQUI, S., and MITRA, C. Utilization of nim *Melia azadirachta*, oil and its bitter constituents (nimbidin series) in the pharmaceutical industry. J. Sci. and Indus. Res. 4(1): 5-10. July 1945. 475 J82
- 24441 SIEVERS, A. F., LOWMAN, M. S., and RUTTLE, M. L. Investigations of the yield and quality of the oils from some hybrid and tetraploid mints. Amer. Pharm. Assoc. J. 34: 225-231. Sept. 1945. 396.9 Am33J
- 24442 SPIELMAN, H. W. Menthol comes to the hemisphere. Agr. in the Americas 5: 166-168. Sept. 1945. 1 F752A  
Production and utilization in Brazil.
- 24443 SYLVESTER, N. D., AINSWORTH, A. N., and HUGHES, E. B. The determination of fat in mixtures containing fatty acids, and the determination of unsaponifiable matter in oils and fats. Analyst 70: 295-298. Aug. 1945. 382 An1
- 24444 Tr Le Maroc et l'olivier. Petit Casablancais 30(1229): 4. Sept. 8, 1945. 280.8 P44
- 24445 THOMAS, H. L., and GERDES, F. L. Cotton seed quality test results of interest to cottonseed oil mill superintendents. Oil Mill Gazetteer 50 (3): 23, 25-32. Sept. 1945. 307.8 O153
- 24446 TRAILL, D., and MCLEAN, A. Extraction of ground nut proteins. Soc. Chem. Indus. J. 64: 221-224. Aug. 1945. 382 M31  
Includes analysis of peanuts and peanut cake.
- 24447 U. S. BUREAU OF THE CENSUS. Animal and vegetable fats and oils, calendar years 1940-44, 34 p. Washington, 1945. 157.41 An52  
Statistics.
- 24448 U. S. NATIONAL BUREAU OF STANDARDS. Peanut butter packages and containers; simplified practice recommendations R209-45, 6 p. Washington, 1945. 157.88 S15
- 24449 VALDIVIA, M. A. Las variadas aplicaciones del cacahuete o maní. Fomento [monthly], 1(8): 9-10. June 1944. 8 F734
- 24450 WENHOLZ, H. Will soybeans thrive in Australia? Doubts based on State experiments. Country Life [Sydney] 56(54): 4. July 27, 1945. 286.85 Sy2
- 24451 \*ZAPPI-RECORDATI, A. I rapporti contrattuali tra proprietà, impresa e mano d'opera in olivicoltura. Conv. Naz. di Olivicoltura, Bari, 1938. Atti 2: 359-401. Roma, 1940. 94.72 C7682
- 24452 ANSON, M. A successful egg consumption campaign. Feedstuffs 17(36): 34-35. Sept. 8, 1945. 286.91 F322
- 24453 ASKEW, R. P. An experiment in the marketing of table poultry. Scot. J. Agr. 25: 139-147. July 1945. 10 Sco82So
- 24454 BARCO, G. F. Conservación del huevo por medio del silicato de sodio. Argentina. Min. de Agr. Almanaque (1945) 20: 161-163. 9 Ag874
- 24455 BARTLING, C. A. Pigeon selling facts. Pigeon News 51(894): 10. Sept. 1945. 47.8 P621
- 24456 BELL, J. C. Georgia broiler industry grows to 24 million birds. U. S. Egg & Poultry Mag. 51: 374-375. Aug. 1945. 286.85 Eg3
- 24457 BLAKE, C. C. A guide for egg graders. W. Va. Dept. Agr. B. (n. s.) 33, 20 p. Charleston, 1944. 2 W522
- 24458 COLLINGE, A. V. Turkey financing is big business. Turkey World 20(9): 10-11, 63-64. Sept. 1945. 47.38 T84
- 24459 DENMAN, C. B. Modern marketing; developments in refrigeration may affect the way dressed poultry is sold. Amer. Poultry J. 76(10): 7, 22-23. Oct. 1945. 47.8 Am32  
Egg and poultry marketing.
- 24460 DOSSIN, C. O. Producing and marketing quality eggs. Md. Agr. Soc.--Md. Farm Bur. Rpt. (1944) 29: 202-205. 1945. 4 M366
- 24461 ESCOBAR, R. Nuevo procedimiento para la conservación de huevos. Agr. Mex. 61(5): 29. May 1945. 8 Ag8  
Drying.
- 24462 HALL, G. O. Preserving eggs in water glass. Poultry Sci. 24: 451-458. Sept. 1945. 47.8 Am33F
- 24463 HOFFMANN, E. Even broiler clouds have their silver linings. Peninsula Broiler J. 5(9): 1, 6. Sept. 3, 1945. 47.8 P37  
Future of the broiler industry.
- 24464 HORTON, D. H. A comparison of wet and dry cooling of dressed poultry. Northeast. Poultryman 41(2): 10. Aug. 1945. 47.8 N44  
Also in Cackle and Crow 27(11): 12. Sept. 1945. 47.8 C11
- 24465 JOHNDEW, O. F. Keep the egg cases moving. Amer. Egg & Poultry Rev. 6: 422, 424. Aug. 1945. 47.8 Am38
- 24466 JONES, M. D. The poultry and egg situation. Maine Agr. Col. Ext. Farm Econ. Facts, No. 59, p. 1306-1308, processed. Aug. 1945. 275.29 M281F
- 24467 KING, C. H. The heart of the uniform grading program—premium eggs. Hatchery Tribune 19 (9): 13, 60-61. Sept. 1945. 47.8 H28
- 24468 KLEIN, G. T. Saw the drift and swung that way. New England Farmer 118(17): 16-17. Sept. 8, 1945. 6 N442  
Tells about the P. Swanson chick breeding business in Carlisle, Mass.
- 24469 LOWRIE, A. W. A study of FPCC [Poultry Producers of Central California] pool prices for eggs, by grades, 1940-1945. Nulaid News 23(5): 6-8. Aug. 1945. 47.8 N917
- 24470 MCFARLANE, V. H., WATSON, A. J., and GORESLINE, H. E. Sanitation in egg drying. U. S. Egg & Poultry Mag. 51: 364-366, 368. Aug. 1945. 286.85 Eg3
- 24471 \*MANAWWAR, J. A. The U. P. Military Poultry Development and Marketing Scheme. Allahabad Farmer 19: 27-34. Mar. 1945. 22 A15  
Poultry and eggs.
- 24472 PAYNE, L. F. Turkey weights vs. dimensions. Turkey World 20(9): 18, 46-47. Sept. 1945. 47.38 T84
- 24473 PEARCE, J. A. Fluorescence measurements as a quality control technique in food processing. Food in Canada 5(8): 16, 19-20, 23-25. Aug. 1945. 389.8 F7323
- 24474 PERRY, J. E. Wartime poultry meat production. Pacific Poultryman 49(8): 6-8. Sept. 1945. 47.8 P112
- 24475 RISHER, F. W. Poultry industry in the Nation especially Florida and Georgia. For Sale, Want and Exch. B. 4(11): 1. Sept. 1, 1945. 280.38 F74
- 24476 ROBINSON, J. L. FEPCO [New Jersey Federated Egg Producers Cooperative] breaks black market. News for Farmer Coops. 12(6): 3, 17, 22. Sept. 1945. 166.2 N47
- 24477 SIMMONS, C. Chickens are food—for thought. Pacific Rural Press, South Ed. 150(5): 149. Sept. 1, 1945. 6 P112A  
Prospects for the poultry industry.
- 24478 TERMOHLEN, W. D. Outlook for Government and civilian demand for poultry and eggs in 1945. Md. Agr. Soc.--Md. Farm Bur. Rpt. (1944) 29: 209-214. 1945. 4 M366

## POULTRY AND POULTRY PRODUCTS



24479 TODD, L. Final report of the disbanded Nat'l Poultry Defense Committee. Amer. Egg & Poultry Rev. 6: 450-452. Aug. 1945. 47.8 Am38

24480 \*TUTOR, J. M. ¿Qué es una cooperativa avícola? Ganadería [Madrid] 3: 92-94. Feb. 1945. 49 G15

24481 WARD, G. H. Egg and poultry situation. Va. Farm Econ., No. 77, p. 938. Aug. 1945. 275.29 V813

24482 WELLS, L. T. Dressed poultry industry in Georgia and North Carolina. Amer. Egg & Poultry Rev. 6: 444. Aug. 1945. 47.8 Am38

24483 WILLIAMS, E. W. Poultry; its future as a quick frozen product. Quick Frozen Foods 8(1): 52-55, 81. Aug. 1945. 389.8 Q4

#### RUBBER AND RUBBER SUBSTITUTES

24484 BEKKEDAH, N. Brazil's research for increased rubber production. Sci. Monthly 61: 199-209. Sept. 1945. 470 Sci23

Chiefly on the work of the Rubber Laboratory of the Instituto Agrônomico do Norte.

24485 HOOVER, S. R., and others. Cryptostegia leaf rubber. Indus. and Engin. Chem. Indus. Ed. 37: 803-809. Sept. 1945. 381 J825

T. J. Dietz, J. Naghski, and J. W. White, Jr., joint authors.

Natural Rubber from Domestic Sources, Paper No. 10.

24486 SKAU, E. L., and others. Physical chemical investigations of goldenrod rubber. J. Phys. Chem. 49: 281-315. July 1945. 381 J822

Contents: I. "Precipitation value" and its significance in characterization and evaluation of natural rubbers, by E. L. Skau, W. J. Runckel, F. L. Kreeger, and M. A. Sullivan. II. The precipitation value as affected by irradiation in the presence of various rubber antioxidants and other reagents, by E. L. Skau, F. B. Kreeger, and W. J. Runckel. III. The fractionation of goldenrod and other natural rubbers, by E. L. Skau, W. J. Runckel, F. B. Kreeger, and M. A. Sullivan.

24487 \*VERGHESE, G. T., and KAU, M. A. G. Periodic structures in the coagulation of rubber latex. J. Sci. and Indus. Res. 4(1): 11-15. July 1945. 475 J82

#### SEEDS

24488 ALLEN, G. Winnipeg seed laboratory tests 10,000 samples every year. Canad. Grain J. 1(1): 10-11. 59.8 C16

24489 ALLISON, C. C. Treating your wheat seed. Farm and Dairy [Salem] 31(52): 2. Sept. 7, 1945. 6 F2279

24490 BURDETT, J. H. National Garden Bureau report is given; discusses volume of vegetable seed sales. Seed Trade News 45(12): 8-9; (13): 4-5. Sept. 19-26, 1945. 61.8 Se3

24491 FRASIER, F. E. Field pea seed crop short of need. Calif. Fruit and Veg. Rev. 6(6): 37. Sept. 1945. 80 C1224

Includes seed of cover and general field crops.

24492 GIORDANO, H. J. Cómo se obtiene la semilla fiscalizada de cereales y oleaginosas. Suelo Argentino 4: 529, 534. Aug. 1945. 9 Su2

Also in Res 13: 17779-17780. Aug. 5, 1945. 286.85 R31

24493 GOODHUE, L. H. Pacific Northwest crop harvesting completed. Seed Trade News 45(10): 7. Sept. 5, 1945. 61.8 Se3

Seed quality and yields.

24494 \*HAGANDER, H. Stort behov av prima vallväxtfrö; endast obetydliga lager finnas. Jordbruksarnas Föreningsblad. Uppl. A: Östra Mellansverige och Gästrikland 15(24): 4. June 16, 1945. 11 J762

Supply of grass seed in Sweden.

24495 HAWKINS, F. From a seed-growers notebook. East African Agr. J. 11: 32-33. July 1945. 24 Ea74

Includes treatment and storage.

24496 KUHNER, J. W. Missouri seed inspection bulletin. Mo. State Dept. Agr. B., v. 43, No. 8, 14 p. Jefferson City, 1945. 2 M693

24497 LA PINE, L. J. Amendments to Federal Seed Act. Seed World 58(5): 10, 12. Sept. 7, 1945. 61.8 Se52

24498 NATIONAL INSTITUTE OF AGRICULTURAL BOTANY. SEED PRODUCTION COMMITTEE. Seed Notes, No. 1-13. 1942-Aug. 1945. 61.9 N21S

Seed production, price, stocks, and certification.

24499 NEATBY, K. W. Seed testing service [of the Line Elevators Farm Service, Winnipeg]. Seed-time & Harvest, No. 129, 1 p. Winnipeg, 1945. 7 Se3

24500 NORDLINGER, E. A veteran seed analyst explains the ins and outs of a university service--seed testing. Seed World 58(5): 8-9. Sept. 7, 1945. 61.8 Se52

The Federal-State Seed Testing Laboratory at Purdue University, Lafayette, Ind.

24501 NUTILE, G. E. Seeds are tested -- how and why. Seed World 58(6): 8-10, 12. Sept. 21, 1945. 61.8 Se52

A description of the seed laboratory of the Associated Seed Growers, Inc., New Haven, Conn.

24502 \*SCHWANER, F. Die futterpflanzensaatguterzeugung im Gau Moselland. Landesbauernschaft Moselland. Wchnbl., No. 47, p. 845-846. Nov. 21, 1942. 18 L2328

24503 \*VOGLER, J. Futterpflanzensaatgut-erfassung. Landesbauernschaft Moselland. Wchnbl., No. 7, p. 76. Feb. 12, 1944. 18 L2328

24504 WEST VIRGINIA. DEPT. OF AGRICULTURE. Report of inspection work, Seed Laboratory. W. Va. Dept. Agr. B. (n. s.) 39, 40 p. Charleston, 1944. 2 W522

24505 WEST VIRGINIA. DEPT. OF AGRICULTURE. West Virginia seed regulations and manual. W. Va. Dept. Agr. B. (n. s.) 45, rev., 29 p. Charleston, 1945. 2 W522

24506 \*WESTRUP. Die verhütung von auswinterungs- und pilzschäden beim getreide. Landesbauernschaft Moselland. Wchnbl., No. 41, p. 749. Oct. 10, 1942. 18 L2328

Chiefly on the storage and treatment of seed.

#### SUGAR AND SIRUPS

24507 ALMEIDA, D. Usinas que moem 100 c/o de canas de fornecedoras. Brasil Açucareiro 25: 402-403. May 1945. 65.8 B73

24508 BOTELHO, J. Açúcar e borracha. Brasil Açucareiro 25: 458-459. May 1945. 65.8 B73

24509 BOTELHO, J. Classificação comercial do açúcar de cana. Brasil Açucareiro 25: 272-275. Mar. 1945. 65.8 B73

24510 BROEG, W. E. Producing icings with granulated sugar. Bakers' Helper 84(1047): 96-97. Sept. 8, 1945. 389.8 B17

24511 \*DEERR, N. The sugar industry in India; a survey of forty years' development. Indian Sugar 8: 191-192. June 1945. 65.8 In25

24512 FEINER, J. Spoilage of sugar sirup can be prevented. Internatl. Confectioner 55(8): 40, 42. Aug. 1945. 389.8 In214

24513 FORT, C. A., and STOUT, M. Whitewashing sugar beets to reduce sugar losses in storage. Sugar 40(9): 34-40. Sept. 1945. 65.8 F11

24514 GOMES, M. F. Padronização de trabalho nas destilarias. Brasil Açucareiro 25: 460-461. May 1945. 65.8 B73



- 24515 HAWAIIAN SUGAR PLANTERS' ASSOCIATION. EXPERIMENT STATION. GENETICS DEPARTMENT. An acreage census of cane varieties for the crops of 1944 and 1945. Hawaiian Sugar Planters' Assoc. Expt. Sta. C. 85, 20 p. Honolulu, 1945. 100 H31C
- 24516 \*HOCKETT, R. C. Sugar the unknown. Indian Sugar 8: 220-221. July 1945. 65.8 In25
- 24517 LAMERS, T. Aperçu historique de la sucrerie de cannes. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 2: 125-131. (Cont.) July 1945. 8 R328
- 24518 LIPPITT, M. L. Sugar. Wholesale Grocer News 20(6): 25-28. Sept. 1945. 286.83 W622
- 24519 MAGALHÃES, B. DE. O açúcar nos primórdios do Brasil colonial. VII. Brasil Açucareiro 25: 245-247. Mar. 1945. 65.8 B73
- 24520 MELO, M. L. DE. O rendimento industrial das usinas e o pagamento de cana. Brasil Açucareiro 25: 320-321. Apr. 1945. 65.8 B73
- 24521 MENDOZA, L. G. Cuban sugar events. Cuba Econ. y Financ. 20(233): 47-48. Aug. 1945. 286.8 C892
- 24522 MORONEY, C. J. Reviewing the record of the U. S. beet sugar industry. Spreckels Sugar Beet B. 8: 31-33. Sept./Oct. 1945. 66.8 Sp7
- 24523 \*MUDALIAR, V. T. S. A new type of jaggery mould. Madras Agr. J. 31: 283-285. Oct. 1943. 22 M262
- 24524 MUIR, R. The Australian sugar industry. Prod. Rev. 35(10): 54-55. Aug. 15, 1945. 23 P942
- 24525 NAGEL, L. E. Making the most of sugar. Tex. Farming and Citric. 22(2): 8. Aug. 1945. 80 T31
- Sugar utilization and substitutes.
- 24526 QUAST, F., and GRASSMAN, M. Sugar savers and substitutes. Forecast 61(9): 58-59. Sept. 1945. 321.8 F76
- 24527 RODRIGUES, J. H. O açúcar segundo o depoimento de José da Silva Lisboa. Brasil Açucareiro 25: 237-245. Mar. 1945. 65.8 B73
- 24528 RODRIGUES, J. H. O Brasil no "História do Açúcar" de E. O. Von Lippmann. VII. Brasil Açucareiro 25: 334-338. Apr. 1945. 65.8 B73
- 24529 RODRIGUES, J. H. Notas à literatura brasileira sobre açúcar no século XVIII. I. Brasil Açucareiro 25: 420-424. May 1945. 65.8 B73
- 24530 SILVA, P. DA. A produção de açúcar de usinas e nossos principais produtos agrícolas no decênio 1933/42. Brasil Açucareiro 25: 212-219. Mar. 1945. 65.8 B73
- 24531 SKINNER, C. T. Canadian maple products industry. Internatl. Indus. (n. s.) 26: 128-129. Apr. 1945. 382 In8
- 24532 SNYDER, C. F., and HAMMOND, L. D. Expanded table of weights per United States gallon and weights per cubic foot of sugar (sucrose) solutions at 20° C. U. S. Natl. Bur. Standards. Let. C.-770, 26 p., processed. Washington, 1944. 157.88 L56
- 24533 \*SRIVASTAVA, R. C. Note on the production of sugar refined from gur in India in 1944. Indian Sugar 8: 173. June 1945. 65.8 In25
- 24534 THE SUGAR shortage lasts; peace alone cannot cure the defects of a billion-dollar industry that inevitably produces too much sugar between wars and too little during them. Fortune 32(4): 162-165, 228, 230, 232, 235-236. Oct. 1945. 110 F772
- A world sugar map is given, p. 166-167.
- 24535 VARZEA, A. Esplendor canavieiro do Vice-Reinado. Brasil Açucareiro 25: 252-255. Mar. 1945. 65.8 B73
- 24536 VASCONCELOS, R. Azúcar y Cuba son la misma cosa. Labor 4(90): 6. July 30, 1945. 8 L11
- 24537 VIDAL, A. História do açúcar na Paraíba. VII-IX. Brasil Açucareiro 25: 256-265, 342-349, 428-436. Mar.-May 1945. 65.8 B73
- 24538 VIVEIROS, J. DE. O açúcar através do periódico "O Auxiliador da Indústria Nacional." VII-IX. Brasil Açucareiro 25: 248-249, 350-352, 436-437. Mar.-May 1945. 65.8 B73
- TOBACCO
- 24539 \*EL ABASTECIMIENTO de tabaco en Europa. Agr. Levantino 11(124): 9-11. Mar. 1945. 15 Ag85
- 24540 ALEXANDER, A. L., and BOST, R. W. Some new derivatives of nicotine. Elisha Mitchell Sci. Soc. J. 61(1/2): 8-11. Aug. 1945. 500 EL4
- 24541 BORDELEAU, R. Le séchage des tabacs à pipe et à cigare. Terre de Chez Nous 17(49): 9, 20. Sept. 12, 1945. 7 T27
- 24542 CREEK, L. G. Why not control the flow of leaf to redrying plants and avoid loss? South. Tobacco J. 59(9): 12. Sept. 1945. 286.89 So82
- 24543 FERRARI, R. C. La curacion de los tabacos al aire natural. Argentina. Min. de Agr. Almanaque (1945) 20: 177-179. 9 Ag874
- 24544 GREENWOOD, T. Sorting, grading, tying of tobacco important factors for good prices. South. Tobacco J. 59(9): 5. Sept. 1945. 286.89 So82
- 24545 JACKSON, H. W. Virginia growers try aromatic tobacco. Commonwealth 12(8): 14-15, 21. Aug. 1945. 280.8 C732
- 24546 SHARPE, B. Turkish tobacco grown in U. S. Tobacco World 65(8): 6, 14. Aug. 1945. 286.89 T558
- 24547 STRICKLAND, V. D. Handy tobacco ... a proven packaging principle. Mod. Packaging 19(1): 126-127. Sept. 1945. 309.8 M72
- 24548 VILA MASIA, I. Lo que cuesta el placer de fumar. Es fascinadora la historia del tabaco, desde los días de Sir Walter, hasta el presente momento. Panama. Min. de Agr. y Com. Rev. de Agr. y Com. 4(47): 51-53. July 1945. 8 B3291
- MISCELLANEOUS PRODUCTS
- 24549 ARGENTINA. MINISTERIO DE AGRICULTURA. DIRECCIÓN DE PISCICULTURA Y PESCA. El porvenir de la industria argentina de conservas de pescados. Argentina. Min. de Agr. Almanaque (1945) 20: 391-393. 9 Ag874
- 24550 ARMITAGE, F. D. The microscopy of vegetable foods and drugs. Part XVII - Cinchona bark. Indus. Chem. and Chem. Mfr. 21: 469-472. Sept. 1945. 382 In22
- 24551 BIRKETT, C. B. Market for canned fish in Fiji. Canada. Dept. Trade and Com. Com. Intel. J. 73: 267-268. Sept. 22, 1945. 286.8 C16
- 24552 BROEN, M. El control, cosecha y almacenamiento de los bulbos de gladiolos. Argentina. Min. de Agr. Almanaque (1945) 20: 385-389. 9 Ag874
- 24553 \*CHOPRA, B. N. Curing and canning of prawns. Indian Farming 6: 260-265. June 1945. 22 In283
- 24554 COOPER, L. H. Some thoughts about our industry. Canad. Florist 40: 294-295. Sept. 5, 1945. 80 C163
- 24555 \*DUPONT, G., and ESCOURROU, R. Les roqueaux, matière première pour la fabrication des pâtes à papier. Chim. & Indus. [Paris] 45: 207-220. Mar. 1941. 383 C42
- 24556 GONZÁLEZ, M. Como se fabrica el alcohol. Agr. Mex. 61(7): 1-9. July 1945. 8 Ag8
- 24557 GUERRA, D. R. El alfa (Stipa tenacissima). Peru. Dir. Gen. de Agr. B. 17(52/55): 127-140. 1944. 9.8 P43B
- Includes utilization.
- 24558 HILL, D. D. A milestone in hop grading. Amer. Brewer 78(8): 22-23, 48. Aug. 1945. 390.8 Am3



24559 ILLINOIS. DEPT. OF AGRICULTURE. DIVISION OF PLANT INDUSTRY. List of certified Illinois nurseries, Jan. 1, 1945. Ill. Dept. Agr. Div. Plant Indus. C. 22, 21 p., processed. Springfield, 1945. 464.9 I16

24560 \*KOHLI, K. L. A directory of approved nurseries, seed houses and gardening firms. Punjab Fruit J. 6: 1114. Jan. 1942. 80 P962

24561 KOONCE, S. D., and BROWN, J. B. The n-allyphatic acids of carnauba wax; the isolation of tetra-cosanoic acid. Oil & Soap 22: 217-218. Sept. 1945. 307.8 J82

24562 \*LEMOIGNE, and LÉFÈVRE, J. Possibilités agricoles actuelles pour la production de l'alcool. Ann. des Fermentations 6: 85-97. Apr./June 1941. 390.08 An72

24563 MEISEL, H. Elaboración, características y empleo de la dextrosa químicamente pura, producida en gran escala comercial. Indus. y Quím. 7: 242-246. July 1945. 385 In28

24564 RATTRAY, M. Freezing brings fresh fish inland. Frosted Food Field 1(3): 3. Sept. 1945. 389.8 F92

24565 \*REIG FELIU, A. Importancia del cultivo floral y plantas ornamentales en Valencia. Agr. Levantino 11(123): 3-6. Feb. 1945. 15 Ag85

24566 SCHETTINI, F. Ética industrial y preparación de pescado salado tipo bacalao. Argentina. Min. de Agr. Almanaque (1945) 20: 349-352. 9 Ag874

24567 SELF, E. M. Commercial utilization of seaweeds. Internatl. Indus. (n.s.) 25: 96-97. Mar. 1944. 382 In8

As food, feed, and fertilizer.

24568 SHEWAN, J. M. The bacteriology of dehydrated fish. I. Qualitative and quantitative studies of the drying process. J. Hyg. [London] 44: 193-209. Sept. 1945. Ref. 449.8 J82

24569 TUSTIN, E. B., JR. Salt, useful mineral; historic commodity plays vital role in foods, agriculture and industry. Tiller 3(7): 1-2. Sept. 1945. 6 T46

## AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

### GENERAL

24570 ANDRÉ, A. J. Le Mozambique. Petit Casablanca 30(1227): 1. Aug. 25, 1945. 280.8 P44

Agriculture and economic conditions.

24571 \*BANK FOR INTERNATIONAL SETTLEMENTS. Annual report, 14th, 1943/44, 313 p. Basle, 1944. 284.9 B222

Includes international trade, price movements and cost of living indexes, and lend-lease.

24572 BERTHAULT, P. L'avenir économique agricole de l'Afrique du Nord. (Excerpts.) Petit Casablanca 30(1229): 4, 2. Sept. 8, 1945. 280.8 P44

24573 BHATNAGAR, SIR S. S. The new India. Internatl. Indus. (n. s.) 26: 123-124. Apr. 1945. 382 In 8

Agriculture and industry.

24574 BUCKATZSCH, E. J. M. Latin America in the world economy. Internatl. Indus. (n. s.) 25: 93-95. Mar. 1944. 382 In8

24575 BURTON, H. The Australian war economy, November, 1944-May, 1945. Econ. Rec. 21(40): 1-22. June 1945. 280.8 Ec74

Includes food production, prices and price control, rationing, and future economic policy.

24576 CELSO FILHO. Direitos em oposição. Brasil Açucareiro 25: 226-227. Mar. 1945. 65.8 B73

Economic conditions.

24577 CHAMBER OF COMMERCE OF THE UNITED STATES OF AMERICA. AGRICULTURAL COMMITTEE. Business looks at agriculture. Farm and Ranch 64(10): 14. Oct. 1945. 6 T31

Recommendations by the United States Chamber of Commerce.

24578 CHANG, C. Y. The prospects for Chinese democracy. Polit. Sci. Q. 40: 377-384. Sept. 1945. 280.8 P75

Includes discussion of land tenure and local government.

24579 CHANG, C. Y. Taiwan, China's lost province. Asia and Americas 45: 428-430. Sept. 1945. 286.8 Am31

Section on agriculture and forests.

24580 COLE, R. R. Industrial agriculture. Chemurg. Digest 4: 270-271. Aug. 31, 1945. 381 N213Na

24581 COLLIER, J. United States Indian administration as a laboratory of ethnic relations. Social Res. 12: 265-303. Sept. 1945. 280.8 So19

Includes discussion of social and economic conditions, Indian land, farming, and soil conservation.

24582 COXE, S. Korea's relief needs. Korea Econ. Digest 2: 176-179. Sept. 1945. 280.8 K84

24583 D. "L'Algérie"; sa situation économique en 1945. Petit Casablanca 30(1228): 1-2. Sept. 1, 1945. 280.8 P44

24584 DÍAZ A., F. Problemas rurales. Asoc. Gen. de Agr. [Guatemala]. B. 17, p. 3. July 24, 1945. 8 As52

24585 FRASER, F. W. Australia's economy and trade: a postwar view. Canada. Dept. Trade and Com. Com. Intel. J. 73: 257-264. Sept. 22, 1945. 286.8 C16

24586 \*GADGIL, D. R. Poona; a socio-economic survey. Pt. I. Economic. Gokhale Inst. Politics and Econ. P. 12, 300 p. Poona, 1945. 280.9 G56

24587 GATES, A. D. Our neighbors to the south. Competitors or cooperators? Prog. Farmer, Miss.-Ark.-La. Ed. 60(10): 70-71, 75. Oct. 1945. 6 So81

Tells about economic conditions, farming, agricultural crops, and agricultural education in Latin America.

24588 GIBSON, R. C. Dawn of new agricultural economy. Primary Prod. [Sydney] 22(31): 1, 7. Aug. 3, 1945. 23 P93

24589 \*GOMES, M. DE A., BARROS, H. DE, and CALDAS, E. DE C. Traços principais da evolução da agricultura portuguesa entre as duas guerras mundiais. Cent. de Estud. Econ. Rev., No. 1, p. 21-203. 1945. 280.9 C333

Includes population, agricultural capital, agricultural products, foreign trade, and consumption of agricultural products.

24590 GOTAAS, H. B. Progress in Amazon development. Amer. J. Econ. and Sociol. 4: 529-536. July 1945. 280.8 Am393

Transportation, economic development, and health work in the Amazon region.

24591 HENNESSEY, J. F., JR. Industrial Brazil. Com. Pan Amer., v. 14, No. 8/9, 110 p. Aug./Sept. 1945. 280.8 C736

Includes agricultural and pastoral industries.

24592 HORNBY, A. J. W. Northern Tripolitania: a dry Mediterranean coastal region. Econ. Geog. 21: 231-251. Oct. 1945. 278.8 Ec7

Contents: Physiography and water supply. History. Climate. Soils and vegetation. Agriculture. Collective settlements. Crops. Population. Livestock.

24593 HUDSON, R. S. Agriculture & industry. (Extracts.) Power Farmer 5: 68. Apr. 1945. 58.8 P872

Great Britain.

24594 HUGHES, E. R. China's economy and future. Internatl. Indus. (n. s.) 26: 301-302. (To be cont.) Sept. 1945. 382 In8

Agriculture and industry.



24595 HYNES, H. J. Founding Bureau of Agricultural Economics; value to primary producers; views of Dr. H. J. Hynes. *Country Life* [Sydney], 56(53): 15. July 20, 1945. 286.85 Sy2

24596 JOHNSON, E. S. A sociologist looks at Puerto Rico. *J. Legal and Polit. Sociol.* 3(3/4): 41-50. Summer 1945. 280.8 J828

Includes economic and agricultural problems.

24597 LAUTERBACH, A. H. Agriculture and industry must work together. *Hoard's Dairyman* 90: 483. Sept. 10, 1945. 44.8 H65

24598 LEAGUE OF NATIONS. ECONOMIC, FINANCIAL AND TRANSIT DEPT. World economic survey, 11, 1942/44, 292 p. Geneva, 1945. 280.9 L47P

Topics include raw materials, food supply, consumption and rationing, price movements and price control, and international trade.

24599 MCFARLANE, W. D. Chemistry and agricultural reconstruction. *O. A. C. Rev.* 57: 442-443, 466. Mid-summer 1945. 276.8 On8

24600 MANION, J. P. Effects of war on the western European economy. *Canada. Dept. Trade and Com. Com. Intel. J.* 73: 209-218. Sept. 8, 1945. 286.8 C16

Paragraph on agriculture.

24601 MEEKER, D. Surplus war material to improve rural living. *Land Policy Rev.* 8(3): 16-20. Fall 1945. 1 Ec7La

Military land, health materials, school and farm equipment will be made available by the Government for farmer purchase.

24602 MENDIETA Y NÚÑEZ, L. Ponencias presentadas... como delegado de la Universidad Nacional ante el Primer Congreso Revolucionario de Derecho Agrario, sobre la conveniencia de introducir reformas esenciales en el sistema crediticio ejidal. *Economista [Mexico, D. F.]* 13(147): 42-57. Aug. 1945. 280.8 Ec793

Includes the following: Reformas al sistema de crédito ejidal; Revisión del código agrario y establecimiento del patrimonio familiar; Preferencia a los amparos en materia agraria; Reformas al artículo 27 de la Constitución; La codificación agraria; Diferenciación de las dotaciones de tierras o de ejidos; Reglamentación de la pequeña propiedad en el código agrario; El juicio de amparo como garantía para la pequeña propiedad; Expresión jurídica y aplicación legal de la reforma agraria.

24603 \*NOEL, E. W. C. Individualism or collectivism in agriculture. *Indian Farming* 6: 209-211. May 1945. 22 In283

24604 OREAMUNO, J. R. La industrialización de la America Latina. *Pan Amer. Union. Bol.* 79: 549-557. Oct. 1945. 150.9 M76B

Brings out the relation of agricultural development to industrialization.

24605 \*RAMBAUD, B. Agriculture et industrie; quelques aperçus d'économie comparée. *Grignon Ecole Natl. d'Agr. Ann. (sér. 3)* 3: 1-15. 1942. 105.3 G872A

24606 ROBERTSON, H. M. The economic development of the Cape under Van Riebeeck. Pt. II. *So. African J. Econ.* 13: 75-90. June 1945. 280.8 So83

Includes agricultural development.

24607 SMITH, T. L. The cultural setting of agricultural extension work in Colombia. *Rural Sociol.* 10: 235-246. Sept. 1945. 281.28 R88

A discussion of climate, population, transportation, types of farming, land tenure, local government, taxation, and economic conditions.

24608 STERNBERG, F. Japan's economic imperialism. *Social Res.* 12: 328-349. Sept. 1945. 280.8 Sol9

Includes discussion of social and economic conditions, land tenure, and food production.

24609 \*SVENNILSON, I. Strukturella inslag i de senare årens ekonomiska utveckling. *Konjunkturinst., Stockholm. Meddel. Ser. B* 1, 91 p. Stockholm, 1939. 280.9 St6

Includes agricultural export and import, and agricultural income in Sweden.

24610 \*TOZZI, R. Cenni sulla regione della Goscia. *Agr. Colon.* 34: 462-468. Nov. 1940. 26 Ag82

Includes agriculture and rural life.

24611 \*TULLMANN. Arbeitersparnis durch zusammenlegung des gemeindelandes. *Landesbauernschaft Moselland. Wchnbl., No. 8*, p. 88. Feb. 19, 1944. 18 L2328

24612 LA TUNISIE; sa situation économique en 1945. *Petit Casablancais* 30(1226): 1-2. Aug. 18, 1945. 280.8 P44

Agriculture and economic conditions.

24613 U. S. BUREAU OF FOREIGN AND DOMESTIC COMMERCE. Portugal. *U. S. Bur. Foreign and Dom. Com. Internatl. Ref. Serv., v. 2*, No. 10, 19 p. Aug. 1945. 157.54 In8

Includes agriculture, forestry, and foreign trade.

24614 VECHSLER, M. J. Chilean economic conditions. *Canada. Dept. Trade and Com. Com. Intel. J.* 73: 270-271. Sept. 22, 1945. 286.8 C16

24615 \*VIGNEROT, M. Reconstitution des exploitations agricoles détruites ou endommagées à la suite d'actes de guerre. *Rev. des Agr. de France* 75: 5-6. Jan. 1943. 14 R325

24616 \*WEITZ, J. Development plan for Palestine; agricultural potentialities; scope for millions. *Palestine and Middle East* 17: 109-112, 114. July 1945. 286.8 P172

#### AGRICULTURAL FINANCE

24617 BARTLETT, R. W. Can purchasing power of farmers and city workers be maintained. *Popkess' Dairyman's J.* 32(6): 6, 10. Sept. 1945. 44.8 D142

24618 DOWELL, A. A. Investment in farm capital in Martin County by size of farm. *Minn. U. Agr. Ext. Farm Business Notes*, No. 272, p. 3. Aug. 24, 1945. 275.29 M663

24619 THE FARMER as a customer; many factors involved in his purchasing power. *Business Cond.*, Aug. 1945, inside cover, p. 8. 284.8 F31Ch

24620 GIBSON, R. C. Changes must come for producers to get fair deal. *Farmer and Settler* 40(23): 6. July 6, 1945. 23 F226

International finance in relation to Australian agriculture.

24621 MEXICO. COMISIÓN DE COORDINACIÓN ECONÓMICA NACIONAL. SECRETARÍA GENERAL. Los Consejos Mixtos de Economía Regional y la capacidad adquisitiva de la población rural. *Planificación Econ.*, No. 30, p. 113-119. Aug. 6, 1945. 280.8 P695

#### Credit

24622 ALBERGARIA, T. S. O cooperativismo e o credito agricola. *Cooperativismo* 5(50): 2. Nov. 1944. 280.28 C7872

24623 ASHE, H. J. "GI" loans for buying or starting a practice. *Vet. Med.* 40: 299-301. Sept. 1945. 41.8 M69

24624 ASHE, H. J. Veterans guaranteed \$100 monthly while starting a practice. *Vet. Med.* 40: 302-303. Sept. 1945. 41.8 M69

24625 CHURCH, L. F. The effect of crop loans on corn prices. *J. Business, U. Chicago* 18: 121-139. July 1945. 280.8 J825

24626 COFFMAN, D. Many seedsmen use field warehouse receipts. *Seed Trade News* 45(12): 16. Sept. 19, 1945. 61.8 Se3

Financing seed operations.



24627 DORRÉ, G. La nationalisation du crédit et des banques. Petit Casablancais 30(1228): 4. Sept. 1, 1945. 280.8 P44

24628 EASTMAN, E. R. The Farm Credit Board "takes steps." Amer. Agr. 142: 377, 399. Sept. 15, 1945. 6 Am3

The reorganization program of the Farm Credit Board of Springfield, Mass.

24629 GUEVARA C., E. La caja de crédito agrario. Vida Rural 6(72): 14-15. (To be cont.) July 1945. 9.4 V66  
Colombia.

24630 JONES, L. A. The farm credit picture. Westerner 8(8): 54-56. Sept. 1945. 49 W522

24631 KLEMM, R. T. Farm mortgages and farm mortgage debt retirement in Oklahoma. Cur. Farm Econ. [Okla. Sta.] 18: 82-86. Aug. 1945. 100 Ok4

24632 THE LOCAL bank should finance farm equipment loans. Impl. & Tractor 60(19): 32-33. Sept. 22, 1945. 58.8 W41

24633 MCCLELLAND, H. The future of farm loans is up to banks. Banking 38(3): 67-68, 142. Sept. 1945. 284.8 Am3

24634 \*NAGARKATTI, K. N. A new scheme for short and medium term loans. Madras J. Co-op. 36: 247-257. June 1945. 280.28 M26

24635 REID, E. B. Who profits when too large a loan is made on a farm? Mid-west. Banker 39(9): 10. Sept. 1945. 284.28 B222

24636 TENNANT, J. L. Peace fiscal changes. R. I. State Col. Ext. Better Rural Life 6(9): 1, 3. Sept. 1945. 275.29 R34B

Farm credit situation.

#### Income

24637 BODENSTEINER, L. J., and HOWELL, H. B. Net farm income slips; an analysis of the 1944 Farm Business Association records. Iowa Farm Econ. 11 (9): 10-11. Sept. 1945. 275.28 Io92

24638 DEVAULT, S. H. Safeguarding the orchard investment in the post-war period. Md. Agr. Soc.--Md. Farm Bur. Rpt. (1944) 29: 121-128. 1945. 4 M366

Effect of farm income and prices on the postwar economic position of fruit growers and suggestions on how to strengthen the economic position.

24639 INCOME levels of Australian farmers. IV. Rev. Mktg. Agr. Econ. (n. s.) 13: 168-174. July 1945. 286.8 M47M

24640 \*KONJUNKTURINSTITUTET, STOCKHOLM. Inkömsutveckling och köpkraftsöverskott under krigsåren. Konjunkturinst., Stockholm. Meddel. Ser. B 2, 176 p. Stockholm, 1943. 280.9 St6

Includes chapters on income from agriculture and forests in Sweden.

24641 POND, G. A., and NODLAND, T. R. Returns to tenants and landlords during the war. Minn. U. Agr. Ext. Farm Business Notes, No. 272, p. 1-2. Aug. 24, 1945. 275.29 M663

#### Insurance

24642 GOSS, A. S., ALTMAYER, A. J., and DU MOND, C. C. What farm leaders think about! social security for farmers. Better Farms 6(8): 4. Sept. 15, 1945. 6 B462

24643 LINCOLN, W. S. Citrus crop insurance. Pacific Rural Press, South. Ed. 150: 176. Sept. 15, 1945. 6 P112A

24644 MARQUARDT, R. K. Social security for farmers. Mont. Farmer 32(24): 13, 25. Aug. 15, 1945. 6 M764

24645 PEARSON, M. M. Complete insurance cover is shield against loss of valuable wool stocks. Farmer and Settler 40(24): 3. July 13, 1945. 23 F226

#### Taxation

24646 BROWN, H. G. Taxation according to "ability to pay;" what it means and what is wrong with it. Amer. J. Econ. and Sociol. 4: 461-477. July 1945. 280.8 Am393

Includes land-value taxation.

24647 GARCIA ISIDRO, M. La piel de contribuyente. Agricultura [Madrid], No. 158, p. 294-296. June 1945. 15 Ag84

24648 PHILLIPS, J. F. Tax reliefs under 1945 act - examples of how farming is affected. Farmer & Stock-Breeder 59: 1319. Aug. 21, 1945. 10 F228

Income Tax Act, 1945, Great Britain.

24649 PIOLETTI, L. A. Contribuciones e impuestos. Diario Rural 4(490): 12. June 27, 1945. 9.9 D54

Land taxation in Uruguay.

24650 PIOLETTI, L. A. Defensa rural. Diario Rural 4(494): 12. July 11, 1945. 9.9 D54

Uruguayan land taxation.

24651 PIOLETTI, L. A. Impuestos arbitrarios. Diario Rural 4(496): 10. July 18, 1945. 9.9 D54

Land taxation in Uruguay.

24652 TRIVIZ, A. E. New income tax ruling on livestock. Calif. Cult. 92: 473. Sept. 1, 1945. 6 Cl2

24653 WILLIAMSON, A. C. Tied cottages and farm houses: rates. Farmer & Stock-Breeder 59: 1402. Sept. 4, 1945. 10 F228

#### AGRICULTURAL LABOR AND WAGES

24654 BALLINGER, R. A. Wartime production trends per worker. Agr. Situation 29(9): 14-17. Sept. 1945. 1 Ec7Ag

Includes agricultural workers.

24655 BARLEY, H. D. Solving labour problems. Poultry World 77: 73. Aug. 17, 1945. 47.8 P8682

On the need for the improvement of wages, working conditions, and working hours for British farm labor.

24656 BOND, G. E. Harvest labor outlook spotty in Rhode Island. R. I. State Col. Ext. Better Rural Life 6(9): 1, 4. Sept. 1945. 275.29 R34B

24657 BRIDGES, A., and WAITE, A. M. Output of labour on milk-producing farms. Farm Econ. 4: 120-123. July/Dec. 1944. 281.8 F223

Great Britain.

24658 \*CASTELLANA, A. R. Contemporanea prestazione di attività impiegatizia in più aziende agrarie. Avanguardia Rurale 11: 96-102. July/Aug. 1940. 16 Av1

24659 CLARK, I. G. Sources of agricultural labor. N. Mex. Agr. Col. Ext. News 25(8): 5. Aug. 1945. 275.29 N463Ex

24660 DAVIS, J. H. Full employment...agriculture, through plan of full production and distribution, is vital to any program for labor. Dairyman's Price Rptr., Sept. 1945, p. 8-9. 280.28 D14

24661 DICKINS, D. Full employment, high incomes mean more cotton used. Miss. Farm Res. [Miss. Sta.] 8(8): 8. Aug. 1945. 100 M69M1

24662 DIXEY, R. N. A note on international comparisons of agricultural efficiency. Farm Econ. 4: 113-116. July/Dec. 1944. 281.8 F223

Includes statistics for per capita productivity of agricultural workers in various countries.

24663 DOW, G. F. Methods of increasing labor efficiency, and the effect on labor income of Maine dairy farmers. Maine Agr. Col. Ext. Farm Econ. Facts, No. 59, p. 1316, processed. Aug. 1945. 275.29 M281F

24664 FEDERACIÓN RURAL (URUGUAY). Consejo de salarios y regimen de despido para los trabajadores rurales. Diario Rural 4(491): 10-12. June 30, 1945. 9.9 D54

24665 GASCH, E. E. Prisoner of war labor. Sugar Beet 5(4): 26-27. Sept. 1945. 66.8 Su34B



24666 \*GUILLEBON, G. DE. Comment réduire la main-d'oeuvre spécialisée pour produire des betteraves sucrières en 1943. Rev. des Agr. de France 75: 39. Mar. 1943. 14 R325

24667 HALL, I. F. Labor requirements on dairy and general farms. Hoard's Dairyman 90: 485. Sept. 10, 1945. 44.8 H65

24668 \*KEMMERLY, C. E., JR. Farm labor in Louisiana. La. State U. La. Rural Econ. 7(3): 2-3. 7. Aug. 1945. 281.8 L93

24669 \*KISURIN, N. O proizvodstvennom obsluzhivani kolkhoznikov. Kolkhoz. Proizvod 5(3): 17. Mar. 1945. 281.8 K83

Describes practical services given to the collective farm workers at the kolkhoz "im. Budennogo" in the Voronezh region. 1. Nurseries for children; 2. Food; 3. Drinking water; 4. Instruction in repairing implements.

24670 \*LOZA, G. Organizatsiia truda na polevykh rabotakh [Organization of labor in field work]. Kolkhoz. Proizvod. 5(1/2): 19-21; (3): 28-29; (4/5): 24-25. Jan./Feb.-Apr./May, 1945. 281.8 K83

Contents: Pt. 1. Pakhota i boronovanie [Plowing and harrowing]; Pt. 2. Posev zernovykh i posadka kartofel' [Sowing of grains and planting of potatoes]; Pt. 3. Ukhod za propashnymi i senokos [Cultivation and hay-harvesting].

24671 M., C. F. What do the critics mean when they talk of "efficiency in farming"? Farmers' Gaz. [Dublin] 103: 522. Sept. 8, 1945. 10 F221

24672 \*MICHEL, K. Neue arbeits- und lohnbedingungen der landw. ostarbeiter und polnischen arbeitskräfte. Landesbauernschaft Moselland. Wchnbl., No. 32-33, p. 339-340, 350. Aug. 5-12, 1944. 18 L2328

24673 MOORE, A. C. Attracting poultry farm workers. Poultry [London] 97: 118. Aug. 21, 1945. 47.8 P869

24674 \*SCHRAMM, F. Die zukunft des ländlichen handwerks. Deut. Agrarpolitik 1: 150-152. Feb. 1943. 281.8 D48

24675 SHOOBRIDGE, H. W. Rural workers' wage problem. Tasmanian Fruitgrower & Farmer 30(265): 16-17. July 20, 1945. 23 T185

24676 U. S. DEPT. OF LABOR. DIVISION OF LABOR STANDARDS. Harvest nomads. U. S. Dept. Labor. Div. Labor Standards. B. 73, 20 p. Washington, 1945 158.58 B87

#### AGRICULTURE - SITUATION, POLICIES, AND PROGRAMS

24677 ANDERSON, C. P. Farmers have done a magnificent job. Co-op. Grain Q. 3(3): 3-9. Fall 1945. 280.28 C7898

24678 ANDERSON, C. P. You can't cure an appetite. Country Gent. 115(10): 12, 63. Oct. 1945. 6 C833

Importance of full employment to the farm market.

24679 ASOCIACIÓN AGROPECUARIA DE SALTO. La Asociación Agropecuaria de Salto se dirige al Presidente Améaga; en nombre de varias prestigiosas entidades rurales reunidas en asamblea extraordinaria, le plantea graves problemas del campo. Diario Rural 4(484): 12. June 6, 1945. 9.9 D54

Uruguay.

24680 \*BACKE, H. Die erzeugungsschlacht im 4. kriegsjahr. Landesbauernschaft Moselland. Wchnbl., No. 49, p. 878-881. Dec. 5, 1942. 18 L2328

24681 \*BADÍA, V. Perspectivas agrícolas valencianas; impresiones y comentarios de fin de año y comienzo del nuevo. Agr. Levantino 11(122): 7-8. Jan. 1945. 15 Ag85

24682 \*BR. Bäuerliche aufbauarbeit im Kreis Ahrweiler; das gebiet hervorragender edel- und spezialerzeugnisse. Landesbauernschaft Moselland. Wchnbl., No. 44, p. 796-797. Oct. 31, 1942. 18 L2328

24683 \*BR. Die bäuerliche leistungssteigerung im kreis Altenkirchen. Landesbauernschaft Moselland. Wchnbl., No. 51, p. 916-917. Dec. 19, 1942. 18 L2328

24684 \*BRUMMENBAUM. Die deutsche landwirtschaft vor neuen aufgaben. Landesbauernschaft Moselland. Wchnbl., No. 7, p. 74-75. Feb. 12, 1944. 18 L2328

24685 \*BRUMMENBAUM. Europas ernährungslage. Landesbauernschaft Moselland. Wchnbl., No. 26, p. 277. June 24, 1944. 18 L2328

24686 BULCOCK, F. W. Australia helps to feed world. Fine achievement despite labour shortage. Review by agricultural director. Primary Prod. [Sydney] 22(30): 7. July 27, 1945. 23 P93

24687 BUTZ, E. L. Perils of prosperity. Hoosier Farmer 30(9): 7, 18-20. Sept. 1945. 280.82 H76

Notes perils confronting farmers and offers solutions.

24688 CARLTON, F. T. Occupational trends and postwar policy. Amer. J. Econ. and Sociol. 4: 441-447. July 1945. 280.8 Am393

Includes agriculture.

24689 CHATTERTON, SIR A. Development of Indian industries. Internatl. Indus. 25: 417-420. Dec. 1944. 382 In8

Agriculture included.

One of a series of articles.

24690 CHEW, A. P. What's ahead for agriculture? New Repub. 113: 337-339. Sept. 17, 1945. 280.8 N

24691 CLAYTON, H. G. The food and crop situation. Citrus Indus. 26(9): 10-11. Sept. 1945. 80 C49

24692 COCHEL, W. A. Agriculture in 1943. Mo. State Hort. Soc. Proc. 1942/44: 92-94. Dec. 1944. 81 M692

24693 \*COSTA, E. DA. Extensive cultivation and the Bombay Plan. East. Econ. 2: 826-827. May 26, 1944. 280.8 Ea72

24694 CUNHA, J. R. Este es el momento de recordar a la campaña [Uruguay]. Diario Rural 4(495): 5. July 14, 1945. 9.9 D54

24695 \*DEFLASSIEUX. Observations sur l'année agricole 1943 au Colombier. Prog. Agr. et Vitic. 61: 147-151. May 7/14, 1944. 14 P94

24696 DIEMER, A. Adjusting farm production. Land and Home 8: 64-66. Sept. 1945. 281.28 C28

24697 DRUMMOND, W. M. What agriculture requires. Pt. I-II. Canad. Countryman 34(18): 3, 29, 30-31; (19): 3, 42-43. Sept. 1-15, 1945. 7 C833

24698 EASTERBROOK, L. F. El esfuerzo agrícola de Gran Bretaña. Res 13: 17707-17708. July 20, 1945. 286.85 R31

24699 ECHEVERRÍA, E. A. Plan de coordinación para el fomento de la riqueza. Asoc. Gen. de Agr. [Guatemala] B. 13, p. 1, 4. June 30, 1945. 8 As52

Agriculture in Guatemala.

24700 EIRE. DEPT. OF AGRICULTURE. Notes on the Emergency Powers (No. 296) Order, 1943. (Compulsory tillage for 1944.) Eire. Dept. Agr. J. 41: 317-321. Sept. 1944. 10 Ir2J

Issued as Spec. Leaflet No. 27, Nov. 1943.

24701 ELLIS, C. Mid-year outlook good as production, prices continue about high war-time levels. Miss. Farm Res. [Miss. Sta.] 8(8): 1, 8. Aug. 1945. 100 M69M1

Prospects for Mississippi.

24702 EWING, Q. Tingo María, dedicated to better agriculture. Agr. in the Americas 5: 163-165, 177. Sept. 1945. 1 F752A

24703 FEDERACIÓN RURAL (URUGUAY). Declaración al país y a los Poderes Públicos. Diario Rural 4 (500): 6-7. Aug. 1, 1945. 9.9 D54

Contains a section on agricultural policy.



- 24704 GRAU, M. En tres meses pueden estar en producción 7,500 caballerías de tierra [Cuba]. *Tierra Libre* 9(8): 11. Aug. 1945. 8 T443
- 24705 \*HARTMANN. An deiner ablieferung erkennt man deine haltung! Landesbauernschaft Moselland. *Wchnbl.*, No. 17, p. 190. Apr. 22, 1944. 18 L2328
- 24706 HINDUS, M. The Cossacks discover America; farmer-warriors of southern Russia built a modern agriculture on methods and machines from us that the Germans looted but could not destroy. *Country Gent.* 115(10): 15, 108-109. Oct. 1945. 6 C833
- 24707 HOFFMEISTER, H. The Consolidated Ute Indian Reservation. *Geog. Rev.* 35: 601-623. Oct. 1945. 500 Am35G  
Includes agriculture.
- 24708 HOLMES, G. A. British farmers and war effort. *New Zeal. J. Agr.* 71: 1, 3. July 16, 1945. 23 N48J
- 24709 HOTSCHER, C. E. La evolución de la agricultura argentina; su situación actual y sus posibilidades en la postguerra. Santa Fe. Inst. Expt. de Invest. y Fomento Agr.-Canad. P. Téc. 56, 146 p. Santa Fe, 1944. 102.5 Sa52  
Prepared for the Comisión Argentina de Fomento Interamericano.  
Deals with agriculture, agricultural policy, the industries which process agricultural products, and research.
- 24710 HYNES, H. J. Gravity of the European food situation. Restoration of agriculture now vital. *Primary Prod.* [Sydney] 22(30): 3. July 27, 1945. 23 P93
- 24711 INCH, T. P. Palestine - a misused land. *New Zeal. Dairy Exporter* 20(12): 19-22. Aug. 1, 1945. 44.8 N484  
Includes agricultural conditions.
- 24712 \*INDIA. FOODGRAINS POLICY COMMITTEE. Report, 1943, 160 p. Delhi, 1944. 281.359 In23
- 24713 JAMAICA. DEPT. OF AGRICULTURE. Annual report, 1943/44, 16 p. Kingston, 1945. 8 J227A  
Includes report of Sugar Control Board.
- 24714 KLEIN, P. New legislation affects farmers. *Calif. Cult.* 92: 481, 491. Sept. 15, 1945. 6 C12
- 24715 KYES, R. M. Importance of agriculture to the big city. *Certified Milk* 20(231): 3, 17-18. July 1945. 44.8 C33
- 24716 LADEJINSKY, W. I. Agriculture in Japan: prewar. *Foreign Agr.* 9: 130-142. Sept. 1945. 1.9 Ec7For
- 24717 LECONA, N. La cuestión agraria desde el punto de vista del derecho. *Economista [México]*, D. F., 13(147): 36-37. Aug. 1945. 280.8 Ec793
- 24718 MACCOLL, E. D. Comentarios: I, Consideraciones generales; II, Producción, especialización; III, Industrialización, comercialización; IV, Organización gremial y política. *Diario Rural* 4(486): 12; (487): 12; (488): 12; (489): 12. June 13-23, 1945. 9.9 D54  
Uruguay.
- 24719 MACCOLL, E. D. El productor del campo pide acción energética de conjunto. *Diario Rural* 4(501): 12. Aug. 4, 1945. 9.9 D54  
Problems of the rural classes in Uruguay.
- 24720 MCCONKEY, O. M. De-Nazifying German agriculture. Canadian has the job of re-organizing food production and administration in Province of Schleswig-Holstein in northern Germany. *Farmer's Mag.* 42(9): 9, 54-56. Sept. 1945. 7 C165
- 24721 MOELLIGOTT, T. J. "Crippled by external monetary forces"; plight of our agricultural industry. *Kerryman* 37, Aug. 26, 1944, p. 1, 4. 10.5 K46
- 24722 MCMILLEN, W. Should we really fear surpluses? *Farm J.* 69(10): 23-24. Oct. 1945. 6 F2212  
Future prospects of farming.
- 24723 MAESTRI, R. Necesidades del progreso agrícola [Cuba]. *Labor* 4(87): 8. June 20, 1945. 8 L11
- 24724 MATHIAS, P. E. Legislation; important issues affecting Illinois farmers are enacted. *Ill. Agr. Assoc. Rec.* 23(8): 6-11. Sept. 1945. 6 IL62
- 24725 MERCHANT, C. H. The agricultural situation and outlook. *Maine Agr. Col. Ext. Farm Econ. Facts*, No. 59, p. 1297-1299, processed. Aug. 1945. 275.29 M281F
- 24726 \*MORALES Y FRAILE, E. El interés del Congreso Agrícola de Galicia desbordó el marco regional, afectando a toda la Península; las conclusiones, entregadas ya al Caudillo, aseguran la mejora de la agricultura y la ganadería gallegas. *Agr. Levantino* 11(122): 13-15. Jan. 1945. 15 Ag85
- 24727 MOREIRA, M. A. En la zona de Laboulaye; Laboulaye nos da un ejemplo que debe ser imitado. *Rev. Mens. B. A. P.* 28(333): 29-35, 37, 39. Aug. 1945. 9 R326  
Agriculture and forestry included.
- 24728 NATIONAL FARMERS' UNION AND CHAMBER OF AGRICULTURE OF SCOTLAND. Ann. rpt. (abridged), 1943/44, 67 p. Glasgow, 1944. 280.83 N212
- 24729 PAEZ C., J. Perspectivas agrícolas de Caujul. *Peru. Dir. Gen. de Agr. B.* 17(52/55): 67-81. 1944. 9.8 P43B
- 24730 PUERTO RICO. AUDITOR. Annual report, 1943/44, 110 p. San Juan, 1945. 252.74 Au2  
Includes agriculture.
- 24731 ROCHE, J. DE LA. The French solution of the colonial problem: Toward a federal union. *J. Legal and Polit. Sociol.* 3(3/4): 5-28. Summer 1945. 280.8 J828  
Includes agriculture.
- 24732 ROSSLER, E. G. Medidas adoptadas por la junta para asegurar a los productores los beneficios dispuestos. *Bolsa de Com., Rosario. Rev.* 33(803): 3-6. June 30, 1945. 287 R71  
On the services of the Junta Reguladora de la Producción Agrícola.
- 24733 SCHULTZ, T. W. Will agriculture collapse? *Food Indus.* 17: 1020-1021, 1124, 1126, 1128. Sept. 1945. 389.8 F737
- 24734 A SCOTTISH farming survey; war compels searching of potential resources. *Farming News and North Brit. Agr.* 97(36): 2-3. Aug. 31, 1945. 10 N82  
Summarizes a survey-report made by the Department of Agriculture for Scotland.
- 24735 SEVERSON, H. Farm programs of Southern bankers. *Burroughs Clearing House* 29(12): 18-20, 48, 50. Sept. 1945. 284.8 B94
- 24736 STEWARD, B. A. The new [British] Government and agriculture. *N. F. U. Rec.* 23: 232-233. Sept. 1945. 281.8 N26
- 24737 SUÁREZ CAVIGLIA, O. R. Los Arabes y la agricultura. *Argentina. Min. de Agr. Almanaque* (1945) 20: 85-89. 9 Ag874
- 24738 TENNANT, J. L. State's farm industry closely allied to entire economy. *R. I. State Col. Ext. Serv. Better Rural Life* 6(8): 1-3. Aug. 1945. 275.29 R34B
- 24739 TURNER, J. Claim of farming for fair deal; official declaration by English leader. *Primary Prod.* [Sydney] 22(31): 3. Aug. 3, 1945. 23 P93  
Agricultural policy for Great Britain.
- 24740 \*VALENCIA, SPAIN. CÁMARA OFICIAL AGRÍCOLA. Memoria de las actividades de la Cámara durante el año 1944. *Agr. Levantino* 11(122): 9-12; (123): 7-9. Jan.-Feb. 1945. 15 Ag85
- 24741 VARELA MARTÍNEZ, R. La agricultura de Colombia y la de los Estados Unidos. *Rev. Agr. y Ganad.* 8(92): 4, 6, 11. May/June 1945. 9.4 R327
- 24742 \*VOGLER, J. Anbauplan 1944-45. *Landesbauernschaft Moselland. Wchnbl.*, No. 32, p. 335. Aug. 5, 1944. 18 L2328  
Production goals.



24743 VON DEIBLE, C. H. A visit to Jamaica. Agr. Soc. Trinidad & Tobago. Proc. 45(1): 43-49. Mar. 1945. 8 T73

Includes agriculture.

24744 \*WILLIKENS, W. Totalmobilmachung der ländlichen Wirtschaftskraft. Deut. Agrarpolitik 1: 135-140. Feb. 1943. 281.8 D48

24745 \*ZACHARIAS, C. W. B. The Grow More Food Campaign in Madras. Indian Co-op. Rev. 11: 9-31 Jan./Mar. 1945. 280.28 In2

#### Agriculture, Postwar

24746 ANDERSON, C. P. Post-war possibilities for agriculture. Shorthorn World 30(11): 47-49. Aug. 25, 1945. 43.8 Sh8

24747 DAY, E. W. Agriculture after the war. So. Austral. Dept. Agr. J. 48: 545-547. July 1945. 23 So84

24748 IMPER, A. D. Post-war agricultural economics. Scot. Farmer 53: 946. Sept. 8, 1945. 10 Sco8

24749 \*KARVE, D. G. Planning for plenty. East. Econ. 2: 886-887. June 9, 1944. 280.8 Ea72

24750 KIRCHER, W. H. Norway's plans for postwar farming. Farmer [St. Paul], Gen. Ed. 63(18): 1, 28-30. Sept. 15, 1945. 6 F2211

24751 MCMUNN, E. W. Post-war farm plans right from the grass roots. Ohio Farmer 196(6): 5, 38. Sept. 15, 1945. 6 Oh3

24752 MACNEIL, M. J. "How can our community best prepare itself for agriculture in the post-war period?" Marit. Farmer and Co-op. Dairyman 50(24): 9. Sept. 18, 1945. 7 C77

24753 SPARKS, G. A constructive postwar program for agriculture. State Govt. 18: 152-153, 167. Sept. 1945. 280.8 St2

24754 THOMAS, W. P., and BLANCH, G. T. Agriculture and the postwar period; broad shifts in production and distribution expected with return of peacetime conditions. Farm & Sci. [Utah Sta.] 6(3): 1-2, 4. Sept. 1945. 100 UtlF

24755 YUM, K. S. Problems in agriculture in post-war Korea. Korean Res. B. 2(1/2): 3-29. May 1945. 475 KB42

#### Subsidies

24756 B., W. The subsidisation of agricultural systems; whole-farm co-operative demonstrations show the way to better land management. Reconstruction recommendations in practice. Farmer's Weekly [Bloemfontein] 69: 1090-1091. Aug. 8, 1945. 24 F225

24757 BREEN, J. P. Falcon eyes watching subsidy on rayon. Farmer and Settler 40(28): 18. Aug. 10, 1945. 23 F226

24758 CLAFLIN, C. F. The sheep and lamb subsidy. Wool News 11(2): 3. Sept. 1945. 280.28 W882

24759 RICHARDS, O. M. Public getting milk 2c a quart under cost; subsidy blinds consumers to expense of production—market danger to farmers seen. Certified Milk 20(231): 7, 15. July 1945. 44.8 C33

24760 SHEPHERD, G. The problem of removing subsidies. Iowa Farm Econ. 11(9): 14-16. Sept. 1945. 275.28 Io92

24761 WILLIAMS, T. L. Food production subsidies effect. Primary Prod. [Sydney] 22(28): 1, 7. July 13, 1945. 23 P93

#### COST AND STANDARD OF LIVING

24762 ABRISQUETA, F. DE. El desarrollo de Bogotá y las investigaciones del costo de la vida obrera; un análisis sobre la recolección de precio para el cálculo de los índices del costo de la vida obrera en Bogotá. An. de Econ. y Estadís. 1(5): 41-83. May 1945. 255.5 An1

24763 \*BUDGETS de famille et niveaux de vie des ouvriers en Grande-Bretagne. B. de la Statis. Gén. de la France 33: 64-76. Jan./Mar. 1945. 260 St22  
Includes agricultural and rural families.

#### FARM MANAGEMENT AND LAND ECONOMICS

24764 ADAMS, B. Love of the land. Land Policy Rev. 8(3): 26-27. Fall 1945. 1 Ec7La

24765 AHALT, A. M. Family partnership. Country Gent. 115(10): 81. Oct. 1945. 6 C833

24766 \*AHMAD, N. A plea for collectivisation. Madras J. Co-op. 37: 17-21. July 1945. 280.28 M26

24767 ALMEIDA, D. A propósito da organização de cadastro. Brasil Açucareiro 25: 221-224. Mar. 1945. 65.8 B73

24768 \*ANTÓN BELLVER, E. ¿Finca rústica o urbana? Agr. Levantino 11(126): 30, 32. May 1945. 15 Ag85

Legal differentiation between the two.

24769 \*BACKE, H. Die historische mission des deutschen bauernums. Deut. Agrarpolitik 2: 153-156. Mar. 1944. 281.8 D48

24770 \*BADIA, V. Afanes y preocupaciones de los agricultores valencianos. Agr. Levantino 10 (120/121): 19-20. Nov./Dec. 1944. 15 Ag85

24771 \*BAUER, J. M. Der bäuerliche weg. Deut. Agrarpolitik 2: 170-174. Mar. 1944. 281.8 D48

24772 BENGSTON, B. Family farm. Land and Home 8: 66-67. Sept. 1945. 281.28 C28  
Farm operations.

24773 BIANCHI, S. P. La reforma agraria [Uruguay]. Diario Rural 4(500): 4. Aug. 1, 1945. 9.9 D54

24774 BOSMAN, G. J. Farming systems in the Transvaal. Farming in So. Africa 20: 399-403. July 1945. 24 So842

24775 \*BR. Vorbild fleissigen bäuerlichen schaffens im Moselland; besuch bei den mit dem kriegsverdienstkreuz ausgezeichneten moselländischen bauern. Landesbauernschaft Moselland. Wchnbl., No. 51, p. 915. Dec. 19, 1942. 18 L2328

24776 BUFFON, A. Le problème des terres. Guadeloupe. Serv. de l'Agr. Rev. Agr. (n. s.) 2: 99-101. July 1945. 8 R328

Uncultivated lands and the problem of distribution.

24777 \*CAVERO BLECUA, M. Las zonas de revalorización en Marruecos. Agricultura [Madrid]. Sup. de Colon., No. 3, p. 25-33. May 1945. 15 Ag84B  
Farms and farming.

24778 \*CHUVIKOV, V. 10 let Stalinskogo ustava. Kolkhoz. Proizvod. 5(1/2): 3-4. Jan./Feb. 1945. 281.8 K83

10 years of Stalin's policies on the collective farms.

24779 GORDON, J. J. Successful farmers of today and of future are practical economists. Country Life [Vernon] 29(9): 3, 30. Sept. 1945. 7 C832

24780 \*GRANDITSKIĬ, P. Nerushimyi zakon kolkhoznogo zhizni. Kolkhoz. Proizvod. 5(1/2): 5-9. Jan./Feb. 1945. 281.8 K83

Achievements of the kolkhoz "Borets" in the Moscow region, which followed Stalin's policies.

24781 HAGAN, A. R. A plan for peace; may answer many postwar problems on Missouri farms. Mo. Ruralist 86(18): 5, 18. Sept. 22, 1945. 6 R8891  
Balanced farming programs.

24782 HANSEN, E. Dealers should study changing farm methods. Feedstuffs 17(36): 24-26. Sept. 8, 1945. 286.81 F322

24783 HARDING, T. S. The record of subsistence homesteads. Amer. J. Econ. and Sociol. 4: 499-504. July 1945. 280.8 Am393



- 24784 HUTCHESON, H. E. Midview Farm forsakes corn for winter grain. South. Planter 106(9): 20. Sept. 1945. 6 So89
- Management of dairy farm in Henrico County, Va.
- 24785 IDAHO. STATE LAND DEPT. Biennial report, 27th, 1943/44, 16 p. Boise, 1944. 252.21 St2
- 24786 \*IL'IN, K. Invalidy voĭny na kolkhoznōi rabote. Kolkhoz. Proizvod. 5(1/2): 12. Jan./Feb. 1945. 281.8 K83
- Wounded veterans on collective farms.
- 24787 \*KALENDAR' kolkhoznika [Collective farmer's almanac], 1945, 63 p. Moskva, 1944. 30.3 K12
- 24788 \*KISELEV, I. O khoz'iaistvennoĭ predusmotritel'nosti [Foresight in planning farm work]. Kolkhoz. Proizvod. 5(1/2): 13-14. Jan./Feb. 1945. 281.8 K83
- 24789 LOVE, H. M. A place in the country. Va. Farm Econ., No. 77, p. 938-939. Aug. 1945. 275.29 V813
- 24790 MANSFIELD, W. S. Old saws and modern knowledge - III. Country Life [London] 98: 282-284. Aug. 17, 1945. 80 C83
- 24791 MARAIS, J. S. Reconstruction of farming in the western Cape Province. Farming in So. Africa 20: 397-398. July 1945. 24 So842
- 24792 MOORE, A. Farming for keeps. Country Gent. 115(9): 16, 53-54. Sept. 1945. 6 C833
- Management of Maple Hurst farm in Logan County, Ill. through four generations.
- 24793 MOSES, J. E. Sound farm practices pay off in Georgia. Cotton and Cotton Oil Press 46(19): 7. Sept. 22, 1945. 304.8 C822
- Tells about the TVA demonstration farms in Catoosa County, Ga.
- 24794 \*NIKITASHKO, T. Upravlenie delami v kolkhoze "Vtorafa piatiletka" [Management of affairs in the collective farm "Vtorafa piatiletka"]. Kolkhoz. Proizvod. 5(3): 18-19. Mar. 1945. 281.8 K83
- 24795 NODLAND, T. R., and POND, G. A. Annual report of the Farm Management Service for T. V. A. Phosphate-Test Demonstration Cooperators in Northwestern Minnesota, (March 1, 1944 to February 28, 1945). Minn. Div. Agr. Econ. Mimeog. Rpt. 154, 27 p. St. Paul, 1945. 281.9 M66
- Tennessee Valley Authority cooperating.
- 24796 NODLAND, T. R., and POND, G. A. Annual report of the Farm Management Service for T.V.A. Phosphate-Test Demonstration Cooperators in Southwestern Minnesota, 1944. Minn. Div. Agr. Econ. Mimeog. Rpt. 153, 28 p. St. Paul, 1945. 281.9 M66
- Tennessee Valley Authority cooperating.
- 24797 NODLAND, T. R., and POND, G. A. Annual report of the Southeastern Minnesota Farm Management Service 1944. Minn. Div. Agr. Econ. Mimeog. Rpt. 151, 33 p. St. Paul, 1945. 281.9 M66
- U. S. Bureau of Agricultural Economics cooperating.
- 24798 NODLAND, T. R., and POND, G. A. Annual report of the Southwestern Minnesota Farm Management Service, 1944. Minn. Div. Agr. Econ. Mimeog. Rpt. 152, 34 p. St. Paul, 1945. 281.9 M66
- U. S. Bureau of Agricultural Economics and the Southwest Minnesota Farm Management Association cooperating.
- 24799 PALMER, W. R. Demonstration farm program in Buncombe County, N. C. Farmers Fed. News 26(1): 16. Sept. 1945. 280.28 F225
- 24800 PHILLIPS, H. Two jobs at a time. Horace Phillips sees good prospects for intending smallholders to carry on their old job part-time. Smallholder 73(1847): 10. Aug. 10, 1945. 10 Sml
- 24801 PIPER, H. L. Just a hay farmer. New England Farmer 118(17): 4, 8. Sept. 8, 1945. 6 N442
- Management of Rhode Island dairy farm.
- 24802 REID, E. B. A romance in rice. News for Farmer Coops. 12(6): 6. Sept. 1945. 166.2 N47
- Cooperative rice farming near Richmond, Tex.
- 24803 \*REINTHALLER, A. Bauern auf kargen böden. Deut. Agrarpolitik 2: 217-219. May 1944. 281.8 D48
- 24804 \*RIECKE, H. J. Aufgaben und ziele der technik in der landwirtschaft. Deut. Agrarpolitik 2: 157-159. Mar. 1944. 281.8 D48
- 24805 RIVIÈRE, C. M. Cosas que conviene puntualizar. Diario Rural 4(498): 10. July 25, 1945. 9.9 D54
- Farming conditions causing the youth to leave the land in Uruguay.
- 24806 ROY, J. B. La ferme de Léon Sédillot. B. des Agr. 41(9): 12-13, 29. Sept. 1945. 7 B872
- 24807 SELLWOOD, T. A. Studies in farm management; a Hakataramea arable farm. New Zeal. J. Agr. 71(1): 59-65. July 16, 1945. 23 N48J
- 24808 SHAW, R. S. Madison bros. favor grassland farming. R. I. State Col. Ext. Better Rural Life 6(9): 2. Sept. 1945. 275.29 R34B
- Management of the Tockwotton dairy farm in North Kingston, R. I.
- 24809 SHAW, R. S. They still hold the fort. R. I. State Col. Ext. Serv. Better Rural Life 6(8): 1-2. Aug. 1945. 275.29 R34B
- Description of a dairy farm at Fort Hill, R. I.
- 24810 SHER, J. Mother earth and the Marianas. Country Gent. 115(9): 18, 69-71. Sept. 1945. 6 C833
- The U. S. Foreign Economic Administration farms in the Marianas.
- 24811 SYKES, F. New practice in agriculture explained. Experience of English farmer. Primary Prod. [Sydney] 22(28): 101; (29): 4, 7. July 13, 20, 1945. 23 P93
- 24812 \*TASHCHEV, E. Peredovoĭ kolkhoz. Kolkhoz. Proizvod. 5(3): 14-17. Mar. 1945. 281.8 K83
- Achievements of the collective farm "im. Stalina" in the Chuvash ASSR.
- 24813 TAYLOR, R. W. Good management and non-stripping overcome farm drudgery. Details of routine on a New Zealand [dairy] farm. Live Stock B., Aug. 1, 1945, p. 40-41. 23 F222
- 24814 \*TSVETOV, I. A. Leonid Ershov - predsedatel' kolkhoza. Kolkhoz. Proizvod. 5(1/2): 15-17. Jan./Feb. 1945. 281.8 K83
- Organization and management of the kolkhoz "Put' Lenina" by Leonid Ershov.
- 24815 \*TSVETOV, I. A. Zakon rosta. Kolkhoz. Proizvod. 5(3): 22-24. Mar. 1945. 281.8 K83
- Describes socialist competition in production on the collective farms "Kollektivnyi trud" and "Spartak" in the Kalinin region.
- 24816 TURKEY'S agricultural land law. Foreign Agr. 9: 142-144. Sept. 1945. 1.9 Ec7For
- Based on Turkey's new agricultural land bill, by E. B. Lawson in U. S. Cons. Rpt., No. 97, 77 p. June 27, 1945.
- 24817 U. S. GENERAL LAND OFFICE. Vacant public lands; areas, by States, counties, land districts and grazing districts and other information. U. S. Gen. Land Off. Inform. B. 4, 19 p. Washington, 1945. 156.55 In3
- 24818 UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG. Rural economics survey. Report of the Director, 1943/44, 7 p. Johannesburg, 1945. 281.9 J59
- Object is investigation of farming systems and of policies affecting agriculture in the Union of South Africa.
- 24819 \*WAECHTER, H. VON. Landtechnik im kriege. Deut. Agrarpolitik 2: 160-163. Mar. 1944. 281.8 D48



Bookkeeping and Records

24820 MARQUESTO, A. E. La contabilidad en la pequeña explotación agrícola. Argentina. Min. de Agr. Almanaque (1945) 20: 189-191. 9 Ag874

Cost of Production

24821 BARLOW, F. D., JR. The cost of establishing commercial peach orchards. La. State U. La. Rural Econ. 7(3): 4-5. Aug. 1945. 281.8 L93

24822 BARRETT, J. N. Fodder conservation plan for large stations; incorporating pasture improvement scheme. Past. Rev. 55: 509-510. (To be cont.) July 16, 1945. 23 An75

Includes planned production and cost of feeding sheep.

24823 BUCHANAN, M. T. Facts about production costs; study made in State of Washington reveals vital information on the economics of turkey raising. Turkey World 20(9): 20-21, 60-61. Sept. 1945. 47.38 T84

24824 DOW, G. F. Summary of the trend in estimated costs and returns in producing milk in Maine. Maine Milk Prod. 4(12): 2-3. Sept. 1945. 44.8 M28

24825 FENSKE, L. J., and EFFERSON, J. N. An analysis of labor requirements and costs and returns from cotton, sweet potatoes, peanuts, and corn on north Louisiana upland cotton farms in 1943. La. State U. La. Rural Econ. 7(3): 3, 7-8. Aug. 1945. 281.8 L93

24826 FRANCIS, K. Y. The cow and the accountant. West. Farm Leader 10: 292-293. (To be cont.) Sept. 21, 1945. 280.28 W52

Cost of milk production.

24827 GESSNER, A. L. Guides to costs in quick-freezing. News for Farmer Coops. 12(6): 9-10, 20. Sept. 1945. 166.2 N47

24828 HADLINGTON, E. The cost of producing eggs. Poultry Farmer [Sydney] 13(3): 9-10. July 21, 1945. 280.28 Or32

24829 \*IMPERIAL COUNCIL OF AGRICULTURAL RESEARCH. COMMITTEE. Report on; cost of cane cultivation in Bihar and the United Provinces. Indian Sugar 8: 175-177. June 1945. 65.8 In25

Includes cost of production of paddy and wheat.

24830 KOLLER, E. F. Creamery cost changes during the war. Minn. U. Agr. Ext. Farm Business Notes, No. 272, p. 2-3. Aug. 24, 1945. 275.29 M663  
Also in Creamery J. 56(9): 10. Sept. 1945. 44.8 C86; and Natl. Butter and Cheese J. 36(10): 37. Oct. 1945. 286.85 B98Bu

24831 LAMASTER, J. P. The business side of dairying. South. Dairy Prod. J. 38(3): 32-33, 36. Sept. 1945. 44.8 So83

24832 LLOYD, E. W. Can a flock of sheep be made to pay? Field 186: 145. Aug. 11, 1945. 10 F45

24833 NODLAND, T. R., and POND, G. A. Feed costs and returns from feeder cattle and feeder sheep, 1940-1943. Minn. Div. Agr. Econ. Mimeog. Rpt. 149, 16 p. St. Paul, 1945. 281.9 M66  
U. S. Bureau of Agricultural Economics cooperating.

24834 PHILLIPS, H. Low-cost livestock-keeping; on smallholdings it is not numbers but variety that pays. Smallholder 73(1851): 11. Sept. 7, 1945. 10 Sml

24835 PROULX, J. R. La production du porc est encore payante [Canada]. Terre de Chez Nous 17(48, 1. e. 47): 12. Aug. 29, 1945. 7 T27

24836 \*RAMAKRISHNA AYYAR, V. G. The economics of khadi versus mill cloth. Indian Textile J. 55: 596-698. July 1945. 304.8 In2

Suggests the manufacture of khadi as a subsidiary occupation for agriculturists and notes cost of production.

24837 SALINAS, J. G. Contribución al estudio de un sistema equitativo de liquidación de caña para la industria azucarera de Cuba. Asoc. de Téc. Azucareros Cuba. B. Ofic. 4: 147-170. July 1945. 65.9 As5B

24838 SCHRADER, A. L. Costs of producing apples and peaches in Maryland and their relation to prices and production practices. Md. Agr. Soc.--Md. Farm Bur. Rpt. (1944) 29: 135-144. 1945. 4 M366

24839 WARD, A. L. "Lower production cost" does not mean "less money for grower." Cotton and Cotton Oil Press 46(18): 16-17. Sept. 8, 1945. 304.8 C822

24840 ZAVORAL, H. G. Feed costs in hog production. Poland China World 32(8): 89. Sept. 1945. 46.8 Sw62

Farms - Number and Size

24841 CHAPMAN, P. W. Size of farm important factor in family income. Farm for Victory, No. 19, p. 12-13. Aug. 1945. 281.8 F226  
In the South.

Land Settlement and Colonization

24842 ALLEN, W. G. For the happy warrior. Land and Home 8: 83-84. Sept. 1945. 281.28 C28  
Land settlement of veterans in Great Britain.

24843 BADDELEY, J. M. State prepares for future tasks; plans made for important work during period of reconstruction. Farmer and Settler 40(23): 6. July 6, 1945. 23 F226

Includes veteran settlement for Australia.

24844 \*BEN-GURION, D. The case for the Jewish State; international good faith; transfer of first million. Palestine and Middle East 17: 106-108. July 1945. 286.8 F172

24845 \*CASADO DE LA FUENTE, C. La colonización en la República Argentina. Agricultura [Madrid]. Sup. de Colon., No. 3, p. 39-48. May 1945. 15 Ag84B

24846 FISHER, G. M. Resettling the [Japanese] evacuees. Far East. Survey 14: 265-268. Sept. 26, 1945. 280.9 In872

24847 HAIG, E. F. G. Co-operative agricultural settlements: an experiment in civilization. Farm and Forest 6(1): 36-39. Jan./Mar. 1945. 24 F226  
Plans for cooperative settlements in Nigeria.

24848 HARRISON, R. W. Land improvement vs. land settlement for the Southeast. South. Econ. J. 12 (1): 30-38. July 1945. 280.8 So84

24849 HART, V. B. War veterans want land. Farm Mach. and Equip., Sept. 1945, p. 24, 26. 58.8 F225

24850 \*HATESAUL, E. Der landarbeiter und der deutsche Osten. Deut. Agrarpolitik 1: 271-274. June 1943. 281.8 D48

24851 HEIMPEL, L. G. New farms for soldiers; after careful surveys several promising farm areas are being opened up in Newfoundland. Family Herald and Weekly Star 76(36): 3-4. Sept. 5, 1945. 7 F11

24852 LANTIS, M. Relocation [of Japanese] at Rohwer Center. Pt. 3-4. U. S. War Relocation Authority. Proj. Anal. Ser. 20-21, 27, 42 p., processed. Washington, 1945. 173.4 W192P

Contents: Pt. 3. Background for the resettlement of Rohwer farmers. Pt. 4. Prospects for the resettlement of Rohwer farmers.

24853 LLOYD, E. W. Ex-servicemen on the land. Field 186: 40. July 14, 1945. 10 F45

24854 \*MEDROW, S. Die ostsiedlung als gemeinschaftsaufgabe des landvolkes. Deut. Agrarpolitik 1: 268-271. June 1943. 281.8 D48

24855 N. S. W. plans for settling returned men on the land. Three main schemes and two smaller ones to cover all likely needs. Live Stock B., Aug. 1, 1945, p. 22, 31. 23 F222

24856 NELSON, L. Farms for veterans by Lowry Nelson and the joint statement by the Agriculture, Business, and Labor Committees on National Policy of the National Planning Association. Planning Pams., No. 47, 22 p. Washington, D. C., 1945. 280.9 N2153



24857 LA OBRA del Consejo Agrario Nacional; el sistema de colonización. Argentina. Min. de Agr. Almanaque (1945) 20: 169-170. 9 Ag874

24858 \*PAZOS, J. M. Una colonización completa: el núcleo de fincas del Guadalcacín. Agricultura [Madrid]. Sup. de Colon., No. 3, p. 8-16. May 1945. 15 Ag843

24859 PIOLETTI, L. A. La colonización y los pueblos de Ratas [Uruguay]. Diario Rural 4(500): 5. Aug. 1, 1945. 9.9 D54

24860 EL PRIMER Congreso Nacional de Colonización [Uruguay]. Asoc. de Ingen. Agrón. Rev. 17(2): 3-5, 7-43. June 1945. 290.9 As73

Partial contents: Conclusiones aprobadas en el Primer Congreso Nacional de Colonización, p. 7-13; Ponencias y trabajos sobre colonización pública y privada, p. 15-35; Ponencias y trabajos directa o indirectamente vinculados a la colonización, p. 37-43.

24861 \*RIECKE, H. J. Bauernsiedlung und volksaufbau. Deut. Agrarpolitik 1: 259-263. June 1943. 281.8 D48

24862 SALTWELL, A. Why all this talk of importing eggs. We can produce here [Great Britain] all we need - largely on waste - and, there are many ex-Servicemen anxious to do the job. Smallholder 73 (1851): 10. Sept. 7, 1945. 10 Sml

24863 \*SCHMIDT, K. Die geschichtlichen triebkräfte der ostsiedlung. Deut. Agrarpolitik 1: 280-284. June 1943. 281.8 D48

24864 SHAW, C. L. Affairs of the Sunset Province. Country Guide 64(9): 3. Sept. 1945. 7 G76  
Includes settlement of veterans on the land in British Columbia.

24865 U. S. GENERAL LAND OFFICE. Homesteading in continental United States; information relating to homestead laws and regulations. U. S. Gen. Land Off. Inform. B. 3, 8 p. Washington, reprint 1944. 156.55 In3

24866 WILSON, R. C. Practical angle on soldier settlement. (Address.) Country Life [Sydney] 57 (6): 9. (To be cont.) Aug. 10, 1945. 286.85 Sy2

#### Land Tenure

24867 \*ANTÓN BELLVER, E. Cuanto y que debe pagar el arrendatario al arrendador. Agr. Levantino 10(115): 16-19. June 1944. 15 Ag85  
Spain.

24868 \*ANTÓN BELLVER, E. El desahucio; sus causas en el arrendamiento rustico. Agr. Levantino 10(120/121): 13-15. Nov./Dec. 1944. 15 Ag85  
Spain.

24869 \*ANTÓN BELLVER, E. El retracto. Agr. Levantino 10(119): 22-24. Oct. 1944. 15 Ag85

A legal procedure under which persons may rescind a sale and repurchase the object under the same conditions under which it was sold. Includes farms.

24870 BUCCLEUCH, DUKE OF. The landowner's future. Land Union J. 42: 44-45. July/Aug. 1945. 282.8 L22

24871 HEALTH, W. E. A new classification of holdings. Scot. J. Agr. 25: 147-154. July 1945. 10 Sco82So

24872 HUNTER, H. Tenancy agreements - a warning. N. F. U. Rec. 23: 237. Sept. 1945. 281.8 N26

Great Britain.

24873 LORZ, V. Filosofemas sobre la tierra. Rev. de Agr. [San José] 17: 381, 383-385, 387-388. Aug. 1945. 8 Es1

Thoughts on land tenure.

24874 O'BRIEN, H. R. A step forward in farm leases. Country Gent. 115(10): 11, 60-62. Oct. 1945. 6 C833

24875 PENNSYLVANIA land titles and how acquired. Pa. Dept. Internal Aff. Monthly B. 13(9): 8-10. Aug. 1945. 280.9 P383

24876 PERDOMO, G. Derecho moral del campesino. Tierra Libre 9(8): 5. Aug. 1945. 8 T443

Right of the Cuban to own the land he works.

24877 PIOLETTI, L. A. Ley de arbitraje. Diario Rural 4(498): 9. July 25, 1945. 9.9 D54

On the Uruguayan law providing for arbitration between owners and renters of lands.

24878 \*TULLMANN. Landwirtschaftliche folgeeinrichtungen und splitterbesitz; erfahrungen bei der umlegung in der landesbauernschaft Moselland. Landesbauernschaft Moselland. Wchnbl., No. 43, p. 779. Oct. 24, 1942. 18 L2328

#### Land Utilization

24879 KIRKWOOD, F. B. Timberland clearing in Canada. Stock & Dairy Farmer 34(12): 6. Sept. 1945. 6 N8195

24880 MANSON, T. B. Land utilisation. Scot. J. Agr. 25: 121-125. July 1945. 10 Sco82So  
Planning.

24881 SMALLFIELD, P. W. Farming in New Zealand; land development. New Zeal. J. Agr. 71: 11-13, 15-20. July 16, 1945. 23 N48J

History and problems of the development of unimproved land for settlement.

24882 TOPHAM, P. Land conservation in Nyasaland; an attempt at widespread control 1937 to 1940. Farm and Forest 6(1): 5-8. Jan./Mar. 1945. 24 F226

#### Land Values and Valuation

24883 BLOOM, A. H. V. Legacy of neglect; a call for common-sense economics in solving the Fens' financial difficulties which threaten to handicap the development of some of England's most fertile land. Farmers Weekly [London] 33(9): 28. Aug. 31, 1945. 10 F2226

Land values.

24884 BROOKER, M. A. Trends in farm land values. La. State U. La. Rural Econ. 7(3): 1, 6-7. Aug. 1945. 281.8 L93

24885 FARM CREDIT ADMINISTRATION OF NEW ORLEANS. DIVISION OF RESEARCH. The farm real estate situation, April-June, 1945. Farm Credit Admin. New Orleans. Div. Res. C. R. E. 15, 11 p., processed. New Orleans, 1945. 282.9 F22

24886 JETER, F. H. New way to price land. Farm J. 69(10): 26. Oct. 1945. 6 F2212

Land prices in the flue-cured tobacco-growing areas of North Carolina.

24887 LOVE, H. M. The farm real estate situation. Va. Farm Econ., No. 77, p. 937-938. Aug. 1945. 275.29 V813

24888 LOWE, M. What's this farm land worth? To combat inflation Arkansas conducts appraisal clinics. Prog. Farmer, Miss.-Ark.-La. Ed. 60(10): 24, 74. Oct. 1945. 6 So81

24889 MORSE, T. D. Veterans, beware! Nation's Agr., Kans. Ed. 20(8): 4, 10-11. Sept. 1945. 280.82 B89A

Advice to prospective farm purchasers.

24890 PHILLIPS, H. Value for your money in buying land. Smallholder 73(1849): 10. Aug. 24, 1945. 10 Sml

Great Britain.

24891 SCASSO, J. M. Requisitos que deben tenerse en cuenta para la adquisición de una chacra. Argentina. Min. de Agr. Almanaque (1945) 20: 411-413. 9 Ag874

#### POPULATION

24892 ARCA PARRÓ, A. El medio geográfico y la población del Perú. Inst. Peruano Estadís. Estadís. Peruana 1(2): 8-32. Apr. 1945. 255.8 L62

24893 CLAWSON, M. What it means to be a Californian. Calif. Hist. Soc. Q. 24: 139-161. June 1945.

Role of migration.

24894 KEMP, L. A note on the use of the fertility ratio in the study of rural-urban differences in fertility. Rural Sociol. 10: 312-313. Sept. 1945. 281.28 R88



24895 \*MARCHAND, R. G. La concentration du personnel dans les entreprises en France entre les deux guerres. B. de la Statist. Gén. de la France 33: 77-100. Jan./Mar. 1945. 260 St22

Includes the population engaged in agriculture.

24896 MOORE, E. H. A tale of two villages. Rural Sociol. 10: 309-312. Sept. 1945. 281.28 R88  
Reports results of study on the mobility of high school graduates in the rural towns of Woodburn and Cottage Grove, Oreg.

24897 PIOLETTI, L. A. Inmigración al país [Uruguay]. Diario Rural 4(484): 4. June 6, 1945. 9.9 D54

24898 \*QUANTE, P. Bekämpfung der landflucht durch die dorfaufrüstung. Deut. Agrarpolitik 1: 156-158. Feb. 1943. 281.8 D48

#### RURAL SOCIAL ORGANIZATION

24899 FENTON, H. J. The fat of the land. New England Homestead 118(18): 18-19. Sept. 22, 1945. 6 N442

Rural life in New England.

24900 \*GOHEEN, J. L. Towards a happier day in rural India. Allahabad Farmer 19: 23-26. Mar. 1945. 22 A15

24901 KAUMI, B. K. A day in the life of a cotton grower. East African Agr. J. 11: 37-39. July 1945. 24 Ea74

Cotton farming in Uganda, with description of the life of the natives.

24902 KNIGHT, M. F. U. S. groups aid Mexico. Mex.-Amer. Rev. 13(9): 55, 122. Sept. 1945. 287 M572

Rural welfare and rehabilitation.

24903 LANDIS, J. T. Rural sociology in the teachers colleges of the United States. Rural Sociol. 10: 313-318. Sept. 1945. 281.28 R88  
Place of rural sociology in teacher training programs.

24904 OBANDO, N. Problemas del campo. Vida Rural 3(72): 5. July 1945. 9.4 V66  
Rural life, Colombia.

24905 REYNOLDS, J. B. Some inevitable changes in rural life and farming [Canada]. Farmer's Advocate and Home Mag. 80: 679, 711. Sept. 27, 1945. 7 F22

24906 STUART, J. Postwar planning in W-Hollow. Prog. Guide, Oct. 1945, p. 97-101. 470 P942  
Management and life on a farm in W-Hollow, Ky.

#### Human Ecology

24907 CLOVER, V. T. An economic and sociological study of a Kansas community. Fort Hays, Kans. State Col. Studies. Econ. Ser., No. 2, 71 p. Topeka, 1945. (Gen. Ser., No. 8) 280.9 K134E

Bibliography: Publications on Methods and Sources of Information for Community Surveys, p. 59-62.

A survey of Ellis County, Kans., including agriculture.

24908 DAVIES, V. Development of a scale to rate attitude of rural community satisfaction. Rural Sociol. 10: 246-255. Sept. 1945. 281.28 R88

24909 \*GRIESE, F. Im alten dorf. Deut. Agrarpolitik 2: 164-169. Mar. 1944. 281.8 D48

24910 JONES, G. C. I. Agriculture and Ibo village planning. Farm and Forest 6(1): 9-15. Jan./Mar. 1945. 24 F226

24911 \*KRUEDENER, A. FREIHERR VON. Landschaftsgestaltung und bäuerlicher Lebensstil. Deut. Agrarpolitik 1: 275-279. June 1943. 281.8 D48

Planning for village settlements.

24912 ROBERTS, L. Simplicity of the Welsh village. Field 186: 9-11. July 7, 1945. 10 F45

24913 SPATE, O. H. K. The Burmese village. Geog. Rev. 35: 523-543. Oct. 1945. 500 Am35G

24914 \*TIMM, A. Das wahrhafte dorf. Deut. Agrarpolitik 2: 238-242. May 1944. 281.8 D48

#### Institutions

24915 ANASTASIA, P. El técnico y el productor rural. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 235. May 31, 1945. 9.9 G15B

24916 REELER, M. N. Country school headache; shortage of cash, outmoded administrative set-up, lack of thoroughly trained teachers are chief causes of trouble. Capper's Farmer 56(9): 9, 25. Sept. 1945. 6 M693

24917 BENDER, R. E., and MCCLELLAND, J. B. The validity of counseling by teachers. Agr. Ed. Mag. 18: 74-75, 78. Oct. 1945. 275.8 Ag8  
Vocational agriculture.

24918 BRIDGES, J. What can we offer the top teachers? Agr. Ed. Mag. 18: 66. Oct. 1945. 275.8 Ag8

Of vocational agriculture.

24919 C., E. W. "School" properties to increase skill and efficiency of our sheep raisers. Farmer and Settler 40(26): 3. July 27, 1945. 23 F226

24920 CANADA. DEPT. OF TRADE and COMMERCE. BUREAU OF STATISTICS. Trends in Canadian family size; a preliminary report. Canada. Bur. Statist. B. F-1, 105 p. Ottawa, 1944. 253 St2B

Includes rural-urban differences in family size.

24921 CATO, C. L. A training centre for farmers of the future. New Zeal. Dairy Exporter 20(11): 18-19. July 2, 1945. 44.8 N484

On the plan for a farm center at the Wellington Boys' Institute, Wellington.

24922 CHAPMAN, P. W. Rural industries in south Alabama. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(9): 14, 49. Sept. 1945. 6 P945G

24923 CHATTOPADHYAY, K. P., and MUKHERJEE, R. The famine and disintegration of education in rural Bengal. Sci. and Cult. 11(1): 20-26. July 1945. 475 Sci24

24924 CORNWELL, L. School-health education in Cleveland County. N. C. State Bd. Health. Health B. 60(9): 5-7. Sept. 1945. 449.7 N81B

24925 COX, J. K. What's new over the State in rural school organization. Ill. Agr. Assoc. Rec. 23(8): 12-13. Sept. 1945. 6 IL62

Second of two articles.

24926 CURRIE, G. A. Rural education - for what? Prod. Rev. 35(9): 41-45; (10): 48-49. July 15, Aug. 15, 1945. 23 P942

Includes a paragraph on rural libraries in Australia.

24927 DECKER, B. E. Group projects as a device for creating interest and providing pupil participation. Agr. Ed. Mag. 18: 71, 77. Oct. 1945. 275.8 Ag8

Vocational agriculture.

24928 DENBIGH, B. R. Getting reports in on time. Agr. Ed. Mag. 18: 66. Oct. 1945. 275.8 Ag8  
In agricultural education.

24929 DU FRANE, B. Hats off to Ecuador! Hawaii Farm and Home 8(9): 6-7. Sept. 1945. 25 H3191

Manufacture of Panama hats.

24930 ECKLEY, N. O. How to organize a Vo-Ag Junior DHIA. Better Farming Methods. 17(7): 28, 38-39. Sept./Oct. 1945. 58.8 B46

Junior Dairy Herd Improvement Association.

24931 FRANCIS, E. K. L. The personality type of the peasant according to Hesiod's Works and Days; a culture case study. Rural Sociol. 10: 275-295. Sept. 1945. 281.28 R88

24932 FRY, H. S. Alberta's schools of agriculture. Country Guide 64(9): 8, 47-48. Sept. 1945. 7 G76

24933 FRYE, C. R. Planning—from the ground up; how co-ops in Ohio are designing expanded service facilities to fit local conditions and needs—and working together on it. Co-op 1(9): 10. Sept. 1945. 280.28 C7847



- 24934 GLOVER, K., and HARDING, T. S. Better health for country folks; local differences color two interesting experiments in getting "doctoring" to those who most need it—the medically forgotten people of farm and village. Survey Graphic 34: 372-375. Sept. 1945. 280.8 C37G  
Contents: I. In a Georgia cotton county. II. In the mountains of New Mexico.
- 24935 HAMLIN, H. M. The new role of the teacher-trainer. Agr. Ed. Mag. 18: 64-65, 67. Oct. 1945. 275.8 Ag8  
Vocational agriculture training at the University of Illinois.
- 24936 HODSON, P. C. Economy of the African peasant. Farm and Forest 6(1): 52-54. Jan./Mar. 1945. 24 F226
- 24937 HOGGEN, G. H. Community health centres and their function. Roy. Inst. Pub. Health and Hyg. J. 8: 198-204. Aug. 1945. 449.9 R813
- 24938 HULSLANDER, S. C. Training young farmers for postwar living. Agr. Ed. Mag. 18: 72-73. Oct. 1945. 275.8 Ag8  
Agricultural education in Pennsylvania.
- 24939 HUNT, F. Farm family of the year. Pract. Home Econ. 23: 371-372, 416, 418, 420. Sept. 1945. 321.8 H752  
The role of the Farm Security Administration in the rehabilitation of small farmers.
- 24940 JOHNSON, S. Training rural youth for farm and other occupations. Land Policy Rev. 8(3): 7-10. Fall 1945. 1 Ec7La
- 24941 JONES, R. C. Negroes in Latin America. Sociol. and Social Res. 30(1): 45-51. Sept./Oct. 1945. 280.8 Sol5
- 24942 KEMP, V. E. Rural industries to be encouraged. Commonwealth 12(8): 16. Aug. 1945. 280.8 C732
- 24943 KENTUCKY. DEPT. OF EDUCATION. DIVISION OF VOCATIONAL EDUCATION. Future Farmers of America in Kentucky's program of vocational agriculture, 1944-45. Ky. Dept. Ed. B. 12, p. 465-558. Feb. 1945. 4 F98F
- 24944 LARSON, G. Farmers can have better health services. Country Gent. 115(10): 14, 70, 72-73. Oct. 1945. 6 C833
- 24945 LEWIS, M. E. A rural health program. Farm and Dairy [Salem] 31(52): 4, 8. Sept. 7, 1945. 6 F2279
- 24946 MCGARRY, W. A. Book store on a farm; how Ed Robinson, of J. Walter Thompson, found himself catapulted into a mail-order venture selling literature to avid part-time farmers. Printers' Ink 112(10): 23-24, 106, 108. Sept. 7, 1945. 238.8 P932
- 24947 MCKERIHAN, C. R. Future outlook for Australia's rural industries. Farmer and Settler 40(23): 7. July 6, 1945. 23 F226
- 24948 MCNULTY, R. The farmer goes to school. Feedstuffs 17(37): 44. Sept. 15, 1945. 286.81 F322  
Program for educational meetings held by feed dealers.
- 24949 MANITOBA. DEPT. OF EDUCATION. School areas in Manitoba. Manitoba Co-op. 3(4): 12. Sept. 15, 1945. 280.28 M31  
Second of four articles.
- 24950 MOBLEY, M. D. Farmer training program for a million veterans. Farm for Victory, No. 19, p. 13. Aug. 1945. 281.8 F226
- 24951 MONTGOMERY, J. E. Experimenting in rural health organization. Rural Sociol. 10: 296-308. Sept. 1945. 281.28 R88  
An analysis of health needs and facilities in Newton County, Miss., before and after the organization of the experimental health program of the Newton County Health Services Association, Inc.
- 24952 MOORE, A. C. Training to be a poultryman. Poultry [London] 97: 134. Aug. 28, 1945. 47.8 P869
- 24953 MOSELEY, W. R. Growing into farming. Agr. Ed. Mag. 18: 70. Oct. 1945. 275.8 Ag8  
Vocational agriculture and its results.
- 24954 \*MÜHLEIS, R. Kriegsberufswettkampf und bäuerliches berufserziehungswerk. Landesbauernschaft Moselland. Wchnbl., No. 9, p. 99. Feb. 26, 1944. 18 L2328
- 24955 NEWARK, C. Doctors and hospitals in Iowa. Iowa Farm Econ. 11(9): 6-7. Sept. 1945. 275.28 Io92
- 24956 NEWARK, C. How healthy are Iowans? Iowa Farm Econ. 11(8): 6-7. Aug. 1945. 275.28 Io92
- 24957 ORCHARD, M. Health centers for rural people. Farm and Ranch 64(10): 18-19. Oct. 1945. 6 T31
- 24958 ORCHARD, M. They shall not die. Farm and Ranch 64(9): 14, 16. Sept. 1945. 6 T31  
Organization and financing of rural health centers. Second of a series of articles.
- 24959 PRICE, C. W., JR. Solving the problem of sheep shearers. Ext. Serv. Rev. 16: 136. Sept. 1945. 1 Ex892Ex  
On the three days' sheep-shearing courses given in Louisiana.
- 24960 RAPEL, A. What farmers want from their rural schools. Land Policy Rev. 8(3): 3-6. Fall 1945. 1 Ec7La
- 24961 \*RECHENBACH, H. Landfamilie - bauernreich. Deut. Agrarpolitik 1: 263-267. June 1943. 281.8 D48
- 24962 ROY, J. B. La ferme école de St-Rémi. Terre de Chez Nous 17(51, i. e. 50): 8, 14. Sept. 19, 1945. 7 T27
- 24963 SANDERS, C. A community sheep program makes good teaching possible. Agr. Ed. Mag. 18: 68. Oct. 1945. 275.8 Ag8
- 24964 STOTT, L. H. Family prosperity in relation to the psychological adjustments of farm folk. Rural Sociol. 10: 256-263. Sept. 1945. 281.28 R88
- 24965 SWANTON, M. K. Teaching cooperation. (Condensed.) Coop. Digest 6(3): 54-55. Sept. 1945. 280.28 C7896  
Teaching cooperation in high schools and vocational schools in Wisconsin.
- 24966 TAYLOR, H. B. Keeping in step in 1945. Agr. Ed. Mag. 18: 69, 73. Oct. 1945. 275.8 Ag8  
Forums in agricultural education for teachers in Indiana.
- 24967 \*THOMAS, P. J. Future of cottage industries in India; should they survive? Indian Textile J. 55: 640-642. June 1945. 304.3 In2
- 24968 THURBER, E. American agricultural college libraries, 1862-1900. Col. and Res. Libr. 6: 346-352. Sept. 1945. 243.8 C68
- 24969 TORRES, V. Sociologia da cana de açúcar. Brasil Açucareiro 25: 362-363, 442-444. (To be cont.) Apr., May 1945. 65.8 B73
- 24970 U. S. WAR RELOCATION AUTHORITY. Biography of a Nisei celery farmer from Venice, California. U. S. War Relocation Authority. Community Anal. Notes. No. 6, 15 p., processed. Washington, 1944. 173.4 W192Co
- 24971 WASHBURN, B. E. School-health service in the Rutherford-Polk district. N. C. State Bd. Health. Health B. 60(9): 14-15. Sept. 1945. 449.7 N81B
- 24972 WHITEHOUSE, F. Rural education and training. Past. Rev. 55: 507-508. July 16, 1945. 23 Au75
- 24973 WILLIAMS, C. O. Study by rural veterans: the rural community's part. Land Policy Rev. 8(3): 11-15. Fall 1945. 1 Ec7La
- Leadership
- 24974 VIRGINIA. UNIVERSITY. EXTENSION DIVISION. Finding the leaders. Va. U. Ext. Div. P. New Dominion Ser. 72, 11 p. Charlottesville, 1945. 280.9 V814



Rural Organizations and Movements

- 24975 BAIN, H. M. Why farmers cooperate. Iowa Farm Econ. 11(8): 10. Aug. 1945. 275.28 I092
- 24976 BARRON, R. L. Plan your 1945-1946 FFA program of work. Better Farming Methods 17(7): 24, 50. Sept./Oct. 1945. 58.8 B46
- 24977 BRETON, J. A. Les clubs 4-H du Québec. Forêt Québécoise 10: 149-152. Sept. 1945. 99.8 F79
- 24978 CAVALLARO, C. D. Co-op's basic financial structure very different from usual profit enterprise; financing also differs. Sunsweet Standard 39(3): 2. Aug. 1945. 286.83 Su7
- 24979 CHANDLER, A. L. Cooperative revolving fund. Coop. Digest 6(3): 52-53. Sept. 1945. 280.28 C7896
- 24980 CHÁVEZ NÚÑEZ, F. El cooperativismo en Costa Rica. Pan Amer. Union. Bol. 79: 597-602. Oct. 1945. 150.9 M76B  
Includes description of an agricultural producers' cooperative.
- 24981 CLARK, L. Polish co-ops rise to the job. News for Farmer Coops. 12(6): 15-16. Sept. 1945. 166.2 N47
- 24982 CONFEDERACIÓN DE ASOCIACIONES RURALES DE BUENOS AIRES Y LA PAMPA. Memoria y balance, 13th, 1944/45, 118 p. Buenos Aires, 1945. 9 C762
- 24983 COYNE, E. J. Agricultural co-operation. Agr. Ireland 3: 101-103. (To be cont.) Sept. 1945. 10.5 Ag8
- 24984 EASTERBROOK, L. F. La agricultura a base de ayuda mutua. Res 13: 17724. July 20, 1945. 286.85 R31  
Cooperation in Great Britain.
- 24985 EASTERBROOK, L. F. Young Farmers' Clubs in Britain. Farmer's Mag. 42(9): 11, 56-57. Sept. 1945. 7 C165
- 24986 \*EKSTRÖM, B. Investeringsfonden: säg inte att vi inte ha råd! Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige och Gästrikland 15(24): 1, 11. June 16, 1945. 11 J762  
On the creation of a central investment fund in the Swedish Agricultural Association.
- 24987 ELSWORTH, R. H. Local associations continue backbone of farmer co-operative movement both in membership and in business volume. Sunsweet Standard 39(3): 10-11. Aug. 1945. 286.83 Su7
- 24988 EMANUEL, V. An industrialist comments on attack against co-operatives. Manitoba Co-op. 3(4): 8. (To be cont.) Sept. 15, 1945. 280.28 M31
- 24989 F., R. Long Island Farmers' Institute. Rural New-Yorker 104: 388. Sept. 1, 1945. 6 R88
- 24990 FABRA RIVAS, A. La cooperación agrícola. Vida Rural 6(72): 16-17. July 1945. 9.4 V66
- 24991 GOETTLER, B. FFA [Future Farmers of America] builds better farms--and better men for them. Prairie Farmer, Ind. Ed. 117(18): 16. Sept. 1, 1945. 6 P883C
- 24992 \*GRAND, R. La nouvelle loi sur la corporation agricole. Rev. des Agr. de France 75: 35-36. Mar. 1943. 14 R325
- 24993 JONES, A. C. How one Grange does good work. South. Planter 106(9): 16. Sept. 1945. 6 S089  
The Iron Bridge Grange, Nottoway County, Va.
- 24994 LASERIE, E. Cooperativas [Cuba]. Tierra Libre 9(8): 9. Aug. 1945. 8 T443
- 24995 LEBEL, L. L'union catholique des fermiers; l'oeuvre de l'U. C. C. Terre de Chez Nous 17(48, 1. e. 47): 3, 19. Aug. 29, 1945. 7 T27
- 24996 LINCOLN, M. D. On the threshold of world opportunity; extracts from talk at the post-war planning meeting of the International Cooperative Alliance at London last month, in which the head of the American cooperative movement outlined the challenge and responsibility of cooperators to build a dependable foundation for world understanding and security. Co-op 1(10): 5. Oct. 1945. 280.28 C7847
- 24997 MCDOWELL, M. C. The 4-H girl at school, [clothing clubs]. Pa. State Col. Agr. Ext. C. 198, rev., 26 p. State College, 1944. 275.29 P38C
- 24998 MCKNIGHT, D. The viewpoint of a 4-H club boy. Md. Agr. Soc.--Md. Farm Bur. Rpt. (1944): 29: 49-50. 1945. 4 M366
- 24999 MITCHELL, R. C. Developing leadership. Agr. Ed. Mag. 18: 76. Oct. 1945. 275.8 Ag8  
Future Farmers of America.
- 25000 NEW JERSEY. DEPT. OF AGRICULTURE. County boards of agriculture and State agricultural organizations for 1945. N. J. Dept. Agr. C. 354, 56 p. Trenton, 1945. 2 N46C
- 25001 NIELANDER, W. Co-op planning for post-war must stress improved merchandising and distribution. Sunsweet Standard 39(3): 12. Aug. 1945. 286.83 Su7
- 25002 PENNINGTON, H. A. Production alone not enough. Nation's Agr., Kans. Ed. 20(8): 10b, 10d. Sept. 1945. 280.82 B89A  
On the importance of having a membership in the American Farm Bureau Federation.
- 25003 PERSON, J. A. An unusual success story from Nebraska. News for Farmer Coops. 12(6): 11. Sept. 1945. 166.2 N47  
Financing of the Farmers Cooperative Exchange, Wauneta, Nebr.
- 25004 PONTGARREG Y. F. C. Rural customs. Young Farmer 13: 93-96. Sept./Oct. 1945. 10 Y8
- 25005 \*POPAWALA, The Bombay Provincial Co-op. Marketing Society, Ltd. Madras J. Co-op. 37: 9-12. July 1945. 280.28 M26
- 25006 QUINTANA, F. La cooperación como base de un progreso efectivo. Asoc. Gen. de Agr. [Guatemala]. B. 15, p. 3. July 14, 1945. 8 As52
- 25007 RISOTTO, A. La agremiación busca la unión de todos los rurales para defender los derechos de cada uno. Diario Rural 4(495): 11. July 14, 1945. 9.9 D54
- 25008 RIVIÉRE, C. M. Bregando por nuestro ideal. Diario Rural 4(495): 12. July 14, 1945. 9.9 D54  
Need for organization of Uruguayan producers.
- 25009 RIVIÉRE, C. M. Exaltando al movimiento de unión. Diario Rural 4(499): 12. July 28, 1945. 9.9 D54  
Uruguay.
- 25010 RIVIÉRE, C. M. Situación sobre la cual los productores deben meditar. Diario Rural 4(486): 8. June 13, 1945. 9.9 D54  
Need for organization among Uruguayan farmers.
- 25011 SANCHES, E. Cooperativismo e organização agrícola. Cooperativismo 5(50): 4. Nov. 1944. 280.28 C7872
- 25012 SÃO PAULO. DEPT. DE ASSISTÊNCIA AO COOPERATIVISMO. Organização de cooperativas; objetivos sociais. São Paulo. Dept. de Assistência ao Cooperativismo. P. 131, 36 p. São Paulo, 1944. 280.29 Sa6  
Includes agricultural cooperatives.
- 25013 TASMANIAN PRODUCERS' ORGANISATION. Ninth annual report, 30th June, 1945. Tasmanian Farmer 8(10): 2-5. July 1945. 23 T186
- 25014 TIPTON, A. L. The 4-H girl's viewpoint. Md. Agr. Soc.--Md. Farm Bur. Rpt. (1944) 29: 50-53. 1945. 4 M366
- 25015 TURNER, J. International co-operation in agriculture. Estate Mag. 45: 197-201. Aug. 1945. 10 Es8

## RURAL SOCIAL PSYCHOLOGY

- 25016 DUVALL, E. M., and MOTZ, A. B. Are country girls so different? Rural Sociol. 10: 263-274. Sept. 1945. 281.28 R88
- 25017 GELBACH, M. Vermont farm women study world affairs. Country Gent. 115(10): 98-97. Oct. 1945. 6 C833  
Program for discussion group.



25018 GRAY, L. C. Sees forums as basic need. Rural Co-op. 9(23): 3. Aug. 14, 1945. 280.28 R88  
Report of address by W. Neelands on farm radio forums in Canada.

25019 STAPLES, R. S. Farm Radio Forum training ground for group action. Manitoba Co-op. 3(4): 7. Sept. 15, 1945. 280.28 M31

#### TRADE, FOREIGN AND INTERNATIONAL

25020 AMAYA ROJAS, A. La estadística colombiana de comercio exterior. An. de Econ. y Estadís. 1(5): 91-96. May 1945. 255.5 An1

Includes agricultural products.

25021 AMERY, W. B. Britain's need for food. New Zeal. Dairy Exporter 20(12): 30-31. Aug. 1, 1945. 44.8 N484

Need for importing dairy products from Australia and New Zealand stressed.

25022 ANÁLISIS de la exportación argentina de trigo, año agrícola-comercial 1944. Argentina. Comm. Nac. de Granos y Elevadores. B. Inform. 9: 89-96. June 30, 1945. 286.81 Ar3

25023 \*BADÍA, V. Diez mil toneladas de fruta española para Inglaterra y Estados Unidos. Agr. Levantino 11(125): 9-10. Apr. 1945. 15 Ag85

25024 BILLINGSLEY, G. B. C. poultrymen will have assured, profitable egg sale in Britain if quality high. Country Life [Vernon], 29(9): 5. Sept. 1945. 7 G832

25025 BOYD, D. T. United States seem as potential market for increased quantities of our wool clip. Lower tariff would mean much to Australia. Farmer and Settler 40(28): 15. Aug. 10, 1945. 23 F226

25026 BROWNLEE, J. E. The constitution and post-war years. West. Farm Leader 10: 295, 298. (To be cont.) Sept. 21, 1945. 280.28 W52

Reference to livestock marketing and trade with United States.

25027 \*CABALLERO, J. M. Comercio exterior de España en el primer semestre de 1944. II. Inform. Com. Españ., ser. 3, No. 119, sup., p. 14-17. May 25, 1945. 286.8 In3

Includes agricultural products.

25028 CHALMERS, H. What is ahead now in foreign-trade policies? Foreign Com. Weekly 20(12): 3-4, 45-46. Sept. 15, 1945. 157.54 F763

25029 CURRAN, G. B. Britain to buy Danish bacon. Canad. Countryman 34(19): 25-26. Sept. 15, 1945. 7 G833

25030 EL SALVADOR. DEPARTAMENTO DE EXPORTACIONES DE CAFÉ. Informe, 1942, 40 p. San Salvador, 1943? 254 Sa56

25031 EVANS, O. R. France buys our horses; allied needs for rehabilitation open up big export market for Canadian-bred stock. Family Herald and Weekly Star 76(36): 7, 11. Sept. 5, 1945. 7 F11

25032 GRADY, H. F. Bank opportunities in foreign trade. Burroughs Clearing House 29(12): 16-17, 50, 52-54. Sept. 1945. 284.8 B94

25033 HADSEL, W. N. Lend-lease reckoning forces showdown on trade policies. Foreign Policy B. 24(47): 2-3. Sept. 7, 1945. 280.9 F76B

25034 HEARE, G. E. Effects of the war on Brazil's foreign trade. U. S. Bur. Foreign and Dom. Com. Internatl. Ref. Serv., v. 2, No. 4, 22 p. Washington, 1945. 157.54 In8

Includes agricultural products.

25035 KLEMMER, H. Lend-lease and the Russian victory. Natl. Geog. Mag. 88: 499-512. Oct. 1945. 470 N213

25036 KUNSTENAR, J. U. S. trade in 1944 with other American republics. Foreign Com. Weekly 20(11): 3-5, 35-37. Sept. 8, 1945. 157.54 F763

Includes agricultural products.

25037 LIMA SOBRINHO, B. O açúcar e o mercado internacional. Brazil Açucareiro 25: 316-317. Apr. 1945. 65.8 B73

25038 \*LORENTE ZARO, M. La industria resinera y sus productos de exportación. Inform. Com. Españ., ser. 3, No. 119, p. 5-10. May 25, 1945. 286.8 In3

25039 MACCOLL, E. D. Exportación de ganados al Brasil. Diario Rural 4(494): 10. July 11, 1945. 9.9 D54

From Uruguay.

25040 MACDONALD, S. G. Trading conditions with Scandinavia and Finland. Canada. Dept. Trade and Com. Com. Intel. J. 73: 185-190. Sept. 1, 1945. 286.8 C16

25041 \*MORGADO, N. A. Números-índices do comércio externo das colónias portuguesas de Africa. Portugal. Inst. Nac. de Estatís. Estudos 7, 49 p. Lisboa, 1945. 264 F49Est

25042 NEW YORK. UNIVERSITY. INSTITUTE OF INTERNATIONAL FINANCE. The prospects of Soviet-American trade relations. N. Y. U. Inst. Internatl. Finance. B. 139, 24 p. N. Y., 1945. 284.9 In7

25043 \*SANCHEZ MENENDEZ-RIVAS, F. Comercio exterior del arroz. Inform. Com. Españ., ser. 3, No. 116, sup., p. 7-11. Apr. 10, 1945. 286.8 In3

25044 \*SERDAN, M. Importación de tabaco durante el año 1944. Inform. Com. Españ., ser. 3, No. 114, sup., p. 10-12. Mar. 10, 1945. 286.8 In3

25045 STIRLING, J. Prohibir la exportación de ganados al Brasil es peligroso. Diario Rural 4(483): 4. June 2, 1945. 9.9 D54

From Uruguay.

25046 VENUS, C. G. United Kingdom import trade in 1944. Canada. Dept. Trade and Com. Com. Intel. J. 73: 219-223. Sept. 8, 1945. 286.8 C16

25047 VESCHSLER, M. J. Chilean foreign trade in 1944. Canada. Dept. Trade and Com. Com. Intel. J. 73: 193-195. Sept. 1, 1945. 286.8 C16

25048 WESTERN AUSTRALIA. STATISTICIAN. Statistical register of Western Australia for 1941-42. Pt. IV. Interchange. 169 p. Perth, 1944. 271.7 R26S

#### FOOD AND HUMAN NUTRITION

##### GENERAL

25049 ADAMS, D. A. C. Feeding recovered allied military personnel. Amer. Dietet. Assoc. J. 21: 530, 532. Sept./Oct. 1945. 389.8 Am34

25050 AMIDON, P. S. Nutritional education in the schools. Northwest. Miller 224(1): 52-54, 56. Oct. 2, 1945. 298.8 N81

25051 B., R. When the Dutch bulbs went "underground." Home Gard. 6(3): 29-30. Sept. 1945. 80 H756

Used as food.

25052 BOURNE, G. H. World of plenty. Internatl. Indus. 25: 203-205. June 1944. 382 In8

25053 BRODY, S. Science and dietary wisdom. Sci. Monthly 61: 213-225. Sept. 1945. 470 Sci23  
Concludes that a nutritionally complete bread should be developed.

25054 BURNS, H. C. An inspection tour of dietetic departments in army hospitals, European and Mediterranean theaters of operation. Amer. Dietet. Assoc. J. 21: 505-507. Sept./Oct. 1945. 389.8 Am34

25055 \*CARADONNA, L. L'alimentazione civile italiana nella funzione attuale del tesseramento della carne e degli altri cibi. Azione Vet. 11: 121-122, 138-142. May 30, June 30, 1942. 41.8 Az3

25056 CHILDREN'S NUTRITION COUNCIL. Food advice in post-war reconstruction. Med. Off. 74: 71-72. Sept. 1, 1945. 448.8 M462  
Future of the food advice work of the Ministry of Food.



- 25057 CORBAN, E. B., and GRAM, M. A. Nutrition "comes alive" with color. Forecast for Home Econ. 61(9): 37-41, 144, 146. Sept. 1945. 321.8 F76
- 25058 CUTTER, R. M. The cadet teacher and the school lunch. Forecast for Home Econ. 61(9): 54-57. Sept. 1945. 321.8 F76
- 25059 DELAROUZÉE, G. Comment se pose actuellement le problème du pain. Soc. Sci. d'Hyg. Aliment. B. 32: 97-104. 1944. 389.9 SolB
- 25060 DELAROUZÉE, G. Le pain à travers les ages. Soc. Sci. d'Hyg. Aliment. B. 32: 85-96. 1944. 389.9 SolB
- 25061 ESCUDERO, P. La obra cultural y económica social de los médicos dietólogos y dietistas graduados en el Instituto Nacional de la Nutrición (de 1935 a 1944). Asoc. Argentina de Dietología. Rev. 3: 83-129. Apr./June 1945. 389.9 As5
- 25062 EVANS, F. A. Nutritional observations in obesity. Nutr. Observatory 6: 43-46. Sept. 1945. 389.8 N955
- 25063 GILLMAN, J., and others. Studies in malnutrition among non-Europeans. So. African J. Sci. 41: 288-297. Feb. 1945. 515 So84  
T. Gillman, W. M. Till, J. Mandelstam, and C. Gilbert, joint authors.
- 25064 GOLDING, D. Teaching nutrition with food models. What's New in Home Econ. 10(1): 90. Sept. 1945. 321.8 W55
- 25065 GOODHART, R. S. On-the-job feeding in the future. Patrons will soon double in number - for at least 10 big advantages in industrial feeding services have been uncovered. Amer. Cookery 51(1): 36-37, 60. Sept. 1945. (Beltsville Branch Libr.)
- 25066 HAYDEN, C. A. "There never has been enough food for the health of all people." Country Life [Vernon], 29(9): 11, 31. Sept. 1945. 7 C832
- 25067 JOHNSON, M. A. Character education through the school lunch program. Part II. Forecast for Home Econ. 61(9): 60-61, 118, 120, 122, 124. Sept. 1945. 321.8 F76
- 25068 KEYS, A. Experimental study of starvation on man. Canner 101(18): 12. Sept. 29, 1945. 286.83 C16
- 25069 KIGER, J. De l'emploi du lacto-sérum concentré dans la fabrication des pâtes alimentaires. Soc. Sci. d'Hyg. Aliment. B. 32: 113-116. 1944. 389.9 SolB
- 25070 MURPHY, R. R. Hot lunches and nutrition. What's New in Home Econ. 10(1): 152-153, 160. Sept. 1945. 321.8 W55
- 25071 NUTRITION FOUNDATION, INC. Report to the board of trustees, June 30, 1945. 63 p. N. Y., 1945. 389.9 N95
- 25072 PLATT, B. S., and WEBB, R. A. Fermentation and human nutrition. (Abs.) Biochem. J. 39: xxxi. 1945. 382 B52
- 25073 RANDOIN, L. Recherches expérimentales sur la nécessité absolue de la présence des oligo-éléments dans une ration alimentaire et sur le rôle de certains oligo-éléments dans les phénomènes vitaux essentiels. Soc. Sci. d'Hyg. Aliment. B. 32: 105-112. 1944. 389.9 SolB
- 25074 \*SERVINDIA TRAVANCORE RELIEF CENTRE, ALLEPPEY. Report, November 1943, to March 1944, 12 p. Alleppey, 1944. 389.9 S6  
Includes article on "Food famine in Travancore and Cochin."
- 25075 \*SIMÕES, T. S. O problema da alimentação dos trabalhadores negros, na Lunda. Inst. de Med. Trop. An. 1: 327-344. Dec. 1944. 448.9 L68
- 25076 SOTO, E. R. Como puede alimentarse la familia campesina. Chacra 15(178): 32-33. Aug. 1945. 9 C34
- 25077 STARE, F. J. Nutritional conditions in Holland. Nutr. Rev. 3: 225-227. Aug. 1945. 389.8 N953

- 25078 STEWART, D. K. Study of nutritional balance of meals selected by industrial workers. Amer. Dietet. Assoc. J. 21: 532, 534. Sept./Oct. 1945. 389.8 Am34

- 25079 TERRELL, M. E. Winning a place in the sun. Amer. Dietet. Assoc. J. 21: 527-528. Sept./Oct. 1945. 389.8 Am34  
Value of dietitians.

- 25080 WILLIAMS, R. J. Your foods and your troubles. J. Living 11(4): 3-7. Oct. 1945. 389.8 J822

- 25081 WISELY, K. C. Building for the future. Pract. Home Econ. 23: 386-388. Sept. 1945. 321.8 H752  
School lunches.

## FOOD HABITS

- 25082 MILAM, D. F. Average dietary intakes in two North Carolina rural counties, 1940 and 1944. Elisha Mitchell Sci. Soc. J. 61(1/2): 211-217. Aug. 1945. 500 E14

- 25083 VAN SYCKLE, C. Some pictures of food consumption in the United States: Part I. 1630 to 1860. Amer. Dietet. Assoc. J. 21: 508-512. Sept./Oct. 1945. 389.8 Am34  
Food habits.

## NUTRITIVE AND VITAMIN CONTENT

- 25084 ARÍSTIDES MACHADO, J. Manera de evitar las pérdidas de las vitaminas en la preparación de alimentos de origen animal y vegetal. Buenos Aires y La Pampa, No. 80, p.60-62. June 1945. 9 B868

- 25085 BARTON-WRIGHT, E. C. The theory and practice of the microbiological assay of the vitamin-B complex; together with the assay of selected amino acids and potassium. Analyst 70: 283-295. Aug. 1945. 382 An1

- 25086 BERGEL, F. The use of sugars and amino acids for the preparation of important nutrients. Chem. & Indus. 64: 266-269. Sept. 1, 1945. 382 M31C

- 25087 BRINDZE, R. What's the truth about oysters? J. Living 11(4): 37-40. Oct. 1945. 389.8 J822  
Nutritive value.

- 25088 CHICK, H., and COPPING, A. Britain's national bread in balanced nutrition. Sci. Monthly 61: 226. Sept. 1945. 470 Sci23

- 25089 CHICK, H., and SLACK, E. B. Note on the nutritive value of the nitrogenous substances contained in dried yeast (*Torulopsis lipofera*). Biochem. J. 39: 164-167. 1945. 382 B52

- 25090 CHICK, H., and SLACK, E. B. Nutritive value of the nitrogenous substances contained in a watery beef extract. (Abs.) Biochem. J. 39: xxii. 1945. 382 B52

- 25091 COHEE, R. F., JR., and GOODALE, R. Vitamin C losses during storage of tomato juice. Food Packer 26(10): 43-44, 60. Sept. 1945. 286.83 C165

- 25092 COLUMELA. Miel vs. azúcar. Fomento [monthly], 2(20): 11-12. June 1945. 8 F734

- 25093 COOPER, L. British bread in wartime. Northwest. Miller 223(10): 76, 78. Sept. 5, 1945. 298.8 N81  
Nutritive value.

- 25094 COSTALES, E. Las frutas en la alimentación del ser humano. Cuba. Min. de Agr. Rev. 27(27) 142-147. July/Sept. 1944. 8 Ag88Re

- 25095 DEARDEN, D. V., and others. A study of the balance of certain milk nutrients in the making of Cheddar, Cheshire and Stilton cheeses, and of their fate during the ripening of the cheeses. J. Dairy Res. 14: 100-116. Mar. 1945. 44.8 J823  
K. M. Henry, J. Houston, S. K. Kon, and S. Y. Thompson, joint authors.



- 25096 DEUEL, H. J., JR. and others. Re-investigation of the relative provitamin A potencies of cryptoxanthin and  $\beta$ -carotene. *Arch. Biochem.* 7: 447-450. Sept. 1945. 381 Ar2
- E. R. Meserve, C. H. Johnston, A. Polgár, and L. Zechmeister, joint authors.
- 25097 DUCKHAM, A. N. Food management and the chemist. *Chem. & Indus.*, No.36, p.282-285. Sept. 15, 1945. 382 M31C
- Nutritive value.
- 25098 EHEART, M. S., and SHOLES, M. L. Effects of methods of blanching, storage, and cooking on calcium, phosphorus, and ascorbic acid content of dehydrated green beans. *Food Res.* 10: 342-350. July/Aug. 1945. 389.8 F7322
- 25099 EVANS, R. J., and ST. JOHN, J. L. Estimation of the relative nutritive value of vegetable proteins by two chemical methods. *J. Nutr.* 30: 209-217. Sept. 1945. 389.8 J82
- 25100 FARRER, K. T. H. The thermal destruction of vitamin B<sub>1</sub>. I. The influence of buffer salts on the rate of destruction of aneurin at 100°. *Biochem. J.* 39: 128-132. 1945. 382 B52
- 25101 FENTON, F., and others. Effect of quantity preparation procedures on vitamin retention and palatability of dehydrated potato shreds. *Amer. Dietet. Assoc. J.* 21: 518-521. Sept./Oct. 1945. 389.8 Am34
- M. Albury, K. Visnyei, J. F. Thompson, and E. Gleim, joint authors.
- 25102 FINDLAY, J. D., and WHITE, J. C. D. Ethyl gallate and ascorbic acid as antioxidants in dried whole milk. (Abs.) *Biochem. J.* 39: xxxiv. 1945. 382 B52
- 25103 \*FINK, H. Neue erkenntnisse über den biologischen wert des hefeeiweisses und seine steigerung. *Chemie* 58: 34-37. Feb. 1945. 384 Z33
- 25104 FINNEY, D. J. The microbiological assay of vitamins: the estimate and its precision. *Q. J. Pharm. and Pharmacol.* 18: 77-82. Apr./June 1945. 396.8 Q2
- 25105 FRANDSEN, J. H. Milk and bread. Recommendations for flour enrichment presented before special committee of Massachusetts Legislature. *Amer. Butter Rev.* 7: 250-251. Aug. 1945. 44.8 Am37
- 25106 \*GALLOT, MME. S. Recherches comparatives sur la teneur en vitamine C (acide ascorbique) des feuilles d'une variété de chou (*Brassica oleracea* bullata) à l'état cru, à l'état cuit et dans l'eau de cuisson par la méthode chimique et la méthode biologique. *Soc. de Chim. Biol. B.* 23: 96-101. Jan./Mar. 1941. 383 Sol
- 25107 \*GEIGER, A. Das verhalten der vitamine beim konservieren und lagern von fruchten und gemüsen. *Schweiz. Z. f. Obst- u. Weinbau* 52: 583-589. Nov. 6, 1943. 80 Sch9
- 25108 HARMON, E. M. Greater butter values shown. Nation-wide comprehensive research project by Federal and State scientists proves that better feeding practices increase vitamin A potency. *Amer. Butter Rev.* 7: 238, 240. Aug. 1945. 44.8 Am37
- Also under title, "Research points to better butter values," in *Certified Milk* 20(231): 5, 16. July 1945. 44.8 C33
- 25109 HARRIS, G. C. M. Food yeast. *Internatl. Indus.* 25: 416, 420. Dec. 1944. 382 In8
- Nutritive value.
- 25110 HENRY, K. M., and KON, S. K. The biological value of the proteins (nitrogen) of breads baked from flours of different extraction. *Soc. Chem. Indus. J.* 64: 227-229. Aug. 1945. 382 M31
- 25111 HENRY, K. M., and KON, S. K. Changes on storage in the biological value of the proteins of dried skim milk. (Abs.) *Biochem. J.* 39: xxvi-xxvii. 1945. 382 B52
- 25112 HENRY, K. M., and others. Comparison of the growth-promoting value for rats of butter fat, of margarine fat and of vegetable oils. *J. Dairy Res.* 14: 45-58. Mar. 1945. 44.8 J823
- S. K. Kon, T. P. Hilditch, and M. L. Meara, joint authors.
- 25113 HENRY, K. M., and KON, S. K. The retention of calcium and phosphorus by the rat from whole-meal bread, with and without added calcium, and from white bread fortified with calcium and vitamin B<sub>1</sub>. *Biochem. J.* 39: 117-122. 1945. 382 B52
- 25114 HOCHBERG, M., MELNICK, D., and OSER, B. L. Physiological availability of the vitamins. *J. Nutr.* 30: 193-208. Sept. 1945. 389.8 J82
- III. The effect of dietary ascorbic acid oxidase.
- IV. The inefficiency of live yeast as a source of thiamine.
- 25115 HODSON, A. Z. A simple fluorometric method for thiamin in milk. *Food Res.* 10: 351-356. July/Aug. 1945. 389.8 F7322
- 25116 HOPKINS, R. H. Vitamins in top fermentation brewing materials and beer. *Wallerstein Lab. Commun.* 8: 110-117. Aug. 1945. 390.9 W19
- 25117 ISOTOPIES in nutrition research. I. The intermediate metabolism of fats, proteins and carbohydrates. *Borden's Rev. Nutr. Res.* 6(8): 1-12. Oct. 1945. 389.8 B64
- 25118 JAMES, B. E. Know what's in a cabbage? *Fla. Grower* 53(9): 16. Sept. 1945. 80 F6622
- Vitamin C content slightly less than in oranges.
- 25119 JONES, J. I. M. The biological estimation of vitamin D. *Q. J. Pharm. and Pharmacol.* 18: 92-108. Apr./June 1945. 396.8 Q2
- 25120 KNIGHT, B. C. J. G. B vitamins as growth factors for micro-organisms and related growth-inhibitors. (Abs.) *Biochem. J.* 39: xxx. 1945. 382 B52
- 25121 \*LAL, G. Studies in the preservation of fruit juices. IV. Vitamin C (ascorbic acid) content of citrus fruit squashes. *Indian J. Agr. Sci.* 14: 171-180. Apr. 1944. 22 Ag831
- 25122 \*LAVOILLAY, J. L'action de l'acide ascorbique sur la résistance capillaire du cobaye normal comparaison avec celle des vitamines P. *Soc. de Biol. [Paris] Compt. Rend.* 138: 816-817. Nov. 1944. 442.9 P21
- 25123 \*LECLERC, H. La féverolle. *Presse Méd.* [Paris], No. 53/54, p. 680. June 18/21, 1941. 448.8 P92
- 25124 \*LECOQ, R., CHAUCHARD, P., and MAZOUË, H. Acide ascorbique et rachitisme. *Soc. de Biol. [Paris] Compt. Rend.* 138: 835-836. Nov. 1944. 442.9 P21
- 25125 \*LECOQ, R. La teneur en vitamine E de l'huile de germe de blé. *Soc. de Biol. [Paris] Compt. Rend.* 138: 836-838. Nov. 1944. 442.9 P21
- 25126 LINCOLN, R., and MCCAY, C. M. Retention of ascorbic acid in marmalade during preparation and storage. *Food Res.* 10: 357-363. July/Aug. 1945. 389.8 F7322
- 25127 LO, T. Y. Carotene and citrin content of peas as influenced by chemical treatment. *Food Res.* 10: 308-311. July/Aug. 1945. 389.8 F7322
- 25128 \*LO, T. Y., and WU, C. H. The peptization of rice proteins by organic acids and organic salts. *Chinese J. Sci. Agr.* 1: 173-182. Mar. 1944. 22.5 C448
- 25129 LUND, A. A. Synthetic vitamin C holds key to food and beverage protection. *Food Mater. and Equip.* 5(8): 9, 14. Aug. 1945. 389.8 F7395
- 25130 MCCOLLUM, E. V., and others. To enrich or not to enrich: a symposium. *J. Home Econ.* 37: 397-403. Sept. 1945. 321.8 J82
- R. M. Wilder, A. F. Morgan, and H. S. Mitchell, joint authors.



- 25131 MCINTOSH, J. The nutritive value of frozen foods. *Home Freezing News* 11(3): 1, 3. Sept. 1945. 295.8 H75
- 25132 MARSHALL, R. E. What fruits and vegetables give us most for our money? *Food Mater. and Equip.* 5(8): 3, 14. Aug. 1945. 389.8 F7395
- Nutritive value.
- 25133 MILLER, C. D. Thiamin content of cereals before and after treatment with carbon disulfide and methyl bromide to destroy insects. *Amer. Dietet. Assoc. J.* 21: 516-517. Sept./Oct. 1945. 389.8 Am34
- 25134 MOORE, D. F. *Torula utilis* yeast or "food" yeast. *J. Trop. Med. and Hyg. [London]*, Aug./Sept. 1945, p. 75-77. 448.8 J827
- 25135 \*NAIK, K. C. Dehydrated banana products and their food value. *Madras Agr. J.* 31: 342-351. Dec. 1943. 22 M262
- 25136 \*NAIK, K. C. Eat more fruit. *Madras Agr. J.* 32: 147-151. May/July 1944. 22 M262
- 25137 THE NUTRITIVE value of fruits. II. Citrus and related classes. *Nutr. Observatory* 6: 60-63. Sept. 1945. 389.8 N955
- 25138 OSER, B. L., and others. Determination of vitamin A. Correlation of improved spectrophotometric and colorimetric methods with multiple-level bioassays. *Indus. and Engin. Chem., Analyt. Ed.* 17: 559-562. Sept. 1945. 381 J825A
- D. Melnick, M. Pader, R. Roth, and M. Oser, joint authors.
- 25139 PEARSON, P. B., and LUECKE, R. W. The B vitamin content of raw and cooked sweet potatoes. *Food Res.* 10: 325-329. July/Aug. 1945. 389.8 F7322
- 25140 PERLMAN, L., and MORGAN, A. F. Stability of B vitamins in grape juices and wines. *Food Res.* 10: 334-341. July/Aug. 1945. 389.8 F7322
- 25141 PLETCHER, F. H. Which will it be - butter or margarine? *Natl. Butter and Cheese J.* 36(9): 34-35, 68, 70, 72. (To be cont.) Sept. 1945. 286.85 B98Bu
- 25142 \*PUREWAL, S. S. Why we should eat vegetables. *Punjab Fruit J.* 5: 980-983. July 1941. 80 P962
- 25143 QUASTEL, J. H. Parts played by members of the vitamin B complex in enzyme reactions. (Abs.) *Biochem. J.* 39: xxix-xxx. 1945. 382 B52
- 25144 QUINTANA, E. El ingente problema del maíz en su aspecto agrícola y nutritivo. *Fomento [monthly]*, 1(8): 7, 16. June 1944. 8 F734
- 25145 \*RANDOIN, MME. L., and GALLOT, MME. S. Recherches experimentales sur la vitaminisation artificielle d'aliments naturels de consommation courante. *Soc. de Chim. Biol. B.* 23: 429-436. Oct./Dec. 1941. 383 Sol
- 25146 \*RANDOIN, MME. L., and RAFFY, A. La vitamine B<sub>2</sub> dans les laits et les produits de lacterie. *Soc. de Chim. Biol. B.* 23: 90-95. Jan./Mar. 1941. 383 Sol
- 25147 \*RANDOIN, MME. L. Les vitamines du lait de vache. Les rapports et équilibres biochimiques caractérisant le lait de vache, le lait de femme et la ration équilibrée de l'adulte. *Soc. de Chim. Biol. B.* 23: 437-452. Oct./Dec. 1941. 383 Sol
- 25148 \*RAO, D. S. Studies on the destruction of vitamin A in shark-liver oil. *Indian J. Med. Res.* 32: 155-164. Oct. 1944. 448.8 In22
- Part 1. Destruction during normal storage: standardization of Pulfrich photometer for the estimation of vitamin A. Part 2. Destruction of acidity during storage of livers.
- 25149 \*RAOUL, Y., and VINET, A. Avitaminose D et phosphatases. Un test facile à mettre en oeuvre chez l'enfant. *Soc. de Chim. Biol. B.* 23: 205-216. Apr./June 1941. 383 Sol
- 25150 RETIEF, D. J. Skimmed milk as food. *So. African Dairyman* 7: 172-173. Aug. 1945. 44.8 So822
- 25151 \*RIBEIRO, M. G. A vitamina C em marmelas e marmeladas. Portugal. Junta Nac. das Frutas. B. 4(10): 9-11. Oct. 1944. 286.3939 P83
- 25152 RICHTER, K. Eat more raisins. Union So. Africa. Dept. Agr. and Forestry. Inform. Housewives, No. 72, 2 p. Pretoria, 1945. 24 So82I
- 25153 RICHTER, K. Pumpkin in the diet. Union So. Africa. Dept. Agr. and Forestry. Inform. Housewives, No. 71, 2 p. Pretoria, 1945. 24 So82I
- 25154 ROBINSON, F. A. Some recently characterized members of the B<sub>2</sub> complex. (Abs.) *Biochem. J.* 39: xxviii-xxix. 1945. 382 B52
- 25155 RODALE, J. I. Raw foods. *Organic Gard.* 7(5): 4-7. Oct. 1945. 56.8 Or3
- Nutritive value.
- 25156 SAHYUN, M. Dietary requirements of amino acids and proteins. Part III. *Amer. Drug.* 113(3): 72-73, 186. Sept. 1945. 396.8 Am32
- 25157 \*SETNA, S. B., SARANGDHAR, P. N., and GANPULE, N. V. Nutritive values of some marine fishes of Bombay. *Indian J. Med. Res.* 32: 171-176. Oct. 1944. 448.8 In22
- 25158 SINGER, T. P. Enzyme inhibitors and the active groups of proteins. *Brewers Digest* 20(9): 42-44, 47. (Concl.) Sept. 1945. 390.8 B75
- 25159 STEINKAMP, R. C., ROBINSON, W. D., and KASER, M. M. Adaptation of short method of calculating the nutritive content of diets in rural areas of middle Tennessee. *Amer. Dietet. Assoc. J.* 21: 522-526. Sept./Oct. 1945. 389.8 Am34
- 25160 \*TRUFANOV, A. B., and KIRSANOVA, B. A. Odnovremennoe poluchenie kristallicheskogo riboflavina, oshishchennogo kontsentrata tiamina i ergosterina iz pekarskikh drozhdzhef (Simultaneous preparation of crystalline riboflavin, tiamin [sic] concentrate and ergosterol from yeast). *Biokhimiya* 9: 239-247. 1944. 385 B523
- 25161 VANDENBELT, J. M. Nutritive value of coco-nut. *Nature [London]* 156: 174-175. Aug. 11, 1945. 472 N21
- 25162 W., T. A. Peppers and vitamins. *Home Gard.* 6(3): 40. Sept. 1945. 80 H756
- 25163 WILLS, L. B<sub>2</sub> vitamins and anaemia. (Abs.) *Biochem. J.* 39: xxxi. 1945. 382 B52
- 25164 WOOLLEY, D. W. Observations on the growth-stimulating action of certain proteins added to protein-free diets compounded with amino acids. *J. Biol. Chem.* 159: 753-754. Aug. 1945. 381 J824

## MISCELLANEOUS

## -GENERAL

- 25165 BOURG, C. J. U. S. Department of Agriculture re-organization. *Sugar B.* 23: 201. Sept. 1, 1945. 65.9 Am32
- 25166 \*CAÑIZO GÓMEZ, J. DEL. La lucha contra las ratas. *Ganadería [Madrid]* 3: 79-80. Feb. 1945. 49 G15
- 25167 CHILDS, J. B., ed. A guide to the official publications of the other American Republics. I. Argentina. U. S. Libr. Cong. Latin Amer. Ser. 9, 124 p. Washington, 1945. 242.12 Un34
- 25168 CRAMER, W. M. 40,000 rabbits. *Pa. Game News* 16(5): 3, 24-25, 30. Aug. 1945. 412.9 P38Pe
- Plan for control by transporting to wild areas.
- 25169 DANIEL, H. Ideas en torno a la ecología en Colombia. Ecuador. U. Cent. Inst. Bot. B. 3(5): 129-154. June 1945. 451 Ec9
- 25170 DIRECCIÓN de Cereales, Lino y Forrajes, su organización y funciones. Argentina. Min. de Agr. Almanaque (1945) 20: 175-176. 9 Ag874



- 25171 FELBER, I. M. Film formation and structure of some oil emulsions. *J. Agr. Res.* 71: 231-254. Sept. 15, 1945. Ref. 1 Ag84J
- 25172 GONZÁLEZ C., A. El problema de las selenizaciones en el Estado de Guanajuato. *Mex. Sec. de Relac. Exteriores. Rev. del Com. Exterior* 10(4): 6-13. (Concl.) Apr. 1945. 286.8 M575
- Selenium in soils and plants; symptoms of and treatment for selenium poisoning in animals and man.
- 25173 GREEN, P. L. Ohio's conservation program. *Ohio Farm Bur. News* 25(2): 7. Sept. 1945. 6 Oh34
- 25174 \*GUILLAUME, A. La destruction des corbeaux par le chloralose. *Acad. d'Agr. de France. Compt. Rend.* 30: 265-267. May 10/17, 1944. 14 P215Bc
- 25175 GUNDERSON, H. Destruya las ratas. *Agr. Mex.* 61(5): 14-18. May 1945. 8 Ag8
- 25176 HOKE, H. We try to explain... the biggest direct mail operation in the world. *Rptr. Direct Mail Advertising* 8(3): 3-6, 9-10, 12-15. June 1945. 238.2 H68
- The direct mail service in the Department of Agriculture.
- 25177 JAMAICA AGRICULTURAL SOCIETY. Journal of the Jamaica Agricultural Society; golden jubilee number, containing the story of our fifty years of growth, illustrations, messages, and recollections by some who remember our early days. *Jamaica Agr. Soc. J.*, v. 49, No. 4/6, p. 57-124. Apr./June 1945. 8 J223
- Partial contents: "J. A. S. has blazed the trail," by R. J. Williams, p. 68-69; "We have golden opportunities," by R. L. M. Kirkwood, p. 71; Our fore-runners, by C. Hoyte, p. 72-75; The man most responsible, by C. Hoyte, p. 75-77 (Efforts of Sir Henry Blake); The first five years, by C. Hoyte, p. 78-79; "You can look back with pride," by H. R. Sharp, p. 80; Let us take a quick glance through the years, by C. Hoyte, p. 80-85; A golden jubilee message to the bee farmers of Jamaica, by J. H. Blackwood, p. 89-90; Our progressing society through the last twenty-five years, p. 91-97; Our officers rendered a unique service to our island, by C. Nuttall, p. 103-104; The 1945 plan for small holdings, by C. D. Hutchings, p. 111-114; Recollections, by U. T. McKay, p. 116; Dairy farming - a bright hope, by H. A. Derby, p. 118-120; The story of Farmer Bloomfield, by C. D. Hutchings, p. 123-124 (Rehabilitation of a farm in Jamaica).
- 25178 JESSEN, L. Hunger no more; if the United Nations Food and Agriculture Organization accomplishes what its planners hope it will, the lives of people everywhere will be affected, be it South Africa or Hawaii. *Hawaii Farm and Home* 8(9): 3, 21. Sept. 1945. 25 H3191
- 25179 \*KESSLER, B. Wichtige punkte zur feldmäusebekämpfung. *Landesbauernschaft Moselland. Wchnbl.* No. 4, p. 43. Jan. 22, 1944. 18 L2328
- 25180 M., M. H. Feeding the rats. *Farmers' Gaz. [Dublin]* 103: 498. Aug. 25, 1945. 10 F221
- Control.
- 25181 MARINO, A. E. Tabla de equivalencias para medidas de los sistemas inglés, norteamericano y métrico decimal. *Rev. Argentina de Agron.* 12: 141-147. June 1945. 9 R32
- 25182 \*UNE METHODE de lutte efficace contre les limaces. *By Hortulus. Rev. Hort. Suisse* 18: 155-157. July 1945. 80 R3212
- 25183 NEATBY, K. W. Back to school. *Seedtime & Harvest*, No. 128, 1 p. n. p., 1945. 7 Se3
- A list of farm publications offered by the Line Elevators Farm Service, Winnipeg.
- 25184 ORTIZ GARMENDIA, J. Flora espontanea, ganaderia y forestacion en el Norte Chico. *Campe-sino [Santiago]* 77: 287-289. May 1945. 9.3 Sol2
- 25185 OWEN, E. D. Index to publications and articles on Latin America. Issued by the U. S. Bureau of Labor Statistics 1902-1943. *Pan Amer. Union. Bibliog. Ser.* 31, 39 p., processed. Washington, D. C., 1945. 150.9 B47
- Labor and social conditions.
- 25186 PORTER, W. H. First in Canada's planning: Look to the foundations! *Forest & Outdoors*, Sept. 1945, p. 241-242. 99.8 C16
- Conservation of natural resources.
- 25187 REED, P. W. Vermin control in dairy plants is subject of recent discussion. *Cheese Rptr.* 69(20): 3, 7. Jan. 12, 1945. 44.8 Sh3
- Control of cockroaches, rats, and mice.
- 25188 \*SCHUNCK DE GOLDFIEM, J. Physique de la matiere et sciences biologiques. *Rev. Gén. des Sci. Pures et Appl.* 51: 212-217. 1941. 473 R324
- 25189 SMITH, F. B. Bacteria. *Citrus Indus.* 26(9): 6-7, 15. Sept. 1945. 80 C49
- Chiefly on bacteria in food and soil.
- 25190 TAVARES, H. As leis de Mendel e a genetica. *Pernambuco. Sec. de Agr., Indus. e Com. B.* 12(1): 21-29. Jan./Mar. 1945. 9.2 P423
- 25191 \*TCHAKIRIAN, A. Action physiologique et thérapeutique des composés du germanium sur les animaux et les plantes. *Inst. Pasteur [Paris]. Ann.* 68: 461-465. Mar. 1942. 448.3 An75

## HISTORY AND BIOGRAPHY

- 25192 ANDERSON, A. W. Sir Joseph Banks [1743-1820]. *Gard. Chron.* 118: 96-97. Sept. 1, 1945. 80 G162
- 25193 BIRABÉN, M. Carlos Bruch. *La Plata U. Nac. Mus. Rev. (n. s.) Secc. Ofic.* 1943: 107-132. 1944. 516 L31Ro
- Includes bibliographical list of his works.
- 25194 BIRABÉN, M. Carlos E. Porter. *La Plata. U. Nac. Mus. Rev. (n. s.) Secc. Ofic.* 1943: 133-135. 1944. 516 L31Ro
- Includes discussion of main works.
- 25195 ELLES, G. L., SHAKESPEAR, E., and THOMPSON, J. M. Miss E. R. Saunders [1865-1945]. *Nature [London]* 156: 198-199. Aug. 18, 1945. 472 N21
- 25196 FINK, C. G. Harold Hibbert [1877-1945]. *Science* 102: 268-269. Sept. 14, 1945. 470 Sci2
- 25197 JORDAAN, J. J. Poultry men and women as I knew them; Anthony South Canham. *So. African Poultry, Pigeon and Bird Mag.* 51: 191. Aug. 1945. 47.8 So83
- 25198 KING, F. M. J. Frank Norfleet. *West. Livestock J.* 23(54): 74-77. Sept. 1945. 6 F2278
- 25199 MACINDOE, S. L. Retirement of J. T. Pridham, H. D. A. *Austral. Inst. Agr. Sci. J.* 11: 74-75. June 1945. 23 Au74
- Cereal breeding specialist retired from Department of Agriculture, Australia, June 1945.
- 25200 MARSHALL, R. P. George Perkins Clinton [1867-1937]. *Trees [Santa Monica]* 6(3): 6, 12-13. Aug. 1945. 99.8 W52
- 25201 ORWIN, C. S. Agricultural pioneers. 3. Pioneer of livestock improvement; Robert Bakewell, 1725-1795. *Young Farmer* 13: 89-90, 104. Sept./Oct. 1945. 10 Y8
- 25202 ROBERTS, J. W. Merton Benway Waite [1865-1945]. *Wash. Acad. Sci. J.* 35: 268. Aug. 15, 1945. 500 W276J
- 25203 TIFFANY, H. Albert Edward Edgecombe, 1897-1945. *Science* 102: 216-217. Aug. 31, 1945. 470 Sci2
- 25204 VAN MELLE, P. J. Philipp Franz von Siebold, 1796-1866. *Gard. Chron. Amer.* 49: 231, 242-244. Sept. 1945. 80 G1632
- 25205 WORLD'S biggest producer of honey. By Gubeashe. *Farmer [Pietermaritzburg]* 34(34): 10. Aug. 24, 1945. 24 F227
- Refers to Woodrow Miller, Colton, Calif.



## INTER-AMERICAN RELATIONS

- 25206 DAVIS, H. E. Permanent bases of inter-American education. *Amer. Sociol. Rev.* 10: 469-472. Aug. 1945. 280.8 Am37
- 25207 HAGGERTY, J. J. Pan-American agricultural conference. *Agr. Situation* 29(9): 17-20. Sept. 1945. 1 Ec7Ag
- 25208 VENEZUELA. MINISTERIO DE AGRICULTURA Y CRÍA. Memoria y cuenta, 1945. 2 v. Caracas, 1945. 9.95 Ag62M
- Vol. 2 contains a report on the third Inter-American Conference on Agriculture, held in Caracas in July 1945.

## METEOROLOGY

- 25209 ANASTASIA, P. La sequía y sus problemas. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 307. Aug. 2, 1945. 9.9 G15B
- Effect of the drought on agriculture.
- Similar titles in Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 291, July 19, 1945, and 2: 299, July 26, 1945.
- 25210 DAY, R. L. Highlights of South American weather. *Agr. in the Americas* 5: 169-172. Sept. 1945. 1 F752A
- 25211 \*GARCÍA MIRALLES, V. Climatología agrícola: las isanomalías. *Agr. Levantino* 10(120/121): 43. Nov./Dec. 1944. 15 Ag85

## RESEARCH

- 25212 CLAPHAM, A. R. Rothamsted, 1843-1943; a century of scientific research. *Internatl. Indus.* 25: 89-92. Mar. 1944. 382 In8
- 25213 DORMAN, C. A year of research in Mississippi farm problems; highlights of the work of the Mississippi Agricultural Experiment Station: part II, the branch stations. *Miss. Farm Res. [Miss. Sta.]* 8(8): 3-6. Aug. 1945. 100 M69Mi
- 25214 NIVEN, L. A. Kentucky farmers get a report from their Experiment Station. *Prog. Farmer, Ky.-Tenn.-W. Va. Ed.* 60(10): 24, 67. Oct. 1945. 6 P945K
- 25215 \*OSVALD, H. Försöksverksamheten på jordbrukets område. *Lantmannen* 29: 528-529. June 9, 1945. 11 L234
- Proposals for the reorganization of agricultural research in Sweden.
- 25216 PALMIRA. ESTACION AGRÍCOLA EXPERIMENTAL. Memoria técnica, June 1 de 1940 a diciembre 31 de 1942, 213 p. Bogotá, 1945. 102.5 P18M
- Includes sugarcane breeding, fruit and rice culture, plant diseases, soils, and entomology.
- 25217 \*SAHA, M. N., and SEN, S. N. Institutions under the U. S. S. R. Academy of Sciences. *Sci. and Cult.* 11: 55-62. Aug. 1945. 475 Sci24
- Includes chemical and biological sciences.
- 25218 SNYDER, K. M. Research in action; the Ohio State University Research Foundation. *Chemurg. Digest* 4: 267-270. Aug. 31, 1945. 381 N213wa

## STATISTICS

- 25219 GUMBEL, E. J. Simplified plotting of statistical observations. *Amer. Geophys. Union. Trans.* (1945) 26: 69-82. 330.9 Am3

## NEW PERIODICALS AND SERIALS

- 25220 BRAZIL. MINISTÉRIO DA AGRICULTURA. DIVISÃO DE DEFESA SANITÁRIA VEGETAL. Boletim Fitossanitário. Quarterly. Vol. 1, No. 1, Mar. 1944. 122 p. Rio de Janeiro. 464.9 B732

- 25221 CANADIAN GRAIN JOURNAL. Monthly. Vol. 1, No. 1, Aug. 1945. 20 p. Winnipeg, 548 Grain Exchange Bldg. 59.8 G16

- 25222 CIENCIA E INVESTIGACIÓN; Revista Patrocinada por la Asociación Argentina para el Progreso de las Ciencias. Monthly? Vol. 1, No. 3, Mar. 1945. 148 p. Buenos Aires, Emecé Editores, San Martín 427. 475 C482

- 25223 DOWN TO EARTH; a Review of Agricultural Chemical Progress. Vol. 1, No. 1, May 1945. 17 p. Midland, Mich., Dow Chemical Co. 381 D75

- 25224 ECUADOR. MINISTERIO DE ECONOMÍA. DIRECCIÓN GENERAL DE ESTADÍSTICA Y CENSOS. El Trimestre Estadístico del Ecuador. Vol. 1, No. 1, May 28, 1945. 79 p. Quito. 255.5 Ec96T

- 25225 FOOD FOR THOUGHT. Irregular. Vol. 1, No. 1, Mar. 1945. 2 p. Chicago 6, Research Dept., United Packinghouse Workers of America (CIO), 205 W. Wacker Drive. 50.8 F73

Vol. 1, No. 2 has title "The Meat of It."

- 25226 FROSTED FOOD FIELD. Monthly. Vol. 1, No. 1, July 1945. 24 p. New York 18, 19 West 44th St. 389.8 F922

- 25227 GOODYEAR FARM PROGRESS. Vol. 1, No. 1, 1945? 8 p. n. p. 6 G63

- 25228 \*INSTITUTE OF AGRICULTURE, ANAND, INDIA. Animal Husbandry (General) Series Bulletin. No. 1, June 1945. 6 p. 49.9 An1

- 25229 INSTITUTO PERUANO DE ESTADÍSTICA. Estadística Peruana. Quarterly. Vol. 1, No. 2, Apr. 1945. 93 p. Lima, Jirón Carabaya No. 607. 255.8 L62

- 25230 INTER-AMERICAN INSTITUTE OF AGRICULTURAL SCIENCES. Brief History and Progress Report. Apr. 1945. 40 p., processed. Washington, D. C., Pan American Union Building. 28 In83B

- 25231 \*LATOGEV [FOR THE FARMER]. (In Hebrew.) No. 1, 1945. 107 p. Tel-Aviv. 22.5 L45

- 25232 \*MONTES. Bimonthly? Vol. 1, No. 2, Mar./Apr. 1945. 92 p. Madrid, Escuela Especial de Ingenieros de Montes. 99.3 M763

- 25233 NATIONAL COUNTY AGENT AND EXTENSION REVIEW. Monthly. Vol. 1, No. 1, Sept. 1945. 44 p. Phila., Ware Bros. Co., 1330 Vine St. 275.28 N213

- 25234 PLANTS & GARDENS. Quarterly. Vol. 1, No. 1, Spring 1945. 64 p. Brooklyn, N. Y., Brooklyn Botanic Garden. 450 P694

Supersedes Brooklyn Institute of Arts and Sciences. Botanic Garden. Record (451 B79R) as its "new series."

- 25235 \*PORTUGAL. INSTITUTO NACIONAL DE ESTATÍSTICA. CENTRO DE ESTUDOS ECONÓMICOS. Revista. No. 1, 1945. 417 p. Lisboa. 280.9 C333

- 25236 \*TIMIRIAZEVSKAJA SEL'SKOKHOZJAISTVENAJA AKADEMIIA, MOSCOW. NAUCHNAJA KONFERENCIJA, 1, June 3/10, 1944. Doklady [Timiriazev Agricultural Academy. Moscow. Scientific Conference, 1, June 3/10, 1944. Reports]. Semi-annual. 143 p. Moscow, 1945. 20 M857

- 25237 VINI-AVI-CULTURA. Vol. 1, No. 3, Jan. 1945. 39 p. Lima, Asociación de Productores de Vinos y Aguardientes de Chinchay y Asociación Peruana de Avicultura, Girón Andahuaylas 1032. 95.8 V76

- 25238 WRIGHTIA; a Botanical Journal. Irregular. Vol. 1, No. 1, Aug. 1945. 61 p. Dallas, Tex., Institute of Technology and Plant Industry, Southern Methodist University. 450 W93



# AUTHOR INDEX

Item	Item	Item	Item
Akerman, A.....21059-60	Allheinen, H.....22049	Archer, B. F.....23593	Badillo Franceri, V. M....
Aamodt, E. E.....22078	Allison, C. C.....24489	Arellano B., R.....22303	20589
Abbott, F. H.23949,24007-8	Allison, J. L.....20768-9	Arena, A.....21722	Baerg, W. J.....20361
Abby, C.....22788	Allred, B. W.....22574,22841	Argentina. Comisión Naci-	Bagby, J.....24203
Abdel-Malek, Y.....23986	Allred, C. E.....20341	onale de Granos y Eleva-	Bailey, J.....22305
Abdul, A.....20975	Allston, R. F. W.....20483	dores.....25022	Bailey, J. H.....22390
Abel, R. C.....23859	Almada Sapriza, H.....21710	Argentina. Ministerio de	Bailey, J. S..20871,21615,
Abel K., R.....22653	Almeida, C. R. M. de.....	Agricultura...23400,24133	23453
Abithol, J.....21720,23806	20907,21221	Dirección de Piscicul-	Bailey, R. Y.....21127
Abonnenc, E.....23103	Almeida, D.....24507,24767	tura y Pesca.....24549	Bailey, W. R.....19946
Abraham, A.....20924	Alonso M., L.....22594	Argüelles, F.....24271	Bain, D. C.....20872
Abriasqueta, F. de...24762	Alper, C.....20648	Aristides Machado, J.25084	Bain, F. M.....21258
Acharya, C. N.....21977	Alston, C.....20365	Ariz. Agr. Expt. Sta.....	Bain, H. M.....24975
Ackerman, F. E.....24063	Altmeyer, A. J.....24642	20247-58	Bainum, Mrs. E.....21356
Ackerman, H. A.....23950	Amaral, A. A.....21738	Ark. Agr. Col. Ext. Serv..	Baird, T. J.....21357
Ackerman, J.....20474	Amaral, V. S. G. do..21553	20359-77	Baker, C. E., Jr.....24275
Ackers, C. P.....22167	Amargos, J. L.....23222	Armitage, F. D.....24550	Baker, E. T.....22825
Acosta, D. R.....20804	Amaya Rojas, A.....25020	Armstrong, G. C.....24142	Baker, E. W.....22992
Adair, W.....24064	American Hereford Assoc..	Arnand, G....20752,20805-7	Baker, G. L.....24204
Adams, B.....24764	22302	Arnst, A.....22103	Baker, J.....23837,24316
Adams, D. A. C.....25049	American Rose Soc....20582	Arny, A. C.....21189	Baker, J. M.....20289
Adams, J. E.....23591	Amery, W. B.....25021	Arrouy, P. L.....22567	Baker, K. G.....20244
Adams, J. R.....23860	Amidon, P. S.....25050	Arthur, D. R.....23139	Balachowsky, A.....23351
Adamson, W. J.....21217	Amorim, D. P. d'....23845	Artsikhovskaya, E. V.24243	Baldex Aguado, S.....22804
Addams, J.....20472	Amos, A.....22389	Ashbrook, F. G.....20563	Baldauf, E.....22572
Adkin, B. W.....22009	Amaden, J.....22688	Ashe, H. J.....24623-4	Baldrati, I...20676,20754,
Agarwal, R. R..20997,21730	Anais, D.....22361	Ashton, J.....21126,22304,	21644-5,23098
Agencia Cecilia, C....22360	Anastasia, P...24915,25209	22574,24143	Baldrige, H.....22850
Aggerberg, L. S.....21941	Anderson.....24371	Ashworth, U. S.....20357	Balduf, W. V.....23352
Agete, F.....21246	Anderson, A. H.....19945	Askew, H. D.....21751	Balestra, J., Jr.....23571
Aguilera, M. C.....24312	Anderson, A. W.....25192	Askew, R. P.....24453	Ball, C. R.....20628
Aguirre Andrés, J....21713	Anderson, C. P..20191-200,	Aslett, M. J.....20274	Ball, H. K.....21889
Ahad, A.....20974	24315,24677-8,24746	Asociación Agropecuaria de	Ball, J. C.....19996,20808
Ahalt, A. M....20291,24765	Anderson, E....20626,20633	Salto (Uruguay).....24679	Ball, W. S.....21616
Ahmad, N.....24091,24766	Anderson, E. B.....23980	Asociación Argentina para	Ballico, P.....20888
Ahrendt, Mrs. A....21350-1	Anderson, G. C.....20383	el Progreso de las	Ballinger, R. A.....24654
Ahrens, L. H.....21697	Anderson, R. H.....22014	Ciencias.....25222	Ballu, T.....22159,23641
Ainsworth, A. H.....24443	Anderson, T. C.....21888	Asociación de Productores	Baltazard, M.....23541-2
Aird, J. A.....21842	Anderson, W. S.....21291	de Vinos y Aguardientes	Balzarotti, E.....24144
Aird, M. W.....22685	Anderssen, E. E.....23451	de Chinch.....25237	Bamber, W. B.....22573
Aitkins, A. E.....21027	Anderson, J.....21124	Asociación Peruana de	Banco Nacional de Costa
Aiton, E. W.....20010	Andersson, Y.....23638	Avicultura.....25237	Rica.....23846
Akerman, A.....22010	Andrade, M. A.....23999	Asociación Rural del	Bandini, M.....20611
Ala. Agr. Expt. Sta.....	Andrade, D. X. de...20750	Uruguay.....24366	Bandini, P.....21259
20242-6	André, A. J.....24570	Astbury, W. T.....24066-7	Bane, L.....20607
Ala. Dept. of Agr. and	André, E. d'.....24270	Astorga Barriga, E....21065	Bank for Internatl.
Indus. Agr. Statis. Div..	André-Thomas.....23311	Athanasoff, W..22178,22362	Settlements.....24571
19944	Andrew, D. A.....22438	Atkinson, I. S....20270-1,	Banks, A. E.....22788
Alabouvette.....21061	Andrew, W. D.....21921	23895	Bannan, M. W.....20961
Alarcon, P. J.....21684	Andrews, H. E.....21222	Aubert, G.....21699	Banta, E.....22916
Alayza Escardo, L....22437	Andrews, H. N.....20627	Aubert, P...21247-9,21292,	Baragar, A.....20417
Albaugh, R.....22892	Andrews, I. H.....22141	21314,21346	Baratte, J.....23594
Albergaria, T. S.....24622	Angelini, F.....23485	Auguston, G. F.....23097	Barbagelata, R. E....24069
Alberta. Dept. of Agr.	Angell, G. N.....23709	Aul, H. B.....21353	Barbey, A.....20560
Agr. Ext. Serv.....23897	Annand, P. N.....22993	Australia. Commonwealth	Barbier, G...21698-9,21978
Albrecht, F.22011-13,22034	Ansari, M. A. A.....21062,	Forestry Bur.....21037	Barbosa, J.....22306
Albrecht, W. A.20159,21721	21109	Australia. Council for	Barco, G. F.....24454
Albrechtsen, J.....20552	Anson, M.....24452	Sci. and Indus. Res.24101	Bare, O. S.....23518
Albury, M.....25101	Ansoreña, A. de.....21063	Div. of Forest Prod....	Barger, E. L.....23603
Alcides Ocampo, J...21108,	Anthony, K. R. M....21125	20570	Barker, S. O.....22574
21641	Antón Bellver, E....24768,	Auten, J. T....21028,21723	Barkworth, E.....23981
Alderks, O. H.....24384	24867-9	Averell, J. L.....22054	Barley, H.D.22689-90,24655
Aldrich, W. W.....20473	Antonen, R.....23633	Avery, G. S., Jr.....21354,	Barlow, F. D., Jr....24821
Aleksandrov, A. D....20606	Antunes, F. D.....24141	21614	Barlow, R. O.....20591
Alekseenko, I.A.....22819	Antuñes Vergara, G...21642	Axelsson, J.....22179	Barnett, C. B.....22015
Alexander, A. K. S..22628,	Appanna, M.....23483	Ayachit, G. R.....20654	Barnicoat, C. R.....23982
22686-7,23717	Apple, J. W.....23452	Ayers, A. D.....20264	Barojas Armino, S....22035
Alexander, A. L.....24540	Appleyard, R.....22595	Ayres, R. W.....23640	Barrett, R. W.....20308
Alexander, C. P....23220-1	Apps, H. J.....23639	Ayyangar, G. N. R....20674	Barraud, M.....20809
Alexander, R. A.....22414	Aragón Leyva, A.....21352	Ayyangar, S. S.....22554	Barredo y Fernández, G....
Allander, H.....23450	Aranda Gimenez, J. B.21643	Ayyar, M. A. S.....20908	23847
Allen, E. J....20359,20365	Arango, R.....21064	Ayyar, S. N. C.....20675	Barrera Riber, R....21358
Allen, G.....24488	Arango V., A.....20751	Azmy, S.....23802	Barrett, J. N.....24822
Allen, H. R.....20285	Arant, F. S.....20246	Azzi, G.....21257	Barron, R. L.....24976
Allen, H. W.....23414	Araujo e Silva, A. G. D'..	Babbitt, J. D.....24272	Barros, H. de.....24589
Allen, M.....22788	23415	Bachmann, W.....22788	Barroso, L. J.....20677
Allen, R. J. L.....24266	Arbour, M. B...20402,22596	Backe, H.....24680,24769	Barrows, W. M.....23099
Allen, T. C.....22913-15,	Arbuckle, W. S.....20346	Baddeley, J. M.....24843	Bartels, L. C.....21844
23363,23369,23460	Arca Parró, A.....24892	Badia, V....21843,24273-4,	Barthelet, J...20755,20810
Allen, W. G.....24842	Arceneaux, T. J.....21633	24681,24770,25023	Bartlett, P. D.....22951
Allendes, O.....23592	Archbold, H. K.....21016		Bartlett, R. W.....24617



Item	Item	Item	Item
Bartlett, S.....22307	Bernadac, P.....23680	Bloch, H.....22171	Branzanti, E. C....21647-8
Bartling, C. A.22691,24455	Berner, A.....21360	Blodgett, E. C.20275,20812	Bravo, A. F.....24074
Barton, L. V.....20962	Bernès, J.....23519	Bloom, A. H. V.....24883	Bray, M. W.....20080-1
Barton, W. M.....22439	Bernon, G.....20813,21315,	Blount, W. P.....22556	Brayer, H. O.....22446
Barton-Wright, E. C..25085	21317	Boceta Durán, V.....22283,	Brazelton, J. S.....22919
Bartram, E. B.....20728-9	Berrutti Pellegrino, R....	22443	Brazil. Ministério da
Bartsch, J.....20889	24317	Bock, T. M.....20706	Agricultura. Divisão de
Bashford, T. E.....23861	Berry, G. H.....21724	Boczkowska, M.....23142	Defesa Sanitária Vegetal.
Baskette, J. E., Jr..20149	Bertelli, J. C.....20756	Boczkowska, Mme.....23143	25220
Basterrechea, L. de..22555	Berthault, P.....24572	Bode, I. T.....21846	Bredo, H. J.....23520
Bastias N., O.....22217	Berthon, R.....22055	Bodensteiner, L. J...24637	Breen, J. P.....24757
Basu, J. K.....21753	Bertoni, M. S..20678,22917	Bodmer, H.....20966,21361,	Breneman, W. R.....22674
Bates, E. M.....21824	Bertrand, I.....22654	23595	Brentzel, W. E.....20436
Bathe, D. R.....21617	Bertrand, P.....20630	Boeger.....22444,23953	Brétignière.....21071
Bathurst, A. C.....20963	Bertullo, V. H.....24360	Boettel, J.....21190	Brétignière, L.....21072,
Battles, O. V.....22308	Bessonnet, E. C.....23069	Boeuf, F.....21197,21900	21619,21982
Bauer, J. M.....24771	Bette.....24019	Bogard, R.....22861	Breton, J. A.....24977
Baver, L. D.....21066	Bettendorf, H. J...22142-3	Bogges, T. S., Jr...20329	Breviglieri, N.....20611
Beach, E. F.....22642	Better Homes and Gardens..	Bohanan, L. B.....20292	Brewster, F. H.....21649
Beakbane, A. B.....20909	20512	Bohstedt, G..22181-2,22365	Brewster, M. D.....24387
Beale, J. H.....21359	Bettini, T. M.22180,22282,	Bois, E. J.....21555	Brin, P. W.....21017
Beall, H. W.....22088	22391,22441-2	Boischot.....21965	Brichet, J....21261,21850,
Beall, T.....20441	Betts, H. S.....20079	Boischot, P....21069,21847	23864
Beamish, H. V..22281,22504	Beurer, R.....23681	Boixo, Baron de.....23456	Bridges, A.....24657
Bear, E. M.....21293	Bezerra dos Santos, L.....	Bolens, G.....21070	Bridges, J.....24918
Bear, F. E.....21927	20890	Bollenbacher, K.....19887	Brierly, P.....20873,23354
Bear, L. K.....20438	Bhargava, K. S.....20964	Bombay. Dept. of Agr.24279	Briggs, F. A.....24075
Beard, D.....22885	Bhat, S. S.....20965	Bond, C. A.....19906	Briggs, H. M.....20338
Beard, D. F.....21067	Bhatnagar, M. P.....21157,	Bond, G. E.....24145,24656	Brightwell, L. R.....22219
Beard, F. H.....21646	21791	Bondar, G.....20883	Brightwell, S. T. P..24266
Beard, J. W.....22885	Bhatnagar, S. C.....21685	Bondurant, J.....20474	Brill, O.....21362
Beatty, R. T.....24276	Bhatnagar, Sir S. S..24573	Bondurant, J. E.....20282	Brindse, R.....25087
Beaumont, A. B....21128-9,	Bhattacharya, B.....23682	Bongarts.....22445	British Elect. and Allied
21734,21754,21845,21890	Bhima Rao, C. W.....24277	Bonner, R. E.....24387	Indus. Res. Assoc...23766
Beavens, E. A.....24205	Bianchi, S. P.....24773	Bonser, H. J.....20341-3	Brittingham, W. H....20348
Becerra Agudelo, M. de J..	Blanchini, B.....24318	Borasio, L.....24280	Britton, J. W..22535,22826
23353	Bidwell, P. W.....20507	Bordeleau, R..21755,24541	Britton, M. E.....20574
Beck, G. F.....20629	Bieber, R. P.....20608	Borghart, E. M.....23719	Broatch, J.....24076
Beckley, V. A.....22901	Bierbach, A.....22779	Borghetty, E. C.....24072	Brody, S.....20540,25053
Beeler, M. H....23756,24916	Bierly, I. R.....23718	Borkenhagen, E.....23954	Broeg, W. E.....24281,24510
Beeson, W. M.....22820	Bierwert, T. L.....20631	Borror, D. J.....23543	Broekman, L. F.....24282
Beguó, H.....23197,23200	Biffin, W.....23573	Borsini, O. E.....20596	Broen, M.....24552
Beinert, K.....21979-80	Biller, E. E.....20354	Bose, R. D.....21802	Brogden, J. T., Jr..24283
Beins, C. A.....23862	Billingshurst, S. C...21074	Bose, R. N.....22392	Brough, E.....21851
Beketovskii, D. N....20938	Billings, W. D.....20421	Bosman, G. J.....24774	Bromley, S. W.....23145
Bekkedahl, N.....24484	Billingsley, G.....25024	Bost, R. W.....24540	Brooker, M. A.....24884
Bel'govskii, M. L....23223	Bing, F. C.....24278	Bostick, B. O.....23144	Brookins, W. W.....21620
Béline, M.....21260	Birabén, M.....25193-4	Botelho, J.....24508-9	Brooklyn Bot. Gard...25234
Belkin, J. N.....23312	Birch, L. C.....23141	Bottom, F.....24361	Broomhead, W. W....22694-5
Bell, J. C.....24456	Bird, H. R.....22652	Boucher, P.....24183	Brot, R.....21757
Bell, R. C.....23642	Bird, J. N.....21132	Bouhniol, J. J.....23535	Brown, A. M.....20776
Bell, W. E.....23572	Birdseye, C.....23863	Bouquet, A. G. E....21848	Brown, B. M.....23916
Bellefroid, V. de...21981	Birkett, C. B..22100,24551	Bourg, C. J.....25165	Brown, C. A. C.....23766
Bellwood, L.....24070	Birtwistle, V.....22692-3	Bourne, A. I.....20404	Brown, C. S.....20681
Belotti, E.....23951,23997	Bisson, J. E...24319,24351	Bourne, G. H.....25052	Brown, D.....23013
Belval, H.....21020	Biswas, K.....20632,22963	Bourne, J. A.....24205	Brown, E.....24081
Benander, P.....23454-5	Biswell, H. H.20329,22082,	Boutaric, M. A.....21686	Brown, E. S.....23544
Bender, R. E.....24917	22218	Bovey, P.....23418,23457	Brown, H. G.....24646
Bendixen, H. A.....20357	Black, B. C.....23683	Bowles, C.....20515	Brown, I.....22310
Benedict, W. V.....19997	Black, J. D.....20485	Boyd, D. T.....24073,25025	Brown, J. B....22447,24561
Bengston, B.....24772	Black, L. O'C.....23324	Boyd, H. M.....22309	Brown, J. R.....21363
Bengtsson, S.....22851	Black, S. L.....22364	Boyd, J. H.....21925	Brown, M.....20516
Ben-Gurion, D.....24844	Black, W. H.....20349	Boyer, L. A.....20827	Brown, M. C.....22016
Benjamin, K. T.....22440	Blackman, G. E.....21618	Boyer, W. P.....23787	Brown, P. D.....21364
Benlloch, M.....20811	Blackmon, A. A.....20377	Boyle, R. A.....21756	Brown, R. A.....22630
Bennett, C. A..19844,23643	Blackwell, H. L.....22597	Boza Barducci, T....21110,	Browne, R. Y.....22111
Bennett, H. G.....24071	Blackwood, J. H.....25177	21556	Brownlee, J. E.....25026
Bennett, H. H.....21739	Blair, K. G.....23225	Braccini, P.....20891	Brownsberger, A.....22183
Bennett, H. W.....21130	Blair, L.....23011	Brackeen, L. O.....21134	Brubaker, D. D.....23721
Benson, R. B.....23416-17	Blake, C. C.....24457	Brade, A. C.....20679-80,	Bruce, R. H.....22393
Benson, S.....22083	Blake, M. A.....21294	20721	Bruce, W. G.....23227
Beresford, H.....20274	Blake, R.....22780-1,24372	Bradford, B.....23137	Bruch, W. D.....20082
Beresford, R.....22363	Blanc, G.....23541-2	Bradt, C. G.....23720	Brühl.....21218
Berg, R. L.....23224	Blanch, G. T.....24754	Brain, S. G.....20297	Bruford, J. W.....22394
Bergal, P.....21068	Blanco y P. de Camino, R..	Branas, J...20757-9,20813,	Brüdlé, J. D.....22168
Bergel, F.....25086	21133	21316-17	Brüdlé, M.....22123,22131
Berger, G.....20865	Blanford, C. J.....23952	Brandly, P. J.....20125	Brummenbaum.....24684-5
Bergeret, G.....21554	Blauer, E. R.....21201	Brandner, J. D.....24387	Brumpt, E.....23313-14
Bergillos del Rfo, A.24386	Blausner, I. P.....20442	Brandoncio, V.....24388	Bruner, S. C.....20814
Bergmann, S. T....23009-10	Bledsoe, R. C.....22141	Brannon, L. W.....22918,	Bruneteau, J.....23355
Berkshire.....21942	Blin, H.....22821	23458-9	Brunn, L. K...22913,22915,
Bernandez G., L. A....21131	Bliven, B.....21891	Brant, A. W.....22634	23460



Item	Item	Item	Item
Brunner, E. de S.....20476	Calif. Agr. Col. Ext. Serv.....20378	Carter, G. F.....20633	Chaung, T. M.....23210
Bruno, A.....21191	Calif. Agr. Expt. Sta.....20259-65	Carter, J. C.....20866	Chavagnat.....23767
Brunson, M. H.....23414	Calif. Crop and Livestock Rptg. Serv.....24044	Carter, W.....23359	Chavez Núñez, F.....24980
Brus, G.....22135	Calif. Dept. of Nat. Resources Div. of Forestry.....20571	Cartwright, W. B.....19999	Chédeville, C.....23920
Bryan, A. E.....24047, 24077	Calif. Fruit Growers Exch.....20517	Carvallo Drien, G.....21958	Cheek, L. G.....24542
Bryan, O. C.....21700	Callan, E. M.....23522	Casa Pacheco, Marqués de.....22599	Chen, S. T.....23292
Bryant, G. H.....23865	Calvet, E.....21000-2	Casado de la Fuente, C.....24845	Cheng, M. T.....20749
Bryant, R. L.....22696	Cambournac, F. J. C.23229, 23315-17	Cass, F. H.....20229	Cherian, M. C.23071, 23401, 23467
Bryce, D.....22220	Cameron, A. K.....20682	Casella, D.....21263	Chernov, V. K.....20892, 20969
Bryk, F.....23461-4	Cameron, M.....23146-7	Casillo, N. R.....22902	Chevalier, A.....21650
Buccleuch, Duke of.....24870	Cameron, R. H.....22448	Caskey, C. D.....24048	Chevigny, J. de.....22575
Buchanan, Mrs. G. T.....21365	Cameron, W. C.....23955	Casparius.....22557	Chew, A. P.....24690
Buchanan, M. L.....22871	Campbell, C. C.....22115	Cass-Smith, E.....24374	Chiaromonte, A.....22923
Buchanan, M. T.....24823	Campbell, C. J.....22630	Cass Smith, W. P.....20815, 20874	Chicago Univ. Center for the Study of Audio-Visual Instructional Mater.....20478
Buchholz, W. F.....20340, 20760	Campbell, D.....20338	Cassez.....21762	Chick, H.....25088-90
Buckatzsch, E. J. M.....24574	Campbell, D. A.21740, 21893	Cassler, L.....23685-6	Children's Nutr. Council.....25056
Buckley, K. H.....21557	Campbell, D. J.....21370	Castagnet, A. D.....23999, 24320	Childs, J. B.....25167
Buckman, S. J.....22111	Campbell, H. L.....22598	Castañedo, J. A.....22536	Chile. Dirección General de Agricultura.....21083, 21114
Buckner, G. D.....22629	Campbell, R. E.....23358	Castañón, G.....21137	Chile. Ministerio de Agricultura.....20479
Budilov, M.....23757	Campos, V. D.....22567	Castellana, A. R.....24658	Chilean Nitrate Sales Corp., Inc.....20602
Buenos Aires. Universidad. Facultad de Agronomía y Veterinaria.....20556	Camras, S.....23230	Castellani, E.....20741, 20816-19	China. Natl. Agr. Res. Bur.....21112
Buffon, A.....24776	Camus, A.....20683, 20941	Castelló, S.....20541	Ching, R. C.....20722
Bugbee, P.....23574	Canada. Bd. of Grain Commrs.....22949	Catcheside, D. G..23231-2, 23260-1	Chittenden, D. W.....22450
Bugbee, R. E.....23419	Canada. Bur. of Statis.....23899	Cathcart, C. S.20314, 20316	Chiu, W. F.....20749
Buhr, F.....23627, 23684	Forestry Branch.....22144	Cato, C. L.....24921	Chladek, V.....22222
Buie, T. S.....21892	Canada. Dept. of Agr.....21018, 22949	Cattleman.....22574	Choin du Double, P. de.....22537
Bulcock, F. W.....24686	Mktg. Serv.....20528	Cavallaro, C. D.....24978	Chopard, L.....20561
Bull, L. B.....22189	Canada. Dept. of Trade and Com. Bur. of Statis.....24920	Cavanaugh, W. W....24020-1	Chopra, B. N.....24553
Bullis, D. E.....24206	Canada Packers Limited....24373	Cavaney, B.....24078	Chopra, I.....23946
Bullis, K. L.....22655	Canadian Aberdeen-Angus Assoc.....20542	Cave, N. L.....21372	Chouard, P.....20970-1
Buono, R. P. del.....22284	Candussio, R.....21135	Cavero Blécula, M.....24777	Choudhury, S. D.....24079
Burdett, J. H.....24490	Cañizares Zayas, J...21262	Cavers, J. R.....22631	Chowdhury, H. K. N...22223
Burgevin.....21758	Cañizo Gómez, J. del.....20575, 25166	Caziot.....21931	Chowdhury, S.....20742
Burgevin, H...21759, 21767, 21985	Canning, G.....24391	Castabide Arrillaga, M. C.....22185	Christensen, C. M...20164, 20634, 21895
Burgen, M.....20510	Cannon, C. Y.....22366	Cecil, S. R.....24269	Christensen, J. R....23468
Burke, F.....23228, 23521	Cannon, M. C.....20477	Celso Filho.....24576	Christian, C. F.....24009
Burkhead, C. E.....24410	Cano, A. E.....22862	Central Bank of Argentina. Econ. Invest. Dept..24065	Christy, A. E.....20480
Burmester, B. R....22656-7	Canterbury Agr. Col., New Zeal.....21136	Central Nebr. Pub. Power and Irrig. Dist.....21853	Chrystler, M. A.....20723
Burnett, R. S.....24389	Canterbury Chamber of Com. 21136	Cerdelli, U.....24394	Church, L. F.....24625
Burns, E. M.....20485	Caparn, H. A.....21371	Chabot, E.....23722	Chuvikov, V.....24778
Burns, H. C.....25054	Caporiatto, L. di...23101	Chadwell, A. J.....20451	Ciccarone, A...20761, 20820
Burnside, C. E...23014-15	Capus, J.....21725	Chadwick, L. C.....20967, 21373, 21761	Cifferi, R.....21651
Buron, P.....21726	Caradonna, L.....25055	Chalmers, H.....25028	Cillis, E. de.....21826-7
Burroughs, R. J.....19902	Caridroit, F.....22640	Chamber of Com. of the U. S. of Amer. Agr. Com.. 24577	Cintolesi C., G.....22186
Burrows, W. H.....23070	Carimini, M.....22921	Chamberlain, R. W.....23319	Civran, R.....20972
Burton, H.....24575	Carlson, C. G.....21029	Chamberlain, W. E....24022	Clafin, C. F.....24758
Burton, W. G.....24207	Carlson, G. W.....22018	Chamberlin, F. S.....19909	Clapham, A. R.....25212
Burtscher, W. J.....21318	Carlson, J. W.....23404	Chamberlin, H. H.....20287	Clark, A. M.....21374
Burvill, G. H.....21825	Carlson, W. E.....22506	Chaminade, R...21701, 21762	Clark, C. M.....20281
Bushnell, F. R.....23100	Carlton, F. T.....24688	Champion, H. G.....21030	Clark, D.....20591
Buskirk, R. J.....24146	Carnegie Endowment for Internatl. Peace Div. of Internatl. Law.....20491	Champlin, M.....21621	Clark, F.....23597
Buss, R.....22665	Carnevale, J. A.....22050	Chandler, A. L.....24979	Clark, I. G.....24659
Bustos N., J.....21649	Carpano, M.....22221	Chandler, S. C.....23466	Clark, J. H.....24210
Busvine, J. R..22920, 23564	Carpenter, S. J...23318-19	Chang, C. Y.....24578-9	Clark, J. M.....20485
Butler, C.....23016	Carrado, F. J. M.....24284	Chang, P. H.....23300	Clark, J. S.....21375
Butler, C. G.....23017	Carrante, A.....24392	Chapin, M. R.....20607	Clark, K. G.....21966
Butler, E.....21760	Carrión, P.....23918-19	Chapman, C. J.....21763-4	Clark, L.....20730-1, 24981
Butler, R. I.....23644	Carroll, J.....22922	Chapman, D. V.....22449	Clark, L. G.....21376
Butt, L. W.....21366	Carroll, J. F.....23830	Chapman, G. M.....22505	Clark, R.....22827
Butz, E. L.....24687	Carroll, L. R.....23866	Chapman, H. H.....22054	Clark, R. J.....24285
Burton, P. A.....22920	Carrothers, G. E....22162	Chapman, P. W..24841, 24922	Clark, W. E.....22702
Buzi, G. C.....24390	Carruth, L. A.....20328	Chappel, C. J.....23706	Clarke, E.....21377
Byall, S.....19942	Carson, G. P.....20939	Chappellier, A.22396, 23148	Clarke, R. W.....23921
Caballero, J. M.....25027	Carsten, H. A.....24393	Chaptal, L.....20968, 21894	Clarke, S. E.....21018
Cabell, A.....21368	Carter, D. G.....23758	Charles, T. B.....22700	Clarke, W. B.....20635
Cabral de Vasconcellos, P. W.....22017		Charon, A. J...22701, 22791	Clausen, R. T.....22952
Cáceres Brie, A.....23356		Chatterton, Sir A....24689	Clauson, M.....24893
Cáceres y Martínez, A. R.. 22395		Chattopadhyay, K. P..24923	Clayton, E. E.....20821
Caddow, H. A.....23917		Chauchard, P.....25124	Clayton, H. G.....24691
Cadney, R. G.....21369			Clément, P.....23149
Caldas, E. de C.....24589			
Calder, G. G.....21852			
Caldwell, E.....20247-8			
Caldwell, J. S.....20973, 23357, 24208-9			
Caldwell, S. A. G....23645			



Item	Item	Item	Item
Clemson Agr. Col. S. C.	Conn. Agr. Col. Ext. Serv.	Cronin, F. D.....	Day, D. I.....
Ext. Serv. See S. C.	20381	Cronk, L. M.....	Day, E.....
(Clemson) Agr. Col. Ext.	Conn. Dept. of Agr. Bur.	Crooks, D. M.....	Day, E. W.....
Serv.	of Markets.....	Crossley, E. L.23988,24024	Day, G. E.....
Cleyn, F. E.....	Conn. (State) Agr. Expt.	Crouch, I.....	Day, R. L.....
Clifcorn, L. E.....	Sta.....	Crouse, J. W.....	Dayton, W. A.....
Cliffe, A. E.....	Connell, R.....	Crow, A. B.....	Dearden, D. V.....
Clifford, L. W.....	Connell, W. E.....	Crow, R.....	Dearstyne, R. S.....
Cline, A. C.....	22367-8,	Cruess, W. V.....	De Castella, F.....
Cline, H.....	22370	Cruz A., M.....	Decker, B. E.....
Cline, L. E.....	Connolly, M. J.....	Cruz Riascos, L.....	Decker, R. E.....
Clover, V. T.....	Connors, C. H.....	Cuccurulo, M.....	Decoux, L.....
Coad, H. W.....	Conrad, H. S.....	Cuenca, C. L. de.....	Decoux, J. J.....
Cobbett, N. G.....	Cook, A. H.....	Cugnac, A. de.....	Dedman, J. J.....
Cochel, W. A.....	Cook, L. J.....	21020	Deerr, N.....
Cockayne, E. A.....	Cook, W. C.....	21983	Deflassieux.....
Cocker, H. R.....	Cooper, K. W.....	Culley, J.....	Delamarre de Monchaux,
Cockerell, T. D. A.....	Cooper, L.....	Culpepper, C. W.....	Comte..23143,23152,23199,
Codoni, J. C.....	Cooper, L. H.....	24208	23236
Coffey, J. S.....	Cooper, M. R.....	Culver, V. S.....	Delarouze, G.....
Coffman, D.....	Cooper, R. F. V.....	Cummings, C. M.....	25059-60
Cohes, R. F., Jr.....	Cooper, W. C.....	Cummings, M. B.22928,23151	Delaroziere, F.....
Cohen, R. M.....	Cooper, W. E.....	Cunha, J. R.....	De La Vega, R.....
Colas-Belcour, J.....	Cooperative League of the	Cunningham, L. C.....	Del Agr. Expt. Sta..24204
Cole, C. L.....	U. S. A.....	Curran, C. H.....	Delgadillo, S.....
Cole, E.....	Copley, G. H.....	Curran, G. B.....	Dellazoppa, J. G.....
Cole, H. I.....	Copping, A.....	Currie, G. A.....	21192
Cole, R. B.....	Copsey, L. T.....	Curry, A. S.....	Dellepiani Galli, A. de....
Coleman, O. T.....	Corban, E. B.....	Curry, N. H.....	22548,22576
Coles, J. D. W. A.....	Corn Indus. Res. Found.,	Curtis, D. E.....	Delmas, R.....
22703	New York.....	Cushman, H. E.....	23153,23470
Coletti, A.....	Cornell, C. R.....	Cuss, J. F.....	Delmonte, J.....
Collery, L.....	Cornell Univ. School of	Cuthbertson, W. R.....	DeLong, D. M.....
Collett, R. W.....	Nutr.....	Cutkomp, L. K.....	23362
Collicutt, S. A.....	20564	Cuttell, J. R.....	Delpech, R. P.....
Collier, G. A.....	Cornwell, L.....	24025	Delph, A. E.....
Collier, J.....	Coronado, M. J.....	Cutter, R. M.....	24081
Collinge, A. V.....	24082	Dadswell, H. E.....	Del Vecchio, V.....
Collins, R. W.....	Corradetti, A.....	22038	23323
Collins, S. B.....	Correva, A.....	Daggy, R. H.....	Delworth, C. I.....
Collinson, H.....	Corrie, F. E.....	23322	21224
Collison, C. F.....	21944,22188	Daines, R. H.....	De Meillon, B.....
23956	Corson, J. F.....	20823-4	23324
Colombia. Ministerio de	Cory, E. N.....	Daji, J. A.....	Demichelis, L. A.....
Hacienda y Crédito	Cosline, H. L.....	Dakan, E. L.....	22558
Público.....	Costa, E. da.....	Dalke, P. D.....	21385
23922	Costales, E.....	Dallimore, W.....	Demolon, A.....
Colo. Agr. Expt. Sta.....	Costello, D. F.....	Dallman, A. A.....	21762,21766-8,
20266-8	Costingham, W. S.....	Dameron, K.....	21900,21945,21947,21985
Colo. State Col. of Agr.	Cottlingham, W. S.....	Damonte, F. R.....	21386
Ext. Serv.....	Council of Brit. Socs. for	Daniel, D. M.....	Demonet, J. A.....
20379-80	Relief Abroad.....	20327	24928
Colo. Univ.....	20565	Daniel, G. E.....	Denbigh, B. R.....
20498	Council of State Govt.....	20359	22574
Colovos, N. F.....	20482	Daniel, H.....	Denis, J.....
20309,20313	Council on Foreign Relat..	20358	23102
Colston, R.....	20507	Daniel, T. W.....	Denis, L.....
23867	Coupan, G.....	Daniels, W. A.....	Denman, C. B.....
Columbia Univ. Dept. of	22926,23598,	Dannecker.....	24459
Chem.....	23687-8,23723	Dansereau, P.20685,22073-4	Denmark. Landøkonomiske
20564	Coutts, J. R. H.....	22072	Driftsbureau.....
Columela.....	21702	Dao, V. T.....	23848
25092	Couturat, J.....	Darby, H. A.....	Denniss, C. J.....
Colwell, W. E.....	23150	Darlington, C. D.20910-11	20327
21797	Cowles, F.....	20338	Dent, A.....
Comas Calvet, P.....	23958	Darlow, A. E.....	20566
23789	Cox, G. A.....	20762	Deoras, P. J.....
Combs, J. F.....	24023	Darrow, G. M...19971,21320	23237
23847	Cox, H. B.....	24375	Depardon, L.....
Comisión Argentina de	22574	21984	De Petris, V. R.....
Fomento Interamericano...	Cox, H. R.....	21984	21387
24709	21622	Dastur, K. N.....	Deschènes, M.....
Committee for Econ	Cox, J. K.....	20974-5	22109
Devlpmt., New Mexico.....	Cox, R. W.....	Datta, A.....	Deschene, S. M.....
20495	24582	20912	23073
Committee on Mobilization	Coxe, S.....	Daunoy, H. L.....	21207
of Negro Labor to Pro-	Coyne, E. J.....	Davenport, C. K.....	Desrue, A.....
duce and Harvest Agr.	Crafts, A. S.....	21384	24147
Prod. Necessary to the	Craig, W. N.....	Daviault, L.....	DeTurk, E. E.....
Prosecution of the War...	21380	22893	20279
20035	Cramer, W. M.....	24908	Deuel, H. J., Jr.....
Concha, R.....	Crampton, E. W.....	20465,	20291-2,
21223	24287	22525	24638
Confederación de Asocia-	Crawford, A. B.....	Davis, E. M.....	Devereux, R. E.....
ciones Rurales de Buenos	Crawford, F. W.....	20085	20173
Aires y la Pampa....	22659	20066	20724
24982	Creighton, G. W. I.....	22788	Dewey, J.....
Conforti, E.....	22072	25206	20472
20884	Crépin.....	21765	Dewey, R. L.....
Congreso Nacional de	Crépin, C.....	24660	24354
Cafeteros, 14, Colombia..	20764	23194	Dexheimer, F. J.....
20519	Cresswell, M.....	20252	23363
Congreso Nacional de Co-	Crestin, F.....	23648	22084
operativas de Colombia,	Cribb, A.....	Davis, F. E.....	20176
1, Medellin, 1943...20481	21854	20066	22225
22398,22574	Crider, F. J.....	22788	Dias, J. de O.....
Conn, G. H.....	21985	25206	20893
	Crissey, A. N.....	21765	Días A. F.....
	22452	24660	24584
	Cristofolini, F.....	23194	Diaz Durán, J.....
	22051	20252	21653
	Cristol, S. J.....	24043	Dick, A. T.....
	22927,22951	23648	22189
	Croce, F. M.....		23363
	21296,24212		23649
			20456
			21077
			24661
			20768-9
			23384
			21856
			19886
			23813,24696



Item	Item	Item	Item
Dietz.....22894	Dunn, S.....20307	Eriksson, G.....23472	Ferguson, B. L.....20403
Dietz, M. A.....22089	Du Plessis, P. H. C.....22712	Erliljman, M.....21860	Ferguson, C. M.....20440
Dietz, T. J.....24485	Dupont, G.....24289, 24555	Ernould, L.....21206	Ferguson, H. K.....24438
Dikmans, G.....22828	Duran, J. J.....22400	Escobar, R.....24461	Ferlat, G.....23689
Di Lullo, J.....23019	Duran M., L.....23364	Escourrou, R.....24289, 24555	Fernald, M. L.....20692
Dimitri, M. J.....24398	Durrant, J. M.....22539	Escudero, P.....25061	Fernand, P.ere.....24217
Dingwall, A. R.....21711	Dussault, H. P.....22934	Escuela Especial de In- genieros de Montes, Madrid.....25232	Fernández, R. R.....21209
Dinhausser, F.....22369	Duwall, E. M.....25016	Eshleman, R. F.....20280	Fernández Aguirre, E..... 21559, 23241
Dinsa, H. S.....24026	Dwyer, J. D.....20689	Esmond, C. W.....24013	Fernández de la Fuente, V. 21560
Dinsmore, W.....22574	Dyck, D. van.....20577	Espinoza Toro, R.....21946	Fernández Salazar, E.....22578
Dintelmenn.....22056, 22090, 22155	Dykstra, T. P.....19894	Esplin, A. L.....22370	Ferrara, A.....24404
Dionne, J.....22091	Dyment, J. N.....23074	Esson, J. G.....21397	Ferrari, R. C.....24543
Dirks, C. O.....23259	Eaker, C. M.....22951	Estefanell, C. N.....24010	Ferreira, F. da C.....23242
Dittes, H.....23600	Easterbrook, L. F.....21141, 21986, 23698, 24984-5	Estes, G. C.....23576	Ferreira, T.....23242
Dixey, R. N.....24662	Easterby, J. H.....20483	Etter, A. F.....21312	Ferreira, T. G.....23271
Dobzhansky, T.....23277	Eastman, E. R.....24628	Evans.....22494	Ferreira dos Santos, N..... 20977
Dodds, K. S.....20942	Ebright, R. E.....22227	Evans, E. E.....22057	Ferrière, C.....23158
Dodge, H. R.....23325	Echeverría, E. A.....24699	Evans, E. H.....21398	Fessler, J.....23929
Doermann, A. F.....21388	Eckert, J. E.....23021	Evans, F. A.....25062	Fethers, G.....22229
Dombrowski, E.....23650	Eckley, N. O.....24930	Evans, F. G.....21227	Feucht, O.....20897
Dominicis, A. de.....21727	Econ. Res. Group.....20484	Evans, O. R.....22845, 25031	Feytaud, J.....22937, 23159-61
Dominicis, de.....24383	Ecuador. Ministerio de Economía.....20530	Evans, R. H.....22145	Fietkau.....20867
Donagaray, F.....24367	Dirección General de Estadística y Censos.... 25224	Evans, R. J.....22634, 25099	Fietkau, F.....22865
Donaldson, E. B.....24184	Ede, W. E. M.....23075-6	Eveleth, D. F.....22661	Figuerola, J.....22402
Donatien, A.....22428	Edees, E. S.....20690	Everett, C. K.....24085	Filley, H. C.....24326
Donato, L.....24399-400	Edgar, A. D.....20335	Everett, T. H.....21399-400, 21728	Filmer, R. S.....22938, 23367-8
Doney, C.....22227	Edlin, H. L.....20894	Everts, A. B.....22085	Finan, J. J.....20662
Doney, C. F.....21389	Edwards, C. L.....22577	Ewer, R. F.....23155	Finch, A. H.....20254, 20256-7
Donisthorpe, H.....23238	Edwards, N.....23022	Ewing, J. T.....21558	Finch, C. D.....24003
Donistnorpe, H. S. J. K.... 23421	Efferson, J. N.....24825	Ewing, Q.....24702	Fincham, I. H.....22394
Donno, G.....20687	Egdell, J. W.....23988	Eyer, J. R.....23473	Findlay, J. D.....23988, 24028, 25102
Doole, L. E.....23710	Egli, K.....22843	Eylar, Mrs. F. B.....21401	Findlay, W. M.....21973
Doran, W. L.....21390	Eheart, M. S.....25098	Eyles, E. D.....23240	Fink, C. G.....25196
Dorasaki, L. S.....20913	Ehwald, E.....20895	Eyre, F. H.....21047	Fink, H.....25103
Dorman, C.....25213	Eickmann, H.....22401	Ezekiel, M.....20485	Finney, D. J.....25104
Dormon, C.....21391-2	Eickner, H. W.....20087	Ezell, B. D.....24208	Finney, G. L.....23422
Dornbush, A. C.....22638	Eire. Dept. of Agr.....24700	Fabra Rivas, A.....24990	Flori, A.....20693-4
Dorré, G.....24627	Eire. Pigs and Bacon Com.. 24323	Fagerlind, F.....20914	Firbas, F.....20594
Dorsey, L. M.....23984	Eisenberg, W. V.....20743	Fahmy, H.....24402	Fireman, M.....21861
Dossin, C. O.....24460	Ekstedt, G.....23471	Fahr.....21032	Fischer, G. W.....20355
Doud, Mrs. F.....20086	Eksteen, L. L.....21771	Fairchild, D.....21265	Fishbein, M.....22939
Douglas, A.....24000	Ekström, B.....24986	Falkenström, G.....23156-7	Fisher, E. H.....23369
Douglas, J. R.....22456	Elcock, H.....21772	Fang, S. H.....23213	Fisher, G. M.....21405, 24846
Dow, G. F.....23960, 24001, 24663, 24824	Elder, J. S.....22422	Farm Credit Admin. of New Orleans. Div. of Res.....24885	Fisher, J.....21049, 21143
Dow Chem. Co.....25223	Elkin, H. A.....24081	Farnsworth, Mrs. H..... 22713-14	Fisk, F. W.....23331
Dowd, M. T.....20566	Elles, G. L.....25195	Farquhar, A. J.....24291	Fiske, J. G.....20315
Dowell, A. A.....24618	Elliot, E. A.....22844	Farquharson, J.....22228	Fite, A. B.....20423-4
Dowling, A. P.....22138	Elliot, H. G.....21145	Farr, H. W.....24324	Fitting, H.....20594
Downer, H. E.....21393-4	Ellis, C.....24701	Farrankop, H.....20247, 20249-50, 20252	Fitts, J. W.....20300
Dowsett, W. T.....23849	Ellis, F. E.....21858, 23365	Farrer, K. T. H.....25100	Fitzgerald, M.....20405
Doyle, C. B.....19972	Ellis, N. R.....20349	Farwell, J.....20470-1	FitzPatrick, H. M.....22075
Doyle, H.....22829	Ellis, W. J.....24101	Fassett, N. G.....20691	Fitzsimmons, J. R.....23577
Doyle, T. M.....22226	Ellison, N. F.....20636	Faust, E. G.....23326	Flanders, S. E.....23422-4
Drage, C. M.....20379-80	El Salvador. Departamento de Exportaciones de Café. 25030	Favard, P.....23474	Fledderjohn, H.....23868
Drain, M.....21969	El Salvador. Ministerio de Hacienda.....23900	Favre C., J.....21142	Fleming, H.....23475
Drake, N. L.....22951	Elsworth, R. H.....24290, 24987	Fawcett, E. J.....24325	Fleming, W. E.....22940, 23162
Draper, C. I.....22633	Emanuel, V.....24988	Fawcett, E. S.....20875	Fletcher, F. C.....23536
Drouineau, G.....21847, 22932	Emelen, A. van.....23023	Fawcett, R. M.....24002	Fletcher, H. C.....21896
Drummond, W. C.....20976	Emerson, A. W.....21859, 23602, 23634	Favre C., J.....21142	Floch, H.....23103
Drummond, W. M.....24697	Emmett, A. D.....22630	Fawcett, E. J.....24325	Fla. State Chem.....21929
Duarte, P. J.....21688	Empringham, J.....20591	Fawcett, E. S.....20875	Flory, V.....21266
Dubarry.....23239	Emsweller, S. L.....21396, 21517	Fawcett, R. M.....24002	Flowers, P.....22941
Du Bois, W. L.....23020	Engels, O.....21773, 21928, 21987-9	Federación Nacional de Cafeteros, Colombia.....20519	Fluharty, D. G.....23850
Duck, R. W.....22559	English, R. E.....23024	Federación Rural (Uruguay) 24368, 24684, 24703	Flynn, J. A.....22230
Duckham, A. H.....25097	Ennever, W.....24401	Federation of Amer. Angora Breeders.....22782	Foß, F.....20764, 20825-6
Dudik, G. F.....21208	Ensminger, D.....20013-14, 20476	Federik, T.....23928	Fogelqvist, G.....23163
Duffy, E.....22790	Ensminger, L. E.....21774	Fehr, F., & Co.....24403	Foley, E.....24218
Duffy, E. A. J.....23154	Ensminger, M. E.....20358	Feiner, J.....22935, 24512	Folin, C. B.....22458
Dufour, A.....21225	Erb, J. H.....24027	Felber, I. M.....20637, 25171	Folsom, D.....21561
Du Frane, B.....24929	Ericsson, G.....21078	Feldmann, J.....20896	Fominykh, V. N.....20543
Dugand, A.....20688		Fender, D. M.....23188	Fontaine, T. D.....24414
Dumbleton, L. J.....22933		Fender, K.....22936	Forde, H. I.....20263
Du Mond, C.....24642		Fenske, L. J.....24825	Forrester, R. W.....24081
Duncan, J. E.....24322		Fenton, F.....25101	Forsslund, K. H.....23327
Dunham, C. W.....20513		Fenton, F. C.....23603	Fort, C. A.....19942, 24513
Dunker.....21769-70		Fenton, H. J.....24899	Fort Hays Kans. State Col. 24907
Dunkley, W. L.....23889			Foss, J. O.....22231, 22403, 22661
Dunlavy, H.....20336			
Dunn, D.....19968			
Dunn, G. E.....21857			



Item	Item	Item	Item
Foster, G. A. R.....24078, 24086-8	Garcia, J. P.....23814	Gilyard, R. T.....22233	Gotaas, H. B.....24590
Foster, J.....24049	García Fernández, J.....22190	Ginns, R.....21413-14	Goth, A. G.....19950
Foster, J. E.....20329	García Isidro, M.....24647	Giordano, G.....22041, 22079	Goupils, P. L.....22948
Foster, L. B.....22157	García Miralles, V.....25211	Giordano, H. J.....24492	Grace, N. H.....20982
Foster, W. S.....21624, 23635	García Romero, A.....20638, 21626	Girard, J. W.....20112	Grady, H. F.....25032
Fotidar, M. R.....23025	Gardner, C. A.....21145	Giraud-Costa.....23239	Graham, C.....23479
Fotidar, S. N.....23025	Garlick, N. L.....23104	Girshausen, E.....21228, 21564	Graham, E. H.....24089
Fowells, H. A.....21729	Garman, P.....20269, 22945	Gisborne, J. H.....21828	Graham, H. A.....23605, 23760, 23816
Fox, H. S.....22999	Garmendia, L. I.....22191, 22552	Giuglaris, A. L.....20639	Graham, M. D.....21779
Fox, W. B.....20695	Garnett, C. S.....21412	Giulani, R.....20611	Graham, V. E.....23995
Fradois, H.....23164	Garoglio, P. G.....24407	Giuseppe, P. L.....21415	Graham, W. P.....22719
Frame, S. H.....21862	Garola, J.....21563, 21776-7, 21947	Glässer.....22880	Gram, M. A.....25057
Franciosa, L.....20520	Garratt, G. A.....22117	Glazener, E. W.....22664	Grand, R.....24992
Francis, E. K. L.....24931	Garrett, J. E.....24081	Glazewski, A. J.....24213-14	Grande Covian, R.....21863
Francis, G. S.....20173	Garrett, S. D.....20829	Glazier, L. R.....24012	Granditskii, P.....24780
Francis, K. Y.....22527, 24826	Garrison, C. S.....21100-1	Gleason, H. A.....20697	Grandstaff, J. O.....24090
Francis, M.....24050	Garrison, G. L.....23411	Gleim, E.....25101	Grange, C.....22720, 23728
Francke, A.....21033	Gasch, E. E.....24665	Glorie, H.....20578	Granger, A.....22042
François, L.....20978-9	Gasparini, M.....20611	Glover, Sir H.....21898	Grantham, J. B.....22118
François, T.....22039	Gastaud, J. M.....20833	Glover, K.....24934	Grassman, M.....24526
Françot.....23930	Gates, A. D.....20370, 24587	Goar, L. G.....21193	Gratz, L. O.....22193
Françot, P.....20827	Gates, D. B.....23406	Gobbie, C. F.....22315	Grau, M.....24704
Frandsen, J. H.....24011, 25105	Gaudineau, M.....20766, 20809	Gobeil, A. R.....22163	Graves, A. H.....20915, 21416
Frantz, P. D.....24185	Gaudio, F. S. de.....22040	Godard, M.....20834	Graves, H. A.....21300
Fraser, A.....22846	Gault, L.....20285	Godfrey, A. B.....22618	Gravey, A.....22059
Fraser, F. C.....23545	Gauthier, G.....23189	Godfrey, G. S.....22665	Gray, H. E.....22949
Fraser, F. W.....24585	Gay, C. W.....23213	Godinho, M. A. de C. G..... 24220	Gray, J.....21080
Fraser, H.....23476, 24219	Gay, W. H.....22111	Godtsenhoven, E. van..... 20545, 20603	Gray, L. C.....25018
Frasier, F. E.....24491	Gayan S., C.....21778, 21930	Goettler, B.....22371, 24991	Gray, W.....23963
Frasier, F. W.....23651	Gayer, A. D.....20507	Goffe, E. R.....23244	Gt. Brit. Min. of Agr. and Fisheries.....23028, 23169, 23654
Frazier, W. A.....20273, 21925	Geddes, H. J.....22314	Goheen, J. L.....24900	Gt. Brit. Min. of Food..... 25056
Free, M.....21406-8	Gee, A. C.....23567	Goldsenhoven, W. van..... 21203-5	Greathouse, G. A.....19887
Freeman, C.....21409	Geiger, A.....25107	Goke, A. W.....20173	Greco, A.....23329
Freeman, D.....21409	Gelbach, M.....25017	Gokhale Inst. of Politics and Econ.....24586	Greeley, W. B.....22092
Freeman, R. C.....20394-5	Gellatly, J. U.....21347	Golding, D.....25064	Green, J.....21780
Freers, E.....22579	Gelpi, A. J., Jr.....24030-1	Golding, F. D.....23371	Green, O. H.....22602
Freitag, J. H.....20261-2	Gemignani, E. V.....22946	Golding, J. A.....21990	Green, P. L.....25173
French, A. P.....21321	Gendreau, L. A.....22232	Gomes, J. A. P.....20767, 23478	Green, R. G.....22506
French, M. H.....22866	Genschel, M.....21078	Gomes, M. de A.....24589	Greene, H. C.....20744
Freund, J.....22662	George, K.....22459	Gomes, M. F.....24514	Greenwood, T.....24544
Frey, W. L.....23869	Ga. Agr. Col. Ext. Serv..... 20382	Gomes, P.....21267	Greer, S. R.....21781
Frezotti, G.....24405	Ga. Agr. Expt. Sta.....20270-1	Gómez Clemente, F.....23168	Greg, E. G.....24081
Friedberg, L.....21068	Ga. Coastal Plain Agr. Expt. Sta.....20272	Gómez Escamilla, H.....22234	Gregg, A. L.....23029
Friend, R. B.....22942	Gerberich, J. B.....23328	Gómez Lama, M.....22540	Gregg, O. I.....21565
Friend, W. H.....21111	Gerberich, R. F.....22580	Gómez Trénor, J. A.....24292	Gregory, J.....24078, 24088
Friesen, D. R.....24406	Gerdes, F. L.....20135, 23604, 24445	Gonçalves, C. R.....23425	Greig, A. M. W.....21268
Fries, H.....23477	Gérin, M.....22021	Gonzalez, A. de J.....23726	Grène, G.....21417, 23606
Frischknecht, C.....24029	Germany. Wehrmacht. Oberkommando.....20616	González, M.....24556	Grénier, P.....23246-8
Fron, G.....20828	Geslin, H.....21079	González Arroyo, S.....21146	Greve S., G.....22235
Fronmuller, D.....22148	Gessner, A. L.....20049, 24827	González C., A.....25172	Greyling, J. C.....21689
Frost, S. W.....23370	Geurden, L.....20544	González de Andrés, C..... 20575	Griese, F.....24909
Fry, H. S.....24932	Gevorkiantz, S. R.....22078	Gonzalez Pastor, M.....21703	Griffin, L. E.....22507
Frye, C. R.....24933	Ghidini, G. M.....23546	Good, E. S.....23759	Griffiths, A. E.....20254
Frys, T. C.....20730	Ghiggoille, O. A.....24044	Good, F.....21147	Griggs, H. H.....24221
Fuller, G. H.....20609	Giacomini, A.....22807	Goodale, R.....25091	Grimes, H. S.....21566
Fuller, H.....23791	Gibbard, G.....22286	Goodchild, C.....22792	Grimes, M. A.....20347
Fuller, P. C.....22146	Gibbs, H. A.....23026	Goodearl, G. P.....20333	Grinewitsch, A.....22560
Fullerton, A.....24148	Gibson, E. T.....23870	Gooden, E. L.....22947	Grinstead, W. T.....22793
Fulton, S. M.....24149	Gibson, J. M.....22058	Gooderham, C. B.....23027, 23079-81	Grisson, M. P.....23143
Furlani, J. A.....21625	Gibson, R. C.....24588, 24620	Goodhart, R. S.....20179, 25065	Grisson, P.....20983
Furr, J. R.....20980	Gibson, T.....23986	Goodhue, L. H.....24493	Grist, E. A.....22574
Gadgil, D. R.....24586	Gieger, M.....20296	Goodpasture, M. O.....21899	Gröne, L.....23690
Gadsch, W.....22783	Giese, H.....23707, 23725	Goodyear, F.....23815	Groenewald, J. W.....22194
Gagliardi, A.....23165	Gilbert, C.....25063	Gopinath, D. M.....20913	Groseclose, H. C.....22169
Gaines, J. G.....20821	Gilbert, O. E.....22528	Gordon, C. D.....22618	Gross, C. E.....24381
Gaines, R. C.....23166, 23411	Gilbert, S. G.....20981	Gordon, D. M.....22495	Grossmann, J. P.....21418
Gale, E.....21411	Gilbert, S. M.....21654	Gordon, J. J.....24779	Grout, A. J.....20733
Galet, P.....21322	Gilchrist Leighton, J..... 21299	Gordon, M. D.....22716-18, 23568, 23727	Grunert, C.....21864
Galati, A. R.....20696	Gil Collado, J.....23243	Goresline, H. E.....24470	Guareschi, C.....23170
Galindo García, F.....22285	Gille, B. M.....20289	Gornés Gómez, H.....22287	Guarnieri, J. C.....23871
Gallego M., F. L.....22943	Gilles, D. C.....22663	Gorodkov, B. N.....20898	Guedes, J. F.....23931
Gallès, P.....21775	Gillman, J.....25063	Gorrie, C. J. R.....22404, 22830-1	Guédon, A.....21655, 22932
Gallot, Mme. S.....25106, 25145	Gillman, T.....25063	Goss, A. S.....24642	Guengerich, H. W.....21301
Galzin.....22020	Gilmora, J. U.....23167	Goss, H.....22192	Guenther, E.....24408-9
Gamble, R.....23077-8			Guérin, H.....23197
Gambrell, F. L.....20323			Guerra Filho, A.....22881
Gambrell, G. C.....23985			Guerra, D. R.....24557
Gamero Robles, A. M.....23724			Guevara C., E.....24629
Ganguly, A. K.....21706			Guhl, A. M.....22721
Ganpule, N. V.....25157			



Item	Item	Item	Item
Gui, H. L.....22990	Hansen, E.....24782	Heiming, 21051, 21149, 23751, 24051	Hlynka, K.....24295
Guignard, P.....23504	Hansen, F. E.....20346	Heiming, E.....21052	Hoard, B.....23762
Guillaume, A.....25174	Hansen, P.....22853	Heimpel, L. G.....24851	Hoard, W. R.....24150
Guillebon, G. de.....24666	Haraldson, A.....23579	Heintzleman, B. F....20093	Hobbs, E. A.....24333
Guillemot.....21768	Harent, H.....23250	Heise, H. A.....23803	Hochberg, M.....25114
Guillermo Palmieri, F.....21782	Harder, H. J.....22788	Heiser, C. B., Jr....20698	Hockett, R. C.....24516
Guillochon, L.....21900	Harder, R.....20594	Heiser, D. G.....20745	Hodgdon, A. R.....20309
Guinaudeau, J.....21783	Harding, L. W.....24327	Heishman, R. C.....23516	Hodson, A. Z.....25115
Guinot, H.....22107	Harding, T. S....24783, 24934	Hellbusch, C. E.....22318	Hodson, P. C.....24936
Gulati, A. N.....24091	Hardison, J. R.....20868	Heller, V. G.....20338, 22635	Hoefer, J. A.....20338
Gumbel, E. J.....25219	Hardistry, R. J.....22727	Hellier, F. F.....23106	Hoekzema, J. P.....21741
Gunderson, H.....22950, 23248, 25175	Hardisty, R. J.....22728	Hellings, M. L.....21829	Höller.....22581, 24225
Gundlach, G. P.....24013	Hardy, E.....24411	Hellkötter, F.....24328	Höller, B.....21194, 22541, 22582
Gundlhuber, W.....23628	Hare, W. W.....21012	Helman, M. B.....20546, 24134	Hoff, C. C.....23107
Gupta, J. C. S.....20984	Haring.....22195, 22867	Helt, D. L.....21150	Hoffmann, A.....21427
Gurtz, R. F.....24410	Harlan, P. W.....21269	Henderson, C.....22319	Hoffmann, C. H. 22954, 23372
Gury Dohmen, E. F.....22236	Harman, S. W.....20325	Henderson, G.....21657	Hoffmann, E.....24463
Guss, C. O.....20090	Harmon, E. M.....25108	Henderson, P.....23172	Hoffmeister, H.....24707
Gustafson, A. F.....20427	Harmon, H.....22411	Henderson, S. J.....22320	Hofsten, C. G. von...21627
Guthrie, J. F.....24092	Harmond, J. E.....19884	Hendon, F.....22882	Hogan, A. G.....22645
Guthrie, M. L.....20452	Harris, G. C. M.....25109	Hendricks, H. E.....20453-4	Hogben, G. H.....24937
Guy, R. E.....22722	Harris, S. E.....20485	Hendricks, W. A.....19952	Hogg, D. J.....21302
Guzmán N., D. A.....21419	Harris, T. H.....19997	Hendrix, A. T.....23761	Hohl, L. A.....24213
Gwatkin, R.....22666, 22888	Harris, T. W.....22237	Hendrix, J. W.....20273	Hoke, H.....25176
Haardick, H.....20876	Harrison, R. W.....24848	Henig, H. H.....24329	Holand, P. J.....22855
Haas, A. R. C. 20985, 21021	Harrison, T. B.....24014	Hennessey, J. F., Jr. 24591	Holden, A. E.....24296
Haber, W.....20485	Hart, A.....21991	Henry, A. H.....22629	Holder, J. van.....20580
Haberler, G.....20485	Hart, C. J.....21656	Henry, K. M. 25095, 25110-13	Holder, R.....22868
Haberly, M.....20388	Hart, R. A.....21865	Henry, M. M.....22238	Hollander, W. F.....22668
Habif, N.....23655	Hart, V. B.....24849	Hensel, R. L.....20350	Holley, W. D. 20307, 21428-9
Hachenberg, F.....21081	Hartard Ebert, M.....23852	Hepp D., R. G.....21083	Hollowell, E. A.....21151-2
Hacker, C.....23872	Hartman, F. A.....22158	Herbert, P. A.....22023	Holm, G. C...20383-4, 20387
Hacquart, A.....20986	Hartmann.....24705	Herd, C. W.....24293	Holm, G. E.....24033
Haddow, A. J.....23330	Hartung, A. M.....22574	Herman Frasch Found. 20540	Holmes, G. A...22321, 24708
Hadley, C. H.....22940	Harvey, E. N.....23171	Hermoso de Mendoza, A.....24330	Holz, K.....22560, 22883
Hadlington, E. 22724, 24828	Harvey, N. P.....21423	Herner, M. C.....22196-7	Holz, P.....22198
Hadorn, E.....23249	Harwood, P. D.....23304	Herre, A. W. C. T....20746	Honey, E. E.....20768-9
Hadsel, W. N.....25033	Haseman, L.....23480	Herrero, S.....23173	Hooper, M. M.....23083
Hafen, L. R.....20608	Haskell, W. B.....23964	Herring, G. C.....24331	Hoover, C. D.....21786
Hagen, A. R.....24781	Haskins, F.....24222	Herring, G. C.....24331	Hoover, M. D.....22082
Hagander, H.....24494	Hastings, A. H.....22788	Herriot, R. I.....21902-3	Hoover, S. R.....24485
Hagen, C.....22112	Hastings, E.....23082	Hertzog, E. B.....22785	Hopkins, R. H.....25116
Haget, A.....23160	Hastings, F. S.....22304	Hervey, G. E. R....20321-2	Hopson, G. H.....22462
Haggerty, J. J.....25207	Hastings, W. R....21424-5	Herviaux, J.....21069	Horn, A. G.....22119
Hagood, A.....19900	Hatch, D. S.....20476	Hesler, L. R.....20747	Hornby, A. J. W.....24592
Hahn.....21229, 21420	Hatch, M. B.....24267	Hesler, L. A.....23495	Horton, D.....22788
Hahn, W.....23792	Hatcher, E. S. J....20987	Hetzler, H. O.....22854	Horton, D. C.....19902
Hahne, D.....22316, 23729	Hatesaul, E.....24850	Hewson, C. W.....24332	Horton, D. H...22730, 24464
Haig, E. F. G.....24847	Hattingh, C. C.....23509	Heywang, B. W.....22729	Horton, R. E.....21867
Hall, C. N.....20312	Hauber, U. A.....23251	Hibbs, A. N.....24294	Hosking, J. S.....20264
Hall, E. E.....21784	Haubrich, W.....22317	Hickin, W. E.....23547	Hoskins, R. N.....22170
Hall, G. O.....24462	Haury, E. W.....21866	Hickman, C. W.....22820	Hotschewer, C. E.....24709
Hall, H. H.....19942	Hausrath, H.....22022	Higbee, E. C.....21022	Hott, N. M.....20447-50
Hall, I. F.....24667	Haution, R.....22461	Higbee, H. W.....20167	Hough, A. F.....22060
Hall, J. A.....20091	Havighorst, C. R....24223	Higginbottom, C.....23987	Houston, J.....25095
Hall, M. A.....20640	Hawaii, Agr. Expt. Sta....20273	Higgins, F. H.....23656	Hovenitz, W.....23481
Hall, N. S.....20176	Hawaiian Sugar Planters' Assoc. Expt. Sta....24515	Higgins, L. A.....23656	Howard, Sir A.....21787, 21993-4
Hall, T. D.....21785	Hawkes, A. D.....21426	Hilbert, F. L.....24376	Howard, A. L.....20642
Hall, W. J.....19976	Hawkins, F.....24495	Hilborn, M. T.....24242	Howard, H.....22589
Hall, W. L.....22043	Hawkins, R. S. 20255, 24094	Hilditch, T. P.....24393, 25112	Howard, H. W.....20939
Halle, H. G.....22372	Hawthorne, J. R.....24350	Hill, D. D.....24558	Howard, W. L.....20259
Haller, H. L.....22951	Hay, R. C.....20391	Hill, D. W.....20610	Howe, A. F.....20310
Hallett, E. H.....21230	Hayaux du Tilly.....24224	Hill, H. D.....20641	Howe, H.....207
Hallett, Sir M. G....23905	Hayden, C. A.....25066	Hill, O. J.....20461, 23732	Howe, K. R.....22847
Hallows, H.....22725	Haydon, H.....23730	Hill, R. E.....20304	Howell, C. E...22535, 22542
Hallan, E. T.....20549	Hayes, H. K.....21082	Hill, S. F.....23823	Howell, H. B.....24637
Hambidge, G.....19903-4	Hayes, R. A.....22951	Hillier, J. C.....20338	Hoves, H. 22603-5, 22635-7, 22732-5
Hamblin, S. F.....21421-2	Hayes, R. W.....20287	Hills, F. B.....22574	Howie, H. D.....24151
Hamblyn, C. J.....21711	Hayes, W. B.....21270	Hinchcliff, K.....23711	Howland, J. A.....23607
Hamilton, C. L.....23578	Haygood, T. F.....19951	Hinchcliffe, E.....24187	Howland, J. E.....21453
Hamilton, C. M.....22667	Hayhurst, J.....23731	Hincks, W. D.....23548	Hoyle, C.....25177
Hamilton, H. G.....21186	Hazel, L. N.....22836	Hindus, M.....24706	Hau, T. C. 20643, 20916-18, 20988, 23252-3, 23302
Hamlin, H. M.....24935	Headstrom, R.....23105	Hiner, R. L.....24349	Hu, C. L....21112-13, 24095
Hammond, J. C.....22652	Health, W. E.....24871	Hinton, H. E.....23174-5	Hubbard, C. H.....22788
Hammond, L. D.....24532	Heare, G. E.....25034	Hirsch, D. E.....23965	Hubbard, E. W.....23932
Hancock, J. J.....22460	Hébrard.....21195	Hirschhorn, E.....20355	Huckett, H. C.....20321-2, 20326
Hankins, O. G. 24349, 24362	Hedenburg, O. F.....22953	Hiscox, E. R...23988, 24032	Hucknall, E.....24412
Hannan, H. H.....24369	Hedrick, U. P.....20579	Hitch, D. L.....21992	Hudgens, R. W. 20056, 20061
Hansberry, R...22952, 22977	Heebink, B. G.....20092	Hitters, J. C.....22567	
Hanschell, H. M.....23335	Heebink, T. B.....20098	Hixon, R. M.....24434	



Item	Item	Item	Item
Hudgins, R. B.....23966	Ind. (Purdue) Univ. Agr. Ext. Serv.....20401	Jenkins, C. F. H....22957, 23374, 23430	Kadow, K. J.....20524
Hudson, R. S.....24593	Ingalls, N. M.....21433	Jenkins, D. H.....21438	Kaempfert.....21325
Huffman, C. F.....22375	Ingham, A. G.....21789	Jenkins, W. A.....20831	Kahlfeld, F.....20612
Huffman, L.....24413	Ingram, M.....24038, 24350	Jenness, L. C.....24242	Kains, M. G.....20591
Hughes, E. B.....24443	Ingwalson, K. W....20020-2	Jenny, H.....20264	Kaleski, R.....22509
Hughes, E. M.....20390	Ingwersen, W. E. T...21434	Jensen, J. H.....20302	Kalmer, J.....23525
Hughes, E. R.....24594	Insko, W. M., Jr.....22629	Jensen, O.....23996	Kalmus, H.....23256
Hughes, F. D.....21153	Institut des Fruits et Agrumes Coloniaux...21260	Jepson, H. L.....20390	Kannenber, H.....23581
Hugues, P.....21120	Institut National pour l'Étude Agronomique du Congo Belge.....21676	Jessen, L.....25178	Kans. Agr. Expt. Sta.20205
Hulslander, S. C.....24938	Institute of Agr., Anand, India.....25228	Jeter, F. H.....24886	Kans. Engin. Expt. Sta....23603
Hultz, F. S.....22174	Institute of Inter-Amer. Aff. Food Supply Div.....20524	Jewell, A. R.....22808	Kans. Poultry Impr. Assoc.22739
Hummon, O. J.....23100	Institute of Paper Chem...22147	Jiménez Luis, R.....23030	Karavaev, M. N.....20900
Humphreys, O. P.....22788	Instituto Peruano de Estadística, Lima...25229	Joan, T.....23109	Karpenko, G.....23738
Hungerford, T. G.....22583	Inter-American Inst. of Agr. Sci.....25230	Johannsen, O. A.....23255	Karraker, P. E.....21220
Hunkin, J. W.....21430	Iowa Vet. Med. Assoc.22405	Johansson, E.....23178	Kartha, A. R. S...24416-17
Hunt, E. M.....21323	Irreverre, F.....22956	John, C. M....20701, 21659, 21948	Karve, D. G.....24749
Hunt, F.....24939	Irving, G. W., Jr....24414	John, W. W.....20203	Kaser, M. M.....25159
Hunt, J.....20000	Irwin, J. G.....22508	Johndreau, C.....23737	Kashalkar, N. Y.....23875
Hunt, N. R.....20000	Isa, J. M.....22678	Johndreau, O. F.....24465	Kaspar, P. E.....22958
Hunt, R. E.....22288	Iseki, T.....23427	Johnson, Mrs. A. P....21273	Kaufert, F. H.....20094
Hunt, W. J.....23734-6	Isely, D.....20367	Johnson, A. R.....19902	Kauffman, E.....22120
Hunter, F.....22227	Ishaq, M.....24226, 24230	Johnson, B. L.....21967	Kauffman, L. A.....20438
Hunter, G. J. E.....24042	Isherwood, F. A.....23838	Johnson, C. F.....22795	Kaumi, B. K.....24901
Hunter, H.....20644, 24872	Isilip, H. T.....24415	Johnson, E. H.20066, 20070	Kaura, R. L...22465, 22608, 22809
Hunter, J. G.....20989	Intituto Nazionale di Tecnica e Propaganda Agraria.....20611	Johnson, E. S.....24596	Kausche, G. A.....20876
Hunter, R. H.....24387	Ivory, B.....22669	Johnson, F.....20771	Kausik, S. B.....20922
Hunter-Smith, J. D...21125	Ivy, R. H.....21084	Johnson, G. B.....24152	Kay, H. D.....22406
Hurd, L. M.....22736	Iyengar, N. K....20919-20	Johnson, H.....23782	Kearney, E. O.....20487
Huriez.....21965	Iyengar, R. K.....22832	Johnson, L.....22464	Keating, F. E.....20349
Huriez, J.....21069	Iyengar, R. L. N....20921	Johnson, Mrs. L. L...21439	Keener, H. A.....20306, 20312-13
Hurat, H.....22905	Iyer, S. N. C.....21155	Johnson, L. P. V....20645	Keeney, M. H.....20547
Hutcheson, H. E.....24784	Jack, J. S.....21435	Johnson, M. A.....25067	Keesing, F. M.....20476
Hutcheson, T. B.....21788	Jackson, H. W.....24545	Johnson, O. R.....20474	Keith, A.....22466
Hutchings, C. D.....25177	Jackson, L. R.....22788	Johnson, R. F.....22820	Kelch, F.....22240
Hutchins, A. E.....23763	Jacob, A. W.....24096	Johnson, S....24018, 24940	Keller, W. M.....23549
Hutchins, M. C.....24208	Jacob, K. C.....20699-700, 21271-2, 22322	Johnston, C. H.....25096	Kellicutt, K. Q....20096
Hutchins, T. S.....23967	Jacob, M. M.....22239	Johnston, C. N.....20260	Fellogg, C. R.....23032
Hutchins, W. F.....20094	Jacobs, M. B.....23933	Johnston, C. O.....20772	Fellogg, M.....20447-50
Hutchison, E.....21154	Jaffe, J. H.....23873	Johnston, G. W.....22869	Kelly, E. G.....22959
Hutson, L. R.....22786	Jaguenaud.....21567	Jolivet, J. P.....21012	Kelly, G. W.....22960
Hutton, J.....22606-7	Jain, N. L...23874, 24170, 24228	Jollie, F. J. E.....21251	Kelsey, J. M.....23550
Hwang, T. C..20990-1, 20993	Jamaica Agr. Soc.....2177	Joly, R. L.....23609	Kelso, L.....20702-3
Hyatt, G.....22463	Jamaica. Dept. of Agr....24713	Jones, A. C.....24993	Kemmer, M.....20452
Hyde, E. O. C.....21628	Jamaica. Sugar Control Bd.24713	Jones, A. F.....21568-9	Kemmerly, C. E., Jr.24668
Hylar, J. E.....22160	James, L.....22737	Jones, E. S.....22025	Kemp, L.....24894
Hynes, H. J....24595, 24710	James, N. D. G.....22024	Jones, F. R.....20768-9	Kemp, V. E.....24942
Hyson, C. D.....20485	James, S. P.....23335	Jones, G. C. I.....24910	Kemp, W. B.....21053
Idaho, Agr. Col. Ext. Serv.20383-8	Jameson, S. S.....22585	Jones, G. N.....20646	Kemper, A. W.....22788
Idaho. Agr. Expt. Sta....20274-8	Janaki-Ammal, E. K...20910	Jones, H. L.....23031	Kemps, J.....22497
Idaho. Bur. of Anim. Indus.....22584	Jandu, A. S.....23237	Jones, J. H.....20349	Kempski, C. E.....24097
Idaho. State Land Dept....24785	Janeiro, J. P.....22895	Jones, J. I. M.....25119	Kempster, H. L.22639, 22645
Ifland, F.....21629	Janes, B. E.....25118	Jones, J. M....20349, 22824	Kenchington, F. E....20613
Ikawa, M.....22915	Jannone, G.....23176	Jones, L. A....19902, 24630	Kendall, F. P.....24004
Il'in, K.....24786	Jans, F. C.....20023	Jones, M. A.....21156	Fendrick, J. F.....19895
Il'inskii, A. P.....20899	Janssen, W.....23839	Jones, M. D.....24466	FenKnight, G.....20275
Illg, P. L.....23552	Jansson, A...23177, 23428-9	Jones, M. G.....23375	Kennedy, A. C.....23610
Ill. Agr. Col. Ext. Serv..20389-400	Jarrett, R. M.....22323	Jones, P. T.....20551	Kennedy, J.....23033
Ill. Agr. Expt. Sta.....20204, 20279-80	Jarvis, H.....23373, 23482	Jones, R. C....20486, 24941	Kennedy, P. G.....24030-1
Ill. Dept. of Agr. Div. of Plant Indus.....24559	Javorsky, L.....21658	Jones, R. W.....21904	Kenney, R.....22324
Imamura, H.....23427	Jeanmonod, L.....21436	Jones, W.....20832	Ky. Agr. Expt. Sta..20167, 20281-6, 22629, 25214
Imper, A. D.....24748	Jeanet, P.....20877	Jones, W. W.....20257	Ky. Dent. of Ed. Div. of Vocat. Ed.....24943
Imperial Council of Agr. Res. Com.....24829	Jeffers, W. F..20830, 23119	Jordan, J. J.....25197	Keown, M. E.....21571
Imperial Forestry Bur....22088	Jefferson, G. T.....23254	Jordan, K.....23179	Kephart, L. W.....19893
Imperial Mycol. Inst., Kew.....20581	Jelitto, C. R.....21437	Jordan, P. S.....22823	Perfoot, J. R.....21440
Inch, T. P.....24711	Jellison, W. L.....23108	Joret, G.....21210, 21570, 21735-6, 21790, 21949	Kerle, W. D.....21085
India. Dept. of Com. Intel. and Statis...20521		Josephson, L. M.....20773	Kern, E. M.....20648-9
India. Foodgrains Policy Com.....24712		Jouis, E.....21950	Kernan, H. S.....22044
		Judd, S. G.....23580	Kessler, B....21086, 25179
		Jukes, T. H.....22638	Keawick, R. C.....20254
		Jul Reyes, C.....21114	Keys, A.....25068
		Jull, M. A.....22738	Keyworth, W. G.....20774
		Jurion, F.....20647, 21115	Khan, A. R....21157, 21791
		Jurkow, J.....23558	Khan, S.....20943
		Jurney, R. C.....20173	Kichler, M.....21034
			Kielhöfer.....23934
			Kienle, R. H.....24098
		Kachurin, S. P.....20605	



	Item
Kieselbach, T. A....	20301
Kiger, J.....	25069
Kikuta, K.....	20273
Killian, C.....	21742
Kilmer, G. W.....	22951
Kilpatrick, D. T.....	21303
Kimball, S. T.....	20476
Kimbrough, W. D.....	20288
Kimmins, D. E.....	23551
King, C. H.....	24467
King, D. F....	20242-3, 20245
King, F. C.....	21830
King, F. M.....	25198
King, F. N.....	24081
King, G.....	23335
King, H.....	22961
King, W.....	21905
Kinghorne, J. W.....	20138
Kingman, H. H.....	22407
Finman, C. F.....	20166
Finnard, V.....	21951
Kirby, B.....	22543
Kircher, W. H..	22289, 24750
Kirk, B. M.....	21729
Kirkwood, F. B.....	24879
Kirkwood, R. L. M....	25177
Kirsanova, B. A.....	25160

	Item
Kirwald, E.....	20572
Kiselev, I.....	24788
Kiskey, F.....	22788
Kisurin, N.....	24669
Fitinov, B.....	22962
Kittinger, C. E.....	23739
Fitzmiller, J. B.....	23257
Klages, K. H.....	20276
Klaman, S. B.....	19966
Flefbeck, E....	23180, 23431
Klein, G. T....	22740, 24468
Klein, P.....	24714
Kleine, R.....	23181
Kleiner, P.....	20650
Klemme, D. E.....	19887
Flemme, R. T.....	24631
Klemmer, H.....	25035
Knapp, E. ....	20944
Knapp, J. V.....	23258
Eniazev, G. A.....	20614
Knight, B. C. J. G...	25120
Knight, K. L.....	23312
Knight, L.....	21572
Knight, M. F.....	24902
Knock, A. E.....	23034
Knowles, F. L.....	23331
Kob, H. H.....	22368, 22370
Koch, L. W.....	21219

	Item
Koch, W.....	22833
Kock, A. A. de....	23659-60
Koffler, C.....	20548
Kohli, K. L....	23876, 24153, 24560
Koller, E. F.....	24830
Kollmann, F.....	22108
Kon, S. K.....	23988, 25095, 25110-13
Konjunkturinstitutet, Stockholm.....	24609, 24640
Koo, S. Y.....	22884
Koonce, S. D.....	24561
Kordes, W., Jr.....	21441
Kotsch, R. von.....	23035
Kott, S.....	21630
Kozlov, E.....	23770
Kraemer, J. H.....	20573
Krauch, H.....	20095
Kraus, J. E....	23764, 24227
Kraybill, H. R.....	22199
Kreeger, F. L.....	24486
Kreiser, R. F.....	23661
Kreisinger, E. J.....	20356
Kremenetski, N.....	21868
Krenn, K.....	22080
Kreps, E. M.....	22241
Krimgold, D.B.	20204-5, 21831

	Item
Krishna Iyer, P. V...	23630
Krishnamurti, B.....	23483
Krishnamurti, S.....	22467
Kriukova, N. N.....	20992
Krogerus, R.....	23182
Krone, P. R.....	21442
Kruedener, A. Freiherr von	24911
Kruiswyk, A., Jr.....	23740
Krushinski, L. V....	22510
Krzywanek, F. W.....	20554
Kubišna, W.....	21996
Kükenthal, W.....	20615
Fuhler, J. W.....	24496
Kuhnert.....	21158
Kuhnoltz-Lordat.....	20833
Kulikov, G.....	22373
Kullenberg, B.....	23376
Kumar, L. S. S.....	20923-4
Kunstenaar, J.....	25036
Kanz.....	24154
Kuo, K. N.....	23210
Kursanov, A. L.....	20992
Kurtenacker, R. S....	22127
Kurtz, H.....	21326
Kusmartsev, P.....	23036
Kyes, R. M.....	24715



Item	Item	Item	Item
Labot, A.....22026	Lecoq, R.....22654, 25124-5	Link, R. P.....22840	Lyle, C.....22967-8, 23486
Lacey, J. J.....22175, 24334	Ledent, M.....21998	Linke, H. O.....23771	Lyman, F. E.....23340, 23553
La Cour, L. F.....20911	Lederle Labs., Inc....20559	Linn, M. B.....20392	Lyness, W. E.....20301
Ladd, J. E.....22374	Lee, T. L.....20993	Linn, M. D.....22326	Lynn, C. J.....22327
Ladefinsky, W. I.....24716	Leech, H. B.....23184	Linnman, N.....20885	Lyons, R. E.....22796
Lafont, A.....23342	Leeder, J. G.....24034	Linsley, C. M.....21975	Lyons, J.....23992
Lagarna, J.....22529	Lees, A. B.....23663-4	Linsley, E. G.....23264	Lysenko, D. N.....23742
Lagneau, C.....23935	Lefevre, J.....24562	Lippitt, M. L.....24518	Lysenko, T.....21831
Laing, A. D. G. M.....22834	Leffert, H.....22468	Lissot, G.....22640	
Laird, G. A.....24099	Legenhausen, D. H....19976	Littlefair, G. T.....24081	McArdle, A. A.....22747
Lal, B. N.....20651	Leggett, W. F.....20525	Litwiller, E. M.....24267	MacBride, H. L.....20507
Lal, G.....24170, 24228-33, 24247-50, 24253, 24255-6, 25121, 25258-60	Lehmann, E. W.....20391	Liu, T. T.....20917, 20925, 20946	McCabe, M. M.....22630
Lal, J. B.....22963	Leighton, Mrs. R. S..21451	Liversage, V.....20490	McCall, R. J.....23744
Lal, K. B.....23377	Leighty, W. J.....20167	Livingston, J. E.....20303	McCallum, Mrs. A. E..23969
Lal, T. B.....20881	Lemoigne.....24562	Llano G., E.....21231	McCann, L. P.....20927
LaMaster, J. P.....24831	Lemmon, R. S.....21452	Llarena, S. de.22470, 23741	McCay, C. M.....25126
Lambeth, J. A.....24418	Lemoine, P.....20737	Llorens, C. C.....22410	McCleary, H. R.....24098
Lamers, T.....21974, 24517	Lemons, H.....24172	Llorens, M. A.....22410	McClelland, H.....24633
Lampson, C. G.....22408	Lenfant, J.....23185, 23432, 23484	Lloyd, E. W...22471, 24832, 24853	McClelland, J. B.....24917
Lamson, M. D.....21445-6	Lengerken, H. von....20616	Lo, T. Y.....24297, 25127-8	McClung, L. S.....20659
Landauer, W.....22671	Lenglen.....21931, 21952, 21968, 21999	Loce, D.....20926	McClure, F. A.....20704
Landers, L. A.....24100	Lennox, F. G.....24101	Lockyear, C. W.....24102	McClure, S. W.....22810
Landin, B. O.....23183	Lenormant, C.....22511	Lodge, C.....22742-5	McClymonds, A. E.....21833
Landis, J. T.....24903	Lentz.....22469	Lods, E. A.....21087	McClymont, G. L.....22364, 22641
Lang, A.....22061	Lepeame, P.....22964, 23380	Loerke, A. W.....22139	MacColl, E. D....24718-19, 25039
Langfield, J. H.....21089	Lépine, P.....20877, 23341, 23381	Loguidice, N. G.....23804	McColl, E. L.....22149
Langham, D. G.....20945	Lerner, M.....21953	Loki, H. S. K.....24005	McCollum, E. V.....25130
Langlands, I.....22129	Leroux, D.....21712	Lombardini, G.....23111-13	McConkey, O. M.....24720
Lanier, J. L.....24115	Lespérance, R.....21211, 21832	London, V.....21454	McConnell, W. C.....22244
Lannie, L.....21447	Lester, H. M. O.....23262	Long, Mrs. F. M.....21232	McCulloch, R.....23693
Lantis, M.....24852	Lestoquard, F.....22428	Long, H. K.....23611	MacDonald, A. D.....19976
La Pine, L. J.....24497	Le Sueur, A. D. C..... 21035-6, 22095	Long, T. E.....20335	Macdonald, G.....22920
Lapparent, P. de....22937, 23159, 23161	Levadoux, L.....21317	Longmore, T. W.....19956-7	MacDonald, G. B.....22045
Larrison, C. E.....22788	Levaggi, G.....22561	Longwell, J. H.....22871	MacDonald, S. G.....25040
Larsen, H. C...19902, 19955	Lever, R. J. A. W...22906, 23333, 23382	Loomis, C. P.....20476	McDonnell, C. C.....22970
Larsen, L. F.....20408-9, 20411	Levi-Castillo, R.....23334	Loosli, J. K.....22375	M'Dougal, A. R.....21631
Larson, G.....24944	Lewis, G. F.....21453	Loper, E. M..20407-8, 20410	McDowell, M. C.....20443, 24997
Larue, P.....21906	Lewis, H. F.....22148	López Cristóbal, U..23187, 23385	McElhanney, T. A.....22106
Laserie, E.....24994	Lewis, L. H.....23258	López Gómez, R.....22242	McElligott, T. J.....24721
Lassen, L.....20096	Lewis, M. E.....24945	López y López, C.....22243	McElvare, R. R.....23487
Lasser, T.....20589	Lewis, M. R.....21877	Lorente Zaro, M.....25038	MacEwan, G.....22291
Lassetter, W. C.....22870, 23823	Lewis, R. G.....23808	Lorenz, K. K.....21455	MacEwan, J. W. G....22472
Latham, A.....23037	Lewis, W. C.....20098	Lorenzen.....22672	McFarland, J. H.....20582, 21456-7
Lathrop, E. C.....23807	Lewis, W. H.....22965	Lorie, J. H.....24340	Macfarlane, J.....21428
Lathrop, F. H.....23259, 23378	Lewis, W. W.....20173	Lorr, V.....24873	McFarlane, J. S.....21925
Latimer, R. A.....24234	Leyvraz, H.....21327-8	Losky, R.....22290	McFarlane, V. H.....24470
Laur, E.....20488	Liberalli, C. H.....21023	Loui, D.....23968	McFarlane, W. D.....24599
Laurence, E. P. B....21448	Lieberman, F. V.....23383	La. Agr. Col. Ext. Div.... 20402-3	Macfie, J. W. S.....23265
Lauterbach, A. H.....24597	Liebers, O. H.....22325	La. Agr. Expt. Sta..20287- 90	McGarry, W. A.....24946
Lavollay, J...21792, 21959, 25122	Light, S. F.....23552	Löve, A.....20926	McGeorge, W. T.....20256
Lavrenko, E. M.....20671	Ligny, M. de.....22544	Love, H. M.....24789, 24887	McGovern, J. N.....20100
Law, A. G.....20356	Likerman, J. E.....24377	Low, G. C.....23335	McGowan, J. C.....21017
Lawrence, B.....23692	Lima, Peru, Estación Ex- perimental Agrícola de	Lowdermilk, W. C....20206, 20209	M'Gregor, A. J.....20989
Lawrence, J. E.....21869	La Molina.....21110, 21556	Lowe, M.....24888	MacGregor, H. D.....22562
Lawson, E. B.....24816	Lima Sobrinho, B.....25037	Lowell Textile Inst..24114	McGregor, H. W.....24103-5
Layers, C. H., Jr...23110	Limasset, P.....20834	Lowman, M. S...20168, 24441	McGregor, M.....20357
Layton, R.....21449	Lin, K. R.....20836	Lowrie, A. W.....24469	MacGregor, M. M.....21458
Lazarenko, V.....23738	Lincoln, C...20362, 20367-9	Loza, G.....24670	McGregor, S. E.....23038
Lazzari, M.....23379	Lincoln, E. L.....22545	Lozier, E. D.....24298	McGregor, W. A.....22328, 24336
Lea, C. H.....23988, 24028	Lincoln, M. D.....24089, 24996	Lubeth, E.....23772	Machacek, J. E.....20776
Lea, D. E.....23231-2, 23260-1, 23332	Lincoln, R.....25126	Lubowe, I. I.....22966	Machado, A. de B....22907
Lead, W. L.....21450	Lincoln, W. B., Jr...23840	Lucas, J. E.....23712	Machado, O.....20705
Leadley, T.....23662	Lincoln, W. S.....24643	Lucas, J. R.....23386	McIlwraith, J. F....21870
League of Nations. Econ., Financ. and Transit Dept.....24598	Lindfors, T.....20835	Luces de Febres, Z...20589	Macindoe, S. L.....25199
Leak, F.....21159	Lindgren, D. L.....23384	Ludrick, J. N.....24188	McIntosh, J.....25131
Leake, J. de B.....23084	Lindgren, L. A. H..23186, 2485	Luecke, R. W.....25139	McIntosh, O. O.....24052
Leasure, E. E.....22840	Lindley, H.....24083	Luévanos S., J. L....21233	McIntosh, R. A.....22200
LeBarron, R. K.....20097	Lindquist, H. G.....24015	Ludeon, A. R.....20775	M'Intosh, T. P.....21575
Lebel, L.....24995	Lindstrom, D. E.....20280, 20397	Lund, A. A.....23877, 25129	Mack, A. J.....23713
Leboucher, P.....21573	Lineweaver, G. A....23263	Lundblad, K.....21690	McKay, G.....22610
Leclerc, H.....25123	Ling, L.....20836	Lundblad, O.....23114-17	McKay, U. T.....25177
Lecona, N.....24717	Link, K. P.....22409, 22915	Lunde, R. N.....21926	McKee, E. S.....23878
		Lush, R. H.....21160-1, 21793	McKenzie, M. A.....20777
		Lutz, J. M.....19888	McKenzie, P. K.....23970
		Lwoff, M.....23393, 23395	McKerihan, C. R.....24947
			Mackinnon, J. A.....22101
			McKinstrey, A.....21907



Item	Item	Item	Item
McKnight, D.....21998	Marinucci, M.....21274	Maxwell, M. E.....24101	Mich. Potato Growers Exch., Inc.....24157
McLaren, M.....21459	24420-1	May, C.....20170-1	Michon, L.....22063
McLean, A.....24446	Marlowe, R. H.....23267	Maya Das, P.....23675	Mickel, C. E.....23436
McLean, I. W., Jr.....22885	Marquardt, J. C.....23268	Mayer, R.....20661, 21120	Miege, E.....21704
McLean, J. H.....24299	Marquardt, R. K.....24644	Mayham, S. L.....23833	Mila, L.....22202
McLean, W. D.....24300	Marquestó, A. E.....24820	Mayo, N. S.....22247	Milam, D. F.....25082
MacLeod, H. P.....20310	Marré, R. A.....24016	Mayo, S. C.....20330	Milanes, F. R.....20930
McMath, C. W.....24419	Marriage, K.....21462	Mazoué, H.....25124	Milburn, V. S.....23613
McMillan, R. B.....24301	Marsh, D. I.....21967	Mazza, G.....24356	Milby, T. T.....22612
McMillen, W.....24722	Marsh, H.....22412	Meara, M. L.....24393, 25112	Miley, D. G.....20298
McMunn, E. W.....22376, 24751	Marshall, F. H. A.....20549	Mecartney, J. L.....21304	Milhollin, R. M.....21164
MacNab, J. A.....23188	Marshall, G. A. K.....23190	Medici, G.....24424	Miller, A. V.....23745
McNaughton, G. C.....20101	Marshall, J., Jr.....24044	Medrow, S.....24854	Miller, C. D.....25133
McNeely, M.....23787	Marshall, R. E.....25132	Meeker, D.....24601	Miller, C. R.....24201
MacNeil, M. J.....24752	Marshall, R. P.....25200	Meeuse, A. D. J.....20586	Miller, D.....23273
McNulty, R.....24948	Marshall, S.....20376	Mehring, A. L.....21969	Miller, G. D.....22382, 22427
McPherson, J. A.....20583	Marshall, W. T.....20706	Mehta, L. R.....24111	Miller, J.....23879
MacRae, L.....21460	Marsolat, R.....21275	Mehta, V. K.....23039	Miller, J. C.....22330
MacSmith, B.....24106	Martelli, G. M.....23269	Meier, K.....20738	Miller, M.....21795
McWhorter, H.....22473	Martin.....23936	Meinzer, O. E.....21871	Miller, T. A. H.....20172
McWilliams, M.....23773	Martin, C. H.....23422	Meira, M. T. V. de.....23271	Millett, M. R. O.....21037
Macy, I. G.....20567	Martin, H.....23457	Meisel, H.....24563	Millikan, C. R.....20838, 20996
Madden, A. H.....19909, 22971	Martin, J.....20545	Meisner.....22377	Millington, A. J.....21089, 21103
Madsen, L. L.....24349	Martin, J. S.....20080	Meister, G.....23694	Millson, W. A. D.....22974
Madueño Box, M.....21661	Martin, R.....22097	Melenbacher, K. C.....22150	Milner, R. T.....24426
Maestri, R.....24723	Martin, T. F.....22530	Melis, A.....23191, 23272, 23390, 23554	Milovanov, V. K.....20550
Magalhães, B. de.....24519	Martin, W., Jr.....22972	Mellanby, K.....22920	Milthorpe, F. L.....21714
Magalhães, V. P. de.....23901	Martin, W. S.....21779	Mello, A. F. B. de.....23555	Minatra, O.....21665
Magerlein, B.....22951	Martín N., A.....22245	Mello, A. T. de.....21664	Mincer, T.....20493
Magill, W. W.....21329	Martindale, J. G.....24086	Mello, I. F. de.....23555	Miner, F. D.....20368
Magistad, O. C.....20169, 21861	Martinenghi, G. B.....24422	Mello, P.....21744	Minn. Dept. of Agr., Dairy and Food.....23902
Magnin, J.....23774	Martinez, M.....20707	Melnick, D.....25114, 25138	Div. of Agr. Econ.....24797-8, 24833
Maheeshwari, P.....20928-9	Martínez López, J. F.....23085	Melo, M. L. de.....24520	Div. of Feed and Fert. Control.....24054
Maheux, G.....23189	Martini, I.....24363	Meloy, G. S.....24425	Minn. Dept. of Weights and Measures.....24302
Mahler, E. J.....22411	Martini, M. de.....22062	Mendes, E.....22329	Minn. State Grain Insp. Dept.....24302
Mahoney, J.....24053	Martinoli, L.....23418	Mendieta y Núñez, L.....24602	Minshall, N. E.....20204-5
Main, A. D. C.....24155	Marty, H.....23775	Mendizábal, M. F.....22000	Minucci del Rosso, S.....22027
Maintain, R. E.....23817	Md. Agr. Expt. Sta.....20291-4	Mendoza, L. G.....20526, 24521	Miranda, L.....22475
Makins, F. K.....20584	Masalah, N. A.....20585	Méneret, G.....20661, 21120	Mirchandani, R. T.....21212
Maksif, D.....22563	Mason, E. S.....20485	Menkart, J.....24112	Misner, E. G.....20317, 22476
Malaise, R.....23433-4	Mason, K. M.....23582	Menon, K. N.....24416-17	Miss. Agr. Expt. Sta.....20296-8
Malek, Y. A. See Abdel-Malek, Y.	Massa, L.....21116, 21662-3	Menzel, R.....23489	Mo. Agr. Col. Ext. Serv.....24055-6
Malkin, G. F.....21908	Mass. Agr. Expt. Sta.....19970, 20295	Merchant, C. H.....24725	Mo. Agr. Expt. Sta.....20176, 20204, 20299
Mallis, A.....23389	Mass. State Col. Ext. Serv.....20404	Mercurio, H. M.....22748	Mo. State Dept. of Agr.....24496
Malmberg, G. E.....21461	Massaux, R.....22201	Meredith, R.....24113	Mitchell, D. T.....22413
Malterre, H.....21210, 21570, 21735-7, 21790, 21949	Massé.....23200	Merkle, F. G.....21794	Mitchell, E.....20197
Manawwar, J. A.....24471	Masséy, G. F.....21117, 23612	Merrill, E. D.....20708	Mitchell, E. W.....23880
Mandelstam, J.....25063	Masters, R. D.....20491	Merrill, G. R.....24114	Mitchell, H. C.....19880
Mandt, P. H.....23971	Masurovsky, B. I.....24035	Merrill, L. P.....22574	Mitchell, H. H.....22649
Mangat, S. S.....24181	Masvidal, R.....23783	Merritt, P. H.....22031	Mitchell, H. S.....25130
Mangelsdorf, P. C.....20947	Matagrín, A.....22113	Merritt, M.....22531	Mitchell, J. W.....20026
Mangum, M.....23794	Matallana Ventura, S.....22474	Mervine, E. M.....22368, 22370	Mitchell, R.....22975
Maniglia, R.....22611	Mather, K.....20911	Meserve, E. R.....25096	Mitchell, R. C.....24999
Manion, J. P.....24600	Mather, W. H.....24109-10	Messier, V.....22788	Mitchell, T.....23881
Manis, H. C.....20384	Matheson, D. C.....22246	Mestre Artigas, C.....23937	Mitra, C.....24440
Manitoba, Dept. of Ed.....24949	Mathias, P. E.....24724	Mestres Jané, A.....23937	Mitra-Bahadur, D. N.....20587
Mann, A. J.....24018	Mathieu, L.....22086	Metcalf, F. P.....20708	Mitrany, D.....20484
Mann, M. G.....24107	Mathis, M.....23381	Meunissier, A.....21196	Mix, A. J.....20778
Mansfield, W. S.....24790	Mathlein, R.....22973	Mexico, Comisión de Coordinación Económica Nacional. Secretaría General.....24621	Mobley, M. D.....24950
Manson, T. B.....24880	Matlock, R. L.....21162, 21743	Meyer, H.....20591, 21235	Möisinger, F.....22046
Manson-Bahr, Sir P.....23335	Matsuura, M.....21925	Meyer, J.....23150	Moffatt, N. G.....23614
Mantle, C. C.....20341-3	Matthes, E.....20615	Meyer, J. C.....23793	Moffit, G. M.....23040
Manwaring, W. H.....23266	Matthysse, J. G.....23270	Meyer, J. R.....20995	Moglia, C. J.....22886
Mapson, L. W.....24266	Mattick, A. T. R.....23988	Meyer, J. W.....24337	Mohrenweiser, D.....21305
Marais, J. G.....24156	Mattil, K. F.....24423	Meyer, L. C.....23583	Mohyuddin, A. H.....22331
Marais, J. S.....24791	Mattoon, W. R.....20102	Meyer, M.....23665	Molinari, A. M.....20494
Maranhão, Z. C.....22909, 23488	Mattras, H.....23484	Meyer, T.....20596	
Marcel.....21576	Maume.....21195	Meysenburg, V. C.....22001	
Marchand, R. G.....24895	Mauney, R.....20371, 20374-5	Mian, A. H.....21693	
Marcilla Arrazola, J.....21713	Maunsell, P. W.....20994	Michaelis, H.....22574	
Marcucci, G. B.....21283	Maupas.....21088	Michel, A.....24180	
Marfatia, K. R.....24108	Mauro, J.....20827, 20837	Michel, E.....24672	
Marie, A.....22964	Mavroustakis, G. A.....23435	Michel, W.....21163	
Marino, A. E.....25181	Maxwell, D. L.....21909	Michelbacher, A. E.....23490	
Marino, E.....21234		Micheli, A.....21872	



Item	Item	Item	Item
Molino, V.....23086-7	Mühleis, R.....24954	Nayar, T. G.....21278	Niederfrank, E. J....19959
Monguillon, P.....21715	Mueller, G. P.....22951	Neal, J. H.....23585	Niehaus, P.....21798
Monod, L.....22332	Mueller, R. W.....23859	Neale, E. P.....23855	Nielander, W.....25001
Montgomery, G.....24055	Muir, R.....24524	Neatby, K. W.....21094, 24499, 25183	Nielsen, L. W.....23764
Montgomery, G. A.....22333, 22856, 22887	Mukerji, B. K.....20997, 21730	Nebr. Agr. Col. Ext. Serv.....20407-20	Nieschlag.....22378
Montgomery, J. E.....24951	Mukerji, S. K.....21730	Nebr. Agr. Expt. Sta..... 20300-4	Nijhawan, S. D.....21837
Montgomery, R. P.....21465	Mukherjee, R.....24923	Neelands, W.....25018	Nikitashko, T.....24794
Montgomery, W. S.....24115	Mukherjee, P.....23041	Neely, J. W.....20297	Niven, L. A.....25214
Moore, A. C.....24673, 24792, 24952	Mukherjee, S. K.....21705-6	Neff, J. A.....20780	Nixon, E. L.....23667
Moore, C. M.....23666	Mull, R. P.....21024	Nehring, H.....20709	Nixon, G. E. J.....23439
Moore, D. F.....25134	Mulliken, O. E.....20510	Neishtadt, M. I.....20901	Nixon, R. W.....19889
Moore, E.....19905	Muma, M. H.....23119	Neitz, W. O.....22414	Noakes, E. E.....22478
Moore, E. C.....20839	Mundinger, F. G.....20320	Nelson, C. E.....20591	Noble, R. J.....23819
Moore, E. H.....24896	Munks, B.....22642	Nelson, C. I.....22403, 22661	Noble, W.....21970
Moore, F. E.....22749-50	Muñoz Cañizares, R.....22848	Nelson, E. W.....21187	Nodland, T. R.....24641, 24795-8, 24833
Moore, I.....21165	Muñoz Ginarte, B.....23854	Nelson, H.....23746	Noel, E. W. C.....24603
Moore, P.....22751	Muñoz O., M. M.....21091	Nelson, I. S.....21633	Noer, O. J.....21634
Moore, R. P.....21090	Munro, G.....23557	Nelson, J. M.....22415, 22565	Nomblot.....21254
Moraes Filho, R. V. de.... 22334	Munson, S. C.....23534	Nelson, L.....24856	Nordby, J. E.....22836
Morais, M. C.....24116	Murie, R. C.....22064	Nelson, R. C.....20781	Nordfeldt, S.....22379
Morales Arjona, E.....21666	Murkeek, A. E.....20299	Nelson, W. L.....21797	Nordlinger, E.....24500
Morales y Fraile, E..... 22292, 24726	Murphy, F. T.....22121	Nepveu, P.....23392	Nordström, F.....23492-3
Moras, M. de.....21960	Murphy, H. F.....21796	Nesbit, S.....24370	Nordyke, L.....21708, 24338
Morcos, Z.....22248	Murray, D. L.....20437	Neuman, W. K.....24235	Norlin, G.....20498
Moreau, L.....20840	Murray, W. D.....23438	Neunhoeffer, H.....22081	Normile, J.....20512
Moreira, M. A.....24727	Murray, W. G.....24204	Nev. Agr. Col. Ext. Serv.....20421	Norris, R. E.....21799
Morel, G.....23197	Murtagh, J. H.....22250	Nev. State Planning Bd.... 20497	N. C. Agr. Expt. Sta..... 20329-30
Morero, J. J.....24357, 24378	Musser, A. M.....24264	Nevin, F. R.....23120	N. C. Crop Impr. Assoc., Inc.....21090
Morettini, A.....20611, 21276-7	Mutinelli, A.....24427	New England Cranberry Sales Co.....24158	N. Dak. Agr. Col. Ext. Serv.....20436-7
Morgado, W. A.....25041	Mutter, J. L.....24200	N. H. Agr. Expt. Sta..... 20305-13	N. Dak. Agr. Expt. Sta.... 20331-5
Morgan, A. F.....25130, 25140	Muttou, R. H.....23042	N. J. Agr. Expt. Sta..... 20314-16	N. Dak. State Lab. Dept... 23805
Morgan, C. L.....22788	Myburgh, S. J.....22203	N. J. Dept. of Agr.....25000	Northern Ireland. Min. of Agr.....20782, 21331-2, 21579-81, 21800, 21834, 22204, 22675, 22754, 23043-5, 23396
Morgan, E. G.....22673	Myers, A. J.....23088	N. Mex. Agr. Col. Ext. Serv.....20422-5	Norton, L. B.....22977
Morgan, E. T.....21577	Myers, E. C.....22127	New South Wales. Dept. of Agr. Ent. Branch.....22976	Novelo F., E.....21171, 21668
Mori, M.....21667	Myers, L.....20145	New South Wales. Statisti- cian.....23903	Nuñez, A.....21055, 21095
Moriggi, W.....23546	Myers, W. F.....23818	New South Wales. Water Conserv. and Irrig. Comm.....21873	Nunn, A.....23823
Morley, B. D. W.....23421, 23437	Myers, W. I.....24340	N. Y. (Cornell) Agr. Col. Ext. Serv.....20426-35	Nutile, G. E.....24501
Moroney, C. J.....24522	Myers, W. M.....20641	N. Y. (State) Agr. Expt. Sta.....20320-28	Nutrition Found., Inc..... 25071
Morquer, R.....20841, 23391	Nagarkatti, K. N.....24634	N. Y. State Dept. of Agr. and Markets.....24046	Nuttall, C.....25177
Morris, D. J.....21166, 22335	Nagel, C. M.....20340	N. Y. Univ. Inst. of Internatl. Finance.....25042	Nuttonson, M. Y.....20072
Morrison, B. Y.....21466	Nagel, L. E.....24525	New Zealand. Census and Stats. Dept.....23904	Nuzhdin, N. I.....23276
Morrison, G.....21578	Nagelski, J.....24485	New Zealand. Dept. of Agr. 21217, 23066	Nyasaland. Vet. Dept..... 22251
Morrison, H. E.....21926, 23118	Naik, K. C.....20998-9, 25135-6	New Zealand. Soil Conserv. and Rivers Control Council.....21740	Nysterakis, F.....20841, 23391
Morrison, K.....23584	Nambiar, K. K.....21731	Newark, C.....24955-6	Obando, N.....24904
Morrow, J. F.....22512	Nambiyar, K. K.....21632	Newman, M. S.....22951	Obenchain, F.....22857
Morrow, K. S.....20306, 20312	Nandi, S. K.....21707	Newman, T.....22613, 22752-3	Obenshain, S. S.....20173
Morse, E. V.....22513	Napier, J. M.....20444	Newton, M.....20846	Obregon Botero, R.....21716
Morse, T. D.....23853, 24889	Narasimhan, P. S.....20496	Nicholas, J. E.....23882	O'Brien, H. R.....24874
Morstedt, E. A. H.....23989	Narayana Rao, D.....20779	Nicholls, W. D.....20282	Occhioni, P.....20931
Morton, T. F.....22586	Narayanaier, S.....24428	Nichols, A. A.....23990-1	Ochoa, F.....22872
Moseley, W. R.....24953	Narayanawamy, B. V.....20496	Nichols, H. E.....21306	Ochse, W.....24189
Moseley, M. E.....23556	National Bot. Gardens of South Africa.....20652	Nichols, J. E.....22811	O'Connor, S.....23883
Moses, C. S.....20164	National Cannery Assoc.... 20527	Nichols, M. B.....20466	O'Dell, D.....22122
Moses, J. E.....24793	National Farmers' Union and Chamber of Agr. of Scotland.....24728	Nicholson, C.....22797	Odrizola, M.....22896
Mosher, M. L.....20390	National Fed. of Young Farmers' Clubs.....21054	Nicholson, H. P.....23275	Oertel, J.....21582
Mosier, J. E.....22564	National Inst. of Agr. Bot.....21092	Nicholson, L. W.....22674	Oettgen, E.....21172
Moskovskaja Ordena Lenina Sel'skokhoziaistvennaja. Akademija Imenu K. A. Timiriazeva.....22293, 22763	National Inst. of Agr. Seed Prod. Com.....24498	Nicks, C. E.....22514	Ogilvie, L.....20842
Moss, A. M.....23491	National Planning Assoc.... 24856	Nicolle, P.....23393-5	Ohio. Agr. Col. Ext. Serv.....20438-42
Mostert, J. F. T.....21167	National Res. Council Com. on Anim. Nutr.22375		Ohio. State Univ. Dept. of Rural Econ.....23886
Mostert, T.....22477	National Roster of Sci. and Specialized Personnel 20562, 20617		O'Kelly, J. F.....21096
Mote, D. C.....21926, 23118	National Soybean Proc- essors Assoc.....24429		Okla. Agr. Expt. Sta..... 20204, 20336-9
Motomura, S.....23427	Natividade, J. V.....21253		Oldham, F. S.....21333
Motz, A. B.....25016	Navarro, R. C.....22336		Oleson, J. J.....22638
Moule, G. R.....22835	Nayar, M. B.....21093		Oliva, A.....20611
Moulton, E. L.....20495			Oliveira, A. A. de...23809
Mowers, C.....21168			
Mowery, R. C.....22824			
Moxon, A. L.....21025			
Moyer, R. T.....20071			
Mudaliar, S. V.....22249			
Mudaliar, V. T. S.....24523			
Mudd, C. E.....21170			



Item	Item	Item	Item
Oliveira, L. C. de...22337	Pape, R.....22546	Peters, W. H.....22823	Porter, B. A...22993, 23496
Oliver, J. G.....24117	Parent, M.....23324	Peters, W. R.....20528	Porter, H. C.....20173
Ollea, D. E.....24339	Parham, B. E. V.....21635	Peterson, A. G.....23339	Porter, H. G.....19948
Olmstead, R. H.....22338	Parish, A. J.....22643,	Peterson, C. W.....23278	Porter, H. W.....20032
O'Loghlen, F.....22479	22756	Peterson, W. E.....22375,	Porter, O. M.....22151
Olsen, C. B.....21801	Park, T.....23194-5	22480	Porter, W. H.....25186
Olson, C., Jr.....22676	Parker, C. O...19961, 24160	Petragnani, G.....23835	Portman, R. W.....23123
Olson, E. M.....22788	Parker, H.....22340	Petri, L.....20845	Portugal, Direcção Geral
Olson, H.....22087	Parker, L. T.....21932	Peturson, B.....20846	dos Serviços Pecuários...
Olson, O. E.....21025	Parker, P.....23714	Pexton, L. M.....24342	22895
Olson, W. Z.....20104	Parker, R.....24437	Peyser, J. E.....23938	Portugal, Instituto
Omchundro, E. H.....20145	Parr, C. H.....21802	Peyton, G. W.....21475-6	Nacional de Estatística...
Oneal, Mrs. B. G., 21467-8	Parrot, L.....22428	Pfeiffer, I. W.....23526	23906, 25041
Ontario, Hort. Expt. Sta.,	Parrott, P. J.....20321-3,	Pflaumbaum, W.....24343	Centro de Estudos
Vineland.....21236	20325-8, 20336	Phfund, M. C.....20568	Económicos.....25235
Oppenheim, B.....21039	Parshall, R. L.....20266	Phelan, M. D.....23048	Fosey, W. T.....22295
Orbeli, L. A.....20618	Parsons, B. T.....23346	Phelps, J.....24118	Post, K.....21875
Orchard, H. H.....21583	Parsons, H.....21472	Phillippis, A. de...20711,	Potier de la Varde, R.....
Orchard, M.....24957-8	Parsons, H. L.....24081	22053	20734
Oreamuno, J. R.....24604	Parsons, K. K.....22574	Phillips, H...24083, 24800,	Potter, P. B.....20354
Orlov, P. M.....22293	Partain, L. E.....22164	24834, 24890	Potts, M. W.....22102
Ormsbee, H. F.....22788	Parthasarathy, S. V..21155	Phillips, J. F.....24648	Potts, R. C.....20350
Orr, G. M.....22574	Paschal, J. L.....20267,	Phillips, P. H.....22375	Potts, R. W. L.....23196,
Orr, H. W.....22755	20379-80	Phillips, R. W.....22574	23497
Orr, L. W.....20002	Pascoe, C.....22133	Phillips, S. J.....19962	Potts, W. H.....23279
Ortega Paris, F.....22339	Pascual, P. F.....23090	Phisalix, M.....23442	Found, G. S.....20878
Ortiz, G. V.....24159	Pastore, R.....21279	Picard, M.....22131	Powell, H. R.....24163
Ortiz Garmendia, J...25184	Pastoriza, R.....24237	Piccoli, G.....22294, 22342	Powell-Owen, W...22615-17
Orton, E. C.....24236	Patch, A. J.....23668	Pickel, B. J.....20789	Powers, J. J.....23795
Orvedal, A. C.....20173	Patterson, C. R.....23046	Pickett, B. S.....21237	Fra B., I.....21348
Orwin, C. S.....25201	Patrick, R.....20739	Pieters, L. A. H.....20476	Prabhu, S. S.....23280
Oryza.....24303	Patterson, C. J.....24304	Piettre.....21931, 21945	Pradon, C.....23092
Oser, B. L.....25114, 25138	Patterson, J. T.....23277	Piettre, M.....22566, 23200	Prall, P. A.....22644
Oser, M.....25138	Patterson, R. E.....20349	Pike, K. W.....23669	Prasad, B. M.....22419
O'Shea, M. J.....23992	Patton, R. T...20588, 20902	Pinal, M. del.....21670	Prasad, K.....22381
Osser, E.....23794	Patworth, D...24358, 24379	Pinckard, J. A.....20847	Prat, H.....21000-2
Ossiannilsson, F.....23397,	Paulson, J.....22798	Pinckney, A. J.....20332	Prater, A. N.....24435
23440	Pavlov, P.....23121	Piñera, H. O.....24238	Prats Verdú, L.....21280
Osterwalder, A.....20843	Pavlovskii, E. M.....23122	Pioletti, L. A...24649-51,	Pratt, A. J.....24239
Ostrolenk, M.....23985	Pavoncelli, G.....24433	24859, 24877, 24897	Pratt, I.....23336-7
Ostwald, H.....22028, 22065	Payne, L. F.....24472	Piper, H. L.....24801	Prescott, G. W.....20740
Osvald, H.....25215	Pazos, J. M.....24858	Piper, W. E...23822, 24162	Prestridge, J. A.....22093
Otter, J. R.....22104	Peake, H. C.....20551	Pires, D. A.....22416	Prishniakov, D. N.20590,
Otto, A. H.....21469	Pearce, J. A.....24473	Pirone, P. P.....20784	21003
Owen, E. D.....25185	Pearman, J. E.....23047	Pirovano, A...21307, 21334	Price, C. W., Jr....24959
Owen, W. B.....23338	Pearse, C. K.....21176	Pitner, J. B.....21933	Price, H.....22420
Owen, W. P. See Powell-	Pearson, F. A.....24340	Pittier, H.....20589	Price, H. B.....20281
Owen, W.	Pearson, H. S.....20499	Pittman, C. W. M...20030	Price, J. A.....22787
Oyanguren, J.....21097	Pearson, M. M.....24645	Piza Jr., S. de T...23399	Price, M. C.....23340
Pacheco Thomas, A...22205	Pearson, P. B.....25139	Pizzigallo, V.....22047	Price, W. C.....20879
Paddock, A.....22206	Pease, M.....22614	Plager, C.....22858	Prince, F. S.....20309
Pader, M.....25138	Peck, E. C.....20107	Plager, W.....22859	Prindle, K. E.....23939
Pady, S. M.....20783	Peck, L.....24056	Platt, B. S.....25072	Pritchard, L. F.....20655
Páez, C.....24036	Pederson, C. S.....20324	Platt, D.....21238	Procter, G. C.....21585
Páez C., J.....21173, 24729	Peel, P. W.....23696-7,	Fletcher, F. H.....23972,	Proctor, G. R.....20725
Págani, F.....24431	23777	25141	Proebsting, E. L....20263
Page, E.....22380	Peevie, W. G. G.....22413	Flummer, P. J. G.....22888	Progressive Farmer and
Paget, R. F.....22812	Pelaez, D.....23398	Poe, C.....23823	South, Ruralist....20500
Paillet, A.....23441, 23494,	Pence, J. W.....22873	Foffenberger, P. R...20291	Promersberger, W. J..20334
23537-8	Pennington, H. A.....25002	Poiron, Mrs. R.....23091	Protogino, J.....22481
Pailrault, A.....23089	Pa. State Col...24997	Polak, E. H.....24434	Proulx, J. R.....24835
Pal, H. N.....21213	Agr. Ext. Serv....20443	Polgar, A.....25096	Fryke, W. J.....22758
Palacios, A. L.....20494	Penquite, R.....22635	Polk, H. D.....20296	Pubols, B. H.....19966
Palibin, I. V..20653, 20710	Pensinger, C. R.....23820	Pollack, N.....22417	Puerto Rico, Auditor.24730
Palm, T.....23192-3	Pepper, J. O.....22978	Pollard, W. S.....20364,	Puissegur, J. A.....22567
Palma, D.....20869	Peraza, V. M.....22341	22757	Fullen, R. J.....23051
Palmer, A. E.....21910	Percival, G. P.....20306	Pollari, V. E.....24204	Punjab, Dept. of Agr.24233
Palmer, L.....21470	Perdomo, G.....24876	Polson, A.....22252	Punjab Fruit Devlpmt. Bd..
Palmer, W. R.....24799	Pereira, C.....24341	Pomeroy, B. S.....22677	24169
Palmira, Estacion Agrícola	Pereira, J. R.....21669	Pond, E.....20464	Purcell, M. T.....22127
Experimental (Colombia)..	Pérez-Hickman, E. A..22813	Pond, G. A.....24641,	Purchase, H. S.....22253
25216	Pergola, V.....22874	24795-8, 24833	Purdue Univ. See Ind.
Pan Amer. Union.....25185	Perke, A. E.....21473	Ponniiah, J. S.....24119	(Purdue) Univ. Agr. Ext.
Div. of Labor and Social	Periman, L.....25140	Pontgarreg Y. F. C...25004	Serv.
Inform.....20486	Perry, J. E.....24474	Pool, M. F.....24435	Purewal, S. S.....25142
Panchenko, D.....23784	Perry, M. A.....23884	Poos, F. W.....23495	Puri, A. N.....21709
Pande, J. K.....23905	Perryman, C. E.....23821	Popawala.....25005	Furves, C. M.....20073,
Pannwitz.....22207, 23776	Person, J. A.....25003	Pope, C.....22418	23796
Panse, V. G.....20654	Pesel, L. F.....21474	Pope, S.....19887	Fuster.....22066
Pantanelli, E.....21691,	Pessôa, M. N. R.....21803	Popov, K.....21874	Fye, A. C.....20583
21835, 24432	Pestonit, S.....24161	Popov, V. B.....23443	Pyenson, L.....22979
	Peters, R. W.....21118	Popp, F.....21636, 21804-5	



Item	Item	Item	Item
Quadland, H. P.....22140	Red Poll Cattle Breeders' Assoc. of Australia.22332	Rivas Ros, J.....22423	Rovano Arciego, H....21592
Quante, P.....24898	Reddy, M. S.....23631	Rivière, C. M.....24805, 25008-10	Rovira S., J.....22033
Quast, F.....24526	Reddy, V. V.....21256	Rivnay, E.....23203	Rowland, S. J.....23994
Qnastel, J. H.....25143	Redeker, P. B.....23765	Rix, J. C.....22256, 22588	Rowntree, L.....21490-2
Quebec. Forest Serv.....22109, 22123, 22131-2	Redenbacher, O. C.....22447	Robbins, W. J.....20658	Roy, G.....24123
Quebec. Min. of Agr.....23189	Reed, P. W.....25187	Roberson, I.....22498	Roy, J. B.....24806, 24962
Querci, O.....23498	Reed, W. G.....22981-2	Roberts, B.....23973	Roy, K. B.....21177, 23673
Quesada, J. A.....20529	Reed, W. S.....20167	Roberts, F. H. S.....22838	Royer, G. L.....24098
Quin, J. I.....22827	Reeher, M. M.....19890	Roberts, J. W.....25202	Royston, E.....19961
Quinn, J. P.....22618	Reese, R. L.....22568	Roberts, L.....24912	Rozeboom, L. E.....23312
Quintana, E.....25144	Reeve, J. O.....20980	Roberts, L. D.....22029	Rubber Res. Scheme, Ceylon.....21672
Quintana, F.....25006	Regio Instituto Agronomico per l'Africa Italiana....20693, 24122	Roberts, S. E.....20510	Rubin, B. A.....24243
Quintanilla, C. F.....22343	Régnier, R.....23201-2	Roberts, W. M.....24014	Rubio M., R.....21593
Quinteros, M.....21477, 23444	Rehn, J. A. G.....23527	Robertson, H. M.....24606	Rucker, E. H.....22619
Quinteros, M. C.....22172	Reid, A. W.....23993	Robertson, J. H.....21176	Rudolf, E.....22002
Quiroga, S. S.....22254	Reid, E. B.....24190, 24635, 24802	Robins, E. L. D.....23547	Ruehe, H. A.....23976
Quisenberry, J. H.....23747	Reid, E. P.....20528	Robinson, A.....22642	Ruff, A. F.....21912
Rabuffo, V. M.....24045	Reid, L. E.....21876	Robinson, E.....23056	Ruiz Almansa, J.....23907
Racicot, A.....22344	Reig Feliu, A.24191, 24240, 24568	Robinson, F. A.....25154	Rummell, L. L.....24196
Rae, R.....20476	Reilly, C.....22130	Robinson, J. L.....20050, 24476	Runkel, W. J.....24486
Raef, M.....23307	Reilly, H. C.....20657	Robinson, J. M.....20246	Runnalls, M. E.....20417
Raffy, A.....25146	Reineke, L. H.....20108	Robinson, L.....22759	Runnells, D. L.....21214
Ragsdale, E.....20382	Reinthalier, A.....24803	Robinson, W. D.....25159	Ruschmann, G.....22209
Rahman, K. A.....23052-4, 23499-500	Reis, J.....23205	Roche, J. de la.....24731	Rush, J. D.....19967
Rahn, O.....20619	Reis, V.....21481	Roche, M.....24192	Rushon, E.....24244
Rai, B.....21709	Reiss, F. J.....20390	Rock, P. J. G.....23532	Rusk, H. M.....21493
Rainey, J. W.....22421	Reith, J. W. S.....21936	Rockwell, B. A.....21807	Ruska, H.....20876
Raleigh, G. J.....20428	Renaud, F.....21281, 21894	Rockwell, F. F.....21485	Ruskin, D. B.....22499
Ramachandran, S.....23071	Rentschler, H.....23940	Rodale, J. I...20591, 25155	Rusoff, L. L.....22382
Ramakrishna Ayyar, T. V...22980	Renzis, L. da.....24436	Rodda, T. E.....21589	Russell, C. E.....21308
Ramakrishna Ayyar, V. G...24836	Retief, D. J.....25150	Roderick, L. M.....22840	Russell, Sir E. J....23797
Ramamurti, S. V.....20656	Reusath, T.....21588	Rodrigues, J. H....24527-9	Russell, E. W.....21836
Ramanujachary, G.....22249	Rex, E. G.....20786	Rodrigues Campos, A.20789	Russell, H. G.....22875
Ramaud, B.....24605	Reynolds, J. B.....24905	Rodríguez Landarte, B.....22983	Russell, J. P. C....21494
Rambo, E. K.....23715	Reynolds, L. W.....20050	Rodríguez Novoa, L...22569	Russo, G.....22984
Ramirez, J. A.....22992	Rhee, H. A.....23825	Roehl, L. M.....23748	Rutherford, R. R....22897
Ramirez S., C. A.....22482	Rhoads, A. S...20787, 20880	Roger-Smith, H.....21486	Ruttle, M. L.....24441
Ramsey, F. K.....22837	Ribeiro, E. de Q....24121	Rogers, J. A.....23974	Ryle, G. B.....22067
Randet, P.....22032	Ribeiro, M. G.....25151	Rohmeder, E.....21004	Sacca, G.....23290
Randle, S. B.....20286	Rice, E. S.....22208	Rohrbeck, E. H.....22345	Sacco, P.....22424
Randoin, L.....25073, 25145-7	Rice, V. A.....22176-7	Rohwer, C.....21877	Sadasivan, T. S....23885, 23946, 24289
Randolph, B.....20360, 20373	Rice, W. S.....24202	Rohwer, S. A.....22993	Saha, J. C.....21099
Ranney, H. F.....23824	Rich, S. G.....23055	Rokahr, M.....20038	Saha, M. W.....25217
Rao, D. S.....23501, 25148	Richards, A. G., Jr.22910, 22965	Roland, R. H.....21487	Sahyun, M.....25156
Rao, K. M.....22483	Richards, B. L.....20787	Rolt, J. C.....23975	St. John, J. L.....25099
Rao, M. M.....20998-9	Richards, M. C.....20308	Romagnoli, M.....24122	Sala de Castellarnau, P. I.....22911
Rao, M. V.....20948	Richards, O. M.....24759	Romei, L.....23498	Salant, M. B.....20145
Rao, P. S.....23630	Richardson, G. A.....23672	Romer, F.....22124	Salinas, J. G.....24837
Rao, U. N.....20701	Richardson, L. R....22645	Roome, C. A.....22646	Salinas G., J. E....23942
Rao, Y. R.....23401	Richardson, R.....21482	Rosen-Runge, E. C...21488	Salinas M., J.....22346
Raoul, Y.....25149	Riches, A. J.....23941	Root, E. R.....23057	Salinas W., J.....223402
Raper, A.....24960	Richey, F. D.....20949	Roots, E.....22257	Salt, R. W.....24862
Rapin, J.....21586	Richter, J.....20552	Rorer, M. E.....21489	Samuel, L. A.....20287
Rapp, W. F., Jr.....23281	Richter, K.....25152-3	Ros de Ramis, J. de.21590	Samuels, J. K.....20053
Rasmussen, D. I.....20352	Ricketts, R. L.....23708	Rosario, C.....21753	Sanches, E.....25011
Rasmussen, W. B.....23118	Riddell, W. H.....20252	Roscoe, C.....22647	Sánchez, P. A.....21955
Raswan, C. R.....22547	Riddle, O.....22668	Rose, J. J.....20286	Sanchez Menendez-Rivas, F.25043
Rattray, M.....24564	Ridley, C.....24241	Rosella, E....20790, 21005, 21591	Sanders, A. H.....22347
Rau, M. A. G.....24487	Riecke, E. J....24804, 24861	Rosenbusch, F.....22258	Sanders, C.....24963
Rau, P.....22908, 23445	Riemerschmid, G.....22422	Rosenbusch, R.....24437	Sanders, D. W.....20659
Raucourt, M...20849, 22396, 23148, 23197-200	Ries, V. H.....21483	Rosenstrauch, F. J...21878	Sanders, I. T.....20476
Raup, H. M.....20903	Riley, H. P.....20950	Roskelley, H.....23698	Sanderson, C. J.....22648
Rantou.....21061	Ringdahl, O.....23282-7	Roskelley, R. W....20267, 20379-80	Sanderson, W. J.....20096
Ray, W. W.....20812	Rinke, E. H.....20951	Ross, A. F.....24242	Sanford, H. W.....20000
Raychaudhuri, S. P...21693	Ripon Perret, L.....20788	Rossiter, F. J.....20074	Sankaram, A.....21674
Rayment, T.....23446	Ripley, D.....21484	Rossler, E. G.....24732	Sankaran, R.....21119
Rayner, M. C.....21717	Risher, F. W.....24475	Rosso, H. D.....22760	Sansome, E.....20952
Razes, A. H.....24120	Risi, J.....22109, 22123, 22131-2	Roth, L. M.....23204	Santacruz, G.....22296
Rea, F. J.....21478	Risotto, A.....25007	Roth, R.....25138	Santa Fe. Instituto Experimental de Investigación y Fomento Agrícola-Ganadero....24709
Reber, E. L.....21479-80	Ristorcelli, A.....23288-9	Rothberg, M.....21911	Santos Biloni, J.....20714
Rebouillon, A.....20785	Ritcher, P. O.....20283-4	Rothgeb, R. G.....21098	Santos Neta, J. R. A.....21282
Rebour, H.....21587, 21806	Ritzman, E. G.....20313	Roubaud, E.....23341-3	
Rechenbach, H.....24961	Rival, A.....22889	Roueché, B.....22761	
Reck, S. H.....21745	Rivas H., J. G.....24037	Rouleau, E.....20712-13	
		Roumiguiere, F.....22548	
		Rousset-Hall, O. de.24038	



Item	
São Paulo, Departamento de Assistência ao Cooperativismo.....	25012
Sarangdhar, P. N.....	25157
Saravia I., G.....	20852
Sarma, P. S.....	23502-3
Sartory, A.....	23150
Sass, J. E.....	20660
Sastry, S. K.....	21215
Sater, E. N.....	20563
Satyanarayana, K. V.....	22483
Saugstad, S.....	20791
Saurman, A. V.....	21935
Sautter, V.....	23341, 23381
Savage, A.....	22678
Savage, H. A.....	22849
Savagner.....	22549
Savastano, G.....	21283, 21808
Saxon, S.....	21239
Sbariggi, C.....	22259
Scanlon, E. H.....	20715
Scasso, J. M.....	24891
Schad.....	21197
Schad, C.....	20661, 20853-4, 21120, 23504
Schade, A. L.....	24245
Schaede, R.....	21006
Schaefer, G.....	24124-6
Schaensser, J. P.....	20190
Schafer, V.....	23699
Schalm, O. W.....	22425
Schantz-Hansen, T.....	22068
Schaphorst, W. F.....	23785-6
Scharff, J.....	21809
Schatz, A.....	20657
Scheiter, E. K.....	24438
Schellenberg, A.....	23943
Schenk, H.....	21595
Scherer, H. J.....	20553
Scherer, P. R.....	21336
Scherl.....	21596, 23751
Schettini, F.....	24566
Scheunert, A.....	20554
Schilling.....	21240
Schlesseiman, E.....	23124
Schlichte.....	22348
Schmid, G.....	24165
Schmidt.....	21597
Schmidt, C.....	23205
Schmidt, E.....	21337, 21598
Schmidt, H.....	21599
Schmidt, J.....	24344
Schmidt, K.....	24863
Schmidt, W.....	20953
Schnee, L.....	20589
Schneider, A.....	22951
Schneider, C.....	21499
Schneider, E.....	24166
Schneider, G. W.....	20424
Schneider, H.....	20855
Schöben.....	22484
Schönauer-Eisgrub, A.....	23617
Schoenberger, E. W.....	22788
Schoening, H. W.....	19891
Schoijet Pupkein, A.....	22426
Scholes, A.....	24081
Schow, F.....	21216
Schrader, A. L.....	24838
Schrader, F. F.....	21879
Schramm, F.....	24674
Schreiber, W. R.....	20075-6, 24167
Schreiner, E. J.....	20904
Schrumpf, W. E.....	24168
Schudlich, E. F.....	24305
Schuselke, A. E.....	24314
Schuler, A.....	20620
Schultz, T. W.....	24733
Schumacher, W.....	20594
Schunck de Goldfien, J.....	25188

Item	
Schutz, H. H.....	23908
Schwalbe, H.....	22297
Schwaner, F.....	24502
Schweishemer, W.....	23944
Schwendeman, J. R.....	21880
Schwetz, J.....	23344
Scotland, Dept. of Agr.....	24734
Scott, A. M.....	20740
Scott, C. L.....	19900
Scott, E. L.....	21500
Scott, G. A.....	24044
Scott, Sir H.....	22920, 23335
Scott, L. B.....	21178
Seaber, W. M.....	22383
Seale, L. P.....	21501
Seaman, G. L.....	21746
Searls, E. M.....	22985
Sears, G. A.....	22349
Seath, D. M.....	21810, 22382, 22427, 22485
Seeba, Mrs. H.....	21502
Seghetti, G.....	24439
Segurado, M. N.....	22350
Seide, E. F.....	23749
Self, E. M.....	24567
Selhorst.....	24246
Seligman, R.....	21503
Sellers, A.....	20149
Sellwood, T. A.....	24807
Sen, N. K.....	20984
Sen, S. N.....	25217
Senior, R. M.....	21504-5
Senni, L.....	21040, 22048
Serdan, M.....	25044
Sergeant, E.....	22428
Serpieri, A.....	20611
Serrano, E.....	22815
Servadei, A.....	22986, 23206, 23379, 23403
Servindia Travancore Relief Centre, Alleppey....	25074
Serviss, G. H.....	20432-3, 21179
Seahayya, R.....	22351
Setna, S. B.....	25157
Sevastopulo, D. G.....	23505
Severin, H. H. P.....	20261-2
Severson, H.....	21913, 23700, 23977, 24735
Seymour, F. C.....	20716
Shah, M. H.....	24128
Shakespeare, E.....	25195
Shanmugasundaram, R.....	21256
Sharma, P. L.....	23054
Sharp, D. G.....	22885
Sharp, H. R.....	25177
Sharpe, E.....	24546
Sharpless, A. E.....	21506
Sharpless, N. E.....	22956
Shaver, J. M.....	20726
Shaw, A. O.....	22352
Shaw, C. L.....	24864
Shaw, C. S.....	19884
Shaw, M. C.....	21507
Shaw, R. S.....	24808-9
Shaw, T. E.....	22084
Shawl, R. I.....	23674, 23701
Shcherbakov, A. F.....	21007
Shea, J. P.....	19919
Sheehy, E. J.....	22384
Shelfuto, M. I.....	20938
Sheng, T. C.....	23291-3, 23300
Shepard, W.....	20604
Shepardson, C. W.....	20346
Shepherd, G.....	24760
Shepilov, D.....	20501
Sher, J.....	24810
Sherman, M. S.....	21966
Sherman, R. W.....	23886
Shewan, J. M.....	24568

Item	
Shewell-Cooper, W. E.....	20592, 21008, 21310, 21976, 22987
Shibaev, P. N.....	20593
Shidaker, W. H.....	23702
Shield, T. H.....	23058
Shirreff, W. H.....	22788
Shive, J. W.....	20981
Sholes, M. L.....	25098
Shoobridge, H. W.....	24675
Shostack, R.....	24057
Shrader, W. D.....	20176
Shtakel'berg, A. A.....	23294
Shuler, G. P., Jr.....	20152
Shull, W. E.....	20384, 20387
Shumeiko, A. I.....	20886
Shute, P. G.....	23345
Sibilia, C.....	20856
Siddiqui, S.....	24440
Sierra, H.....	21121
Sierra, H. M.....	21675
Sievers, A. F.....	21022, 24441
Sigetwary, A.....	22890
Silva, J. L. E.....	21914
Silva, P. da.....	24530
Simão, J.....	22136
Simmonds, A.....	20662
Simmons, C.....	21915, 22429, 22762, 22989, 23750, 24193, 24477
Simões, J. M. P.....	23229, 23316-17
Simões, T. S.....	25075
Simon, L.....	21254
Simon, M.....	21204-5
Simonds, W. W.....	22077
Simonet, M.....	20940
Simonneau, P.....	21881
Simonpietri, R. E.....	22679-80
Simons, J. W.....	20172
Sims, H. J.....	22816
Singer, R.....	20748
Singer, T. B.....	25158
Singh, D.....	21837, 23500
Singh, L.....	23675, 23945-6, 24169-70, 24247-60
Singh, M.....	20975
Singh, R. N.....	23377
Singh, S.....	20975, 21284, 23052, 24247
Singh, S. B. L.....	21285
Singruen, E.....	23887
Singsen, E. P.....	22649
Sinton, J. A.....	22920
Sippel, H. M.....	22788
Sirett, H.....	23856
Skan, E. L.....	24486
Skinner, B. G.....	24129
Skinner, C. T.....	24531
Skrynnik, A. N.....	23122
Slack, E. B.....	25089-90
Slade, F. H.....	23676
Slagg, C. M.....	20792
Slanetz, L. W.....	20310
Slate, G. L.....	20320, 21508
Slater, A. E.....	20555
Slater, F. P.....	24081
Slatter, W. L.....	24017
Sleesman, J. P.....	22990
Smallfield, P. W.....	24881
Smallman, E. N.....	22949
Smallwood, H. W.....	20123-4
Smart, J.....	23295
Smetnev, S. I.....	22763
Smiley, D., Jr.....	22098
Smirnov-Ugrumov, D. V.....	20550
Smit, B.....	22991, 23059
Smith, A.....	21241
Smith, A. C.....	22500-2, 22532

Item	
Smith, A. D. B.....	22353
Smith, B.....	21956
Smith, C. B.....	20476
Smith, C. E.....	20288, 23233
Smith, C. L.....	23367-8
Smith, C. N.....	23125
Smith, E. H.....	20327
Smith, F. B.....	25189
Smith, F. F.....	20873, 23354
Smith, G.....	24130
Smith, G. E. P.....	21882
Smith, G. L.....	23411
Smith, H.....	21509
Smith, H. D.....	24131
Smith, H. H.....	20109, 22860
Smith, H. S.....	23447
Smith, H. V.....	20253
Smith, J.....	22094
Smith, J. A. B.....	22430, 23988, 24028
Smith, J. E., Jr.....	21510-11
Smith, M. C.....	20247-9, 20252-3
Smith, M. E. See Winfield, M. E.	
Smith, Q. Q.....	22486
Smith, R. E.....	21242
Smith, R. I.....	24132
Smith, R. W.....	21600
Smith, S. F.....	23888
Smith, S. L.....	20009
Smith, T. L.....	24607
Smith, W. F. C.....	21718
Smith, W. S.....	21286
Smith, W. T.....	22134
Smith, W. W.....	23339
Snell, R. S.....	21100-1
Snider, H. J.....	21811
Snow, C. F.....	22789, 22799
Snow, W. E.....	23281
Snyder, C. F.....	24532
Snyder, J. C.....	20462-3
Snyder, J. M.....	20212
Snyder, K. M.....	25218
Snyder, L. C.....	21601
Sociedad Agronómica de México.....	20621
Society of Dairy Technol.....	24006
Soderberg, P. M.....	22764
Sokoloff, B.....	22211
Sommer, H. E.....	22662
Sonderegger, J.....	22788
Sorenson, C. J.....	23404
Soto, E. R.....	25076
South Australia. Statistician.....	23909
S. C. (Clemson) Agr. Col. Ext. Serv.....	20444-5
S. Dak. Agr. Expt. Sta.....	20340
S. Dak. State Col. Agr. Ext. Serv.....	20446-50
South-Wide Conf. of State and Dist. Supervisors of Ext. Work with Negroes...	20036
Southern Methodist Univ. Inst. of Technol. and Plant Indus.....	25238
Southwell, B. L.....	20272
Southwest Minn. Farm Mangt. Assoc.....	24798
Southwick, L.....	21637
Souza, V. de.....	23506
Souza Piza, M. de.....	22260
Spafford, W. J.....	22650
Spain. Ministerio de Agricultura. Sección de Publicaciones, Prensa y Propaganda.....	20541, 20575



Item	Item	Item	Item
Spain. Servicio de	Stott, L. H.....24964	Tanner, F. W.....23948	Thompson, J. M.....25195
Defensa Sanitaria del	Stotz.....22298	Tannous, A. I.....20077, 20476	Thompson, J. N.....22620
Olive.....20811	Stoughton, R. H.....21243	Tanquary, E. W.....23588	Thompson, R.....22574
Sparhawk, W. H.....20110	Stout, M.....24513	Tappy, E. P.....21198	Thompson, R. B. 20337, 22612
Sparks, C.....24753	Stoutemyer, V. T.....21264	Tashchev, E.....24812	Thompson, S. W.....22516
Spate, O. H. K.....24913	Strang, P. D.....22533	Tasmania. Statistician....	Thompson, S. Y.....23988,
Speakman, J. B.....24112	Strasburger, E.....20594	23913	25095
Speer, W.....21041	Strecker, F.....21604	Tasmanian Prod. Organ.....	Thompson, T. G.....20859
Speese, B. M.....20663	Street, A. G.....22550, 23618	25013	Thompson, W.....23062
Spencer, A.....21512	Stricker, M. H. 23060, 23094	23406	Thompson, W. C.....22621,
Spencer, L.....20318	Strickland, V. D.....24547	21042	22767
Sperling, J.....21513	Strong, E. K., Jr.....22165	Taudière, E.....23619	Thomson, A.....21523
Speroni, J. C.....24134	Strout, E. B.....21515	Taunay, A. de E.....20887	Thornburg, M. G.....22668
Spelman, A. A.....20461	Stuart, J.....24906	Taussig, S.....22354	Thorne, D. W.....22005
Spielman, H. W.....24442	Stuart, M. W.....21009,	Tavares, H.....25190	Thornton, B. J.....21638
Spooner, H. L.....23677	21516-18	Tawse, W. J.....20858	Thornton, H. R.....23889
Sprague, H. B.....21812	Stubbings, W. A. K.....23509	Taylor, A. R.....22885	Thorold, C. A.....20860
Spratling, F. R.....22515	Stubbs, E. L.....22766	Taylor, B. R.....20338	Throckmorton, R. I.....21820
Springer, M. R.....20176	Stuckey, H. P.....21732	Taylor, C. R.....21817	Thurber, E.....24968
Sprott, D. B.....22574	Studer, A.....21349	Taylor, F. J.....23827	Tichhauser, L. A.....22432
Sprurrell, F. A.....24364	Stumbo, C. R.....24381	Taylor, G. M.....21521	Tidbury, G. E.....24261
Squibb, R. L.....21180, 22212	Stura, C. A.....22267	Taylor, H. B.....24966	Tieche, J.....20959
Sreenivasaya, M.....23506	Sturkie, D. G.....21182-3	Taylor, J. J.....21929	Tielen.....21056
Srinivasan, V. K.....20924	Suárez Caviglia, O. R.....	Taylor, J. S.....20434	Tiemann, H. D.....22110
Srivastava, R. C.....24533	24737	Taylor, R. B. C.....23778	Tiemann, O. R.....21524
Stabler, S.....21813	Suarez F., J.....21184	Taylor, R. M.....23350	Tiffany, H.....25203
Stack, G. T.....21602	Subrahmanyam, V.....24277	Taylor, R. W.....24813	Tilkes, P.....22488
Stacy, W. H.....23586	Subramanian, C. K.....23467	Tchakirian, A.....25191	Till, W. M.....25063
Staehelin, M.....20857, 21338	Subramanyam, K.....20922	Teale, E. W.....22912	Tilley, S. R.....21525
Stage, H. H.....19906	Suit, R. F.....20320	Technical Assoc. of the	Timiriazev, K. A.....20622
Stahl.....22876	Sukhatme, P. V.....24307	Pulp and Paper Indus.....	Timiriazovskaja Sel'sko-
Stakman, E. C.....20793	Sullivan, L.....24308	22152	kokhoziaistvennaja Akade-
Stallings, J. H.....20222	Sullivan, M. A.....24486	Tedesco, F.....23126	mia, Moscow. Nauchnaja
Stanton, T. R.....21102	Sumlin, M. I.....20605	Teeri, A. E.....20313	Konferentiaia.....25236
Stapledon, R. G.....21916	Summers, T. H.....23910	Teesdale, L. V.....20112	Timm, A.....24914
Staples, R. R.....21181	Sun, V. G.....21010	Telford, H. S.....23304	Tindale, G. E.....24262
Staples, R. S.....25019	Survant, W. G.....21918	Telle.....21818	Tindall, C.....22590
Stare, F. J.....25077	Sutton, R. D.....24171	Templeton, G. S.....22004	Tingley, K. A.....20381
Starkoff, O.....23569	Svennilson, I.....24609	Tennant, J. L.....23798,	Tipton, A. L.....25014
Starr, D. F.....22992	Svenson, H. K.....20665,	24636, 24738	Tirelli, M.....23540
Starr, W. B.....22898	21520	Tenn. Agr. Col. Ext.	Tiscornia, J. J.....21554
Statuti, F.....23296	Svensson, G.....23207	Serv.....20451-4	Tisdale, E. W.....21018
Steele, J. M.....21917	Svihla, R. D.....20731	Tenn. Agr. Expt. Sta.....	Tisdale, W. H. J.....24135
Steen, H.....24306	Swanson, C. O.....24309	20341-5	Tissonnier, J.....21605-6
Steen, W. C.....20717, 20735	Swanton, M. K.....24965	Tenn. Valley Authority....	Titledad, N.....21964
Stefanelli, A.....23297	Swartwout, H. G.....20795	20173	Titus, H.....22899
Stefanopoulo, G. J.....23239	Sweden. Lantbrukshög-	Termohlen, W. D.....24478	Titus, H. W.....22652
Steffen, A.....21603	skolan. Husedjursför-	Ternov, A.....23779	Titus, W.....23127
Steggerda, M.....22765	söksanstalten.....22851	Terráñez Rodríguez, J.....	Tjeder, B.....23558-60
Stein, C. D.....22261	Sweden. Lantbrukshög-	24345	Tobón Villegas, A.....21185
Steiner, L. F.....23507	skolan. Jordbruksförsöke-	Terrell, M. E.....25079	Todd, H. H.....23621
Steinkamp, R. C.....25159	anstalten.....21078, 21690	Terrell, W. G.....20286	Todd, L.....24479
Steppfer, H.....23508	Sweden. Statistiska	Terrill, C. E.....22836	Tolley, H. R.....19969
Stenkhooff.....21838, 22213	Centralbyrå.....23911-12	Tervet, I. W.....20796	Tolstikhin, W.....20605
Stephens, C.....24380	Sweetser, G. A.....21816	Teunisson, J.....19942	Tom, R. C.....22367-8,
Stephens, D.....20338	Swingle, W. T.....20480	Tex. Agr. Col. Ext.	22370
Stephens, S. G.....20954-7	Swink, E. T.....20456	Serv.....20455	Tomalin, T. E.....21311,
Sternberg, F.....24608	Switzerland. Eidgenös-	Tex. Agr. Expt. Sta.....	21527-8, 21607-8
Stevens, O. A.....20331	sische Landwirtschaft-	20346-51	Tomes, J. E.....23063
Stevenson, W. G.....22262	liche Versuchsanstalt,	Thalberg, M. D.....20513	Tomertorp, G.....21609
Steward, B. A.....24736	Zürich-Oerlikon.....21015	Thayer, R. H.....20337	Tomey, A. Y.....22622, 22768
Stewart, A. B.....21936	Sydney Univ. Dept. of	Theodor, O. H.....23346	Tomhave, E. A.....22769
Stewart, C. D.....20485	Zool.....23332	Theophilus, D. R.....20383	Tomkins, R. G.....24266
Stewart, D. K.....25078	Sykes, F.....24811	Theophilus, G.....22554	Tomlinson, B.....21747
Stewart, T. G.....21814	Sylvester, W. D.....24443	Theune J., J.....21122	Tontz, C.....22770, 23095
Steyn, D. G.....22263-6,	Syme, P. S.....23587	Thiel, O.....22487	Toop, C. R.....22517, 23128
22570	Sze, L. C.....20932-4,	Thies, W. H.....21919	Topham, P.....24882
Steyskal, G.....23405	20958, 21010, 23208,	Thomas, F. C.....20797	Topi, M.....23214
Stimson, C. T.....21514	23529-31	Thomas, G.....21883	Torgeson, O. W.....22114
Stirling, J.....25045	Tasuber, C.....19969	Thomas, G. S.....21522	Tormo, J.....22651, 23407
Stitts, T. G.....23978	Talbert, T. J.....21244	Thomas, H. L.....24445	Tornes, W. A.....22518
Stock, C.....22589	Talbot, M.....23448	Thomas, I.....21103	Torre-Buena, J. R. de la..
Stockley, C. H.....23298	Talbot, R. J. de C.....22431	Thomas, J.....21884	23408-9
Stockwell, E. J.....20413	Talegón Heras, F.....22299,	Thomas, P. H.....22994	Torrent, F. B.....22433
Stoddard, E. M.....20794	22877	Thomas, P. J.....24967	Torres, B. A.....23410
Stoddart, L. A.....20352	Tallarico, G.....21287	Thomas, R.....21920	Tórres, V.....24969
Stoehr, J. A.....22836	Tan, C. C.....20958, 23208-13,	Thomas, R. G.....21921	Tostlebe, A. S.....19902
Stoffels, E. H. J.....21676	23219, 23292, 23300-3	Thomas, R. P.....21819	Tottenham, C. E.....23215
Stokes, W. E.....21815	24248	Thomas, W. P.....24754	Touche, F. de la.....23780
Stone, A.....23299	Tandon, G. L.....24248	Thomlinson, J. W.....23061	Toumanoff, C.....23347
Stone, Mrs. H. B.....20664	Tanganyika. Dept. of Agr..	Thompson, E. C.....20909	Tousley, R. D.....24172
Stonecipher, H. V.....19968	21654	Thompson, J. F.....25101	Towle, D. S.....20666



Item	Item	Item	Item
Townsend, J. C.....19952	U. S. Army-Navy-Civil Com.	U. S. Dept. of Agr.--Con-	U. S. Golf Assoc. Green
Townsend, T. H.....23678	on Aircraft Design	tinued.	Sect.....20798
Tozzi, R.....24610	Criteria.....20087,20104	Foreign Agr. Relat.,	U. S. Interstate Com.
Tragårdh, I.....23129-30	U. S. Army. Quartermaster	Off. of.....20065-77	Comm.....20533
Trallil, D.....24446	General's Off.....24204	Forest Serv.....20078-115	U. S. Libr. of Cong.....25167
Traskman, S.....22771	U. S. Bur. of Employment	Forest Prod. Lab.....	Gen. Ref. and Bibliog.
Trautmann, A.....20554	Security.....20511	20080-1,20085,	Div.....20609
Treanor, K.....20272	U. S. Bur. of Foreign and	20087,20090,20092,	U. S. Natl. Bur. of
Treillard, M.....23341	Dom. Com.....22999,24613,	20094,20096,	Standards.....24448,24532
Trembley, H. L.....23348	25034	20098-101,20104-9,	U. S. Navy Dept.....20597
Tressler, D. K.....23842,	U. S. Bur. of Labor	20114,20164	Bur. of Yards and Docks.
23890-1,24263	Statis.....23810,25185	Lake States Forest	20573
Tret'ak, A.....21104	U. S. Bur. of Reclam.20502	Expt. Sta.....20097	U. S. Off. of Defense
Trier, B.....23751	U. S. Bur. of the Census..	Southwest. Forest and	Transportation.....20533
Trinchieri, G.....22995	24447	Range Expt. Sta.....	U. S. Off. of Price
Triplett, J. F.....24311	U. S. Congress. House.	20095	Admin.....20504,20515
Trivix, A. E.....24652	Com.	Human Nutr. and Home	U. S. Off. of the Co-
Trout, G. M.....24039	Agriculture.....20503	Econ., Bur. of.....20116	ordinator of Inter-Amer.
Trouvelot, B.....23199	Expenditures in the	Information, Off. of....	Aff.....21678
Troy, M. A.....22434	Executive Depts...20623	20117-21	U. S. Off. of War Mobili-
Trufanov, A. B.....25160	Special Com. to Investi-	Interbur. Com. on Post-	zation and Reconversion..
Truffaut, G.....21677	gate Food Shortages....	war Programs.....19898	20534
Trujillo Peluffo, A.....22996	20531	Labor, Off. of.....20122	U. S. Patent Off.....21312
Tryon, H. H.....22069,22098	U. S. Congress. Senate.	Library.....20123-4	U. S. Social Security Bd.
Tsibain, N. V.....20595	Com.	Mktg. Serv., Off. of....	Libr.....20487
Tsvetov, I.....24814-15	Special Com. Investi-	20125-58	U. S. Tariff Comm...20505-
Tuccillo, F. J.....24194	gating the Natl. De-	Dairy and Poultry	6,20535
Tucumán. Universidad.	fense Program.....20532	Branch.....20140-4	U. S. Tenn. Valley Author-
Departamento de Investi-	U. S. Dept. of Agr.....	Inspection and Grading	ity.....24795-6
gaciones Regionales. In-	19879-20241,22993	Div.....20125	Library.....20624
stituto "Miguel Lillo"...	Agr. Adjust. Agency....	Materials and Facili-	U. S. War Prod. Bd.
20596	19920-40,20444	ties, Off. of.....20159	Prod. Res. and Develpmt.,
Tülmann.....21821,22006,	South. Div.....19926	Personnel, Off. of.....	Off. of.....20094,20109
24611,24878	Agr. and Indus. Chem.,	20160-3	U. S. War Relocation
Tuller, Mrs. M. H....20044	Bur. of.....19941-3	Plant Indus., Soils, and	Authority.....24852,24970
Tullgren, A.....23131	South. Region. Res.	Agr. Engin., Bur. of...	U. S. War Shipping Admin..
Tunel, V. F.....20605	Lab.....19943	19922,20164-76	20536
Turégano, F. F.....24040	West. Region. Res.	Dry Land Field Sta....	University of the Wit-
Turevich, E. I.....22269	Lab.....19941,23679	20349	watersrand, Johannesburg.
Turk, F. A.....23132	Agr. Econ., Bur. of.....	Region. Salinity Lab..	24818
Turk, K. L.....22214,24058	19944-70,24044,24046,	20169	Upshaw, H. C.....22551
Turk, L. M.....21719	24797-8,24833	Production, Off. of.....	Uranga Loya, A.....22126
Turner, C. G.....22489	Agr. Res. Admin..19971-4	20184	Urann, M. L.....24173
Turner, G. E.....23995	See also Agr. and	Prod. and Mktg. Admin...	Uribe B., R.....24359
Turner, J.....24739,25015	Indus. Chem., Bur.	20177-83	Enquist Villalba, R..22900
Turner, J. D.....20285-6	of; Anim. Indus.,	Rural Electrifi. Admin...	Ushatinskaiia, R. S...23134
Turner, N.....22997	Bur. of; Ent. and	20185-90	Utah. Agr. Expt. Sta.....
Turner, R. A.....20045	Plant Quar., Bur.	Secretary, Off. of.....	20352-3
Turnill, L.....22623,22772	of; Expt. Sta., Off.	20191-200	Uttaman, P.....21011
Turnill, L. C.....22773	of; Human Nutr. and	See also Personnel,	Utter, L. G.....23000
Tustin, E. B., Jr.....	Home Econ., Bur. of;	Off. of.	
21961-2,24569	Plant Indus., Soils,	Soil Conserv. Serv.....	Vail, B. B.....24195
Tutor, J. M.....24480	and Agr. Engin., Bur.	20201-24	Vainér, I.....22161
Tweed, I.....20555	of.	Region 5.....20211	Valdivia, M. A.....24449
Twinn, C. R.....22998	Anim. Indus., Bur. of...	Southwest. Region....	Valencia, Spain. Cámara
Tyssowski, J.....22270	19975-7	20221	Official Agrícola...24740
	Com. on Definitions of	Solicitor, Off. of.....	Valente, H. M.....24182
Ueberreiter, O.....22519	Coarse Fragments in	20225-7	Valle-Rodas, R.....21694
Uganda. Vet. Dept....22271	Soils, Glacial Mater.,	Southeast Region Post-	Valleau, W. D.....21220
Ukil, A. C.....23800	and Land Forms....20174	War Planning Com..19916	Van Blaricom, L. O...24264
Ullman, V.....23892	Commod. Credit Corp.....	Supply, Off. of.20228-38	Vandenbelt, J. M.....25161
Ulloa S., A. G.....20530	19978-94,20227	War Food Admin....19962,	Van de Pas, L.....20556
Ulrich.....22490	Commod. Exch. Authority.	20239-41,20533	Van der Merwe, H. J..22878
Unger, H. F.....24136	19995	U. S. Dept. of Labor.	Vanderplank, F. L....23279
Union Catholique des	Ent. and Plant Quar.,	Div. of Labor Standards.	Vanderwaeren, J....21204-6
Cultivateurs (Quebec)....	Bur. of.....19996-20007	24676	Van der Walt, S. J...22570
24995	Insecticide Div..22982	Women's Bur. Inter-Amer.	Van Heulen, B.....20050
Union of South Africa.	Pacific Coast Region,	Div.....20477	Van Horn, C. W.....20254,
Dept. of Agr. and For-	Off. of.....19997	U. S. Dry Land Field Sta.	20257
estry.....21878,21963,	Expt. Sta., Off. of.....	See U. S. Dept. of Agr.,	Van-Horne, B.....23698
22194,22215,25152-3	20008-9	Plant Indus., Soils, and	Van Kleeck, A.....20101
Union of South Africa.	Ext. Serv.....19922,	Agr. Engin., Bur. of.	Van Melle, P. J.....21529,
East Coast Fever Comm....	20010-48	U. S. Fish and Wildlife	25204
23133	Farm Credit Admin.20042,	Serv.....20780	Van Metre, R.....22591
United Packinghouse	20049-53	U. S. Food and Drug Admin.	Vannoy, J.....20363,20366,
Workers of Amer. (CIO).	Farm Security Admin.....	23836	20372
Res. Dept.....25225	20054-61	U. S. Foreign Econ.	Van Rensburg, J. A...22215
United Provs. Indiaj.	Region V.....20055	Admin. Bur of Supplies...	Van Sant, W. R.....22355
Dept. of Agr.....21286	Fed. Crop Ins. Corp.....	20569	Van Schaack, G. B....20597
Dept. of Econ. and	20062-4	U. S. Gen. Land Off.24817,	Van Someren, E. C. C.23349
Statis.....23905	Fiscal and Accounting	24865	Van Syckle, C.....25083
	Officers' Conf.19917-18	U. S. Geol. Survey..21871,	Van Tuyle, H.....24196
		21879	



Item	Item	Item	Item
Varela Barros, L. A....22272	Vsesoiuznyi Nauchno-is-	Watts, W. S.....24178	White, J. W., Jr.....24485
Varela L., G....21695, 21922	sledovatel'skii Institut	Weatherwax, P.....20659	White, R. M.....23532
Varela Martinez, R....20960,	Sveklovichnogo Polevid-	Weaver, A. D.....23705	Whitehead, E. I.....21025
21885, 24741	stva.....20599	Weaver, L. A.....22861	Whitehead, H. B.....24042
Vargas C., J. J.....22166		Webb, A.....23064	Whitehead, S. B.....20802,
Varzea, A.....24535	Waddell, M. B.....23350	Webb, A. H.....23948	21543, 23136
Vasconcelos, E.....24536	Wadsworth, W. B.....24081	Webb, C. G.....22816	Whitehouse, F.....24972
Vasudeva, R. S.....20881	Waechter, H. von.....24819	Webb, G.....21748-9, 21886	Whiteside, A. G. C....20846
Vatter, R.....221530	Wafer, A. E.....22775	Webb, J. E.....23308	Whitfield, W. R.....23719
Vaugh, M.....22216	Wagener, K.....20557	Webb, R. A.....25072	Whitford, A. C.....24138
Vaughan, T. L.....19956	Wager, H. G.....24266	Webb, R. M.....22276	Whiting, G.....22154
Vavich, M.....20253	Wager, V. A.....20870	Webb, R. W.....20157	Whitlock, J. H.....22278,
Vaysiere, P.....23001	Wagner, G.....23002	Webb, W. H.....22800	22840
Vechslor, M. J.....24614,	Wagner, J. B.....22128	Webber, Mrs. M. J....21539	Whitlock, M. C.....20396
25047	Wagner, M.....20800	Weber, E. D.....24199	Whitnall, A. B. M....23137
Vega Arancibia, F....22553	Wagner, P. M.....20600	Weber, P.....21107	Whitney, D. J.....21289
Vélat, F.....23589	Wagnon, K. A.....22275	Webster, B. C.....24060	Whitson, D.....22652
Vélat, P.....22273	Wahlberg, H. E.....20882	Webster, W.....22436	Whitten, R. R.....20007
Veneruela, Ministerio de	Wahlgren, E.....23510	Weedon, V.....23590	Wiant, J. S.....20863
Agricultura y Cría....25208	Waibel, L.....20508	Wehrle, L. P.....20251	Wickham, R. D.....21245
Venkatachalam, V.....22435	Wainscott, L. F.....21044	Weick, L.....21540	Wieder, S.....20559
Venkatasubramanian, T. A..	Waite, A. M.....24657	Weinard, F. F.....21541	Wiegand, E. H..24206, 24267
24416	Waite, H. L.....20591	Weinhausen, K.....22008	Wieting, C. G.....21544
Venturi, F....22986, 23216,	Waite, W. C.....23858	Weir, T. S.....21343	Wigan, F.....23979
23305	Waksman, S. A.....20657	Weis, H.....21200	Wightman, R.....21940
Venus, C. G.....25046	Walker, E. H....20597, 20672	Weischer, F....22277, 22571	Wilcox, M. S.....24208
Verghese, G. T.....24487	Walker, J. C....20878, 21012	Weits, J.....24616	Wilder, O. E. M.....22199
Vezia, C.....23199	Walker, J. E.....21123	Welch, F. J.....20298	Wilder, R. M.....25130
Vianna, C. A.....20667	Walker, W. P.....20291-3	Welch, H.....22683	Wilhelm, A. F.....23005
Vickerstaff, T.....24129	Wall, G. M.....24177	Welch, J. H.....24197	Wilkes, M.....21545
Vidal, A.....24537	Wallace, D. H.....20485	Welch, T. H.....23752	Wilkins, H.....23065
Vidal, M.....22592	Wallace, H. A.....20509	Weldon, R. L.....22153	Wilkinson, C. A.....22574
Viel, G.....21655, 22932,	Wallace, H. M.....21969	Wellck, A. A.....22801	Wilkinson, J. F.....21640
24265	Waller, E. F....20309, 20311	Wellington, R.....21344	Will, A.....22802
Vigil, C. C.....21105	Wallin, E. W.....22788	Wellington, W. G....23449	Willahan, L. T.....20074
Vignerot.....23716	Walling, E.....20601	Wells, L. T.....24482	Willcox, O. W.....21823
Vignerot, M.....24615	Wamsley, L.....20718	Wells, O. V.....19948	Williams, C. B....23512-13
Vila Camacho, A.....21923	Walrath, A. J.....19970	Welp, G.....23843	Williams, C. E.....22320
Vila Masia, I.....24548	Walsh, C. L.....24137	Welsh Plant Breeding Sta.,	Williams, C. O.....24973
Villee, C. A.....23306	Walter, A. W.....22662	Aberystwyth.....21058	Williams, E. G.....20727
Vincent, W.....24041	Walter, F.....23915	Wenholz, H.....24450	Williams, E. V.....23893
Viner, J.....20507	Walters, T. G.....22356	Went, F. W.....21014	Williams, E. W.....23894,
Vinet, A.....25149	Walton, L. S.....23623	Wentworth, Lady.....20555	24483
Vinet, E.....20840, 21822	Wanamaker, J. F.....23319	Wenzel, L. K.....21871	Williams, G. T....22626-7,
Vinton, C.....24381	Wander, I. W.....21341	Werner.....22385	22777
Va. Agr. Col. Ext. Div....	Ward, A. L.....24839	Wertheim, I.....23096	Williams, H. H.....20567,
20456	Ward, F. K.....20673	West, C. H.....21542	22642
Va. Agr. Expt. Sta....20173,	Ward, G. H....24059, 24481	W. Va. Agr. Col. Ext.	Williams, J. L.....21345
20354	Ward, H. W.....22574	Serv.....20468-71, 22776	Williams, R.....23829
Va. Polytech. Inst....22169	Ward, J. D. U.....21045	W. Va. Agr. Expt. Sta.....	Williams, R. C.....20879
Va. Univ. Ext. Div....24974	Wardlaw, C. W.....20935-6	20468	Williams, R. J.....25080,
Virville, A. D. de...20905	Ware Bros. Co.....25233	W. Va. Dept. of Agr.....	25177
Vinyel, K.....25101	Warlar, U. A.....20674	21938-9, 22776,	Williams, R. W.....22386
Visocchi, V.....20611	Warner, E. A.....22492	24061-2, 24457, 24504-5	Williams, T. L.....24761
Viswan, E. K.....21043	Warner, E. F....19886, 20047	Westcott, C....20801, 20861	Williams, W. K.....19897
Viswanathan, G. R....22839	Warner, R. C.....24414	Western Australia. Stat-	Williams, W. L.....22279
Vitali, G.....21840	Warren, D. C....22681, 23570	istician.....25048	Williamson, A. C.....24653
Vitoria, J. C.....24010	Wartenberg, H.....21013	Western Coop. Spray	Williamson, F.....22300
Vivarelli, L.....21288	Wasfi, M.....23307	Proj. Conf.....23003	Williamson, H. H....20048
Viveiros, J. de.....24538	Washburn, B. E.....24971	Weston, W. A. R. D....20862	Williamson, W. C.....23753
Vivó, H.....23914	Washburn, L. E.....22368,	Westover, H. L.....19896	Willies, J. S.....22778
Vivoli, G.....21106	22370	Westrup.....24506	Willikens, W.....24744
Vogel, W.....23704	Wash. Agr. Expt. Sta.....	Wetzel.....21841	Williner, G. J.....23561
Vogler.....23751	20355-8, 20459	Wetzel, A.....21696	Willitts, B.....23754
Vogler, J.....20799, 21957,	Wash. State Col. Ext.	Wetzel, G. F.....23625	Willoughby, C. H....22358
21971, 23217, 24175-6,	Serv.....20457-67	Whaley, S. A.....24347	Wills, E. P.....20670
24503, 24742	Wash. State Dept. of Agr..	Wharton, C. W.....23135	Wills, J. A.....22099
Voigt, C. O.....24346	20459	Wheatley, W.....22951	Wills, L.....25163
Volz, E. C.....21531	Wasmuth, G. V.....20469	Wheeler, E. H.....20327	Wills, R. B.....20512
Von Deible, C. H....24743	Wasser, C. H.....21187	Wheeler, W. A.....19907	Wilson, E. E.....20864
Vondell, J. H.....22774	Waters, M. F....22624, 22682	Whipple, C. E.....20476	Wilson, G. S.....23980
Vondracek, J.....22593	Watkins, J. M.....21057	Whistler, N. K.....23626	Wilson, H. Van P....21546
Verhies, C. T.....20251	Watkins, J. V.....21538	Whitacre, W. R.....23828	Wilson, J. D.....22990
Vorkampff-Lane.....20906	Watkins, W. F.....21937	Whitaker, A. P.....20510	Wilson, J. E.....22684
Vornfelde, K.....23632	Watson, A. J.....24470	Whitcomb, W. D.....23004	Wilson, J. O.....22070
Vrooman, L.....23857	Watson, J. A. S....23624	White, C. L.....24348	Wilson, L. T.....22387
Vsesoiuznyi Nauchno-	Watson, J. R.....23511	White, C. T.....21639	Wilson, M. L..19908, 20476
isledovatel'skii Insti-	Watson, M. A.....24382	White, D. G.....21679	Wilson, R. C.....24866
tut Sakharnoi Promysh-	Watson, W. P.....22357	White, J. C. D.....25102	Wilson, R. W.....22388
lennosti.....20598	Watt, J. H.....21342	White, J. G., Engin.	Wiltse, E.....21547
	Watts, M. T....20669, 20719	Corp., New York.....20625	Wiltshire, E. P...23514-15



	Item
Winfield, M. E.....	21026
Wingate, I. B.....	20539
Winkelried Berton, A. de.	22280, 23533
Winslow, C. P.....	20114
Winter, A. R.....	22665
Winter, J. D.....	24268
Winter, T. S.....	23066
Wirén, E.....	23218
Wis. Agr. Expt. Sta..	20201
Wis. Univ....	20080-1, 20085,
	20087, 20090, 20092,
	20094, 20096, 20098-101,
	20104-9, 20114
Wisely, K. C.....	25081
Wiseman, H.....	20247-9
Withers, D. F.....	24139
Witkus, E. R.....	20937
Witman, E. D.....	23006
Wizleben, A. von....	24365
Wolberg, F. B.....	20461
Wolf, J. Z.....	23990-1
Wolfe, H. S.....	21680
Womersley, J. R.....	24088
Wood, C. W.....	21548-9
Wood, I. D.....	20060
Wood, K.....	22803
Wood, W. W.....	21550

	Item
Woodard, E. M.....	20425
Woodhill, A. R.....	23332
Woodin, R. J.....	22301
Woodroffe, F. B.....	21551-2
Woodroof, J. G.....	20270-1,
	23895, 24269
Woodruff, L.....	20405
Woodson, R. E., Jr...	20720
Woodward, L. A.....	20212
Wooley, J. C.....	21924
Woolfe, D. T.....	22520
Woolley, D. W.....	25164
Woolley, F.....	21681
Worcester, C.....	20061
Worth, A.....	23067
Woytinsky, W. S.....	20511
Wray, D. L.....	23562
Wreath, G.....	22891
Wright, A.....	23007
Wright, E. B.....	23896
Wright, J. G.....	22088
Wright, M.....	23563
Wright, R. C.....	22521
Wright, W. H.....	23336
Wu, C. H.....	24297, 25128
Wu, T. T.....	20749
Wyatt, C. E.....	20167

	Item
Wyatt, F. A.....	21733
Wyckoff, R. W. G.....	20879
Wygant, M. D.....	20002
Wykoff, M. H.....	22522
Xandri Tagüeña, J. M.....	21713
Yackulic, G. A.....	21682
Yang, H. P.....	20476
Yarham, E. R.....	22503
Yarnell, S. H.....	21313
Yarnham, E. R.....	22534
Yates, P. L.....	20476
Yeager, J. F....	23516, 23534
Yerxa, C. W.....	23517
Ying, E. M.....	23219
Yoder, R. E.....	20439
Yohe, R. S.....	22818
York, C. M.....	24198
Yost, H. E.....	19996
Young, G. E.....	20474
Young, J. W.....	21188
Young, M. L.....	23755
Young, M. T.....	23411
Young, R. A.....	21683
Yu, T. F.....	20749
Yum, K. S.....	24755

	Item
Yunus, M.....	23499
Zacharias, C. W. B...	24745
Zack, F. J.....	22359
Zacutts, E.....	22030
Zakhvatkin, A. A...	23412-13
Zamenhof, S.....	23309-10
Zamith, A. A.....	23138
Zappi-Recordati, A...	24451
Zavoral, H. G.....	24840
Zechmeister, L.....	25096
Zeller, H.....	23249
Zellnik, G.....	24140
Zentgraf, E.....	21046
Ziemer, G. L.....	21887
Zieske, G. R.....	20803
Zillgitt, W. M.....	21047
Zimmerle, H.....	22071
Zimmerman, C. C.....	20476
Zimmerman, M. M.....	23801
Zito, F.....	21290
Zogg, H.....	21015
Zonal'nyi Institut Zer-	
novogo Khoziaistva Raino-	
nov Nечernozemnoi Polosy	
	20593
ZurBurg, F. W.....	21633
Zweifel, H.....	24179



# SUBJECT INDEX

- |  | Item |  | Item |   | Item |  | Item |
|--|------|--|------|---|------|--|------|
| Abies alba. See Fir, silver.   |      | Agave.....21363  |      | Agriculture--Continued.   |      | Alcohol--Continued.  |      |
| Abnormalities and deformities. See subhead abnormalities under Insects; and subhead anomalies under names of animals and plants. |      | diseases.....20810   |      | India..20496,24689,24693  |      | sources.....24562  |      |
| Abortion, contagious. See Brucellosis.   |      | See also Sisal.  |      | Italian East Africa.....24610   |      | Alfalfa  |      |
| Acacia.....21419,24371   |      | Ageronia.....23487   |      | Italy.....20611   |      | as feed, for lambs.22823                                     |      |
| pests.....23401  |      | Aglaope infausta.....23478   |      | Jamaica.....24713,24743   |      | Australia.....21154  |      |
| Acacia, babul.....21043  |      | Agrarian reform. See Land, reform.   |      | Japan.....24716   |      | culture.....20356,20453,21159                                |      |
| Acacia arabica. See Acacia, babul.   |      | Agrarian systems. See Land, tenure.  |      | Korea.....24755   |      | drying.....23678   |      |
| Acacia negra.....21034   |      | Agreements. See Trade agreements, and treaties; and under specific subjects. |      | Latin America.....20510,24587   |      | equipment.....23678  |      |
| Acanthomiotia n. g.....23428   |      | Agricultural Conserv. Program...19921,19925,19927,19929-30,19934-5,19940     |      | Libya.....24592   |      | harvesting.....23678   |      |
| Acarapis woodi.....23043   |      | Arizona.....19928  |      | Middle East.....20077   |      | pests..22914,23382,23404                                     |      |
| Acaridae.....23100   |      | Colorado.....19928   |      | Minnesota.....20625   |      | varieties...19896,20356,21151                                |      |
| See also names of genera.  |      | Idaho.....19928  |      | Mississippi.....24701   |      | See also Silage, alfalfa.                                    |      |
| Acarina.....23111  |      | Kansas.....19928   |      | Mozambique.....24570  |      | Alfalfa caterpillar. See Colias eurytheme.                   |      |
| See also common group names; and names of suborders, families, and genera.   |      | Montana.....19928  |      | New Mexico.....20495  |      | Algae.....20736  |      |
| Acarus siro.....23109  |      | Nevada.....19928   |      | Palestine...24616,24711,25231   |      | Illinois.....20574   |      |
| Accidents.....19967,20198  |      | New Mexico.....19928   |      | Peru.....24702,24729  |      | marine.....20737   |      |
| forest.....20113   |      | Oregon.....19928   |      | Poland.....20493  |      | See also Seaweed; and names and classes of Algae.            |      |
| prevention...23578,23588   |      | Washington.....19928   |      | Portugal....24589,24613   |      | Algarroba. See Mesquite.                                     |      |
| See also Safety.   |      | Agricultural Credit Act...20503  |      | postwar....20485,24754  |      | n-Aliphatic acids....24561                                   |      |
| Accounting.....24820   |      | Agricultural economics. See Economics.                                       |      | Australia.....24747   |      | Allergies. See Plants, allergy-producing.                    |      |
| bibliographies..19917-18   |      | Agricultural Extension. See Extension Work.                                  |      | bibliographies..20025,20609   |      | Allium. See Onions.  |      |
| See also Budgets; and under specific subjects.   |      | Agricultural history. See History.   |      | Canada.....24752  |      | Allium fistulosum. See Onion, Welsh.                         |      |
| Acer palmatum. See Maple, Japanese.  |      | Agricultural products.....20191  |      | Puerto Rico..24596,24730  |      | Allium odorum. See Onion, fragrant.                          |      |
| Acetonemia   |      | Africa.....20508   |      | regulation  |      | Almonds, pests.....23478                                     |      |
| in cattle.....22411  |      | Argentina.....24709  |      | Argentina.....20505   |      | Alpine plants.21369,21413,21415,21459,21484,21486,21503      |      |
| in goats.....22837   |      | Asia.....20480   |      | Rhode Island.....24738  |      | Alternaria solani. See Early blight, of tomato.              |      |
| Achnanthes.....20739   |      | Australia...23903,24575,25013  |      | situation and outlook...24677-8,24687,24690,24692,24722,24725,24733,24746                           |      | Alum   |      |
| Acids.....21964  |      | Brazil.....24530   |      | Southwestern States.....20608   |      | therapeutic use....22419                                     |      |
| in plants.....24393  |      | Portugal.....24589   |      | Spain.24345,24681,24726,24740   |      | Amaryllis.....21536  |      |
| See also names of acids.   |      | situation and outlook...19960  |      | Sweden.....24640  |      | Amathes ashworthii...23492                                   |      |
| Acrididae  |      | Southwestern States.....20608  |      | Taiwan.....24579  |      | Amblyomma americanum.23123                                   |      |
| Canada, Alberta....23532   |      | Sweden.....23911   |      | Tunisia.....24612   |      | American Barge Line Corp..20225                              |      |
| See also Grasshoppers and locusts; and names of families and genera.   |      | utilization.....20537  |      | Union of South Africa..Cape of Good Hope....24606   |      | American cockroach. See Periplaneta americana.               |      |
| Actinomyces, in cattle therapy.....22417   |      | industrial.....24709   |      | U. S. S. R...24706,25236  |      | American Farm Bur. Fed....25002                              |      |
| Acumulus n. g.....23362  |      | See also Raw materials; and specific subjects.                               |      | Krasnodar Region.20606  |      | See also names of farm bureaus.                              |      |
| Adhesives. See Glue.   |      | Agriculture...24577,24715,24741  |      | Uruguay.....24679,24694,24718-19  |      | American Forestry Assoc. Forest Resource Appraisal.....22037 |      |
| Adrianol.....22557   |      | Africa.....20508   |      | Venezuela.....25208   |      | American Kennel Club.22523                                   |      |
| Advertising. See subhead marketing under names of commodities.   |      | Arabia.....24737   |      | See also Agronomy; Corporate organization of agriculture; Farms and farming; and specific subjects. |      | American Oil Chem. Soc. Soybean Analysis Com....24426        |      |
| Aecidium evansii....20743  |      | Argentina...24709,24727  |      | Agilus hyperici.....22989   |      | Amicroplis collaris..23441                                   |      |
| Aedes, and disease...23341   |      | Arkansas.....20371   |      | Agronomy  |      | Amino acids....25085,25164                                   |      |
| Aedes aegypti and disease.....23350  |      | as an occupation...24688   |      | Italy.....20611   |      | in human nutrition.25156                                     |      |
| larvae.....23328   |      | Australia...24620,24686,24947  |      | See also Fertilizers; Field crops; Soils.   |      | in poultry nutrition...22642                                 |      |
| Aedes atropalpus rearing and breeding....23348   |      | Belgian Congo.....20647  |      | Agrotis segetum, parasites and predators of...23441   |      | utilization.....25086  |      |
| Aedes geoskusea.....22906  |      | bibliographies.....20621   |      | Airplanes   |      | See also names of amino acids.                               |      |
| Aedes pulchritarsis..23342   |      | Brazil.....20506   |      | and pests.....22995   |      | Ammonia, effect on plants.....20263                          |      |
| Aedes scutellaris horrescens.....22906   |      | Canada.....24697   |      | and plant disease..22995  |      | sheepskins.....24101   |      |
| Aedes simpsoni.....23330   |      | China.....20071  |      | in agriculture....23816   |      | soils.....20264  |      |
| Aedomyia cataracta...22906   |      | Colombia.....24741   |      | in forestry.....20078   |      | Ammonium carbonate insecticides.....23200                    |      |
| Aegyptianella pullorum....23098  |      | Cuba.....24723   |      | plywood.....22139   |      | Ammonium sulfate fertilizers.....21753                       |      |
| Aerosols.....22992   |      | Eire.....24721   |      | transportation...23818,23827,24146  |      | Amphigerontia birabeni n. sp.....23561                       |      |
| Afforestation. See Reforestation.  |      | Europe.....20484,24600,24685,24710   |      | wood.....22138  |      | Amylase.....23988,24243                                      |      |
| African Vet. Training Centre, Sangalo, No. Kavirondo.....22448   |      | France.....24695   |      | See also Dusts and dusting, by airplane; Sprays and spraying, by airplane.                          |      | Anaplasmosis in cattle.....22414                             |      |
| Agabus.....23184   |      | French Colonies...24731  |      | Akademiia Nauk, S. S. S. R.....20614,25217  |      | Anasa tristis.....23406                                      |      |
|  |      | Germany...24680,24682-4,24705  |      | Alcohol   |      | control.....23363  |      |
|  |      | Schleswig-Holstein...24720   |      | from sugar.....24514  |      |  |      |
|  |      | Great Britain.....20475,24593,24698,24708                                    |      | from wood.....22107   |      |  |      |
|  |      | England.....20613  |      | industrial.....23918  |      |  |      |
|  |      | Scotland...24728,24734   |      | manufacture.....24556   |      |  |      |
|  |      | Guatemala.....24699  |      |   |      |  |      |



Item	Item	Item	Item
Anethules n. n.....23434	Ants--Continued.	Apis mellifera--Continued.	Ark. Agr. Expt. Sta.
Ancistrocerus catskill-	habits and behavior.....	venom.....23442	Cotton Branch.....21123
lensis.....23445	23437, 23448	See also Apiculture;	Armed forces
Anemia.....25163	See also Formicidae;	Beeswax; Honey; Pollen,	farming.....24810
in horses.....22563	and names of families	as feed for bees.	food.....25049
Anemia, infectious	and genera.	Apple box (plant) of	See also Equipment,
in horses	Anuraphis tulipae....23373	Victoria. See Eucalyptus	military; Land, mili-
diagnosis.....22560	Aonidiella aurantii..23374	stuartiana.	tary; U. S. Army; Vete-
Anesthesia.....22256	control.....23384	Apple maggot. See	rans; Veterinary medi-
Aneurin. See Thiamine;	Apanteles carpatus...23449	Rhagoletis pomonella.	cine; and under
Vitamin B; Vitamin B1.	Apelma fijiensis n. sp....	Apples	specific subjects.
Angelica archangelica.....	23265	anatomy and physiology..	Armyworms. See Cutworms.
21400	Aphids	20909	Aromatics. See Flavoring.
Angiospermae...20914, 20929	and plant disease.20262,	Australia.....24163	Arrenurus.....23115, 23117
Angus Cattle Co. of Colo..	20873	Canada .....24148, 24171,	Washington (State).....
22316	See also Chermes	24177, 24199	23110
Animal industry	abietis.	costs and returns..24838	Arsenic
research.....24344	Aphis.....20459	diseases.....20753, 20755,	insecticides.....23137
study and teaching.22295	Aphis gossypii.23354, 23411	20824, 20854, 21005	toxicity.....22396
Animals. See Livestock;	Aphis viburni.....23375	control.....20859	Arsenicals
Wildlife; names of ani-	Apiculture.....19903, 23061	freezing.....19941	insecticides.....23148
mals; and anatomical	apiary management.23062,	fruit set.....20765	Artemisia. See Wormwood.
parts, parasites, and	23084	harvesting..20463, 21295,	Arthropods
products.	associations.23012, 23034	21311, 24219	and disease.....22925
Anisandrus dispar....23153	Australia.....23031	industry.....24172	See also classes, orders
Anatto.....21645, 23982	beginners...23041, 23048,	injuries.....20795	families, and genera.
Anopheles.....23323	23061	juice and sirup...24231	Artichokes.....21573
and disease.23326, 23341,	Canada.....23024	frozen.....24214	pests.....23168, 23191
23345, 23347	colony management.23070,	New England.....24162	Artificial insemination
breeding places...23229,	23081, 23083-4, 23089,	pests.23140, 23185, 23353,	cattle.....20383, 20434,
23317, 23344	23091, 23095	23378, 23470	22303, 22323, 22326, 22345
control.....23316	drones.....23078	preharvest drop...21293	cooperatives....22338,
Melanesia.....23333	queens.....23069, 23077,	preservation.....19941	22357
Anopheles farauti....23322	23082, 23085-6,	propagation.....21306	Italian East Africa.....
Anopheles koliensis n. sp.	23088, 23093-4	pruning.....21302	22342
23338	quieting.....23076	quality.....24199	sheep.....22807
Anopheles pharoensis.23346	removing honey...23079	spraying and dusting....	U. S. S. R.....20550
Anopheles pseudopuncti-	seasonal..23024, 23071,	20858, 22945, 23509	Artocarpus. See Bread-
pennis, Ecuador.....23334	23073-4, 23078, 23080,	storage.....23762, 24217,	fruit; Jackfruit.
Anopheles punctulatus	23087, 23090, 23092	24219, 24241	Asclepiadaceae.20596, 20720
farauti.....22906	swarming..23039, 23075,	Switzerland.....24179	Ascorbic acid.....25122
Anopheles quadrimaculatus	23096	varieties...21298, 21310,	and health.....25124
control.....23331, 23340	transferring...23068,	21312	in fruit.....20248, 20257
larvae.....23328	23072	Washington (State).....	in human nutrition.25114
Anopheles solomonis n. sp.	equipment, hives...23063	24150, 24172	in milk.....25102
23312	Great Britain.....23008	yields.....24150	in vegetables.....20247
Anophelini	history.....23057	Aquatic insects.....23156	stability...25098, 25126
Australasian Region.....	India.23026, 23042, 23047,	Aquatic plants.21449, 21493	See also Vitamin C.
23332	23053, 23071	Arabian tea.....21667	Ashes
genetics.....23321	Mexico.....23032	Arachin.....24414	analysis and composition
New Hebrides.....23312	migratory.....23046	Arachnida	21953
Solomon Islands.....23312	New Zealand.....23008	hibernation.....22911	fertilizers..21942, 21950
Anoxia villosa.....23202	Northern Ireland...23045	See also common group	Asparagus
Anthemintics..22278, 22838	scale colonies.....23018	names; and names of	diseases.....23151
See also names of	situation and outlook...	orders, families, and	pests.....23151
anthelmintics.	19953	genera.	Asparagus beetle. See
Anthidiinae, Africa..23435	study and teaching.23009	Araneida. See Spiders.	Crioceris asparagi.
Anthidium sudanicum n. sp.	Union of South Africa...	Araneus chiaramontei n.	Asphondylia bidens n. sp..
23435	23008, 23059	sp.....23101	23255
Anthonomus grandis	U. S. S. R...23013, 23036	Archips fumiferana	Aspidiotus perniciosus....
control.....20246, 23166	See also Apis mellifera;	control.....20002, 23469	23390
Anthonomus pomorum..23140,	Beeswax; Honey; Veter-	Area of production. See	control.....23355
23185	ans, apiculture.	Agriculture; and under	France.....23392
Anthophora stanfordiana...	Apiculturists.....23050	specific subjects.	Asplenium.....20726
23264	Apion damryi.....23191	Argas miniatus	Assessment.....20293
Anthraxnose	Apis indica...23026, 23041,	and disease.....23098	Associated Seed Growers,
of agave.....20810	23047, 23053-4	Argentina. Consejo Agrario	Inc., New Haven, Conn....
of grape.....20804	Apis mellifera.....23023	Nacional.....24857	24501
Anthrax.....22261	anatomy and physiology..	Argentina. Government	Association Forestière
history.....22261	22910, 23022	publications.....25167	Québécoise.....22163
transmission.....22280	as pollinators.....21270,	Argentina. Ministerio de	Aster.....21393
Antibiotic substances.....	23016, 23033	Agricultura.	Athyrium giganteum n. sp..
20657	breeding...23010, 23029,	Dirección de Cereales,	20724
plant sources.....20659,	23040, 23058	Lino y Forrajes...25170	Atrachaeta. See Bryophyta.
21017	diseases.23014-15, 23028,	Dirección de Lechería...24010	Atractides.....23115
Anticarsia gemmatilis.....	23043-4, 23051, 23066-7	Argidae.....23433	Atta, control.....23426
23486	habits and behavior.....	See also names of fami-	Atta sexdens rubropilosa..
Antigens and antibodies...	23017, 23037, 23049	lies and genera.	23425
22240, 23516	nutrition...23011, 23027	Argyrethia ophipella.....	Attitudes
Antioxidants.....24028	pests.....23056	23457	measurement.....24908
Ante.....23444	poisoning...23021, 23038,	Argyria sticticraspis.....	women.....25016
as pests.....23056	23060	23501	
eggs.....23427	shipping.....23058	Ariz. Agr. Expt. Sta.20258	



- Auctions.** See subhead marketing under names of commodities.
- Australia.** Bur. of Agr. Economics.....24595
- Autographa.** control..23459
- Autographa brassicae.** See *Trichoplusia ni*.
- Autotetraploidy.** See Polyploidy.
- Auxins.**.....20987
- Avitaminosis.** See subheads under Vitamins.
- Avocados.** Guadeloupe..21266
- Azalea.**.....21522
- culture.....21383
- diseases.....20861
- Asolla filiculoides.**..20727
- Bacillus bombycolides n. sp.**.....23537
- Bacillus larvae.**.....23015
- Bacillus licheniformis.**..23986
- Bacon**
- curing.....23904
- Denmark.....25029
- Fire.....24323
- trade.....25029
- Bacteria.**.....20619
- culture media.....20612, 22257
- destructive.....20164
- in insects.....23323
- legume-nodule.....21714
- nitrogen fixation..21718
- technique and equipment. 20612
- See also Soils, bacteria; names of bacteria; and under names of commodities.
- Bacterial wilt**
- of eggplant.....20870
- of tomato.....20870
- Bacteriophages.**.....23990-1, 24042
- Bacterium solanacearum**
- on eggplant.....20870
- on tomato.....20870
- Bagasse.** equipment...23655
- Bags.** paper.....24298
- Bahia grass.**.....21178
- Baits and traps**
- for insects..23473, 23549
- Bakery products**
- frozen.....23883, 23887
- Bakewell.** Robert.....25201
- Baldcypress.** wood....22093
- Balers.**.....23664
- Balsa.**.....20082
- Bamboo**.....21683
- Bananas**
- anatomy and physiology.. 20942
- diseases....20814, 20860, 20884
- dried.....23149, 25135
- India.....21271-2
- Banco Nacional de Costa Rica.**.....23846
- Bang's disease.** See Brucellosis.
- Banks.** Sir Joseph....25192
- Banks and banking.**....25032
- credit.....24633
- Morocco.....24627
- See also Credit.
- Barberry.** control....20835
- Barley**
- anatomy and physiology.. 20997
- Barley--Continued.**
- biochemistry.....20593, 20997, 21016
- culture.....21066
- France.....21068
- India.....21062
- Sweden.....21078
- varieties...21082, 21092, 21098
- Barns.**.....23725, 23729, 23755
- dairy.....23744, 23746
- designs and specifications.....23721
- equipment.....23718
- sanitation.....22298
- See also Milking barns.
- Barrels.**.....22127-8
- Basil.** camphor.....20168
- Bats.**.....22233
- parasites.....23297
- Beams.** box.....20098
- Beans**
- blanching.....25098
- cooking.....25098
- diseases.....20874
- dried..19964, 20148, 25098
- fertilizers.....21959
- New Zealand.....21589
- nutritive value...25098, 25123
- pests.....23369, 23459
- storage.....25098
- vitamins.....25098
- See also Broadbeans; Soybeans.
- Beans.** lima
- anatomy and physiology.. 20973
- pests....23458
- Beans.** mung....20923, 21600
- Beans.** pinto.....20302
- Beech.**.....21032, 21046
- Beef**
- extracts.....25090
- frozen.....24349
- grading and standardization.....24362
- quality.....24362
- situation and outlook... 24338
- Beer.**.....25116
- Bees.** See Apiculture; Apis; and names of families and genera.
- Beeswax.**.....23095
- Australia.....23903
- utilization.....23020
- Beet leafhopper.** See *Eutettix tenellus*.
- Beetles.** See Coleoptera.
- Beets**
- anatomy and physiology.. 21012
- as feed, for lambs..22370
- Germany.....21599
- pests.....23201, 23482
- varieties.....21012
- See also Silage, beet; Sugar beets.
- Begonia.**.....20679
- varieties.....21374
- Behuria.**.....20680
- Belladonna.**.....21661
- Benzene hexachloride.**
- gamma. See 1,2,3,4,5,6 Hexachlorocyclohexane.
- Benzol test.....24134
- Bermuda grass**
- as feed.....22185
- Berries**
- drying.....24267
- Northern Ireland...21330
- Berries--Continued.**
- varieties....21320, 21343
- See also names of berries.
- Berseem.** See Clover, Egyptian.
- Betula lutea.** See Birch, yellow.
- Beverages.**.....23805
- Costa Rica.....20535
- See also Brewing; and names of beverages.
- Bibliographies**
- accounting.....19917-18
- agriculture.....20621
- black spruce.....20097
- cattle lactation...22430
- cattle reproduction.... 22430
- economics.....19949
- education.....20478
- farming.....20474
- food.....20237
- Government publications Argentina.....25167
- home management...20237, 20393
- horticultural organizations 20123-4
- human nutrition....20237
- Latin America.....25185
- migratory labor....20487
- motion pictures....20121
- postwar agriculture.... 20025, 20609
- reconstruction....20609
- training of horses..19977
- U. S. Tenn. Valley Authority.....20624
- veterans.....20609
- wood.....20106
- wood seasoning....20099
- See also subhead publications under names of authors and issuing agencies.
- Big bud.** of tomato...20881
- Bignonia venusta.** See *Pyrostegia venusta*.
- Bignoniaceae.**.....20688
- Bindweed.** control....21638
- Biochemistry.** See under specific subjects.
- Biographies.** See under names of persons.
- Biological control**
- of insects..22983, 23222, 23364, 23401, 23468
- of weeds.....22989
- Biology.**.....20622, 25188
- technique and equipment. 20643
- Biometry.** See subhead statistical methods under
- Botany; Entomology.**
- Birch**
- anatomy and physiology.. 20992
- Birch.** yellow
- anatomy and physiology.. 21047
- Birds**
- as pests.....20780
- insect food.....23533
- poisoning.....23148
- See also names of birds.
- Bixa orellana.** See Annatto-tree.
- Black flour beetle.** See *Tribolium madens*.
- Black markets.**..24356, 24476
- Black scale.** See *Saissetia oleae*.
- Black spot.** of apple. See Scab, of apple.
- Blackberries**
- cooperatives.....24188
- diseases.....20771
- Blackhead**
- in turkeys...22673, 22683
- Blackleg**
- in cattle.....22831
- in sheep.....22831
- of potato.....20867
- Blake.** Sir Henry.....25177
- Blattella germanica**
- control.....23518, 23521
- Bleaching.** See under specific subjects.
- Blight.** of potato....20848
- Blissus hirtus.**.....23367-8
- Blissus leucopterus.**..22959, 23406
- Blister rust**
- of white pine...19996-7, 20006, 20808
- Bloat**
- in cattle.....22389
- in sheep.....22827
- Blood**
- of poultry.....22630
- tests.....22891
- transfusion
- in livestock....22227
- Blood bank.** See Blood, transfusion.
- Blue-comb disease.** See Pullet disease.
- Blue mold.** of tobacco. See Downy mildew, of tobacco.
- Blueberries**
- breeding.....19971
- diseases.....20871
- Blueberry maggot.** See *Rhagoletis pomonella*.
- Bluegrass.** Kentucky
- as feed.....22629
- Boars.**.....22858, 22860
- Body louse.** See *Pediculus humanus corporis*.
- Boehmeria nivea.** See Ramie.
- Boletaceae.**.....20748
- Boll weevil.** See *Anthonomus grandis*.
- Bombay Plan.**.....24693
- Bombay Prov. Co-op. Mktg. Soc., Ltd.**.....25005
- Bombyx mori.**.....23535
- development.....23540
- diseases.....23537-8
- See also Sericulture.
- Bones.** fractures....22519
- Bookkeeping.** See Accounting.
- Boophilus annulatus decoloratus.**.....23137
- Boophilus annulatus microplus.**.....23103
- Borden Dairy Delivery Co.** 24234
- Boric acid**
- insecticides.....23518
- Boron**
- effect on plants..21012, 21026
- in plants.....21021
- Botanic gardens.** See names of botanic gardens.
- Botanists.**.....20630
- See also names of botanists.
- Botany.**.....20594, 25238
- collections and collecting.....20725



- Item**  
**Botany--Continued.**  
 nomenclature.....20650  
 statistical methods.....  
 20648, 20654, 20661  
 technique and equipment.  
 20641, 20645, 20651,  
 20660, 20663, 21000  
 terminology.....20672  
See also Flora; Plants;  
Vegetation.  
**Botflies. See Gaster-**  
**ophilus.**  
**Botrychium lanuginosum....**  
 20723  
**Bottles. See Milk,**  
**containers.**  
**Boxes**  
 fiberboard.....22146  
 paper.....22142  
 paperboard.....22142  
**Boykinia jamesi.....21462**  
**Brachiaria ramosa.....20700**  
**Bradicot. See Braxy.**  
**Branding. See subhead**  
**identification under**  
**names of animals.**  
**Brassica, pests.....23476**  
**Brassica juncea var.**  
**lineasifolia.....21010**  
**Braxy, in sheep.....22839**  
**Bread**  
 analysis and composition  
 24284  
 cookery.....24270  
 fortified....25053, 25113  
 history.....25060  
 nutritive value...25088,  
 25093, 25110  
 quality.....25059  
 whole-grain.....25113  
**Breadfruit.....21660**  
**Breakfast foods.....24296**  
**Breslau bacillus. See**  
**Salmonella enteritidis.**  
**Brevicoryne brassicae.....**  
 23358, 23387  
**Brewing**  
 industry.....20139  
 research.....23916  
**Brick.....23784**  
**Brining. See Preservation**  
**of food; and subheads**  
**preservation, salted, and**  
**saltng under names of**  
**products.**  
**British Beekeepers Assoc.:.**  
 23012  
**British Museum (Nat.**  
**Hist.).....23147**  
**Broadbeans.....20934**  
 anatomy and physiology..  
 21006  
**Broccoli, culture....21747**  
**Broilers. See subheads**  
**dressed and meat pro-**  
**duction under Poultry.**  
**Brome....20940, 21020, 21126**  
 hybrids.....20941  
**Brome, rescue.....20350**  
**Bromus. See Brome.**  
**Bromus catharticus. See**  
**Brome, rescue.**  
**Brooders.....20245**  
**Broom millet. See**  
**Broomcorn.**  
**Broomcorn.....21085**  
**Brown, Thomas.....23147**  
**Brown-tail moth. See**  
**Nygmata phaeorrhoea.**  
**Bruce, A. B., The**  
**Mendelian Theory of**  
**Heredity.....20949**
- Item**  
**Brucella abortus**  
 vaccines....22416, 22418,  
 22431  
**Brucellosis**  
 in cattle....22402, 22426  
 control.....22405  
 immunization....22398,  
 22401, 22418, 22431  
 in man.....22237  
 in swine....22882, 22887  
 Virginia.....22270  
**Bruch, Carlos.....25193**  
**Brussels sprouts.....21594**  
**Bryophyta**  
 Equatorial Africa..20734  
 Iowa.....20732  
See also Musci.  
**Buckwheat, France...21069**  
**Buddleia.....21534**  
**Budgets.....24763**  
**Buffalo-grass seed...22574**  
**Buffalo treehopper. See**  
**Ceresa bubalus.**  
**Buffaloes, India... 22440,**  
 22467, 22483  
**Building materials**  
 surpluses.....23782  
See also kinds of  
building materials.  
**Buildings....23576, 23706-7**  
 construction.....20055  
 wood.....19897, 22129  
See also Barns; Chim-  
neys; 4-H Clubs, build-  
ings; Houses; Insula-  
tion; Storage, build-  
ings; names of kinds of  
buildings; and subhead  
housing under names of  
animals.  
**Bulbs (plant)..21543, 24552**  
 as food.....25051  
 culture....21382, 21406,  
 21482, 21485, 21498, 21518  
 storage.....21442  
**Bulgur.....24275**  
**Bull, Ephraim.....21318**  
**Bullnose, in swine...22879**  
**Bulls.....22343**  
 care.....22317  
 feeding and nutrition...  
 22366  
 records and testing.....  
 22473  
**Bulls, beef**  
 records and testing.....  
 22388  
**Bulls, dairy.....22345**  
 directories.....19899  
 records and testing....  
 22314, 22324, 22354  
**Bundelkhandia n. g....23132**  
**Bur-clover.....21182**  
**Burbank, Luther.....20259**  
**Business.....24577**  
**Butchering. See**  
**Slaughtering.**  
**Butter.....23972**  
 analysis and composition  
 23992  
 Argentina.....24010  
 Canada.....23995  
 color.....24007-8  
 grading and standardi-  
 zation.....24010  
 manufacture.....23904  
 moisture determination..  
 23995  
 New Zealand.....23904  
 nutritive value....25141  
 quality.....20346  
 situation and outlook...  
 23976
- Item**  
**Butter--Continued.**  
 starters.....24023  
 vitamins....20250, 20357,  
 25108  
See also Ghee.  
**Butterfat. See Milk, fat.**  
**Butterflies.....23461**  
See also names of  
families and genera.  
**Cabbage**  
 as feed  
 for cattle.....22377  
 culture.....21598  
 diseases.....20847  
 drying.....24205  
 marketing.....24198  
 pests.....23452  
 situation and outlook...  
 20177  
 varieties....21555, 21588  
 vitamins....25106, 25118  
**Cabbage aphid. See**  
**Brevicoryne brassicae.**  
**Cabbage looper. See**  
**Trichoplusia ni.**  
**Cacao**  
 Colombia....21652, 23924,  
 23942  
 propagation.....20972  
 waste  
 as fertilizer....21981  
**Cactaceae.....20706**  
**Cactus. See names of**  
**cacti.**  
**Cadillo.....21116**  
**Caeculus pettiti....23120**  
**Cajanus indicus. See**  
**Pigeon pea.**  
**Calandra granaria. See**  
**Sitophilus granarius.**  
**Calandra oryzae. See**  
**Sitophilus oryza.**  
**Calathea lutea.....21022**  
**Calcium**  
 in animal nutrition.....  
 22820  
 in food.....25098  
 in human nutrition.25113  
 in poultry nutrition....  
 22634  
See also Lime.  
**Calcium arsenate**  
 insecticides.....23038,  
 23166, 23197, 23411  
**Calcium cyanamide....22298**  
**Calculi, urinary**  
 in dogs.....22512  
**Calcutta. Roy. Bot. Gard..**  
 20632  
**Caley pea. See Pea vine,**  
**rough.**  
**Calif. Agr. Expt. Sta.**  
 publications.....20265  
**Calif. Fruit Exch. Orange**  
**Prod. Co.....24223**  
**California red scale. See**  
**Aonidiella aurantii.**  
**Caliroa limacina....23430**  
**Calliphora erythrocephala.**  
 23254  
**Calloristus.....23132**  
**Caloneis.....20739**  
**Calosoma argentinense....**  
 23187  
**Calosoma scrutator...23144**  
**Calves and heifers**  
 feeding and nutrition...  
 20313, 22364, 22369,  
 22379, 22385  
 prices.....20127-8
- Item**  
**Calves and heifers--**  
**Continued.**  
See also Feed; and names  
of feeds and of ana-  
tomical parts, dis-  
eases, parasites, and  
products.  
**Calves and heifers, beef**  
 feeding and nutrition...  
 20349, 22388  
**Calves and heifers,**  
 dairy  
 care.....20437, 22412  
**Calymnia pyralina....23471**  
**Calyptridia.....20697**  
**Camellia.....20288**  
**Camels.....22282, 22296**  
**Campanula.....21504-5**  
**Campher oil.....20643**  
**Camps, grounds.....20103**  
**Canada. Forest Serv.**  
 Forest Products Labs....  
 22106  
**Canaries.....23124**  
**Canham, Anthony South....**  
 25197  
**Canker stain, of London**  
**planetree.....20786**  
**Cannabis sativa. See Hemp.**  
**Cannibalism. See subhead**  
**vices under Poultry and**  
**kinds of poultry; and**  
**subhead cannibalism**  
**under Insects.**  
**Canning and preserving**  
 directories.....20527  
 India..23874, 23876, 24248  
 industry.....23874  
 sanitation.....23861  
 labor.....23874  
See also Preservation of  
food; Vitamins, sta-  
bility; and subheads  
canned, canning, pres-  
ervation and for  
processing under names  
of products.  
**Canning Machinery and**  
**Supplies Assoc.....20527**  
**Cantaloups, culture..21566**  
**Capnia, Sweden.....23558**  
**Capnia atra.....23544**  
**Capnodis, Palestine..23203**  
**Caponizing. See Poultry,**  
**capons.**  
**Capsicodendron.....20931**  
**Carabidae.....22976, 23187**  
See also names of  
genera.  
**Carbohydrates**  
 in human nutrition.25117  
See also Starches;  
Sugar.  
**Carbon disulfide**  
 insecticides.....25133  
**Carcasses.....22290**  
See also under names of  
animals.  
**Carex.....20702**  
**Carnation. See Dianthus.**  
**Carnauba, wax.....24561**  
**Carolina mantis. See**  
**Stagmomantis carolina.**  
**Carotene.....25127**  
 in animal nutrition....  
 22365  
 in food.....20357  
 in vegetables.....20247  
See also Vitamin A.  
**β-Carotene.....25096**  
**Carpocapsa pomonella.....**  
 20325, 23466, 23470



Item	Item	Item	Item
<i>Carpocapsa pomonella</i> -- Continued. control.....20459,23473, 23479,23490,23496, 23507,23509 situation and outlook... 23480	Cattle--Continued. housing.....23732 identification.....22574 India..22322,22331,22465 Italian East Africa..... 22441-2 marketing.....24352 Nebraska.....24326 Nicaragua.....24341 parasites...23137,23248, 23258,23263,23278 parturition.....22395 Peru.....22437 poisoning...22396,22435 pregnancy...22387,22395, 22463,22477 prices...20127-8,24366-7 psychology.....22461 purchasing.....24359 records and resting..... 22332 reproduction bibliographies...22430 shows and sales...22447, 22455 trade.....25039,25045 twinning.....22460 Union of South Africa... 22486 Uruguay...24317,24366-7, 25039,25045 See also Artificial in- semination; Barns; Bulls; Calves and Heif- ers; Feed; 4-H Clubs, cattle; Future Farm- ers of America, cattle; Oxen; Pastures; Veter- inary medicine; and names of feeds and of anatomical parts, dis- eases, parasites, and products.	Cattle, beef--Continued. Southern States....22489 statistics.....23910 Western States....24346 See also Bulls, beef; Calves and heifers, beef. Cattle, dairy.....20547 breeds and breeding..... 20312,22305,22355 Brown Swiss.....22311 Guernsey...22325,22344, 22358,22454 Jersey....22309,22352 Normandy.....22339 care.....22469 seasonal...22373,22490 costs and returns...22454 culling.....22471 feeding and nutrition... 22360-2,22365,22375, 22382,22384,22387 pasture...22372,22374, 22376 seasonal.....22373 Germany....22445,22484, 22488 herd classification..... 22466 India.....22440 Kenya.....22448 lactation.....22406 bibliographies...22430 milk production...22445, 22451,22458,22461,22488 effect of breeding.22314,22346 feeding..20252,22380. seasonal.....20431 New Hampshire.....20312 purchasing.....22443 records and testing.... 22325,22454,22476,22491 Sweden.....22458 U. S. S. R.....22373 See also Barns, dairy; Bulls, dairy; Calves and heifers, dairy; 4-H Clubs, dairy; Milking. Cattle, dual-purpose. See subhead dual-purpose under Cattle. Cattle grubs. See Hypoderma. Cave fauna.....22907,23132 Cea pulicaris.....23429 Cecropia moth. See <i>Samia</i> cecropia. Celaenopsidae.....23129 See also names of fami- lies and genera. Celery.....24970 culture.....21608 diseases.....20261-2 Celery leaf tier. See <i>Phlyctaenia rubigalis</i> . Cellars. See Storage, cellars and pits. Census agriculture Canada.....23899 India.....20521 livestock, Italy...24383 Centro de la Industria Lechera (Argentina).23959 Cephonodes hylas....23505 Ceratitidis capitata...23269 Cercosporella carthami on safflower.....20818 Cereal products. See Breakfast foods; and names of products.	Cereals. See Grain. <i>Ceresa</i> .....23370 <i>Ceresa bubalus</i> .....23403 <i>Ceria Fabricius</i> , not <i>Scopoli</i> .....23244 <i>Cerosipha subterranea</i> .... 23366 <i>Cetoninae</i> .....20283 <i>Ceutorhynchus inaeffectatus</i> 23177 Chairs.....20405 Chalcididae Sweden.....23429 See also names of genera. Chalybion coeruleum..23119 Champagne Argentina.....23927 Changa. See <i>Scapteriscus</i> vicinus. Charcoal....22109,22131-2, 24241 as fuel.....22159 in animal nutrition..... 22184 Charcoal rot of corn.....20303 of sorghum.....20303 Cheese analysis and composition 20140 Canada.....23955 coloring.....23982 industry...23268,23965, 23968 kinds Cheddar.....25095 Cheshire.....25095 cottage.....24014 guava.....24026 Roquefort.....24036 Stilton.....25095 manufacture..23904,24037 New Zealand.....23904 nutritive value...25095 pests.....23228 starters...23990-1,24042 vitamins.....25095 Cheese skipper. See <i>Piophilidae</i> . Chemistry.....24599,25223 <i>Chenopodium quinoa</i> . See Quinoa. <i>Chermes abietis</i> .....20323 Cherries diseases....20787,20843, 20880 drying.....24267 Cherry, Bessey.....20340 Chestnuts culture.....21035 wood.....20079 Cheyletidae.....23100 See also names of genera. Chicken body louse. See <i>Menacanthus stramineus</i> . Chickens. See Chickens; Poultry. Chicks anatomy and physiology.. 22674 care.....20451 seasonal.....22717 feeding and nutrition... 20296,20451,22633, 22638-9,22652 deficiencies.....22674 Chicopee Mfg. Corp...20225 Chicory.....21639 Children care.....23590



**Children--Continued.**  
 nurseries  
 U. S. S. R.....24669  
See also Nutrition (human), children; Youth.  
 Chilean nitrate. See Potassium nitrate; Sodium Nitrate.  
 Chimeras.....20907  
 Chimneys.....23582  
 China. Natl. Agr. Res. Bur.....21112  
 Chinch bug. See Blissus leucopterus.  
 Chironomus. See Tendipes.  
 Chirotonyxus texensis n. g., n. sp.....23097  
 Chloral hydrate.....22256  
 Chloralose.....25174  
 Chlorides.....24350  
 Chlorophenols.....20094  
 Chlorophytum elytum..20918  
 Chlorosis  
   of begonia.....20976  
   of trees.....20967  
 Chlosyne saundersii..23488  
 Chokecherries.....21615  
 Cholineresterase.....22910  
 Christmas.....20398,20412  
   trees.....22121  
 Chromosomes.....20934,20940  
   insect.....23208,23223,23231,23234,23252,23261,23301,23529-31  
   plant.20641,20645,20663,20910-11,20926,20931  
   See also Genes; Meiosis; Mitosis; Polyploidy.  
 Chrysanthemum.....21495  
   breeding.....21396  
   culture.....21368,21427,21436,21500,21527  
   varieties...21387,21439,21551  
 Chrysolina.....22989  
 Chrysopa atlantica...23559  
 Church of the Brethren....20280  
 Churches.....20280  
 Cicadella viridis...23351  
 Cicurina.....23099  
 Cidaria.....23462  
 Cider.....23946  
 Cimex pilosellus  
   control.....23389  
 Cinara.....23372  
 Cinchona.....21676  
   bark.....24550  
   Belgian Congo.....21648  
 Cinchona pitayensis..20717  
 Cintractia. See Smut, of nutgrass flat-sedge.  
 Cistus.....20685  
 Citheronia.....23475  
 Citrin.....25127  
 Citronella congonha..20714  
 Citrus  
   biochemistry.....21021  
   byproducts.....24170  
   culture.....21269  
   diseases.....20750,20875,20882,20965  
   fertilizers.....21799  
   industry.....24143  
   injuries.....20788  
   juices and sirups.24181,24211,24255,25121  
   marketing....24190,24194  
   nutritive value....25137  
   pests.22975,23374,23388,23499  
   preservation.....24238

**Citrus--Continued.**  
 propagation.21261,21268,21284  
 research.....24211  
 Rio Grande Valley..24143  
 situation and outlook...24186  
 Trinidad and Tobago.....21258  
See also Insurance, citrus; and names of fruits.  
 Citrus oil.....24398  
 Clays.....21697,21706  
See also kinds of clay.  
 Clerck, C. A.....23493  
 Clidemia.....20697  
 Climate and weather..25211  
 Colombia.....24607  
   effect on  
     livestock..22320,22442  
     plants....20317,20968,21209,21325  
     soils.....21692  
     trees.....21445  
 Libya.....24592  
 Norway.....20072  
 South America.....25210  
See also Drought; Frost; Hail; Humidity; Hurricanes; Meteorology; Precipitation; Temperature; and subhead injuries under specific subjects.  
 Clinton, George Perkins...25200  
 Clostridium leptinotarsae n. sp.....23150  
 Clostridium perfringens...22403  
See also Mastitis.  
 Clothing  
   made-over.....19900  
   Southwestern States....20608  
See also 4-H Clubs, clothing; Sewing.  
 Clover.....21129  
   diseases.....20885  
See also Bur-clover; Sweetclover; Tick clover.  
 Clover, crimson.....21184  
 Clover, Egyptian.....21146  
 Clover, Hubam.....21760  
 Clover, red...21058,21132,21721  
   seed.....19581,21124  
 Clover, white.....21058  
 Clover hay.....22382  
 Clubiona.....23099  
 Clubroot.....20822  
 Clubs  
   youth.....20400  
See also Discussion groups; 4-H Clubs; names of organizations; and subhead associations under specific subjects.  
 Clysia ambiguella...23456,23465,23489,23494  
 Clytostoma cuneatum n. sp.20688  
 Cnepharia incertana..23474  
 Cobalt.....20306  
   in animal nutrition....22200  
   in plants.....20994  
 Coccidae  
   control.....20459,23361  
 Fiji.....23382

**Coccidae--Continued.**  
 Italy.....23379  
See also names of genera.  
 Coccidiosis  
   in poultry.....22658  
 Coccinella septempunctata..23377  
 Coccus hesperidum...23388  
 Cochliomyia.....23235  
 Cochliomyia americana....23227  
 Cockroaches  
   anatomy and physiology..22910  
   control.....25187  
   distribution.....23527  
   history.....23527  
See also names of genera.  
 Cocks.....22617,22758  
 Cocksfoot. See Orchard-grass.  
 Coconut  
   breeding.....21659  
   diseases.....20883  
   dwarf trees.....21267  
   nutritive value....25161  
 Codling moth. See Carpocapsa pomonella.  
 Coenosia.....23286  
 Coenosinae.....23286  
 Coffea arabica. See Coffee, Arabian.  
 Coffee.....23921  
   anatomy and physiology..20986  
   Belgian Congo.....20986  
   Brazil.....23931  
   Colombia.....20519,23922  
   culture.....21664  
   diseases....20745,20887,23380  
   resistance.....20816  
   El Salvador.....25030  
   fertilizers.....21782  
   Guatemala....21653,21670  
   irrigation.....21738  
   Italian East Africa....21647,21651  
   packaging.....23939  
   pests.....23380  
   processed.....23931  
   propagation.....20972  
   soils.....21738,21744  
   trade.....25030  
   waste  
     as feed.....22212  
See also Silage, coffee pulp.  
 Coffee, Arabian.....21654  
 Coffee berry borer. See Stephanoderes hampei.  
 Colchicine, effect on plants.20955,20961,20988,20993  
 Cold (disease). See Coryza.  
 Coldframes....20424,21229,21238  
 Coleoptera...20283-4,23177  
   as pests.....23149  
 Scandinavia.....23157  
 Sweden.....23156,23163,23182-3,23186,23192,23207,23218  
See also common group names; and names of families and genera.  
 Colias eurytheme....23497  
 Colic, in horses.....22557  
 Collective farming  
   India.....24603

**Collective farming--Continued.**  
 Libya.....24592  
 Mexico.....20530  
 U. S. S. R..24669,24778,24780,24787,24794,24812,24815  
 Colletotrichum agaves.  
   See Anthracnose, of agave.  
 Colletotrichum capsici....20836  
 Colon (genus of insects).  
   See Kolon.  
 Colonization. See Land, settlement and colonization.  
 Color  
   in plants....20939,20950  
   See also Pigmentation; Pigments; and under specific subjects.  
 Colorado potato beetle.  
   See Leptinotarsa decemlineata.  
 Coloring matter, vegetable.....24182  
 Colts.....22580  
 Columbia Basin Project....20502  
 Combines.23647,23653,23663  
 Committee on Ext. Organization and Policy of the Amer. Assoc. of Land-Grant Col. and Univ.20045  
 Commodities. See Agricultural products; Raw materials; and names of commodities.  
 Commodity Credit Corp.  
   See U. S. Dept. of Agr., Commodity Credit Corp.  
 Common malaria mosquito.  
   See Anopheles quadrimaculatus.  
 Common red spiders. See Tetranychus.  
 Communities  
   Arkansas.....19957  
   Canada.....24752  
   Illinois.....20280  
   Massachusetts.....19959  
   Northern Great Plains...19945  
   surveys.....24908  
   Kansas.....24907  
See also Clubs; Discussion groups; Leadership; Recreation; Villages.  
 Compositae.....21548  
 Composts.....20591,21990,21997,21999,22928  
   effect on soils....21994  
 Germany.....22003  
   preparation.21984,21986,21993,22001,22007  
See also subhead as Fertilizer under names of products; and names of component materials.  
 Compreg.....20087  
 Compression of food. See under names of products.  
 Conarachin.....24414  
 Concentrates (feed)  
   for cattle...22380,22383  
 Condiments.....21677  
 Confectionery.....22935  
 Confederación de Asociaciones Rurales de Buenos Aires y la Pampa..24982



- Item**  
 Conferences and congresses  
 Spain.....24726  
See also names of conferences and under specific subjects.  
 Congreso Agrícola de Galicia.....24726  
 Congreso Nacional de Colonización, 1st (Uruguay).....24860  
 Coniferae.....20637  
 anatomy and physiology.. 20992  
 Conopia tipuliformis..22976  
 Conostegia.....20697  
 Conservation. See Agricultural Conserv. Program; Conservation farming; Conservation of natural resources; Soil conservation; and under specific subjects.  
 Conservation farming..... 21739, 21741, 21745, 21748  
 Nebraska.....20420  
 Ohio.....21746  
 Piedmont Area.....21913  
 programs...19921, 19923, 19925, 19927-8, 19930, 19934-5, 19940  
 social effects.....21749  
See also Contour farming; Strip cropping; Terracing.  
 Conservation of natural resources.....20604  
 Canada.....25186  
 Nevada.....20497  
 Ohio.....25173  
 Consolidated Ute Indian Reserv.....24707  
 Construction. See subhead construction under specific subjects.  
 Consumption  
 Portugal.....24589  
See also under names of commodities.  
 Containers.....23818, 23841  
 fiber.....23840, 23843  
 laminated foil....23939  
 situation and outlook... 20129  
 used, directories...20155  
See also Cushioning materials; kinds of containers; and under names of commodities.  
 Continental Can Co...24211  
 Contour farming.....20391, 20413, 21895, 21906, 21918  
 effects.....20222  
 Convolvulaceae.....20677  
 Cook, John.....21457  
 Cookery.....20568  
 large-quantity....25101  
 outdoor.....20083-4  
See also 4-H Clubs, cookery; Lunches; Nutrition (human); Vitamins, stability; and under names of foods.  
 Cooperation.....24975  
 Brazil.....24622, 25011  
 Cuba.....24994  
 Eire.....24983  
 Great Britain.....24984  
 Guatemala.....25006  
 India.....20496, 24005  
 international.....24996, 25015  
 study and teaching..24965
- Item**  
 Cooperation--Continued.  
See also Farms and farming, group.  
 Cooperative organizations.  
 20053, 20489, 24988, 24990  
 Brazil.....25012  
 California.....24987  
 Colombia.....20481  
 Costa Rica.....24980  
 finance.....24978-9, 25003  
 India.....25005  
 Louisiana.....20289  
 Ohio.....24933  
 Poland.....24981  
 postwar.....19898, 25001  
 taxation.....23608  
See also names of organizations; and subhead cooperative under Banks and banking; Credit; Markets and marketing; and subhead cooperatives under specific subjects.  
 Copaifera aromatica n. sp.....20689  
 Copper  
 effect on plants...20996  
 in animal nutrition.... 22189  
 Coprinae.....20284  
 Corchorus. See Jute.  
 Corcyra cephalonica..23483  
 nutrition..23502-3, 23506  
 Cordage.....24081  
 Corn  
 anatomy and physiology.. 20660  
 as feed  
 for cattle.....22363  
 for swine.....22870  
 Australia.....24142  
 breeding.....20947  
 Colorado.....23910  
 costs and returns..24825  
 culture.....21064, 25144  
 diseases.....20850  
 Nebraska.....20303  
 equipment...23633, 23663  
 fertilizers..21771, 21813, 21933  
 Germany.....21088  
 history.....20626, 20633, 20947, 21105  
 hybrids.....19954, 21067, 21090  
 injuries.....20301  
 labor.....24825  
 marketing....19882, 24146  
 nutritive value....25144  
 prices.....24625  
 processing.....24206  
 seed.....21058  
 South Carolina....24287  
 Southwestern States.... 20633  
 Spain.....21137  
 statistics...20518, 23910  
 storage, diseases and pests.....22917  
 utilization.....20518  
 yields.....24283, 24287  
See also Silage, corn.  
 Corn, sweet  
 culture.....21562  
 France.....21563  
 Corn earworm. See Heliothis armigera.  
 Corncrib ventilators..20407  
 Corncribs.....23758  
 Cornopteris.....20722  
 Corpora allata.....23526
- Item**  
 Corporative organization of agriculture  
 France.....24992  
 Italy.....20611  
 Portugal.....23814  
 Corrodentia.....22976  
 Argentina.....23561  
See also names of families and genera.  
 Corticacarides n. g..23117  
 Corticacarus.....23117  
 Corynebacterium rathayi on orchardgrass....20868  
 Cost and standard of living.....24571  
 Colombia.....24762  
 Great Britain.....24763  
See also Prices; Social conditions.  
 Cosymbia pendularia..23493  
 Cotton  
 Alabama.....19944  
 analysis and composition 24091  
 anatomy and physiology.. 20919-21, 20974-5  
 Argentina.....24074  
 Australia.....21118  
 Belgian Congo.....21115  
 breeding.....21117  
 building material..20055  
 care and handling..20347  
 China.....21112-13, 24095  
 conferences and congresses.....24069  
 consumption.....24661  
 cooperatives.....24127  
 costs and returns.. 24839  
 credit.....19993  
 defoliation..21111, 21123  
 equipment...20298, 20336, 23591, 23643, 23648, 23664  
 fertilizers..21784, 21786  
 fiber..20157, 20921, 24088  
 forecasting.....24119  
 futures.....24108  
 ginning.....19884, 23643  
 grading and standardization, directories.... 20130  
 Guatemala.....21121  
 harvesting..20298, 20336, 23643  
 heredity...20954, 20956-7  
 hybrids.....20920, 20955  
 India.....20974-5, 21109, 21119, 24119  
 industry.....24100  
 Canada.....24123  
 Great Britain....24077  
 labor.....24825  
 marketing.....23604  
 Mexico.....20530  
 Mississippi Delta..20135  
 pests..23166, 23371, 23411  
 postwar.....20036  
 prices.....24107  
 programs.....20036  
 purchase and sale programs.....19981  
 quality.....20255, 20347, 23604, 24094  
 research.....24071, 24076  
 roving.....24078, 24086-8  
 seed  
 testing.....24445  
 treatment.....22923  
 situation and outlook... 19948, 20200, 24085, 24096, 24127
- Item**  
 Cotton--Continued.  
 silver.....24087-8  
 Southern States....24075  
 spinning.....23648  
 statistics.....19948  
 textiles  
 deterioration....19887  
 transportation....20225  
 Uganda.....24901  
 utilization.....20145  
 varieties....19972, 20297  
 yarn...24078, 24081, 24114  
 yields.....23166  
 Cotton aphid. See Aphis gossypii.  
 Cotton boll weevil. See Anthonomus grandis.  
 Cotton-gin presses...19884  
 Cottonseed  
 analysis and composition 20131  
 grading and standardization.....20131  
 industry  
 directories.....19943  
 processing.....24402  
 utilization.....24425  
 Cottonseed flour....24419  
 Cottony cushion scale.  
See Icerya purchasi.  
 Cotyledon.....22264  
 Coumarin.....20951  
See also 3,3'-Methylenbis(4-hydroxycoumarin).  
 Counties  
 Arkansas, Poinsett..23787  
 Georgia, Catoosa...24793  
 Illinois, Piatt....21975  
 Kansas, Ellis.....24907  
 Kentucky, Calloway..20167  
 Minnesota  
 Carlton.....19946  
 Martin.....24618  
 Mississippi  
 Newton.....24951  
 Missouri, Linn....20176  
 Nebraska, Johnson..24020  
 North Carolina....25082  
 Buncombe.....24799  
 Cleveland.....24924  
 Tennessee, Knox..20341-3  
 Texas, Cass.....19956  
 Virginia, Russell..20173  
 Court-noug  
 of grape.....20758, 20759  
 Cover crops....21159, 21798  
 effect on soils....21815  
 orchard.....21751  
 seasonal.....21754, 21809  
See also Catch crops.  
 Cowpeas.....20348  
 India.....21157  
 Cows. See Cattle.  
 Crab louse. See Phthirus pubis.  
 Crafts. See Handicrafts; and names of crafts.  
 Cranberries  
 industry.....24158  
 situation and outlook... 24173  
 Craneflies. See Tipulidae; Tipuloidea; etc.  
 Cream, analysis and composition.....20241  
 Cream separators....23670  
 Creameries. See Milk plants.  
 Credit.....24625, 24628  
 Brazil.....24622  
 Colombia.....23922, 24629



- Credit--Continued.**  
commodity loans....19993  
India.....20496,24634  
legislation.....20503  
Mexico.....20530,24602  
Morocco.....24627  
mortgage....19955,20057,  
24631,24635  
Portugal.....23906  
Portugal.....23906  
production...19923,20052  
situation and outlook...  
24630,24636  
statistics.....23906  
See also Banks and  
banking; Government,  
aid to agriculture;  
indebtedness; and under  
names of commodities,  
industries, and Govern-  
ment agencies.  
Crematocheilini  
North America.....23196  
Creolin.....20751  
Crickets.....23519  
See also names of  
genera.  
Cricoceris asperagi..20326,  
23151  
Crocus.....21404,21414  
Crocus, saffron.....21666  
Crops  
reporting....19952,23905  
See also Agricultural  
products; Agriculture;  
Catch crops; Cover  
crops; Field crops;  
Forage plants; Govern-  
ment, aid to agricul-  
ture; Insurance, crop;  
Root crops; Rotation  
of crops; Statistics;  
names of products and  
industries; and spe-  
cific subjects.  
Crotalaria, sunn....22570,  
24079  
Crows, as pests.....25174  
Cryolite  
insecticides.....22918  
Cryptolabis.....23221  
Cryptostegia.....24485  
Cryptotermes, parasites  
and predators of....23555  
Cryptoxanthin.....25096  
Cuba. Ministerio de  
Comercio.  
Dirección de la Inspec-  
ción General.....23847  
Negociado de Control de  
Precios y Represión  
del Clandestinidadje.23847  
Cucumbers  
equipment.....23652  
harvesting.....23652  
Cucurbits, diseases..20863  
Culex.....23349  
Culex fatigans.....23343  
Culex molestus.....23327  
Culex pipiens, parasites  
and predators of....23313  
Culex tarsalis.....23318  
Culicidae  
Ethiopian Region...23349  
Mississippi.....23339  
Portugal.....23315  
Southern States....23319  
See also Mosquitoes; and  
names of genera.  
Culicini.....23324  
Culiseta annulata  
parasites and predators  
of.....23313
- Item**  
Cultivators.....23627-8  
Culture.....20476  
Culture media. See under  
Bacteria.  
Cupressocyparis leylandii.  
22052  
Curcuma amada.....21674  
Curing. See Hides and  
skins, preparation,  
curing; and subheads  
curing and preservation  
under names of products.  
Currant, black.....21331  
Currant borer. See Conopia  
tipuliformis.  
Cushioning materials.20096  
Cutworms.....20367,23485  
See also names of  
genera.  
Cyclamen.....21514  
Cycloconium, on olive.....  
20839  
Cycloconium oleaginum  
on olive.....20811  
Cydia pomonella. See  
Carvocapsa pomonella.  
Cynodon dactylon. See  
Bermuda grass.  
Cyperus rotundus. See  
Flat-sedge, nutgrass.  
Cysts, ovarian  
in horses.....22564  
Cytology. See Genetics;  
and subhead anatomy and  
physiology under names of  
animals, insects, and  
plants.  
DD mixture.....21925  
DDT.....22901,22924,22929,  
22933-4,22950,22961,  
22967,22981,22991  
analysis and composition  
22951,22956,22988  
chemistry.....22927  
equipment....20251,22992  
for mosquito control....  
23316,23331  
for pests.....23534  
of forests.....20002,  
20007,23469  
of men and animals....  
19973,20251,22920,  
22930,22985,23106,  
23124,23233,23245,  
23278-9,23304,23557,  
23565,23570  
of plants.20251,20304,  
22931,22940,22958,  
22990,23004,23118,  
23178,23361,23365,  
23383,23404,23452,  
23479  
of stored products....  
22935,22973  
history.....23007  
labeling....20180,22982  
limitations.....22978  
manufacture.....22988  
physical properties....  
22947  
situation and outlook...  
20003  
tests..20002,22943,22998  
toxicity....22939,22965,  
22988  
to bees...23021,23038,  
23060  
DN-75.....20875  
Dacus.....23439  
Dacusini.....23439  
Dacus cucurbitae....23267  
Dacus oleae....23272,23296
- Item**  
Daffodil. See Narcissus.  
Dahlia  
culture.....21463  
varieties.....21388  
Dairy herd improvement  
associations.19895,19899,  
22454  
Dairy industry  
Alabama.....23977  
Argentina....22466,23959  
Australia.....23979  
California.....24044  
costs and returns..24831  
equipment...23599,23660,  
23669  
sanitation.....23672  
farms.....22325,22449,  
23977,24809  
diversified.....22481  
management.24808,24813  
Germany.....20620  
Great Britain.....24657  
Jamaica.....25177  
labor.....24657  
Maine.....23960  
management..24663,24784,  
24801  
Minnesota.....23956  
New England.....23964  
New York (State)..23952,  
24046  
New Zealand..23967,23973  
Newfoundland.....23958  
pests.....22985,23245  
programs.....23978  
regulation and in-  
spection...24002,24016  
sanitation 23268,23676,  
24022,24039-41  
Spain.....24040  
statistics...24044,24046  
study and teaching.24017  
Union of South Africa...  
24002  
Virginia.....23966  
See also Barns, dairy;  
Cattle, dairy; 4-H  
Clubs, dairy; Milk;  
Milk plants; and names  
of dairy products.  
Dairy products  
Argentina.....23975  
Australia.....25021  
frozen.....24045  
marketing.....24002  
New Zealand.....25021  
quality.....24011  
situation and outlook...  
20531  
statistics.....24045  
trade.....25021  
See also names of dairy  
products.  
Daisy....21350,21433,21507  
Dallis grass.....21145  
Dams.....19926,21899  
construction.....20211  
Danaus chrysippus....23505  
Danaus plexippus....23477  
Daphne.....21479  
Dates  
culture.....19889,21273  
Datisca glomerata. See  
Durango root.  
Daylily. See Hemerocallis.  
Deathcamas.....21140  
Debts. See Indebtedness.  
Deer, management....20352  
Dehydration. See High-  
frequency heating, in  
food processing; and sub-  
head drying under  
specific subjects.
- Item**  
Delegación Provincial de  
Abastecimientos y  
Transportes, Valencia,  
Spain.....23826  
Delongana n. g.....23357  
Demodex.....23112  
Demonstration farms. See  
Farms and farming,  
demonstration.  
Dengue.....23239  
Derecyrta.....23434  
Dermacenter andersoni.  
See D. venustus.  
Dermacenter venustus.....  
20384,23108  
Dermaptera  
Hainan Island.....23548  
North Africa.....20561  
See also names of  
families and genera.  
Derris.....21679  
insecticides.....23308  
Desmodium. See Tickclover.  
Dextrose.....24563  
Diabetes  
in rabbits.....22790  
Diabrotica vittata...20321  
Diacetyl.....24023  
Diactor bilineatus...23399  
Diamondback moth. See  
Plutella maculipennis.  
Dianthidium sibiricum.....  
23443  
Dianthus  
varieties.....21428  
Dianthus alpinus....21379  
Diatonaceae.....20739  
Diatraea saccharalis  
parasites and predators  
of.....23222,23241  
Diatraea venosata...23467  
Dibrachys boucheanus.23449  
Dichlorodiphenyltri-  
chloroethane. See DDT.  
Didymella lycopersici.  
See Stem rot, of tomato.  
Dieback  
of citrus.....20965  
of elm.....20170  
Diet. See Nutrition  
(human), diet.  
Dieta jannoni n. sp.23101  
Diethylstilbestrol. See  
Stilbestrol.  
Dietitians.....25061,25079  
Differential grasshopper.  
See Melanoplus differ-  
entialis.  
Dimethylaminoethanol.22638  
Dinitrocyclohexylphenol.  
See DN-75.  
Dinitro-o-sec. butyl-  
phenol.....21584  
2,4-Dinitrophenylhydrazine  
24412  
Diplolepis hainanensis n.  
sp.....23548  
Diploidy. See Polyploidy.  
Dips and dipping. See  
names of insecticides;  
and under names of  
animals.  
Diptera  
France.....23250  
Hallands Väderö....23283  
nomenclature.23273,23299  
Siberia.....23294  
Sweden.....23284  
See also common group  
names; and names of  
families and genera.  
Dirofilaria immitis. See  
Heart worm.



- Item  
Discussion groups...19892,  
25017,25019  
Canada.....25018  
Diseases  
tropical.....23335  
See also Veterinary  
medicine; under Live-  
stock, Plants, and  
names of animals and  
plants; and names of  
diseases.  
Disperma. See Duosperma.  
Distemper, in dogs..22504,  
22517  
immunization.....22506  
Distribution. See Markets  
and marketing; and under  
Food; Fruit; Milk.  
Diversified farming. See  
subheads farms and farms  
and ranches under names  
of livestock.  
Dodder.....21626  
Doddridge Co. (W. Va.)  
Timber Assoc.....22015  
Dogs.....20548,22532  
anatomy and physiology..  
22510  
as predators.....20435  
breeds and breeding.....  
20551,22497,22499  
Armani.....22500  
Boxer.....22495  
Great Pyrenees...22493  
Greyhound.....22498  
Mastiff.....22503  
Setter.....22494  
Spaniel, Cocker..22496  
Terrier.....22502  
Boston.....22501  
care.....22527,22530  
diseases.....22505  
Great Britain.....22503  
history.....22503  
injuries.....22519  
parasites.....23547  
poisoning.....22508-9  
records and testing.....  
22498  
shows and sales...22496,  
22523  
surgery.....22514  
training.....22529  
war use.....22526  
working.....22533-4  
See also Feed; and  
names of feeds; 4-H  
Clubs, dogs; and names  
of anatomical parts,  
diseases, and para-  
sites.  
Dolichotarsus n. g...23226  
Dolopius marginatus..23139  
Domestic animals. See  
Livestock.  
Dormancy, in plants.21009,  
21013  
Dough.....23869  
Downy mildew  
of grape....20806,20809,  
20853  
of poppy.....20828  
of tobacco..20821,20831,  
21219  
Draba.....21440  
Dragonflies. See Odonata.  
Drainage.....20427  
Louisiana.....21876  
South Carolina...21886  
Dressmaking. See Sewing.  
Dropsy, in cattle....22411
- Item  
Drosophila.....23293,23303  
China.....23292,23300  
genetics..23223,23231-2,  
23234,23253,23260-1,  
23276,23306  
Drosophila ampelophila....  
23223-4,23231-2,23234,  
23261,23276,23291  
fertility.....23249  
habits and behavior.....  
23256  
Drosophila melangaster.  
See D. ampelophila.  
Drosophila montium.23201-2  
Drosophila pallidipennis..  
23277  
Drosophila pseudoobscura..  
23280  
Drosophila repletoides....  
23252  
Drosophila séguyi n. n....  
23295  
Drosophila subobscura.....  
23295  
Drosophila virilis.....  
23309-10  
Drought, Uruguay.....25209  
Drug plants.....21669  
Brazil.....20705  
See also names of plants.  
Drugs, analysis and com-  
position.....23805  
Dry-land farming....21826,  
21835  
Drying of food. See under  
names of commodities.  
Drying oils....24387,24397  
Drymonia chaonia....23450  
Dryopteris.....20722  
Ducks  
as pests.....20791  
breeds and breeding  
Pekin.....22611,22761  
care.....22723  
diseases.....22662  
feeding and nutrition...  
22647  
industry.....22761  
Uruguay.....22699  
Dulitcola.....23181  
Duosperma.....20686  
Durango root.....22275  
Dust. See Wind erosion.  
Dusts and dusting...22926,  
22997,23000,23159-61,  
23178  
by airplane.....23340  
See also Fungicides; In-  
secticides; names of  
dusts; and subhead  
spraying and dusting  
under specific sub-  
jects.  
Dyeing. See under specific  
subjects.  
Dystocia. See Obstetrics.  
Eacles imperialis...23477  
Early blight  
of tomato.....20308  
Earthworms.....21711  
as pests.....22940  
Earwigs. See Dermaptera.  
East Coast fever  
in cattle.....23133  
Eastern spruce gall aphid.  
See Chermes abietis.  
Ecology  
Colombia.....25169  
forest.....20904  
Australia.....20902  
Germany....20889,20895,  
20897
- Item  
Ecology--Continued.  
forest--continued.  
Switzerland.....20906  
U. S. S. R.....20899  
Siberian Regions....  
20901  
insect.....23139,23203  
plant  
Alaska Highway...20903  
Brazil.....20890,20893  
Europe; Atlantic Coast  
Region.....20905  
Great Britain  
England.....20894  
Italy.....20891  
Libya.....20888  
U. S. S. R.  
Siberian Regions....  
20898  
Yakutsk.....20900  
See also Flora; Vege-  
tation.  
Economic conditions.20472,  
20509  
Algeria.....24583  
Amazon Region.....24590  
Australia.....24575,24585  
Brazil.....24576  
Chile.....24614  
China.....24594  
Colombia.....24607  
Europe.....20484,24600  
Guatemala.....24584  
India.....24586  
Japan.....24608  
Kansas.....24907  
Latin America....20510,  
24574,24587  
Massachusetts.....19959  
Minnesota.....20625  
Mozambique.....24570  
New Mexico.....20495  
Portugal.....25235  
Puerto Rico.....24596  
Southwestern States....  
20608  
Tunisia.....24612  
Union of South Africa...  
24606  
Economic plants.....20658  
Economics  
Australia.....24595  
bibliographies....19949  
French North Africa....  
24572  
India.....20496  
postwar.....24748  
research.....24595  
Economy  
Australia.....24588  
national.....20509  
Brazil.....20506  
Germany.....20507  
Ectopothecium.....20729  
Edgecomb, Albert Edward...  
25203  
Education.....20604,24948,  
25067  
Australia.....24926  
bibliographies....20478  
India.....24923  
Nevada.....20497  
vocational agriculture..  
24917-18,24927-8,  
24930,24953-4  
Australia.....24972  
Canada.....24932,24962  
Illinois.....24935  
Indiana.....24966  
Kentucky...24943,24963  
Latin America....24587  
New Zealand.....24921  
Pennsylvania....24938
- Item  
Education--Continued.  
See also Extension work;  
Inter-American re-  
lations, education;  
Teachers; Youth, edu-  
cation and training;  
and subhead study and  
teaching under specific  
subjects.  
Helworms. See Nematodes.  
Efficiency....24654,24662,  
24671  
See also subhead work  
management under Home  
management; Labor; and  
names of industries.  
Egg-laying contests. See  
Poultry, egg production,  
laying contests.  
Eggplant.....21605  
diseases.....20870  
Eggs  
abnormalities.....20544  
analysis and composition  
20141  
breaking.....23666  
cleaning.....23651  
containers.....24465  
costs and returns..24828  
dried  
analysis and composi-  
tion.....20141  
cooking.....19879  
quality.....24473  
tests.....24473  
utilization.....24029  
drying.23666,24461,24470  
equipment...23651,23666  
frozen.....20141  
grading and standardi-  
zation....24457,24467  
hatchability.....22640,  
22669,22729  
India.....24471  
liquid.....20141  
marketing.....24452,  
24459-60,24471,24476  
preservation.24454,24462  
prices.....24469  
quality.....20337,24460  
sealing.....20337  
shells.....22618  
situation and outlook...  
20138,20531,24466,24478  
trade, Canada.....25024  
transportation...24465  
Virginia.....24481  
See also Embryos,  
chick; Poultry, hatch-  
ing; subhead egg pro-  
duction under Poultry  
and kinds of poultry;  
and subhead eggs under  
names of insects.  
Electricity  
France.....23780  
lines.....23778  
on the farm.20187,20442,  
23766,23770-1,23779  
power plants.....23777  
U. S. S. R...23770,23779  
See also Equipment,  
electric; High-frequen-  
cy heating; Mechan-  
ization; Motors; Wiring,  
electric.  
Electrification....23773-4  
extension of service....  
23778  
France.....23767-9,23775  
Guadeloupe.....23772  
Electronics. See High fre-  
quency heating; Radio.



Item	Item	Item	Item
Electrophoresis apparatus. 22252	Equipment--Continued.	Exhibits.....20162	Farmers--Continued.
Elephants.....22249	hydraulic.....23601	See also subhead shows	economic and social
Elevators.....23642, 23668	India.....20521	and sales under names	status.....20476, 20492,
grain.....20408	labor-saving.....20385	of animals and prod-	24964
Elm	maintenance and repair..	ucts.	expenditures.....24619
diseases.....20170	23592, 23598, 23612	Experiment stations. See	Greece.....24931
pests.....23145	military.....24601	names of stations.	Uganda.....24901
Elm leaf beetle. See	New Zealand.....23614	Exports. See Trade; and	Uruguay.....24915
<i>Galerucella xanthomelaena</i> .	power.....23588	subhead trade under	See also Credit; Fam-
Embryology.....20556	purchase and sale. 23613,	names of products.	lies; Income; Invest-
Embryos, plant...20913-14,	23616	Extension work.....20014,	ments; Relief and re-
20922, 20929-30	statistics.....20521	20016, 20018, 20023,	habilitation, farmers.
Emergency Powers (No. 296)	See also Mechanization;	20032, 20034, 20048,	Farmers Coop. Exch.,
Order, 1943 (Eire)..24700	Shops, farm; names of	20476, 25233	Wauneta, Nebr.....25003
Emphysema	equipment; and under	Arabia.....20476	Farmhouses
in livestock.....22225	specific subjects.	Balkan Peninsula...20476	designs and specifica-
Employment... 20031, 20192,	Eremurus.....21420	bibliographies.....20426	tions.....20044
20509, 24660-1	Ergosterol.....25160	China.....20476	remodeling.....23715
New Mexico.....20495	Ergot.....20585	Europe.....20476	Farms and farming...23576,
See also Labor; and	Eriosoma lanigerum...23353	Great Britain.....20476	25227
under Veterans.	parasites and predators	India.....20476	Argentina.....22481
Empoasca fabae	of.....23377	Latin America.....20476	as an occupation..20012,
control.....22914, 23365,	Erosion. See Raindrop	materials and methods...	20370
23369	erosion; Soil erosion;	20033, 20037	bibliographies.....20474
Empoasca strigilifera n.	Wind erosion.	Negroes.....20026, 20036	Canada.....24905
sp.....23397	<i>Erwinia nimipressuralis</i>	Pacific Islands....20476	costs and returns..20201
Empusa.....23313	n. sp.....20866	programs.....20040	Illinois.....20390
Encephalomyelitis, equine	<i>Erysiphe graminis</i> . See	South Carolina....20445	demonstration.....24793,
virus.....23341, 23381	Powdery mildew, of wheat.	Texas.....20455	24799
Engines.....23695	<i>Erysiphaceae</i> .....20833	See also U. S. Dept. of	family.....24765, 24772
See also Motors.	Essential oils.....21023,	Agr., Ext. Serv.; and	father and son....20401
Enteritis, diagnosis.22240	22123, 24415	names of extension	Georgia.....24793
Entertainments.....20412	analysis and composi-	services.	Germany.....24769, 24771
Entomologists.....22908	tion.....24412	Extension workers	Great Britain.....24790
See also names of	Great Britain.....24401	directories..20024, 20027	group.....24802
entomologists.	India.....20522	Eyes, of horses.....20543	Jamaica.....25177
Entomology.....20562	Palestine.....24411	Eyespot	layouts.....23577
Colombia.....25216	Spain.....24409	of barley.....20851	management..24779, 24792,
economic.....22984	Western Hemisphere.24408	of wheat.....20851	24795-8, 24806
statistical methods.....	Estrogens.....22664	Fabrics. See Textiles;	Germany.....24775
22948	See also names of	and subhead textiles	Great Britain...24811
study and teaching.22949	Estrogens.	under specific fibers.	Illinois.....20390
terminology.....23421	Estrus. See under names	Fall webworm. See	India.....24766
See also Insects.	of animals.	<i>Hyphantria cunea</i> .	Kentucky...20282, 24906
Entomophthora.....23313	Ethnobotany.....20633	Fallowing. See Tillage,	New Zealand.....24807
Enzymes.....20564, 21024,	North America.....20626	fallowing.	Union of South Africa.
25143, 25158	Ethyl gallate.....25102	Families	24756
animal.....22241	<i>Etiella zinckenella</i> ..23504	Canada.....24920	U. S. S. R.....24788,
insect.....22905	<i>Euastrum</i> .....20740	economic and social	24814
plant.....24245	<i>Eucalyptus</i> .....20687,	status.....20058-9	marginal, Germany..24803
See also Amylase; Cho-	20902, 21042	expenditures.....20394-5	methods.....24782
linesterase; Lipase;	Australia.....20588	finance.....20042	Germany...24804, 24819
Oxidase; Papain;	<i>Eucalyptus</i> , lemon...21023	food supply..20377, 20452	Minnesota.....19946
Peroxidase; Phospha-	<i>Eucalyptus bridgesiana</i> ...	Germany.....24961	Morocco.....24777
tase; Protease.	20682	relationships.....24964	North Central States...20474
Eolestes synthetica..23545	<i>Eucalyptus citriodora</i> .	savings.....20394-5	Pacific Islands....24810
Eothaumas n. g.....23179	See <i>Eucalyptus</i> , lemon.	sizes.....24920	part-time.....24789,
Epididymis.....22224	<i>Eucalyptus stuartiana</i> ....	See also subhead family	24800, 24946
<i>Epilachna chrysomelina</i> ...	20682	under Farms and farm-	postwar.....24751
23170	<i>Euchaetias egle</i> .....23477	ing; Nutrition (human).	Norway.....24750
<i>Epilachna similis telli-</i>	<i>Eucryphia glutinosa</i> ..21430	Famine, India.....20516,	purchase and sale.19968,
<i>ni</i> .....23176	<i>Eufrofrontina n. g</i> .....23226	24923, 25074	20374
<i>Epilachna varivestis</i> .20322	<i>Eulibia n. g</i> .....23146	Farm bureaus. See Ameri-	Argentina.....24891
control.....22918	<i>Eupatorium rebaudianum</i>	can Farm Bur. Fed. and	Portugal.....23906
<i>Epiphyllum</i> .....21488	n. sp.....20678	names of local farm	Spain.....24869
<i>Epitrix hirtipennis</i> ..23167	European corn borer. See	bureaus.	situation and outlook
Equipment.....23596, 23609,	<i>Pyrausta nubilalis</i> .	Farm Credit Admin. See	Maryland.....20292
23618, 23621, 23693	European earwig. See	U. S. Dept. of Agr.,	size.....19952, 24841
cooperatives.....23608	<i>Forficula auricularia</i> .	Farm Credit Admin.	Minnesota.....24618
costs and returns..23603	<i>Eurytoma</i> .....23419	Farm Credit Bd. of	small-scale.....24820
credit.....20189, 24632	<i>Eusimulium dacotense</i> .23275	Springfield, Mass...24628	Mexico.....24602
depreciation.....23626	<i>Eutettix tenellus</i> ....23360	Farm fishponds. See Fish-	Southern States....20012
directories.....19943	<i>Euzerconidae</i> .....23129	ponds, farm.	Spain.....24768, 24770
electric.20186, 20189-90,	See also names of fami-	Farm Radio Forum....25019	subsistence.....24783
20354, 23620	lies and genera.	Farm Security Admin. See	supplies.....23621
maintenance and re-	Evergreens....20414, 20719,	U. S. Dept. of Agr.,	Tennessee Valley...21891
pair.....20441	21483	Farm Security Admin.	types.....20502, 24781
France.....23594, 23619	Evolution, insect....23545	Farmers.....20498	Arkansas.....20375
household, maintenance	<i>Exanthema, vesicular</i>	Africa.....24936	Colombia.....24607
and repair.....20469	in swine.....19891	characteristics....24931	Union of South Africa.
			24774



- Item**  
Farms and farming--Continued.  
Union of South Africa... 24791, 24818  
U. S. S. R. .... 24812  
Uruguay. .... 24805  
Utah. .... 20353  
See also Agriculture; Assessment; Collective farming; Conservation farming; Contour farming; Cooperation; Dry-land farming; Irrigation; Land, tenure; Mechanization; Pastures; Shops, farm; State farms; Truck farming; and names of products.  
Father and son agreements. See Farms and farming, father and son.  
Fats. See Oils and fats.  
Fatty acids. .... 24387  
Fauna. See Aquatic insects; Cave fauna.  
Federal Barge Lines. .... 20227  
Federal Seed Act. .... 20146, 24497  
Federazione Internazionale di Olivicoltura. .... 24433  
Feed. .... 24948  
analysis and composition. .... 23805  
as cause of disease. .... 22263  
Colorado. .... 22367  
cooked. .... 22386  
costs and returns. .... 24840  
Europe. .... 23792  
formulas. .... 22197, 22552  
Germany. .... 24051  
green, for swine. .... 22876  
industry. .... 22268, 24056  
marketing. .... 24049, 24057  
nutritive value. .... 22196  
prices. .... 24052  
programs. .... 24822  
regulation and inspection. .... 20286, 20316, 24061-2  
relation to, livestock production. .... 22190  
situation and outlook. .... 20389, 20429, 24048, 24050, 24053-4, 24058-9  
transportation. .... 24060  
Union of South Africa. .... 22203, 22869  
See also Concentrates (feed); Forage plants; Grasses; Hay; Minerals; Proteins; Roughage; Silage; Vitamins; names of feeds; and subhead feeding and nutrition under Livestock, Poultry; and names of animals.  
Feed mixers. .... 23677  
Feeders. See Self-feeders.  
Fellmongering. See Hides and skins.  
Fence posts. .... 20409, 23575  
Fences  
electric. .... 23585, 23776  
Fermentation. .... 25072  
See also Bacteria; Enzymes; Yeasts; and under names of products.  
Fernald, M. L. .... 20646
- Item**  
Ferns. .... 20664  
anatomy and physiology. .... 20935-6  
See also Pteridophyta.  
Fertility. See under Population; Soils; and names of animals.  
Fertilization of plants. See Pollination.  
Fertilizers. 20603, 21766-7, 21930, 21934, 21940  
analysis and composition. .... 20285, 20314  
application. .... 21806-7, 21817, 21936  
Australia. .... 21756  
California. .... 21970  
chemistry. .... 21700  
consumption. .... 20279, 21968  
cooperatives. .... 21935  
court cases. .... 21932  
effects. .... 21822  
on plants. .... 21750, 21792, 21819, 21823  
on soils. .... 21761  
residual. .... 21785  
equipment. .... 23635  
France. .... 21965  
Germany. .... 21971, 21979, 21988  
industry. .... 21964  
Kentucky. .... 20285  
liquid. .... 21757, 21927  
organic. .... 21787, 21812, 21928, 21952, 21978, 21983, 21991, 22008  
Pennsylvania. .... 21794  
programs. .... 19923, 21937  
regulation and inspection. .... 21929, 21938-9  
requirements. .... 21772  
seasonal use. .... 21763, 21793  
sources. .... 21952, 22003  
statistics. .... 21966, 21969-70  
tests. .... 21768, 21803, 21823  
West Virginia. .... 20468  
See also Composts; Humus; Manures; Minerals; Minor elements; Pastures, fertilizers; Waste, as fertilizer; names of fertilizers and their constituent elements; and under names of plants.  
Fescue. .... 21020  
Fiber plants. See names of plants.  
Fibers. .... 24121  
animal. .... 24138  
bast. .... 20525, 24081  
casein. .... 24129  
effect of, textile auxiliaries. .... 24072  
properties. .... 24113, 24131  
research. .... 24066  
synthetic. .... 24066-7, 24100, 24115  
utilization. .... 24131  
See also Containers, fiber; and kinds of fibers.  
Field crops. .... 21048  
culture. .... 21054, 21733  
El Salvador. .... 21057  
Germany. .... 21051  
pests. .... 22922  
Uruguay. .... 21055  
See also Rotation of crops; and names of crops.
- Item**  
Figs, situation and outlook. .... 24167  
Films. .... 19901, 20011, 20160, 20478  
U. S. Dept. of Agr. .... 20120  
See also Motion pictures.  
Finance. .... 19902, 20042  
Portugal. .... 24589  
See also Banks and banking; Credit; Government, finance.  
Fir  
management. .... 22039  
Fir, silver. .... 21031, 22047  
Fires. .... 23583  
effect on  
soils. .... 21684, 21702  
vegetation. .... 21689  
prevention. .... 23574, 23586  
See also Forest fires.  
Fish  
Argentina. .... 24549  
bacteria. .... 24568  
canned. .... 24551  
dried. .... 24568  
frozen. .... 24564  
nutritive value. .... 25157  
preservation. .... 24549, 24566  
purchasing. .... 20229  
See also names of fish.  
Fish oil, vitamins. .... 25148  
Fishponds, farm  
fertilizers. .... 20202  
Flamboyant tree. See Royal poinciana.  
Flat-sedge, nutgrass. .... 21625, 21632  
diseases. .... 20819  
Flavorings. .... 23933, 23948  
Flax. .... 21120  
anatomy and physiology. .... 20996  
Chile. .... 21114, 21122  
culture. .... 21193, 24124  
diseases. .... 20760, 20838  
harvesting. .... 24093  
history. .... 24126  
injuries. .... 20776  
processing. .... 24093, 24124  
seed. .... 19929, 20776, 21110  
Uruguay. .... 21192  
varieties. .... 21189  
Flax straw  
Argentina. .... 24133  
Flea beetles. .... 23178  
See also names of genera.  
Fleas  
control. .... 22968  
on poultry. .... 23557  
See also names of families and genera.  
Flebotomus  
and disease. .... 23239  
Colombia. .... 23289  
Portugal. .... 23242, 23271  
Flebotomus panamensis. .... 23288  
Flebotomus parroti. .... 23290  
Fleischmann, Wilhelm. 20620  
Flies  
control. .... 23245, 23268, 23278, 23307  
See also Myiasis; common group names; and names of families and genera.  
Flintoft, Joseph, Mosses in the English Lake District. .... 20636
- Item**  
Floods  
control. .... 21846, 21887  
Canada. .... 21858  
U. S. S. R. .... 21874  
Kentucky. .... 21879  
Massachusetts. .... 21845  
Floors. .... 20410  
finishing. See Oils and fats, for floor finishes.  
Flora  
Aleutian Islands. .... 20597  
China, Hainan. .... 20708  
Colorado. .... 20703  
Rocky Mountain National Park. .... 20702  
Great Britain, England  
Staffordshire. .... 20690  
India  
Hyderabad. .... 20673  
Mississippi, Tishomingo State Park. .... 20681  
Scandinavia. .... 20926  
U. S. S. R. .... 20671  
Venezuela. .... 20589  
See also Ecology, plant; Vegetation.  
Fla. Forest and Park Serv. .... 22170  
Flotation sulfur paste. .... 20858  
Flour. .... 24305  
adulteration. .... 24277  
analysis and composition. .... 24284  
baking quality. .... 24270, 24278, 24281, 24285, 24290, 24304  
fortified. .... 25105  
India. .... 24277  
nutritive value. .... 25110  
packaging. .... 24298  
pests. .... 22972  
situation and outlook. .... 24293, 24306  
trade. .... 19994  
See also Mills and milling; and kinds of flour.  
Flour beetles. See Tribolium.  
Flowers. .... 21528  
arrangement. .... 21376, 21465, 21468  
Canada. .... 24554  
color and fragrance. .... 21509, 21549  
culture. .... 21472, 21510-11, 21542  
cut. .... 21360, 21381, 21453, 21523  
industry. .... 21487, 24554  
planting. .... 21497  
quarantine and inspection. .... 20004  
shows. .... 21397, 21467, 21475, 21550  
Spain. .... 24565  
varieties. .... 21410  
See also names of flowers.  
Flumes. .... 20266  
Fluorine  
determination. .... 20253  
in food. .... 20253  
in water. .... 20253  
Fly. See Flies.  
Fodder. See Feed.  
Fog generator. .... 20251  
Food  
adulteration. .... 23804



- Food--Continued.**
- analysis and composition.....20566,23805  
bacteria.....25189  
canned  
quality.....23832  
spoilage.....23885  
chemistry.....20568  
Colombia.....23789  
conservation.....20036  
consumption.....23789  
Portugal.....23809  
cooked.....23879,23890,  
23895  
distribution.....23825  
dried.....23799,23878  
Europe.....20067,20472,  
20484,23788,23790-1,  
23793,23796-7  
Far East.....20569  
fortified.....25130,25145  
frozen.....23865-6,23877,  
23880,23888,23890-3,  
23895-6,23799,25226  
marketing.....23815,  
23820,23824  
nutritive value.....25131  
packaged.....23842  
packaging.....23837  
prices.....23862  
quality.....23862  
situation and outlook.  
23859,23867  
utilization.....23860  
Germany.....24344  
grading and standardi-  
zation.....23836  
Great Britain.....23825,  
23834  
habits.....25083  
India.....20516,23800  
industry  
Italy.....23835  
sanitation.....23835  
Japan.....24608  
marketing.....23817,23822  
Mediterranean Area.....20067  
nutritive value.....20008-9,  
20181,25097  
bibliographies.....20237  
packaged.....23841  
pests.....22974  
poisoning.....23802-3  
policies  
Great Britain.....25056  
prices  
control.....23850  
Portugal.....23845  
processed, regulation  
and inspection.....20154  
processing.....23863  
Costa Rica.....20535  
production.....20073,  
23789,23796  
programs.....20036  
purchasing.....20229,23810  
rationing.....23799  
Great Britain.....23856  
raw.....25155  
regulation and inspec-  
tion.....23834  
as an occupation.....20154  
requirements.....20377  
situation and outlook...  
20194-7,20531,20534,  
23788,23794,23798,  
23801,24598,25066  
Southwestern States.....  
20608  
study and teaching.....23889  
surpluses.....19910  
technology.....23889
- Food--Continued.**
- trade.....20073,23811  
U. S. S. R.....20067  
See also Armed forces,  
food; Canning and pre-  
serving; Cookery; Fam-  
ine; Freezing of food;  
High-frequency heating,  
in food processing;  
Lend-lease; Nutrition  
(human); Pools, com-  
munity; Preservation  
of food; U. S. Army,  
food; Vitamins; and  
names of foods.  
Food and Agr. Organ. of  
the United Nations.....25178  
Food relief programs.....20193  
Foot and mouth disease  
control, Chile.....22235  
in cattle  
immunization.....22424  
in swine.....19891  
Foot rot (animal)  
in sheep.....22829  
Forage plants.....20329,21171  
analysis and composi-  
tion.....20891,20994  
anatomy and physiology..  
20994  
biochemistry.....21018-19  
Canada.....21018  
culture.....21183  
fertilizers.....21764,21821  
Germany.....21148-9,  
21163,21172  
India.....20699,22322  
Italian East Africa.....  
20693-4,21019  
Italy.....20611  
planting.....21130,  
21165,21176  
seeds.....21158,24502-3  
Trinidad.....21125  
See also Grasses, for-  
age; Legumes, forage;  
and names of plants.  
Forcipomyia fijiensis.....  
23265  
Forest fires.....22083,  
22086,22088  
control.....22084  
equipment.....20571,22085  
economic aspects.....22010  
Oregon.....22087  
Forest insects.....20560,  
23188,23444  
Sweden.....23218  
Forest pathology. See  
Trees, diseases.  
Forest products  
trade.....22023  
See also names of for-  
est products.  
Forest Service. See U. S.  
Dept. of Agr., Forest  
Serv.  
Forestry.....20572,25232  
Argentina.....22026,24727  
as a profession.....22165  
Australia.....23903  
Canada.....22063  
economic aspects.....22028  
equipment.....20115  
Europe.....22022  
France.....22020,22059  
Germany.....22046  
Italy.....22016,22024,22062  
legislation.....22031  
Europe.....22022  
France.....22032  
Paraguay.....22033
- Food--Continued.**
- Forestry--Continued.  
Minnesota.....20625  
Palestine.....22030  
policies  
Australia.....22014  
Portugal.....23906,24613  
programs, Idaho.....20277  
Rocky Mountain Region...  
22018  
statistics.....23903,23906  
study and teaching.....  
22167-70  
terminology.....22096  
See also Accidents,  
forest; 4-H Clubs,  
forestry; Future  
Farmers of Amer.,  
forestry; Silviculture.  
Forests  
Albania.....22040  
Arkansas.....22043  
Central Pacific.....20110  
Chile.....25184  
community.....22072,22162,  
22164  
conservation.....22025,  
22029,22032,22041  
Delaware.....22037  
Europe.....22036  
France.....22042,22044  
Germany.....22120  
Great Britain.....22067  
in soil conservation....  
21897  
increment and yield.....  
21038,22080  
influences.....21855,  
21867,22171-2  
Iowa.....22045  
Italian East Africa.....  
22041  
Italy.....22047  
labor.....22055  
Germany.....22056  
management.....20604,  
22057-8,22061,  
22064-6,22069-70  
Arkansas.....22087  
Canada.....22021  
France.....22039  
Germany.....22071  
Louisiana.....20287  
Maryland.....22060  
Mississippi.....20287  
Wisconsin.....22097  
mensuration.....22078-81  
Mexico.....22035  
national.....20088,20103  
Alaska.....20093  
policies.....22028  
Brazil.....22017  
protection.....20086  
regulation  
Austria.....22013  
France.....22019  
Germany.....22011-12  
Italy.....22027  
Rhine Region.....22034  
Southwest Pacific.....20110  
State.....22045  
Sweden.....21038,24640  
Taiwan.....24579  
taxation.....22009-10  
thinning.....22068  
See also Ecology, for-  
est; Forest insects;  
Reforestation; Trees;  
Wildlife; Woodlands,  
farm; and names of  
forests.  
Forficula auricularia.....  
23549
- Formalin.....22665**
- Formica pallidefulva  
schaufussi incerta.....23448  
Formicidae.....23421  
See also Ants; and names  
of genera.  
Fossil plants. See Paleo-  
botany.  
Foulbrood.....23044  
Foulbrood, American  
control, Great Britain..  
23028,23067  
transmission.....23015  
4-H Clubs.....20010,20015,  
20041,20045,24998,  
25014  
buildings.....23708  
Canada.....24977  
cattle.....22452,22459  
clothing.....20443,24997  
cookery.....20363,20465  
dairy.....20466  
dogs.....22531  
forestry.....22164  
gardens.....20403  
leadership.....20020-2  
livestock.....22295,22300  
Negroes.....20029  
poultry.....20364  
programs.....20028  
soil conservation.....21907  
sweetpotatoes.....20365  
Fowl tick. See Argas  
miniatus.  
Fowl typhoid.....19976,22653  
Foxes, parasites.....23104,  
23123  
Freezing of food.....20458,  
23879  
Canada.....23872  
cooked food.....20270  
cooperative.....20049  
costs and returns.....24827  
equipment.....23640,23646  
history.....23873  
homes.....19886,23640,23646  
industry.....23870,  
23882,23894  
preparation.....20425  
See also Locker plants;  
Refrigeration; and  
under names of prod-  
ucts.  
Freight rates.....20152,24354  
Fribourg, Switz. Univer-  
sität.....20895  
Frost  
injury to plants.....20765,  
20777,20785,20788,  
21013  
See also Hardiness, in  
plants.  
Frozen lands.....20605  
Fruit  
Argentina.....24159  
biennial bearing.....21248  
Brazil.....20524  
canning.....20116,24248  
home.....20457  
containers.....24200  
Cuba.....21262,24161  
culture.....21249,21300,  
21309,25216  
diseases.....20756,20767,  
20775,20779,  
20790,21757  
U. S. S. R.....20886  
distribution.....24195  
dried.....24204  
gas packing.....24235  
pests.....22957



	Item		Item		Item		Item
Fruit--Continued.	drying.....24236-7	Fungi	Appalachian Region.20747	Gardens and gardening--		Gnaphosa.....23131	
	dwarf trees.....21308		biochemistry.....21024		Continued.		Gnorimoschema operculella.
	equipment.....23675		entomogenous.....23313		victory.....20382,		23423,23447
	fertilizers...20299,20591		in soils.....20829,21717		21492,21571		control.....23451
	freezing.....20049,		India.....20742		<u>See also</u> Flowers; 4-H	Goats	
	20373,24210,24263		pathogenic to plants....		Clubs, gardens; Fruit;		breeds and breeding.....
	French Colonies....21260		20845		Landscape gardening;		22804,22809,22812
	fumigation.....24265		Wisconsin.....20744		Memorial plantings;		care.....22849
	Great Britain.....24187		<u>See also</u> Fungicides;		Ornamental plants;		India.....22809
	India..24153,24169,24252		Growth substances for		Rock gardens; Soilless		lactation.....22406
	industry.....24638		plants; Molds; Mush-		culture; Truck farm-		milk production....22849
	directories.....24153		rooms; and names of		ing; Vegetables.		Spain.....22848
	injuries.....20775,20780		fungi, fungicides,				<u>See also</u> Artificial in-
	juices and sirups.24180,		fungus diseases, and		Garlic.....21560		semination; Feed; Milk,
	24222		host plants.		Gas packing. <u>See under</u>		goats; and names of
	canned.....24218		Fungicides....20790,20824,		Fruit, dried; Vege-		feeds and of anatomical
	frozen.....24213		20849,23000		tables, dried.		parts, diseases, para-
	legislation.....20182		legislation.....22970		Gas producers.....22159,		sites, and products.
	marketing....20053,24187		situation and outlook...		23684,23687		
	Maryland.....24149		22993		<u>See also</u> Charcoal.	Goldenrod	
	nutritive value...25094,		tests.....20757		Gasoline.....23702		pesta.....22954
	25132,25136-7		<u>See also</u> names of fungi-		Gasterophilus.....23304		rubber.....24486
	packaged.....23844		cides.		Gazogenes. <u>See</u> Gas pro-	Gooseberries	
	pests.....20591,20767		Furniture.....20044,		ducers.		equipment.....23629
	Northern Ireland.23396		22133,22157		Geese		harvesting.....23629
	planting.....21250		<u>See also</u> kinds of		breeds and breeding.....		pruning.....21314
	pollination..20591,21270		furniture.		22604		Gophers.....20803
	Portugal.....21253		Furs, rabbit.....24379		feeding and nutrition...		Gorse, as feed
	preservation.....23675,		prices.....24370		22636		for sheep.....22821
	24252,24259,24269		Fusarium.....20817,21024		<u>See also</u> Feed; and		Gossypium. <u>See</u> Cotton.
	study and teaching....		Fusarium oxysporum f.		names of feeds and of	Government	
	24251		lini. <u>See</u> Wilt, of flax.		anatomical parts, dis-		aid to agriculture.20482
	processed....20229,24234		Future Farmers of Amer....		eases, parasites, and		Argentina.....24732
	processing...24222,24226		24943,24976,24991,24999		products.		France.....24615
	propagation..21246,21305		cattle.....22356,22459		Genes		corporations.....20623
	pruning.....20591		forestry.....22170		insect.....23232,23260		finance.....19951,24620
	quarantine and inspec-		livestock...22295,22301		plant.....20954		grants-in-aid.....20482
	tion.....20004		swine.....22892		Genetics.....25190		local
	seeds.....21285		Futures trading.....19995		insect.....22903,23306		China.....24578
	shows and sales...21226		<u>See also</u> subhead fu-		plant.....20944,21030		Colombia.....24607
	situation and outlook...		tures <u>under</u> names of		<u>See also</u> Chromosomes;		<u>See also</u> Credit; Fami-
	20531		commodities.		Genes; Mutation; and		lies, Government aid;
	soils..20591,21890,21919				subheads genetics and		Policies and programs;
	Spain.....25023		Galerucella xanthomelaena.		heredity <u>under</u> names		Postwar planning; Sub-
	spraying and dusting...		23145		of animals, insects,		sidies; and names of
	20269,20591,21301,		Galesus.....23428		and plants.		commodities and Govern-
	22994,23003		Gall insects.....23225		Gentian.....21450		ment agencies.
	storage.....24246		<u>See also</u> names of fami-		Geography, Libya.....24592		Grading and standardiza-
	Switzerland..21252,24165		lies and genera.		Geotrupes pyrenaeus		tion. <u>See</u> Labeling; and
	trade.....20069,25023		Gall sickness. <u>See</u>		splendens lombardii n.		<u>under</u> names of products.
	transportation.....20147		Anaplasmosis.		ab.....23165		Graft-hybrids. <u>See</u>
	tropical and subtropi-		Game, cookery.....20563		Gerber test.....23993		Chimeras.
	cal.....21260		Gamma rays		Gerbera jamesoni.....20307		Grafting. <u>See</u> subhead
	utilization.....24035		effect on plants...20990		German cockroach. <u>See</u>		propagation <u>under</u> Fruit;
	varieties....21247,21255		Gammexane. <u>See</u> 1,2,3,4,5,6		Blattella germanica.		Plants; and names of
	<u>See also</u> Orchard manage-		Hexachlorocyclohexane.		Germanium, effect on		plants.
	ment; and names of		Gape worm. <u>See</u> Syngamus		animals.....25191		Grain
	fruits.		trachea.		plants.....25191		Argentina.....24310
	Fruit, small. <u>See</u> Berries;		Garbage, as feed		Ghee.....23983,24005		as cause of disease.....
	Grapes.		for poultry.....22633		Ginseng.....21657		22231
	Fruit Prod. Labs.,		Garden pools.....21353		Gladolus.....21550,24552		as feed.....24055
	Lyallpur, India.....24259		Gardenia.....21429		varieties.....21366,		for poultry.....22643,
	Frullania cucullata..20730		Gardens and gardening.....		21397,21442		22652
	Frullania riojaneirensis..		21227,25234		Glands, of insects...23204		situation and outlook.
	20731		as an occupation...21230		Glaucanite.....21943		19933
	Frustulia rhomboides var.		Australia.....20601		Globe Milling Co.....24276		breeding.....21100
	saxonica.....20892		Florida.....21241		Gloeosporium fructigena.		Canada.....24295,25221
	Fuchsia.....21540		Germany.....21228,		<u>See</u> Glomerella cingulata.		chemistry.....24295
	Fuel oils.....23705,23769		21240,21596		Glomerella cingulata		cooperatives.....24290
	Fuels		Great Britain.....20576		on cherry.....20843		culture.....21618
	sources....23660,23668-9		Mexico.....21467		Glorybind. <u>See</u> Bindweed.		diseases....20764,20826
	<u>See also</u> names of fuels.		pests..20369,22938,22987		Glossina		control.....20782
	Fumigation		school and community....		and disease..23262,23298		Delaware.....20778
	technique and equipment.		21239		control.....23279		Kansas.....20772,20783
	22932,22964		seasonal.....21754		Gloxinia. <u>See</u> Sinningia.		Kentucky.....20773
	tests.....22948		soils.....21722		Glucides.....21020		Maryland.....20778
	<u>See also</u> Soils, sanita-		Spain.....21358		Glucose		Minnesota.....20796
	tion; names of funi-		spraying and dusting....		therapeutic use....22223		Nebraska.....20792
	gants; and <u>under</u> spe-		22960		Glue.....22138		South Dakota....20760,
	cific subjects.				Gluten.....20393,24309		20796
					Glycerides.....24416-17		Wisconsin.....20768
					Glycyphagus destructor...		equipment.....23650
					23134		



- Grain--Continued.**
- Europe.....23792  
fertilizers.....20439,  
21759, 21764  
France.....21061  
fumigation.....25133  
Germany.....24506  
harvesting.....23650  
injuries.....20754, 20791  
Italian Africa.....21106  
Italy.....20611  
marketing.....24290  
pests.....20368, 23155,  
23385, 23400, 25133  
prices.....24055  
regulation and inspec-  
tion.....24302  
seeds.....21059, 24492  
treatment..21086, 24506  
situation and outlook...  
24311  
storage.....24506  
diseases and pests....  
22921, 22949, 22986  
storage committees  
directories.....20533  
Sweden.....21059-60  
transportation.....24310  
U. S. S. R...21104, 24670  
varieties....21077, 21096  
vitamins.....25133  
waste, as feed.....22646  
See also Elevators,  
grain; Granaries; Mills  
and milling; Stacks;  
and names of grains.
- Grain elevators. See  
Elevators, grain.
- Grain products. See  
Breakfast foods.
- Granadilla, purple  
juice and sirup....24254
- Granaries.....23756  
See also Elevators,  
grain.
- Granary weevil. See  
Sitophilus granarius.
- Grape phylloxera. See  
Phylloxera vitifoliae.
- Grapefruit  
anatomy and physiology..  
20985  
biochemistry.....20257  
fertilizers.....20256  
industry.....20517  
regulation and inspec-  
tion.....19998  
storage.....24262
- Grapes**
- Argentina.....23947  
Australia.....21333,  
21336, 21345  
culture.....20579,  
20600, 25237  
diseases..20758-9, 20766,  
20804-6, 20809, 20813,  
20827, 20837, 20840-1,  
20852-3, 20857, 22916,  
23005  
fertilizers.....21775,  
21804-5, 21822  
France.....21315, 21317  
freezing.....20271  
Germany.....21325, 24164  
hybrids.....21322  
injuries.....20752  
juice and sirup...20324,  
24180, 24215, 25140  
Levant.....24147
- Grapes--Continued.**
- pests..20841, 22916, 23005,  
23391, 23465, 23474,  
23484, 23489, 23494  
pruning.....21316,  
21319, 21333  
soils.....21725  
storage.....24216  
Switzerland.....21327  
varieties.....20600,  
21318, 21334, 21338,  
21341, 21344  
vitamins.....25140  
waste, as fertilizer....  
22000  
See also Raisins.
- Grasses.....21354  
anatomy and physiology..  
20641  
as feed.....20415  
for poultry.....21138,  
22644  
diseases.....20769  
effect on soils.....20415  
equipment....23638, 23674  
fertilizers.....21785,  
21820  
forage.....20641, 21155  
harvesting.....23638  
in soil conservation...  
19885  
India.....21155  
injuries.....20769  
pests.....20368  
seeds.....19907, 20668,  
20978, 21168, 21631,  
21820, 24494  
Southwestern States.....  
20608  
Union of South Africa...  
21689  
varieties.....21152  
See also Hay; Silage,  
grass; Turf; and  
names of grasses.
- Grasshoppers and locusts..  
23519, 23529  
control.....22914,  
23523, 23525  
international...23520  
habits and behavior....  
23528  
situation and outlook...  
22959  
See also Acrididae; and  
names of genera.
- Grasslands.....21170  
Great Britain.....21156  
Northern Ireland...21175  
See also Ley farming.
- Grazing.....20358, 21182-3  
effect on vegetation...  
21018, 21125, 21181  
seasonal.....21130  
Union of South Africa...  
21167  
See also Forage plants;  
Grasses; Pastures;  
Ranges; and under  
specific subjects.
- Green bug. See Toxoptera  
graminum.
- Green clover worm. See  
Plathypena scabra.
- Green manures.....21765,  
21801, 21807, 21995
- Greenhouses.....20577,  
21242, 23722
- Greenhouses--Continued.**
- fruit culture.....20577  
ornamentals.....20307,  
20580, 21472, 21544  
pests.....23136  
vegetable culture..20577,  
21585  
watering.....21875  
See also Coldframes.
- Greens, edible. See  
names of greens.
- Gregarina ausoniae...23546
- Grex system.....24081
- Group farming. See Farms  
and farming, group.
- Grow More Food Campaign,  
Madras.....24745
- Growth substances for  
plants  
effects, on rooting.....  
20972, 20982  
See also Hormones,  
plant; and names of  
growth substances.
- Guayule, diseases....20855
- Guinea fowl.....22775
- Guizotia abyssinica. See  
Niger seed, Ethiopian.
- Gums and resins  
Spain.....25038  
synthetic.....23806  
trade.....25038  
See also Naval stores.
- Gur.....24533
- Gypsum.....20159
- Gypsy moth. See Porthetria  
dispar.
- Haemagogus equinus...23350
- Haemonchosis. See Haemon-  
chus contortus.
- Haemonchus contortus..22840
- Hagenia abyssinica...20741
- Hail.....20301
- Hairy chinch bug. See  
Blissus hirtus.
- Halictus.....23420
- Ham, curing.....23904
- Handicrafts  
India.....24967  
See also Panama-hat  
industry; Weaving.
- Hansen, V., and others,  
Catalogus Coleopterorum  
Daniae et Pennoscandiae..  
23157, 23182
- Haploidy. See Polyploidy.
- Haplostegus.....23434
- Hardiness, in plants.....  
21059-61, 21064, 21578
- Harmonia axyridis....23208
- genetics..23209-13, 23219
- Harness.....23584, 23589
- Harrowing  
U. S. S. R.....24670
- Harvesting  
equipment.....23671  
See also Combines;  
kinds of equipment;  
and under names of  
crops.
- Hay**  
as feed, for cattle.....  
22376  
drying, artificial.....  
20456, 23656  
equipment....23662, 23664  
Great Britain.....24047  
harvesting...21144, 23662
- Hay--Continued.**
- Italian East Africa.....  
20693  
nutritive value...22179,  
22382  
quality.....21144  
storage.....23761  
Sweden.....22179  
U. S. S. R.....24670  
See also kinds of hay.
- Hay driers.....20456
- Head, of insects....22912
- Health**
- Amazon Region.....24590
- Georgia.....24934
- Iowa.....24956
- materials.....24601
- Mississippi.....24951
- Negroes.....20330
- Nevada.....20497
- New Mexico.....24934  
programs.....19916,  
20036, 24945  
services.....24937,  
24944, 24957-8  
North Carolina...24971  
Texas.....19956  
study and teaching  
North Carolina...24924  
surveys  
North Carolina...20330  
See also Hospitals;  
Physicians; and sub-  
heads under Nutrition  
(human).
- Heart, of calves.....22434
- Heart disease  
in calves.....22407  
in swine.....22883
- Heart worm.....23347
- Heartwater  
in cattle.....22414  
See also Rickettsia  
ruminantium.
- Heat**  
effect on  
insects.....22923  
vitamins.....25100  
See also Thermotropism.
- Heating.....23713
- Hedges.....21432
- Hedin, Sven, Expedition,  
1927-1930.....23462
- Heifers. See Calves and  
heifers.
- Heliothis armigera...23477  
control.....22918
- Helius.....23221
- Helminths. See Worms.
- Helopeltis sanguineus....  
23371
- Hemerocallis.....21401
- Hemerocallis fulva...20917
- Hemileia vastatrix  
on coffee.....20816
- Hemoglobinemia. See Hemo-  
globinuria.
- Hemoglobinuria  
in cattle...22412, 22421
- Hemp.....21116, 21669  
culture.....24125  
history.....24125  
processing...24068, 24125
- Hepialus.....23462
- Herbaria. See names of  
herbaria.
- Herbicide dispensers..19996
- Herbicides.....21623  
See also names of herbi-  
cides.



- Herbs**.....21673  
**Heredity.** See Genetics;  
and under names of  
animals, insects, and  
plants.  
**Hernia**  
in cattle.....22390  
in horses.....22565  
**Herrod-Hempall, W.**.....23050  
**Hessian fly.** See Phy-  
tophaga destructor.  
**Heteroauxins.** See 3-Indo-  
leacetic acid.  
**Heterocera.** See Moths.  
**Heterokaryosis**  
in plants.....20952  
**Heteroptera**.....23408  
See also names of fami-  
lies and genera.  
**Hevea**  
Brazil.....20930,21678  
Guatemala.....21675  
1,2,3,4,5,6 Hexachloro-  
cyclohexane.....22944,  
22963,23525  
**Hexaploidy.** See Poly-  
ploidy, in plants.  
**Hibbert, Harold**.....25196  
**Hibernation.** See Arachni-  
da, hibernation.  
**Hibiscus sabdariffa.** See  
Roselle.  
**Hibiscus syriacus**.....21394  
**Hides and skins**  
Australia.....24101  
bacteria.....24101  
curing.....24372,24375,24377  
preparation.....24101,24378  
rabbit.....24347,  
24372,24377  
sheep.....24101,24378  
See also Leather;  
Tanning.  
**High-frequency heating**  
in food processing.....  
23877,24244-5  
**Histology, animal**.....24101  
**History**.....20483  
Germany.....24863  
Libya.....24592  
Southwestern States.....  
20608  
Tennessee.....20341-3  
Union of South Africa.....  
24606  
See also under specific  
subjects.  
**Hjärre, A.**.....22880  
**Hoing**.....21836  
**Hoes**.....23617  
**Hogs.** See Swine.  
**Holarthrothrips tenui-  
cornis**.....23554  
**Holorusia**.....23221  
**Homalotylus flaminus**.....  
23415  
**Home economics.** See Home  
management.  
**Home management**.....20607  
accounting.....20394-5  
bibliographies.....20237,  
20393  
work management.....20018  
See also specific sub-  
jects.  
**Homeria**.....22266  
**Homesteading**.....24865  
**Homocosis (insect).** See  
Insects, abnormalities.  
**Honey**.....23009  
Argentina.....24312  
Australia.....23903  
consumption.....24312  
cooperatives.....24313-14  
equipment.....23065  
granulated.....23035  
marketing.....23019  
nutritive value.....25092  
situation and outlook...  
19953  
Spain.....23030  
yields.....23024  
**Honey plants**.....19953  
Great Britain.....21656  
India.....23025  
See also names of honey  
plants.  
**Honeybee.** See Apis mel-  
lifera.  
**Hoofs**  
horses and asses...22559  
**Hoplocampa**.....23418,23432  
**Hoplocrates compar n.sp.**...  
23436  
**Hops**  
diseases.....20774  
grading and standardi-  
zation.....24558  
Great Britain.....21646  
**Horcotes**.....23099  
**Hormones**  
plant.....20765  
therapeutic use.....22833  
See also Growth sub-  
stances for plants;  
and names of hormones.  
**Horsechestnuts**  
as feed.....22202  
**Horses**.....23683  
Algeria.....22588  
Argentina.....22548,22579  
Army.....22573,22588  
Australia.....22574  
breeds and breeding....  
22541,22545,22574  
Andalusian.....22540  
Arabian.....22536,22542,  
22544,22547,22574  
Boulonnais.....22549  
Charolais.....22537  
Cleveland Bay.....22538  
Morgan.....22574  
Palomino.....22546,22574  
Percheron.....22548,22550  
Quarter Horse.....22543,  
22551,22574  
Tennessee Walking  
Horse.....22574  
Canada.....22585,25031  
directories.....22584  
draft.....22548-50,  
22553,22576,22579  
farms and ranches.....22585,  
22590  
feeding and nutrition...  
22552-3  
fertility.....22535  
France.....22575,25031  
gaits.....22574  
Germany.....22541,22572,  
22581-2  
Great Britain.....20558  
heredity.....22539,22571  
history.....22574,22589  
Idaho.....22584  
identification.....22577  
India.....22574  
judging.....22586  
Majorca.....22592  
**Horses--Continued.**  
parasites.....23304  
poisoning.....20309  
pregnancy.....22568  
psychology.....22593  
surgery.....22564  
trade.....25031  
training.....22580,22583,  
22587,22590-1  
bibliographies.....19977  
war use.....22578  
Western States.....22574  
See also Artificial in-  
semination; Colts;  
Feed; Stallions; and  
names of feeds and of  
anatomical parts, dis-  
eases, and parasites.  
**Horticulture**.....21237,21244  
associations  
directories.....20123-4  
Canada.....21236  
Italy.....20611  
Portugal.....21221  
study and teaching.....21239  
terminology.....21234,21362  
See also Flowers;  
Fruit; Gardens and  
gardening; Nurseries  
(plant); Ornamental  
plants; Vegetables;  
and names of plants.  
**Hosiery**.....24081  
**Hospitals**.....20330,25054  
Iowa.....24955  
**Hotbeds**.....20424,23742  
**Hothouses.** See Green-  
houses.  
**House plants**.....21382,  
21408,21438,21485,  
21488,21506,21537  
fertilizers.....21752  
soils.....21728  
See also names of  
plants.  
**Housefly.** See Musca  
domestica.  
**Household equipment.** See  
Equipment, household.  
**Household insects**.....22904  
control.....19906,20362,  
22930  
See also names of in-  
sects.  
**Houses**.....20513,23712,23716  
remodeling.....20512  
wood.....22130  
See also Buildings;  
Farmhouses; Housing.  
**Housing**.....23714  
programs.....20038  
See also Buildings;  
Farmhouses; and names  
of animals.  
**Humbert, H.**.....20734  
**Humidity, effect on**  
Acarina.....23134  
insects.....23141,  
23256,23422  
livestock.....22427  
**Humus**.....21805,21978,21996  
analysis and composi-  
tion.....21701  
formation.....21742  
See also Soils, organic  
matter.  
**Hutches.** See Rabbits,  
housing.  
**Hyacinth**.....21526  
**Hybosternus n. g.**.....23179  
**Hybridization**  
insect.....23164  
plant.....20949  
See also names of ani-  
mals and plants.  
**Hydnobius**.....23177  
**Hydracarina**.....23116  
Africa.....23114  
Brazil.....23117  
Madeira.....23115  
Paraguay.....23117  
See also names of fami-  
lies and genera.  
**Hydrangea**.....21431,21481  
**Hydrangea petiolaris**.....21400  
**Hydrocyanic acid**  
in fruit.....24265  
insecticides.....22932,  
23379,23384  
**Hydrogen-ion concentra-  
tion.** See Soils, hydro-  
gen-ion concentration.  
**Hydrophilus piceus**.....23214  
**Hydroponics.** See Soilless  
culture.  
**Hydrops.** See Dropsy.  
**Hylemya**.....23236  
**Hylemya genitalis**.....23305  
**Hylophila**.....23462  
**Hymenia recurvalis**.....23482  
**Hymenoptera**  
venom.....23442  
See also common group  
names; and names of  
families and genera.  
**Hypericum**.....21532  
**Hyphantria cunea**.....22904  
**Hypoderma**.....23248  
control.....20387,23263  
**Hypoderma bovis**.....23258  
**Hypoderma lineatum**.....23258  
**Hysterochelifer**.....23107  
**Ice cream**  
defects.....24027  
Great Britain.....23970  
industry.....23950  
ingredients.....24029-31  
quality.....24012  
statistics.....24045  
**Icerya purchasi**.....23386  
parasites and predators  
of.....23401  
**Ichneumonidae**.....23431  
See also names of gen-  
era.  
**Icings**.....24510  
**Ill. Agr. Col. Ext. Serv.**  
publications.....20393  
**Illustrations**.....20043  
**Immunization**.....22242  
See also Vaccines; and  
under names of dis-  
eases.  
**Impatiens balsamina**.....20988  
**Imperial moth.** See  
Eacles imperialis.  
**Implements.** See Tools;  
and names of implements.  
**Imported cabbage worm.** See  
Pieris rapae.  
**Income**.....24638,24663  
Australia.....24639  
Canada.....23897  
Iowa.....24637  
Minnesota.....24641  
Southern States.....24841  
Sweden.....24609,24640  
See also Taxation, in-  
come tax.  
**Income Tax Act, 1945,**  
Great Britain.....24648



- Incubation.** See hatching under Poultry and kinds of poultry.
- Incubators**  
fumigation.....22665  
Indebtedness.....20050  
India.....20496  
India. Foodgrains Policy Com.....24712  
(Ind.). Forest Fire Fighters' Serv.....22084  
Ind. (Purdue) Univ.....22315  
Fed.-State Seed Testing Lab.....24500  
Indians, North American... 20608, 21866, 24581, 24707  
Indigofera decora.....21430  
β-Indoleacetic acid.....21002  
3-Indoleacetic acid.....20993, 20995  
Indosidama n. g.....23132  
**Industry**  
and agriculture.....24580, 24597, 24605, 24660  
Brazil.....24591  
China.....24594  
Great Britain.....24593  
India.....24573  
Latin America.....24604  
India.....24689  
Latin America.....24604  
reconversion.....20485  
rural.....20500, 24942  
Alabama.....24922  
Ecuador.....24929  
Great Britain.....20613  
India.....24836  
See also Agricultural products, utilization, industrial; Nutrition (human), in industry.
- Inflation.** See Prices.
- Influenza**  
in swine.....22885  
virus.....22885  
**Injections**  
for plants.....20794  
**Inland Waterways Corp.**.... 20227  
**Inostemma contariniae.**..... 23440  
**Insecticidal plants.** See Insecticides, plant sources.
- Insecticides.** 19905, 23000, 23279, 23496  
adjuvants.....20269  
formulas.....22996  
insect resistance.....22919, 23137  
legislation.....22970  
organic.....22918  
plant sources.....22952, 22962, 22977  
situation and outlook... 22993  
tests.....22964, 23198, 23459  
toxicity....20304, 20591, 22905, 22948  
trade.....22999  
See also Aerosols; Baits and traps, for insects; Dusts and dusting; Sprays and spraying; and names of insecticides.
- Insects.**.....20011, 22902  
abnormalities.....23535, 23569  
anatomy and physiology.. 22905
- Insects--Continued.**  
and disease.....22953  
and plant disease.....22928  
as pests....20000, 22946, 22974  
Brazil.....25220  
Eire.....22922  
Southwestern States... 20608  
Spain.....20575  
beneficial.....22946  
bites.....22966  
breeding places.....22928  
collecting and collec- tions.....23147  
color....23211-13, 23219  
control.....22979-80  
timing.....22942  
dissemination.....22936, 22995  
flight.....23240, 23448  
habits and behavior.... 20591  
illustrations.....22912  
larvae, effect of crowding.....23505  
luminescence.....23171  
nomenclature.....22909  
parasites and predators of.....23400, 23449  
plant relationships.... 23510  
rearing and breeding.... 23346  
See also Aquatic in- sects; Baits and traps, for insects; Ecology, insect; Entomology; Forest insects; Fossil insects; Gall insects; Genetics, insect; Household insects; In- secticides; Plants, insect relationships; names and classes of insects; anatomical parts; and under spe- cific subjects.
- Inspection.** See Plants, quarantine and inspec- tion; and subhead regula- tion and inspection under other subjects.
- Institutions**  
farming.....21746  
See also Cookery, large- quantity.
- Instituto Agrônômico do Norte (Brazil)**.....24484  
**Instituto Nacional de la Nutrición (Argentina)**.... 25061  
**Insulation**.....20101, 20334  
**Insurance**  
citrus.....24643  
crop.....19932, 20063-4  
flax.....20062  
Portugal.....23906  
statistics.....23906  
wool.....24645  
See also Social secur- ity; U. S. Dept. of Agr., Fed. Crop Ins. Corp.
- Inter-American Conf. on Agr., 3d, Caracas, 1945..** 24914, 25207-8  
**Inter-Amer. Inst. of Agr. Sci.**.....25230  
**Inter-American relations**  
education....20065, 25206
- International agreements and treaties.** See Trade, agreements and treaties; and subhead agreements under specific subjects.
- International Confedera- tion of Agr.**.....20488  
**International Coop. Alli- ance at London**.....24996  
**International relations**.. 20398  
See also subhead inter- national under Coop- eration; Policies and programs; and Veteri- nary medicine, inter- national relations.
- Intussusception**  
in lambs.....22832  
**Investments**.....24618  
Iodine.....24437  
**Iowa Farm Business Assoc.**.. 24637  
**Iowa State Col.**.....21531  
**Iridomyrmex detectus**.....23446  
**Iris**.....21391  
culture.....21474  
varieties....21365, 21372  
**Iron Bridge Grange, Nottoway Co., Va.**.....24993  
**Ironing boards**.....20464  
**Irradiation**  
polyploidizing agent.... 23260  
See also Solar radia- tion; Ultraviolet ray; X-ray.
- Irrigation**.....20060, 21884  
Arizona.....21866  
Australia....21849, 21883  
New South Wales.....21873  
Victoria....21842, 21844  
California.....20260  
Cyrenaica.....21872  
effect on plants.....21847, 21881  
soils....21860-1, 21865  
equipment....20422, 23606  
history.....21866  
Italy, Sicily.....21897  
Mexico.....21855  
Nebraska.....21853  
New Zealand.....21852  
North Africa.....21881  
overhead.....21857  
Platte River Valley.... 21869  
pump.....20411, 21877  
Sahara.....21742  
siphon-tube..20411, 21859  
South Carolina....21886  
Spain.....21843  
Union of South Africa... 21878  
U. S. S. R.....21868  
water.....20169, 21872  
waterlogging.....21865  
Western States....21848  
See also under names of crops.
- Isotoma longiflora**....20922  
**Issidae**  
Mexico.....23357  
See also names of gen- era.
- Italian paste**.....25069  
**Italy. Direzione Generale della Sanita Pubblica**... 23835  
**Italy. Milizia Forestale**.. 22062  
**Ixodes dentatus**.....23125  
**Ixodes ricinus**.....22423  
**Ixodinae**.....23121
- Jaagsiekte.** See Jagziekte.
- Jackfruit**.....21660  
**Jaggery**.....24523  
**Jagziekte, in horses**.....22570  
**Jamaica Agr. Soc.**.....25177
- Jams.** See Jellies and jams.
- Japanese**  
in U. S.....24846, 24852, 24970  
**Japanese beetle.** See Popillia japonica.
- Jaws, of sheep**.....22836  
**Jeeps**.....23694  
**Jellies and jams**.....24204  
India.....24253  
manufacture.....24256  
vitamins....25126, 25151  
See also Canning and preserving; Pear jam; Plum jam.
- Jerusalem artichokes**  
anatomy and physiology.. 21726  
fermentation.....23937  
**Jessenia polycarpa**....20696  
**Jewelvine.** See Derris.
- Johne's disease**  
immunization.....22226  
Jones, G. N., Flora of Illinois.....20646  
**Journalism**.....20399-400, 20402  
**Jujube**.....24247  
**Juncaceae**.....20926  
**June bugs.** See Phylloph- aga.
- Junior Dairy Herd Impr. Assoc.**.....24930  
**Juniper**.....22053  
**Juniperus**.....20691  
**Juniperus procera**....20711  
**Junkers, Germany**....20507  
**Junta Reguladora de la Producción Agrícola, Argentina**.....24732  
**Jute**.....21116  
equipment.....23645  
India.....20984
- Kalmia latifolia**.....21480  
**Katyids.** See Tettigo- niidae.
- Ky. Agr. Expt. Sta.**..... 25214  
**Keratitis, infectious**  
in cattle.....22433  
in sheep.....22433  
**Ketosis.** See Acetonemia.
- Khaddar**.....24836  
**Khadi.** See Khaddar.
- Killington, F. J.**....23560  
**Kilns, lumber**.....20109, 22114  
**Kitchens**  
equipment.....23709  
remodeled.....23710  
**Knot**  
of olive.....20869  
**Koenikea**.....23117  
**Kok-saghyz**  
anatomy and physiology.. 20961  
U. S. S. R.....21658  
**Kolon**.....23193  
**Krendowskia**.....23117  
**Krimpsiekte**.....22264  
**Kudzu**.....21127-8, 21169, 21185  
as feed  
for poultry.....20296  
**Kuhlmaniella n. g.**....20677



- Labeling**....20156, 23830-1, 23833  
'See also subheads grading and standardization and labeling under specific subjects.
- Labor**.....20017, 20027  
Australia.....24686  
France.....24895  
Germany.....24850  
Great Britain.....24655  
Italy.....24658  
Kentucky.....20282  
Latin America.....20510  
    bibliographies...25185  
Louisiana.....24668  
management.....24611  
migratory....20030, 24676  
    bibliographies...20487  
New Mexico.....24659  
postwar.....20485  
programs.....19908  
Peru.....20477  
Uruguay.....20477  
    recruiting and placement 20031  
    requirements.....24667  
Rhode Island.....24656  
skilled, Germany...24674  
training.....20047  
U. S. S. R.....24669  
Uruguay.....24664  
    work management  
    U. S. S. R.....24670  
youth.....19883  
See also Efficiency; Employment; Housing; Mexicans, labor in U. S.; Wages; Prisoners of war and names of industries and products.
- Labor-saving devices**. See Electricity, on the farm; Equipment, labor-saving.
- Lactation**. See under names of animals.
- Lactic acid**  
bacteria.....23986, 23996  
**Lactobacillus casei**, in animal nutrition...20559
- Lambs**.....22816  
care.....22846  
diseases.....22840  
feeding and nutrition...22823-4  
prices.....20150-1  
subsidies...19936-7, 24758
- Lameness, in horses**..22555
- Lamps**.....20188
- Land**.....20498  
appraisal.....24888  
cadastral surveys  
Brazil.....24767  
Italy.....20611  
Canada.....24879  
clearing....20165, 23600, 24879  
consolidation of holdings  
Germany....24611, 24878  
cut-over  
Washington (State)....20358  
grading.....21844  
Guadeloupe.....24776  
human relationships....20604, 24764  
Idaho.....24785  
improvement.....24848  
legislation  
Argentina.....20494  
Mexico.....24602  
Turkey.....24816
- Land--Continued.**  
military.....24601  
policies.....20604  
prices  
North Carolina...24886  
public.....24817  
Alaska.....20093  
Southwestern States...20608  
purchase and sale  
Great Britain....24890  
reform  
Germany.....20507  
Mexico.....24602  
Uruguay.....24773  
settlement and colonization  
Argentina.....20494, 24845, 24857  
Australia, New South Wales.....23903  
Canada, Quebec...22021  
conferences and congresses, Uruguay. 24860  
cooperative  
Nigeria.....24847  
Germany...24850, 24854, 24861, 24863, 24911  
Libya.....24592  
Massachusetts...19970  
Palestine..24616, 24844  
Southeastern States...24848  
Spain.....24858  
Uruguay.....24859  
Wisconsin.....23968  
taxation  
Uruguay.....24649-51  
tenure.....24873  
China.....24578  
Colombia.....24607  
Colonial.....20490  
Cuba.....24876  
Great Britain..24870-2  
Japan.....24608  
Mexico.....24602  
Minnesota.....24641  
Poland.....20493  
Spain.....24869  
Uruguay.....24877  
titles.....24875  
utilization  
control.....20604  
Great Britain  
Scotland.....24880  
New Zealand.....24881  
Nyasaland.....24882  
values....24884-5, 24887  
Arkansas.....24888  
Great Britain...24883  
See also Assessment; Farms and farming; Frozen lands; Homesteading; Reclamation; Rent; Soils; Veterans, land settlement.
- Landscape gardening**. 21357, 21362, 21364, 21371, 21411, 21418, 21446, 21448, 21529, 21545  
See also 4-H Clubs, gardens.
- Langstroth, L. L.**....23057
- Laniatores**  
India.....23132  
See also names of families and genera.
- Larch**.....20901, 20906  
Larch, European  
culture.....21041
- Large milkweed bug**. See *Oncopeltis fasciatus*.
- Larix decidua**. See Larch, European.
- Larvicides**....23229, 23316, 23329  
oil.....23167  
Laryngitis, in sheep. 22826
- Lasius niger alienus americanus**.....23448
- Late blight**  
of potato.....20834
- Laterite soils**.....21693
- Latex**.....24487
- Lathyrus hirsutus**. See Pea vine, rough.
- Laval Univ., Quebec**..22168
- Lawns**.....21354  
See also Grasses; Turf.
- Lead arsenate**  
insecticides.....20269, 23006
- Leadership**.....19919  
rural.....24974
- Leaf blight**  
of Japanese maple..20171
- Leaf curl**  
of Bessey cherry...20340  
of plum.....20340
- Leak, of potato**.....20812
- Leandra**.....20680
- Leases**.....19892, 24874  
Spain.....24867-8  
Uruguay.....24877
- Leather**  
drying.....24380  
See also Hides and skins; Tanning.
- Leaves**  
as fertilizer.....21984  
color.....21539
- Leeks**.....21580
- Legislation**.....19920  
California...23949, 24714  
Illinois.....24724  
Mexico.....24717  
See also names of acts; and under specific subjects.
- Legs, of horses**.....22558
- Legumes**  
as feed.....20415  
diseases.....20769  
effect on soils...20415  
fertilizers.....21774, 21802  
forage.....20978, 21131  
injuries.....20769  
inoculation.....20315, 21713, 21716, 21718  
nitrogen fixation..21716  
pests.....23206, 23474  
regulation and inspection.....20315  
See also Nodules, plant; and names of legumes.
- Leguminosae, Iowa**....20695
- Lema melanopa**.....23216
- Lemon barley water**...24230
- Lemon-grass oil**.....24427
- Lemons**  
juice and sirup...24257  
marketing.....24197
- Lend-lease**....20507, 24571, 25033, 25035
- Lentils**.....21591
- Leonurus sibiricus**...20912
- Lepidoptera**  
collecting and collections.....23461-2  
distribution...23514-15  
migration.....23450  
mimicry.....23481  
Palearctic.....23515
- Lepidoptera--Continued.**  
See also Butterflies; Caterpillars; Moths; and common group names and names of families and genera.
- Lepidosaphes ulmi**....23378
- Leptinotarsa decemlineata**. 23142-3, 23152, 23199  
control.....23148, 23161, 23197-8, 23200, 23217  
France.....23158  
Great Britain....23169  
parasites and predators of.....23150  
Spain.....23173
- Leptoloma cognatum**...20716
- Leptospirosis**  
in cattle.....22412  
in dogs.....22516
- Lespedeza, pests**....23495
- Lesser grain borer**. See *Rhizopertha dominica*.
- Lestodiplosis floridana n. sp.**.....23255
- Lettuce**  
varieties....20254, 21607
- Leucocytozoon**  
in turkeys.....22678
- Leukemia**  
lymphatic, in dogs. 22522  
See also Leukosis.
- Leukosis, in poultry**....22656, 22679-80, 22682  
control.....22670
- Lewisia kelloggii**....21490
- Ley farming, Great Britain** 21141, 21188
- Libellulidae**.....23543  
See also names of genera.
- Libraries**  
Australia.....24926  
college.....24968
- Lice**  
and disease.....23565  
on goats.....23568  
on man.....23565  
on poultry.....23566  
See also names of families and genera.
- Lichens**  
Arkansas.....20746  
See also names of families and genera.
- Light**  
effect on  
insects.....23553  
poultry....22612, 22759  
See also Photoperiodism in plants; Phototropism; Poultry, egg production, effect of light.
- Lighting**. See Lamps.
- Lightning**.....20752
- Lightning rods**.....23572
- Lilac**.....21451
- Lilium sargentiae**. See Lily, Sargent.
- Lily**.....21380  
diseases.....20873, 23354  
pests.....23354  
varieties.....21508, 21533
- Lily, Easter**.....21009, 21516-18
- Lily, Sargent**.....20933
- Lima bean pod borer**. See *Etiella zinckenella*.
- Lima bean vine borer**. See *Monophtilota pergratialis*.



- Item**
- Lime  
analysis and composition 20314  
in soil improvement..... 20159, 21706, 21769, 21773, 21819, 21972-6  
in soils..... 21954  
situation and outlook... 20159  
See also Calcium.
- Limnitis bredowii... 23481
- Limes  
juice and sirup.... 24257
- Limeworks..... 23587
- Limnesia..... 23115
- Limnophora, Sweden... 23282
- Limonia..... 23221
- Limothrips..... 23554
- Line Elevators Farm Serv., Winnipeg..... 24499  
publications..... 25183
- Linens..... 20525
- Linné, Carl von..... 23493
- Linseed, See Flax, seed.
- Linum mysorensense..... 20913
- Lipase..... 23988
- Lippia berlandieri... 20743
- Liquidambar. See Sweetgum.
- Liriodendron tulipifera.  
See Tuliptree.
- Liver, of fish..... 25148
- Livestock  
Africa..... 23298  
anatomy and physiology.. 20540, 20549, 20554  
Argentina.... 20529, 24339  
Australia... 23903, 23909, 24353  
Belgium..... 20545  
breeds and breeding.... 22173-5, 22177  
Canada..... 24351  
care..... 22281  
seasonal..... 22297  
Chile..... 25184  
costs and returns.. 24834  
digestion..... 22255  
diseases.... 22229, 22236, 22243  
Great Britain... 22246  
equipment..... 23735  
feeding and nutrition... 22178, 22184, 22186, 22191, 22194, 22196, 22201, 22205-6, 22208, 22215  
deficiencies..... 22200  
pasture and range.... 22182, 22190, 22265  
fertility..... 22182  
Germany..... 24328, 24365  
Great Britain... 22286  
growth..... 20540, 22285  
heredity..... 22176  
history..... 24318  
Hungary..... 22292  
identification... 22284, 22453  
India..... 20521, 25228  
industry, Brazil... 24591  
Italian East Africa.... 22282, 22294  
Italy..... 20611  
Libya..... 24592  
marketing..... 19939  
Canada..... 25026  
metabolism..... 22260  
Minnesota..... 23902  
New Mexico..... 24329  
North Africa..... 22287  
Norway..... 22289
- Item**
- Livestock--Continued.  
poisoning..... 22231, 22244, 22263  
Portugal..... 23906  
processing..... 24373  
records and testing.... 22288  
regulation and inspec-  
tion..... 24365  
reproduction..... 22562  
sanitation..... 22290  
shows and sales.... 22291  
situation and outlook... 20389, 24327  
Southwestern States.... 20608  
Spain... 22283, 22299, 24345  
statistics.. 19939, 20184, 20521, 23902-3, 23906, 23909  
surgery..... 22228  
taxation..... 24652  
trade..... 25026  
transportation.... 24351, 24353  
Venezuela..... 25208  
Virginia..... 24331  
watering..... 22244  
weight and measurement.. 22293  
See also Artificial in-  
semination; Feed; 4-H  
Clubs, livestock; Fu-  
ture farmers of Amer.,  
livestock; Poisonous  
plants, to livestock;  
Slaughtering; Veteri-  
nary medicine; names of  
animals; and of feeds,  
anatomical parts, dis-  
eases, parasites and  
products.
- Livestock products.. 23792, 24364
- Living conditions. See  
Cost and standard of  
living.
- Lixophaga diatraeae..... 23222, 23241
- Lloyd Bot. Gard., Dar-  
jeeling..... 20632
- Loading equipment.... 23649
- Locker plants. 23765, 23824, 23886  
Canada..... 23872, 23884  
cooperative..... 23868  
equipment..... 20185  
See also Freezing of  
food; Refrigeration.
- Locust, black  
soils..... 21723  
wood..... 20079
- Locusts (Orthoptera). See  
Grasshoppers and locusts.
- Logging..... 22070  
Gold Coast..... 22099  
selective..... 22096-7  
waste..... 22098
- Lonchaea splendida... 23269
- Lonchopteridae..... 23281  
See also names of  
genera.
- Lone star tick, See  
Amblyomma americanum.
- Long Island Farmers' Inst. 24989
- Lonicera fragrantissima... 21430
- Lophanthus anisatus  
oil..... 24434
- Lotus, honey plant... 23025
- Item**
- La. Agr. Expt. Sta.. 20290, 22596
- Lovegrass..... 19885
- Lowdermilk, W. C.  
publications..... 20209
- Lubricating oils..... 24436
- Lucerne. See Alfalfa.
- Luisierella..... 20735
- Lumber..... 22102  
Canada..... 22101  
France..... 22019  
Germany..... 22090  
grading and standardi-  
zation..... 22094  
New Zealand..... 22100  
seasoning.... 20107, 20109  
bibliographies... 20099  
situation and outlook... 22089, 22091-2  
See also Kilns; Saw-  
mills; Timber; Wood;  
and tree and lumber  
names.
- Lumbering. See Logging;  
Sawmills.
- Lunches..... 20366  
school..... 20228, 25058, 25067, 25070, 25081
- Lundbladia..... 23115
- Lung worms. See Proto-  
strongylus gracilis n.  
sp.; Vastrestrongylus  
sinicus n. sp.
- Lupine  
varieties..... 21512
- Lupine, European blue.... 21751
- Lupinus. See Lupine.
- Lupinus peirsonii.... 21491
- Luzula..... 20692
- Lycaena argiades..... 23472
- Lygus..... 23376, 23402  
control..... 22914, 23383, 23404
- Lygus pabulinus..... 23396
- Lymph nodes  
of livestock..... 22276
- Lymphoma  
in poultry... 22657, 22676  
See also Leukemia,  
lymphatic.
- Lymphomatosis. See Leu-  
kosis.
- Machinery. See Equipment;  
and kinds of equipment.
- McCloud Blackberry Assoc... 24188
- Macrocentrus ancyliovorus.. 23422  
parasites and predators  
of..... 23414  
rearing and breeding.... 23424, 23447
- Maderomegapus n. g... 23115
- Magnesium  
effect on plants... 21847
- Magnolia..... 20079
- Magnolia, cordata.... 20715
- Mahogany..... 22099
- Mahua oil..... 24416
- Maize. See Corn.
- Malaria..... 23326, 23335  
control..... 23329  
history..... 23326  
in poultry..... 22662  
See also Plasmodium;  
Plasmodium gallinaceum.
- Mallee (Walpeup, Victoria)  
Res. Sta..... 22816
- Malnutrition. See subheads  
under Nutrition (human).
- Item**
- Mammitis. See Mastitis.
- Manganese sulfate.... 20993
- Mange  
on swine..... 23127-8  
See also Psoroptes;  
Sarcoptes.
- Mangoes..... 21278  
anatomy and physiology.. 20998-9  
India..... 21286  
juice and sirup.... 24232  
regulation and inspec-  
tion..... 19998  
utilization.. 24181, 24232
- Manson, Sir Patrick.. 23335
- Manures..... 21982, 21987, 21989, 21991-2, 21995, 22005-6, 22008  
analysis and composition 20314, 21753  
liquid..... 21980, 22002  
rabbit..... 22004  
utilization..... 22001  
See also Green manures.
- Maple, Japanese  
diseases..... 20171
- Maple, sugar (tree)..... 22073-4  
products..... 24531
- Mapping..... 20212
- Margarine..... 23972  
nutritive value... 25112, 25141
- Union of South Africa... 23969
- Marginal farming. See  
Farms and farming, margi-  
nal.
- Margosa oil..... 24440
- Marillii, O..... 22923
- Marine plants..... 20896
- Markers..... 23595
- Marketing Act (Union of  
South Africa)..... 24355
- Markets and marketing.... 23819  
Canada..... 20528  
Connecticut..... 23812  
cooperative..... 23813  
farmers..... 23828  
India..... 23874  
legislation..... 20149  
regulation and inspec-  
tion..... 20149, 23814  
Southern States.... 23823  
Uruguay..... 24718  
See also Black markets;  
and under names of com-  
modities.
- Marmalade. See Jellies and  
jams.
- Marmor rubiginosum. See  
Rusty mottle, of cherry.
- Marmosets..... 23350
- Marshes..... 21863
- Md. Agr. Expt. Sta... 20294
- Mascarena vershaaffeltii... 21426
- Mastitis..... 22239  
in cattle..... 22403, 22415  
control... 22397, 22408, 22429  
therapy... 22392, 22425, 22432
- therapy..... 22220  
See also Clostridium  
perfringens.
- Matasano. See White  
sapote, woolly-leaf.
- Mathiola..... 21470, 21535
- Maughan, W. S., Neil  
MacAdam..... 22908



- Mayo, Nelson S.....22247  
 Maytenus obtusifolia.20705  
 Meadows.....20433,20669  
   See also Pastures.  
 Meal  
   pests.....22957  
   See also kinds of meal.  
 Mealy bugs. See Pseudococcinae.  
 Meat  
   Argentina.....20070,24348  
   bacteria.....24381  
   Canada.....20066,24369  
   canned.....24381  
   curing.....23904  
   Europe.....24319  
   freezing.....23904  
   Germany.....24344,24363  
   Great Britain.....24332  
   industry.....24316  
   marketing.....24355  
   packing industry...25225  
   prices, control...24368  
   products.....24350  
   purchasing.....20229  
   rationing.....24369  
   regulation and inspection.....24360-1,24363  
   situation and outlook...19939,24315,24324,24340  
   transportation.....24354  
   Union of South Africa...24355  
   Uruguay.....24360,24368  
   waste.....19963  
   See also kinds of meat.  
 Mechanics. See Shops, farm; and subhead maintenance and repair under Equipment and names of machines and vehicles.  
 Mechanization.....23618,23622,23624  
   Mississippi Delta...20135  
   Northern Great Plains...19950  
 Medical entomology  
   Florida.....22917  
   See also Insects, and disease.  
 Medical service. See Health.  
 Medicinal plants. See Drug plants.  
 Medicine, tropical. See Diseases, tropical.  
 Mediterranean fruitfly. See Ceratitis capitata.  
 Megapodellides n. g..23117  
 Megapus.....23115  
 Megaselia pygmaeoides....23264  
 Megipocerus mordvilkoii n. g., n. sp.....23412  
 Megodontus purpurascens pseudofulgens.....23164  
 Meigen, J. W.....23299  
 Meiosis  
   insect.....23399  
   plant.....20917,20933  
 Melamine glue.....20104  
 Melanoplus differentialis.23526  
 Melanoplus femur-rubrum...22913,22915  
 Melanosis  
   in pigeons.....22668  
 Melastomaceae. See Melastomataceae.  
 Melastomataceae.....20680  
   Colombia.....20697  
 Melia azadirachta. See Margosa.  
 Meliaceae.....20688  
 Melipotes acontoides....23511  
 Melisia melisii n. g., n. sp.....23111  
 Melissa officinalis...21489  
 Melolontha.....23202  
 Melon fly. See Dacus cucurbitae.  
 Melons. See names of melons.  
 Melophagus ovinus...20384,23233,23308  
   control.....23270  
 Membracidae  
   Mexico.....23398  
   See also names of genera.  
 Memorial plantings...21469,22164  
 Menacanthus stramineus...23570  
 Mendel's law...20949,25190  
 Menecles insertus...23352  
 Menopon gallinae.....23570  
 Menthol.....24442  
 Mercado de Cereales a Termino de Buenos Aires..24395  
 Mercury.....23483  
 Mesostigmata.....23129  
 Microgyniina.....23130  
 Mesquite.....21142  
 Metabolism.....25117  
   See also under Live-stock; Plants; and names of animals.  
 Metaphycus helvolus..23364  
 Meteorology.....22088  
   Australia.....23903  
   See also Climate and weather.  
 Methyl bromide.....22992  
   insecticides.....25133  
 Methyl formate  
   insecticides.....22986  
 Methylene blue, milk test.....23980-1  
 3,3'-Methylenesbis (4-hydroxycoumarin)....22409  
 Metritis  
   in cattle.....22420  
   in dogs.....22515  
 Mexican bean beetle. See Epilachna varivestis.  
 Mexicans, labor in U. S...20486  
 Mexico. Consejos Mixtos de Economía Regional...24621  
 Micaria decorata n. sp....23131  
 Mice, control...25179,25187  
 Mich. Potato Growers Exch., Inc.....24157  
 Miconia.....20697  
 Microbiology.....20557  
   See also Microorganisms; Soils, microbiology.  
 Microcalorimeter....21000  
 Microgyniina. See Mesostigmata, Microgyniina.  
 Microgynium rectangulatum n. g., n. sp.....23130  
 Microlepidoptera  
   Sweden.....23455  
   See also names of families and genera.  
 Microorganisms  
   destructive.....19887  
   Microorganisms--Continued.  
   See also Soils, microbiology; and names and classes of organisms.  
 Microsejus truncicola n. g., n. sp.....23130  
 Microsporidia.....23414  
 Mideopsis.....23117  
 Migration. See Labor, migratory; Land, settlement and colonization; and under Population.  
 Mildew. See Downy mildew; Powdery mildew.  
 Military equipment. See Equipment, military.  
 Military land. See Land, military.  
 Milk.....23799  
   analysis and composition 22285,23985,23993  
   Argentina.....23999  
   as feed.....22210  
   for calves.....22381  
   for swine.....22862  
   bacteria, tests...23981  
   condensed and evaporated 24034  
   analysis and composition.....20142,20144  
   New Zealand.....23904  
   containers.....24006  
   costs and returns.24824,24826  
   creaming ability...24025  
   distribution.....20318,24001  
   dried.....24024,24038  
   analysis and composition...20143,23987-8,24032,25102  
   Great Britain....23961  
   keeping quality..23988  
   storage.....24028,25111  
   drying.....24033  
   fat.....20241,23983,23994,24018,25112  
   flavor and odor...24015  
   freezing.....24034  
   Germany.....23953-4  
   Great Britain....23957,23962,24000,24043  
   Italy.....23951,23997  
   keeping quality...23980  
   legislation.....23949  
   marketing...23957,24000,24004  
   regulation.23999,24003  
   Nebraska.....23971  
   nutritive value...25147  
   pasteurization...24019-21,24025  
   prices.....24018,24759  
   production...23963,23974  
   quality.....24000,24013,24017  
   regulation and inspection.....23957,24009  
   sampling.....23984  
   situation and outlook...23974  
   solids-not-fat....20143  
   statistics.....24043  
   sterilized.....23993  
   subsidies...23962,24759  
   transportation....24006  
   utilization.....23997  
   vitamins....20252,25115,25146-7  
 Milk, goats  
   nutritive value...22788  
 Milk, skim.....25150  
   nutritive value...25111  
 Milk bottles. See Milk, containers.  
 Milk plants.....23754  
   costs and returns..24830  
 Milk separators. See Cream separators.  
 Milk serum. See Whey.  
 Milkhouses.....23737,23745  
 Milking.22457,22462,22470,22474,22480,22485  
 Milking barns.....23720  
 Milking machines  
   sanitation.....23639,23659  
 Milkweed, culture....20331  
 Miller, Woodrow.....25205  
 Millipedes. See Diplopoda.  
 Mills and milling...24300,24308  
   equipment.....23658  
   Germany.....24294  
   Great Britain....24282  
   history.....24276  
   New Zealand.....23904  
   pests.....23002  
   study and teaching.24294  
   U. S. S. R.....23738  
   See also Sawmills; and under names of products.  
 Mine timbers...22060,22116  
 Mineral salts  
   in soils.....20169  
 Minerals  
   in animal nutrition....20349,22180,22183,22193  
   in feed.....22187  
   in plants....20651,20779  
   in poultry nutrition...22641  
   See also Minor elements; and names of minerals.  
 Mining, Costa Rica...20535  
 Minks.....23100,23104  
 Minn. Dept. of Agr., Dairy and Food. Div. of Feed and Fertilizer Control...24054  
 Minn. Dept. of Weights and Measures.....24302  
 Minn. State Grain Insp. Dept.....24302  
 Minor elements  
   effect on plants...21958  
   in human nutrition.25073  
   in soils.....21697,21712  
   See also names of minor elements.  
 Mint oil.....24441  
 Miss. Agr. Expt. Sta.25213  
 Mo. Pacific Railroad Corp.20226  
 Mo. Univ.....21510-11  
 Mites  
   control.....23124  
   on foxes.....23104  
   on minks.....23104  
   on plants.....20459  
   See also names of families and genera.  
 Mitosis, Arachnida...23138  
 Molasses.....24532  
 Molds  
   destructive.....20164  
   See also names of molds; and classes of molds; and under names of products.  
 Mollusks.....22911



- Molybdenum**.....21959  
in animal nutrition.....  
22189
- Monarch butterfly.** See  
*Danaus plexippus*.
- Monkeys**.....23350
- Monomethylaminoethanol**....  
22638
- Monoptilota pergratialis**..  
23458
- Montpellier. Ecole Natio-  
nale d'Agriculture.** 20757,  
20813
- Moraea**.....22266
- Mortgages.** See Credit,  
mortgage.
- Mosaic**  
of bean.....20874  
of celery.....20261  
of sugarcane.....20872  
of tobacco.....20876-7
- Mosquitoes**.....23320  
and disease.....23335-7  
bites.....23311  
control  
Potomac River....23340  
Fiji.....22906  
habits and behavior.....  
23314, 23330  
larvae.....23325  
Uganda.....23330  
See also Culicidae; and  
names of genera.
- Mosses.** See Musci.
- Mothproofing.** See Insect-  
proofing.
- Moths**  
food and host plants....  
23510  
See also names of fami-  
lies and genera.
- Motion pictures**.....20119,  
23240  
bibliographies.....20121  
See also Films.
- Motor vehicles**  
electric.....23696  
See also names of  
vehicles.
- Motors, maintenance and  
repair**.....23681
- Mottle leaf**  
of orange.....20963
- Mouth, of horses**.....22574
- Mouth parts**  
of insects.....23275
- Muck soils**.....20428
- Mulberry**.....20642, 20785
- Mulching**...20591, 21829-30,  
21837  
See also Tillage,  
stubble-mulch.
- Mules**  
Algeria.....22588  
Army.....22573, 22588
- Mules' operation.** See un-  
der Sheep.
- Musa.** See Bananas.
- Musca domestica**  
and disease.....23266  
habits and behavior.....  
23240
- Musca nebulosa**.....23237
- Musca vicina**.....23307
- Musci**  
Great Britain.....20636  
Oceanica.....20729  
See also names of  
genera.
- Muscidae**.....23285  
See also names of  
genera.
- Muscles, of horses**...22561
- Mushrooms**.....20634
- Mustard**.....23944  
Canada.....21682
- Mutation**  
insect.....23224, 23253,  
23280, 23309-10  
plant.....20591, 20959
- Mycology.** See Fungi.
- Mycorrhiza**.....20977
- Mycosphaerella citrullina**  
on cucurbits.....20863
- Myiasis, in cattle**...23235
- Myriapoda.** See Chilopoda;  
Diplopoda; Paupoda;  
Symphyla.
- Myrmecology.** See Ants;  
Formicidae.
- Myrmica schencki emeryana.**  
23448
- Narcissus, varieties**..21464
- National Coop. Project,  
Conserv. of Nutr. Values  
of Foods**.....20008-9
- National Food Brokers  
Assoc.**.....20527
- National forests.** See  
Forests, national; and  
names of forests.
- National Gard. Bur.**...24490
- National Inst. of Agr.  
Bot., Cambridge, Eng.**....  
20644
- National parks.** See Parks;  
and names of parks.
- National Peach Council**....  
24201
- National Poultry Defense  
Com.**.....24479
- National Poultry Impr.  
Plan, Montana**.....22710
- National Recreation Assoc.**  
20039
- National Soybean Proc-  
essors Assoc.**.....24429
- National Turkey Impr.  
Plan**.....19975
- Washington (State)**..22750
- National Wool Mktg. Corp.**  
19992
- Natural resources**  
India.....20656  
See also Conservation of  
natural resources.
- Nature study**.....22902
- Naturhistoriska Riksmu-  
seum, Stockholm**...23461-2
- Naval stores**  
France.....22135  
See also names of prod-  
ucts.
- Navicula**.....20739
- Nectar**.....23017, 23055
- Nectria dodgei n. sp.**20745
- Needlegrass, esparto**..24557
- Negrees**  
farmers.....21912  
labor.....20035
- Latin America**.....24941  
See also under Exten-  
sion work, Health,  
Youth.
- Neighborhoods.** See Com-  
munities.
- Nematodes**  
Hawaii.....21925  
in bananas.....20884  
in clover.....20885  
in coconut.....20883  
in coffee.....20887  
in fruit.....20886
- Nematodes--Continued.**  
in vegetables.....20886  
See also names of nema-  
todes; nematode dis-  
eases; and animals, in-  
sects, and plants af-  
fected.
- Nemeritis palmaris**...22906
- Nemesia strumosa**.....20950
- Neotatus n. g.**.....23117
- Nephele didyma**.....23505
- Nerves**  
of animals  
diseases.....20553  
of insects.....22910  
of pigeons.....22654
- Neumania**.....23115, 23117
- Neurolymphomatosis, in  
poultry.** See Leukosis,  
in poultry.
- Neuroptera**.....23560  
See also names of fami-  
lies and genera.
- Neurospora**.....20952
- New England Cranberry  
Sales Co.**.....24158
- N. H. Agr. Expt. Sta.**....  
20305, 21428
- N. J. Agr. Expt. Sta.**..21100
- N. J. Fed. Egg Prod. Coop.**  
24476
- N. Y. (Cornell) Agr. Col.**  
Ext. Serv., publications,  
20426
- N. Y. (Cornell) Agr. Expt.  
Sta.**.....20319  
publications.....20426
- Newton County Health  
Serv. Assoc., Inc.**...24951
- Niacin**  
in human nutrition..20449  
See also Vitamin B;  
Vitamin B<sub>2</sub>.
- Nicandra physaloides**..20910
- Nicotiana, hybrids**...20648
- Nicotine**  
byproducts.....24540  
insecticides.....23161,  
23411
- Nicotinic acid.** See  
Niacin.
- Niger seed, Ethiopian**....  
21135
- Nitrates, in plants**...21025
- Nitrocultivo**.....21716
- Nitrogen**  
effect on plants...20257,  
21776, 21949  
fertilizers..20175, 20299,  
20432, 21784, 21786,  
21791, 21820, 21823,  
21933, 21952, 21969  
fixation.....21712  
in food.....25090, 25110  
in plants.....21003  
in soils.....21710  
in yeasts.....25089  
sources.....21753
- Nodules, plant**.....21006
- Norfleet, J. Frank**...25198
- N. C. Crop Impr. Assoc.,  
Inc.**.....21090
- Northern house mosquito.**  
See Culex pipiens.
- Nosema**.....23051
- Nucleic acid**.....20911
- Nurseries (plant)....21222**  
certified.....24559  
directories.....24560  
forest.....21029, 21045  
fruit.....21256
- Nurseries (plant)--Con-  
tinued.**  
Illinois.....24559  
India.....21256, 24560
- Nurseries for children.**  
See Children, nurseries.
- Nutgrass.** See Flat-sedge,  
nutgrass.
- Nutrient solutions for  
plants**.....20966  
See also Soilless cul-  
ture.
- Nutrition (animal)**  
study and teaching..22191  
See also Feed, nutritive  
value; Soils, nutrition  
relationships; subhead  
feeding and nutrition  
under Livestock, Poul-  
try, and names of ani-  
mals; and subhead as  
feed and in animal  
nutrition under names  
of plants and products.
- Nutrition (human)....20566,**  
25052-3, 25071-2  
and health..25062, 25066,  
25080  
bibliographies.....20237  
children.....25149  
deficiencies.....20567,  
25063  
diet.....25159, 25164  
Europe.....20484  
family.....25076  
handbooks.....20565  
in industry.....20179,  
20232, 25065, 25078  
Italy.....25055  
Netherlands.....25077  
North Carolina.....25082  
Portuguese West Africa..  
25075  
standards and tables....  
20181  
starvation.....25068  
study and teaching.....  
25050, 25057, 25064  
Tennessee.....25159  
See also Cookery; Food;  
Lunches; Metabolism;  
Soils, nutrition re-  
lationships; Vitamins;  
and names of foods and  
food elements.
- Nutrition (plant).** See  
Growth substances for  
plants; Nutrient solu-  
tions for plants;  
Plants, nutrition; sub-  
heads effect on plants  
and in plants under  
Minerals and Soils; and  
names of plants and  
plant nutrients.
- Nutrition Found., Inc.**....  
25071
- Nuts**  
Canada.....21347  
See also names of nuts.
- Nuttall's cottontail.**  
See Sylvilagus nuttallii.
- Nycteribiidae**.....23297  
See also names of  
genera.
- Nygmaea phaeorrhoea**  
control.....20001
- Nylon, dyeing**.....24129
- Oak**.....20897, 21032  
bark.....22155



- Oats**  
 anatomy and physiology.. 20990  
 as feed, for swine. 22863  
 biochemistry..... 21025  
 Germany..... 21107  
 Sweden..... 21078  
 varieties... 21080, 21087, 21092, 21102  
**Obstetrics**..... 22259  
 See also subheads care, postpartum and parturition under names of animals.  
**Occenymia**  
 North America..... 23230  
**Occupations**..... 24688  
 See also subhead as an occupation under specific subjects.  
**Ochroma lagopus**. See Balsa.  
**Ocimum kilimandscharicum**. See Basil, camphor.  
**Odonata**..... 23545, 23563  
 See also names of families and genera.  
**Oestrus**. See subhead Estrus under names of animals.  
**Ohio, State Univ. Res.**  
 Found..... 25218  
**Oiketicus kirbyi**..... 23468  
**Oil palm**..... 24393  
**Oil plants**  
 Germany..... 21190  
 seeds..... 24492  
 utilization..... 20656  
 See also names of oil plants.  
**Oilcakes**..... 24396, 24403  
**Oiling**. See Lubricating oils.  
**Oils and fats**..... 23799  
 analysis and composition 24435, 24443  
 animal..... 24447  
 emulsions..... 25171  
 extraction..... 24402  
 for floor finishes. 20410  
 in human nutrition. 25117  
 in insects..... 23512  
 in plants..... 21024  
 India..... 20538  
 Netherlands Indies. 24391  
 nutritive value... 25112  
 processing..... 20538  
 cooperatives..... 24406  
 salvage..... 20231  
 situation and outlook... 20531, 24403  
 statistics..... 24447  
 vegetable... 24406, 24428, 24447, 25112  
 See also Drying oils; Essential oils; Fuel oils; Lubricating oils; and names of oils and fats.  
**Oilseeds**  
 situation and outlook... 24403  
 See also names of oilseeds.  
**Oiticica oil**..... 24413  
**Okra**..... 24208  
**Oleomargarine**. See Margarine.  
**Olive fruitfly**. See Dacus oleae.  
**Olive oil**  
 Aegean Islands..... 24404
- Olive oil--Continued.**  
 analysis and composition 24422, 24428, 24436  
 extraction..... 24388, 24407, 24432  
 Italy... 24405, 24421, 24430  
 Libya..... 24404  
 Spain..... 24386  
 statistics..... 24400  
**Olives**  
 Aegean Islands..... 24404  
 Argentina..... 24212  
 Brazil..... 21282  
 culture..... 21275, 21289, 21827, 24433  
 diseases.... 20811, 20839, 20845, 20869  
 fertilizers..... 21808  
 France..... 20520  
 harvesting..... 21281  
 Italy. 20520, 21257, 21259, 21263, 21274, 21277, 21279, 21283, 21287-8, 21290, 21272, 24385, 24392, 24394, 24399, 24420, 24424, 24430-1, 24439, 24451  
 Libya..... 24404  
 Morocco..... 24444  
 North Africa..... 20520  
 oil..... 24390  
 pests..... 23296  
 preservation..... 24212  
 propagation.. 21263, 21276  
 pruning..... 21274, 21279  
 soils..... 21272, 21894  
 Spain..... 21280  
 statistics..... 24385  
 trade..... 24431  
**Omskii Trest Zernosov-khozov**..... 21104  
**Onchocerciasis**, in horses and asses..... 22566  
**Oncopeltis fasciatus**..... 22913, 22915  
**Onion, fragrant**..... 20925  
**Onion, Welsh**..... 20932  
**Onions**  
 anatomy and physiology.. 20937  
 Chile..... 21593  
 culture..... 20267, 20428, 21580, 21612  
**Onoclea sensibilis**. See Sensitive fern.  
**Ontario, Hort. Expt. Sta., Vineland**..... 21236  
**Ophthalmia, periodic**. 20543  
**Orange, mandarin**  
 vitamins..... 20248  
**Oranges**  
 anatomy and physiology.. 20985  
 diseases..... 20815, 20963  
 irrigation..... 21850  
 marketing..... 24193  
 oil..... 24240  
 peel..... 24247  
 products..... 24223  
 regulation and inspection..... 19998  
 soils..... 21710  
 Spain..... 24174  
**Orchard management**.. 20591, 21245  
 Belgium..... 21254  
 France..... 21254  
 New Zealand..... 21251  
**Orchardgrass**..... 21058  
 diseases..... 20868  
**Orchards**. See Cover crops, orchard; Fruit.
- Orchid**  
 culture..... 20995, 21398, 21538  
 pests..... 23361  
 See also names of orchids.  
**Organizations**.. 24989, 25002  
 Argentina..... 24982  
 bibliographies... 20123-4  
 finance..... 24986  
 Inter-American..... 20491  
 New Jersey..... 25000  
 Spain..... 24273  
 Sweden..... 24986  
 Uruguay... 24718, 25007-10  
 See also Clubs; Cooperative organizations; names of organizations; and subhead associations under specific subjects.  
**Oriental rat flea**. See Xenopsylla cheopis.  
**Ornamental plants**... 21437, 21513  
 culture..... 21541  
 for various situations.. 21422, 21456, 21493  
 perennials.. 21384, 21395, 21399, 21405, 21435, 21519, 21546  
 planting..... 21423  
 propagation.. 21402, 21447  
 seasonal..... 21519, 21544  
 varieties..... 21421  
 See also Flowers; Shrubs; Trees; and names of plants.  
**Ornithodorus papillipes** and disease..... 23122  
**Oroyo fever**..... 23289  
**Orthopodomyia alba**... 23257  
**Orthoptera**  
 North Africa..... 20561  
 See also Grasshoppers and locusts; and names of families and genera.  
**Ossaea**..... 20697  
**Outlook, agricultural**. See Agriculture, situation and outlook.  
**Ovulinia azaleae**  
 on azalea..... 20861  
**Oxen**..... 22553  
**Oxidase**..... 25114  
**Oxygen, effect on plants**.. 20981  
**Oysters**  
 nutritive value... 25087  
**Oystershell scale**. See Lepidosaphes ulmi.
- Pachyrhizus**. See Yam bean.  
**Pachytilus migratorius**... 23533  
**Packaging**..... 23833  
 postwar..... 23839  
 See also Containers; and under names of commodities.  
**Paederia foetida**.... 20928  
**Paederus fuscipes**... 23180  
**Painted lady**. See Vanessa cardui.  
**Painting**..... 23786  
**Paleobotany**..... 20627, 20629-30, 20653  
**Palestine Forestry Soc.**... 22030  
**Palm**. See names of palms.  
**Palmira (Colombia)**. Estación Agr. Expt.... 25216
- Famphillidae**..... 23416  
 See also names of genera.  
**Panama disease**, of banana. See Wilt, of banana.  
**Panama-hat industry**.. 24929  
**Pangolins**..... 23427  
**Panicum, blue**..... 21166  
**Panicum miliare**..... 20674  
**Pantothenic acid**..... 23393  
 See also Vitamin B; Vitamin B<sub>2</sub>.  
**Papain**..... 24101  
**Paper**. See Pulp and paper.  
**Paperboard**..... 20080, 22149  
 industry..... 22143, 22154  
 physical properties..... 22150  
**Paperhanging**..... 20376  
**Papilio, Asia**..... 23514  
**Paracoenosis n. g.**..... 23284  
**Parafield (So. Austral.)**  
 Egg Laying Competition... 22685  
**Parafield (So. Austral.)**  
 Poultry Expt. Sta... 22747  
**Paralysis, in poultry**. See Leukosis, in poultry.  
**Parasites**. See names of parasites; and under names of hosts.  
**Parasitic plants**..... 20754  
**Parasitology**..... 20617  
**Parathyroid**  
 of pigeons..... 22668  
**Paratyphoid**. See Salmonellosis.  
**Paris green**..... 23340  
**Parity**. See under Prices.  
**Parks**  
 Belgian Congo..... 21471  
 Canada..... 21473  
 See also Memorial plantings; and names of parks.  
**Parnassius**..... 23464  
**Parturition**. See Obstetrics; and subheads under names of animals.  
**Paspalum dilatatum**. See Dallis grass.  
**Passion fruit**. See Granadilla, purple.  
**Pasteur, Louis**..... 23538  
**Pasteurella pseudotuberculosis**..... 23542  
**Pasteurellosis**  
 transmission..... 22511  
**Pasteurization**. See Milk, pasteurization.  
**Pasture-Forage-Livestock Program, Nebraska**... 20415  
**Pastures**  
 Australia..... 21139  
 Eire..... 21186  
 fertilizers..... 20439, 21770, 21789, 21810  
 France..... 21147  
 infested..... 22243  
 management.. 20413, 20430, 20432, 21134, 21153, 21161, 21165, 21179, 21181, 21635, 21745, 22318  
 seasonal..... 21150  
 New England..... 21160  
 pests..... 20368  
 planting..... 21162  
 seasonal.... 21133, 21174  
 Union of South Africa... 21143, 21167



- Pastures--Continued.**  
See also Forage plants;  
 Grasses; Grasslands;  
 Grazing; Ley farming;  
 Meadows; Ranges; and  
 subhead feeding and  
 nutrition, pasture and  
 range under Poultry and  
 names of animals.
- Patents**  
 plant.....21224, 21312
- Pathology**  
 forest. See Trees, dis-  
 eases.  
 plant. See Phytopathol-  
 ogy; Plants, diseases.
- Pavlov, I. P.**.....20618
- Pea vine, rough**.....20244,  
 21177
- Peach, Kansu**.....21294
- Peaches**  
 canning.....20234-5, 20240  
 cookery.....20239  
 costs and returns. 24821,  
 24825, 24838  
 culture.....21299  
 fertilizers.....20263  
 for processing.....24264  
 freezing.....20236  
 harvesting..20380, 20462,  
 21304  
 hybrids.....21307  
 marketing....24189, 24192  
 pests.....20591, 23153  
 preservation.....20360  
 prices.....24201  
 varieties.....21291, 21313
- Peachtree borer.** See  
 Sanninoidea exitiosa.
- Peanut butter**.....24448
- Peanut meal**  
 analysis and composition  
 24414  
 as feed  
 for cattle.....21948  
 as fertilizer.....21948
- Peanuts**  
 analysis and composition  
 19985, 24389, 24414,  
 24446  
 culture.....21164  
 curing.....19924, 19938  
 harvesting...19924, 19938  
 history.....21198  
 industry  
 directories.....19943  
 labor.....24825  
 processing.....24446  
 programs.....19983-90  
 regulation and inspec-  
 tion.....19987-90  
 sampling.....19986-90  
 spraying and dusting....  
 19922  
 utilization.....24449
- Pear jam**.....24256
- Pears**.....19912  
 Australia.....24163  
 canning.....19912, 24249,  
 24258  
 diseases....20753, 20755,  
 20854  
 harvesting..21295, 21311,  
 24219  
 pests.....23430  
 pruning.....21302  
 storage.....24219  
 Switzerland..21292, 24179
- Peas**  
 analysis and composition  
 25127  
 anatomy and physiology..  
 21006
- Peas--Continued.**  
 culture.....21583  
 dried.....19964  
 equipment.....23673  
 for processing.....21583  
 harvesting.....23673  
 seed.....24491  
 varieties.....20244
- Pecans**  
 fertilizers.....21732  
 nutritive value....20249
- Pediculosis.** See Lice,  
 on man.
- Pediculus humanus corporis**  
 control.....23564, 23567
- Penicillin**  
 therapeutic use...22220,  
 22248, 22262, 22417,  
 22425, 22516, 22520
- Pentachlorophenol**....22111
- Pentaneura**.....23251
- Pentila**.....23508
- Peony**  
 culture.....21356, 21460  
 shows and sales....21475  
 varieties....21361, 21476
- Peony, tree**.....21367
- People's Dispensary for**  
 Sick Anim., Ilford, Eng..  
 22219
- Peppers**.....21582  
 vitamins.....25162
- Percanestrinia gentilis**  
 n. sp.....23111
- Perennials.** See under  
 Ornamental plants.
- Periodicals**  
 agronomy.....20628  
 botany.....20628
- Periplaneta americana**  
 control.....23534
- Perishable Agr. Commod.**  
 Act.....20182
- Peritonitis, in dogs**. 22520
- Peronospora arborescens.**  
See Downy mildew, of  
 poppy.
- Peronospora parasitica**  
 on cabbage.....20847
- Peronospora tabacina.** See  
 Downy mildew, of tobacco.
- Peroxidase**.....20992
- Persimmons, wood**....20079
- Pest control.** See Insects,  
 as pests; Plants, pests;  
 and names of pests.
- Petrol.** See Gasoline.
- Petunia**.....21385
- pH.** See Soils, hydrogen-  
 ion concentration.
- Phaseolus radiatus.** See  
 Beans, mung.
- Phengodes**.....23171
- Phenol**.....20104
- Phenothiazine**  
 therapeutic use...22394,  
 22563
- Pheretima hupeiensis**. 22940
- Philadelphica Veg. Growers**  
 Coop. Assoc.....24184
- Phlaeoba infumata**..23530-1
- Phlebotomus.** See Fleboto-  
 mus.
- Phleospora hageniae** n. sp.  
 20741
- Phlepsiis irroratus**..23405
- Phlogophora reticulosa**....  
 23512
- Phlox, varieties**.....21478
- Phlyctaenia rubigalis**.....  
 23517
- Phormia regina**.....23274
- Phosphatase**....23988, 25149
- Phosphate rock**.....21956
- Phosphates**.....20279  
 effect on plants...21780  
 fertilizers.....21774,  
 21802, 21945, 21947  
See also Superphos-  
 phates.
- Phosphoric acid**  
 in soils.....21698
- Phosphorus**  
 effect on plants..20964,  
 21944  
 fertilizers..21941, 21969  
 in animal nutrition.....  
 22188, 22820  
 in food.....25098  
 in human nutrition. 25113  
 in poultry nutrition....  
 22634
- Photography**  
 livestock.....22293  
 trees.....20631
- Photoperiodism in plants..**  
 20970, 20984, 20986,  
 20991
- Photosynthesis.** See sub-  
 head anatomy and physi-  
 ogy under names of  
 plants.
- Phototropism**.....20983
- Phragmataecia**.....23462
- Phrixothrix**.....23171
- Phthirus pubis**.....23569
- Phyllocnistis citrella**....  
 23499
- Phyllophaga**.....23189
- Phyllostachys**.....20704
- Phylloxera**.....20841
- Phylloxera vastatrix**. 23407
- Phylloxera vitifoliae**.....  
 23391
- Physicians**.....25061  
 Iowa.....24955
- Phytin**.....22649
- Phytomonas michiganensis**  
 on tobacco.....20865
- Phytomonas savastanoi.** See  
 Knot, of olive.
- Phytonomus nigrirostris**...  
 23206
- Phytopathology**  
 Brazil.....25220  
 technique and equipment.  
 20833  
See also Injections, for  
 plants; Plants, dis-  
 eases.
- Phytophaga destructor**....  
 19999, 22959
- Phytophthora erythrosep-  
 tica.** See Pink rot, of  
 potato.
- Phytophthora fragariae.**  
See Red stele root dis-  
 ease, of strawberry.
- Phytophthora infestans.**  
See Late blight, of po-  
 tato.
- Picea mariana.** See Spruce,  
 black.
- Picea omorika.** See Spruce,  
 Serbian.
- Picea sitchensis.** See  
 Spruce, Sitka.
- Pickling.** See Preserva-  
 tion of food; and sub-  
 heads preservation,  
 salted, and salting under  
 names of products.
- Pieridae**  
 habits and behavior.....  
 23498  
See also names of genera.
- Pieris rapae**...23452, 23477  
 control.....23460
- Pigeon pea**.....20924
- Pigeons**.....20541, 24455  
 breeds and breeding  
 Magpie.....22598  
 care, seasonal.....22691  
 feeding and nutrition  
 deficiencies.....22654
- Pigmentation**  
 hair  
 of cattle.....22422  
 of horses.....22539  
 of swine.....22854  
 of cattle.....22307
- Pigments**  
 plant.....20736, 21024  
See also Color; and  
 names of pigments.
- Pigs.** See Swine.
- Pilosium**.....20733
- Pinaceae**.....20645  
 Mexico.....20707
- Pine**...20901, 21044, 21046,  
 22043  
 Germany.....20889  
 pests.....23372  
 products.....22136  
 pulping.....20080
- Pine, Aleppo**.....22051
- Pine, cluster**.....20977
- Pine, eastern white**  
 diseases.....20808
- Pine, loblolly**  
 culture.....22054  
 management.....20287
- Pine, lodgepole**.....22118
- Pine, Monterey**.....21037
- Pine, ponderosa**  
 soils.....21720
- Pine, red**  
 management.....22068
- Pine, shortleaf**.....22049
- Pine, sugar**  
 wood.....20079
- Pine, western white**  
 diseases.....19997, 20006
- Pine, white.** See Pine,  
 eastern white.
- Pineapple mealybug.** See  
 Pseudococcus brevipes.
- Pineapples, pests**....23359
- Pinellas Growers Assoc.**....  
 21935
- Pink rot, of potato**..20832
- Pinularia**.....20739
- Pinus contorta latifolia.**  
See Pine, lodgepole.
- Pinus echinata.** See Pine,  
 shortleaf.
- Pinus halepensis.** See  
 Pine, Aleppo.
- Pinus lambertiana.** See  
 Pine, sugar.
- Pinus pinaster.** See  
 Pine, cluster.
- Pinus radiata.** See Pine,  
 Monterey.
- Pinus resinosa.** See  
 Pine, red.
- Pinus taeda.** See Pine,  
 loblolly.
- Pinyon nuts**.....20095
- Piona**.....23117
- Piophilus casei**.....23228
- Piroplasma bigeminum**. 23103
- Piroplasmosis, in cattle.**  
See Tick fever, in  
 cattle.
- Pisum sativum.** See Peas.
- Pits.** See Storage, cel-  
 lars and pits.



- Item**
- Planetree, London diseases.....20786
- Planning. See Policies and programs; Postwar planning.
- Plant lore.....20655, 20667
- Planting equipment...23633  
See also kinds of equipment.
- Plants**
- anatomy.....20586, 20630
- breeding....20259, 20666, 21901
- Colombia.....20960
- diseases.....25216
- Brazil.....20789
- France.....20762, 20833
- Italian East Africa... 20761
- maps.....20581
- Minnesota.....20793
- South Dakota.....20760
- Spain.....20575
- transmission.....22995
- fumigation.....23379
- geography.....20649
- germination.....21013
- heredity.....20953
- insect relationships.... 23510
- introduction.....20659, 21352
- metabolism...21003, 21026
- names.....20662, 20665
- nutrition....20603, 21696
- pests.....20575
- physiology..20980, 21001, 21008
- propagation.....20982, 21223, 21225, 21231, 21233, 21264
- quarantine and inspection.....20000-1, 20004, 22995
- respiration.....20981
- tropical and subtropical 21241
- See also Botany; Dormancy, in plants; Ecology; Economic plants; Flora; Genetics, plant; Hardiness, in plants; Patents, plant; Phytopathology; Poisonous plants; Vegetation; subheads under Soils; names of diseases and causal organisms; and names and classes of plants.
- Plasmodium.....23345  
See also Malaria.
- Plasmodium gallinaceum.... 22221, 22659  
See also Malaria.
- Plastics**
- casein.....23998
- sources.....23806
- utilization.....21859
- wood.....23998
- See also subhead plastics under specific subjects.
- Platanus.....20710
- Platyphena scabra....23459
- Plays.....20086
- Pleiochiton.....20680
- Plenodomus destruens on sweetpotato.....20823
- Plesiocoris rugicollis.... 23396
- Item**
- Pleuropneumonia
- in cattle.....22436
- in horses.....22567
- Flowing.....20427, 21828, 21836
- U. S. S. R.....24670
- Flows.....23630, 23632
- Flum jam.....24256
- Flummerana n. g.....23357
- Flums.....20662
- diseases.....20340
- fertilizers.....20263
- harvesting.....20378
- hybrids.....21307
- pests.....23418, 23432
- pruning.....21303
- thinning.....21296
- See also Prunes.
- Plusia gamma.....23512
- Plutella maculipennis.... 23452
- Flywood.....20164
- fireproofing.....22158
- utilization.....22156-7  
See also Veneers.
- Pneumonia, in swine..22886
- Poa monteivansi n. sp.20703
- Poaceae**
- India.....20675, 20699
- Pockets disease
- of Bessey cherry...20340
- of plum.....20340
- Poison-ivy.....19893, 21637
- Poison-oak.....19893
- Poison sumac.....19893
- Poisonhemlock
- diseases.....20262
- Poisoning. See Food, poisoning; Poisonous plants; Toxins; and names of poisonous substances and animals affected.
- Poisonous insects. See Insects, bites.
- Poisonous plants
- India.....22435
- to livestock.....22218, 22266, 22435, 22570
- California.....22275
- New Hampshire....20309
- Union of South Africa. 22264-5  
See also names of poisonous plants.
- Poles.....22118
- Polianthes tuberosa...20916
- Policies and programs.....**
- 20485
- Argentina.....24709
- Australia.....24575
- Brazil.....20506
- Chile.....20479
- Cuba.....24704
- Eire.....24700
- Germany.....24744
- Great Britain.....24736, 24739
- India..24603, 24712, 24745
- international.....20488, 25015
- Nevada.....20497
- Southern States....24735
- Union of South Africa... 24818
- U. S. S. R.....20501, 24778, 24780
- Uruguay.....24703
- Item**
- Policies and programs-- Continued.
- See also Government; Postwar planning; Production, goals; names of Government agencies; and subheads policies, programs, and purchase and sale programs under specific subjects.
- Poliomyelitis.....23266
- Pollen.....20911, 20916, 20932, 20943, 20946, 20958
- anatomy and physiology.. 20993
- as feed for bees...23011
- substitutes.....23011
- Pollination.....21277  
See also Apis mellifera, as pollinators; and under Fruit and names of plants.
- Polychrosis botrana.23465, 23489, 23494
- Polyphylla fullo.....23202
- Polyploidizing agents. See names of agents.
- Polyploidy, in plants.... 20919-20, 20923, 20929, 20955, 20961
- Pomace flies. See Drosophila.
- Poncirus trifoliata. See Trifoliolate orange.
- Ponds...19926, 21851, 21854, 21856
- construction.....20204-5  
See also Fishponds, farm.
- Ponies.....20558
- Pools
- community.....19910
- machinery. See Equipment, cooperatives.
- Popillia japonica
- control.....20004, 23162, 23172
- Poplar...20904, 21477, 22050
- Poppy
- diseases.....20828, 21015
- harvesting.....21200
- Poppy, opium.....21378
- Italian East Africa.... 21663
- Poppy, oriental.....21455
- Population**
- Colombia.....24607
- fertility.....24894
- France.....24895
- Germany.....24861
- Libya.....24592
- migration.....20511
- California.....24893
- rural-urban
- Germany.....24898
- Uruguay.....24805
- Uruguay.....24897
- Peru.....24892
- Portugal.....24589
- See also Land, settlement and colonization.
- Pork, curing.....20119
- Porter, Carlos E.....25194
- Portheiria dispar
- control.....20001
- Post-hole diggers....20409
- Posts. See Fence posts.
- Postwar planning....24753, 24996
- Item**
- Postwar planning--Continued.
- Great Britain.....24880
- India.....24749
- See also Agriculture, postwar; Food and Agr. Organ. of the United Nations; Industry, reconstruction; Relief and rehabilitation; and subhead postwar under specific subjects.
- Potash**
- effect on plants..21611, 21726
- fertilizers.21721, 21967, 21969
- fixation.....21704
- in soils.....21698, 21726
- situation and outlook... 21951
- sources.....21943
- Potassium.....25085
- Potassium carbonate..24236
- Potassium nitrate
- as fertilizer.....21955
- Potato aphid. See Macrosiphum solanifolii.
- Potato flea beetle. See Epitrix cucumeris.
- Potato leafhopper. See Empoasca fabae.
- Potato starch.....20274
- Potato tuber worm. See Gnorimoschema operculella.
- Potatoes**
- Algeria.....21587
- analysis and composition 24243
- anatomy and physiology.. 20943, 20958, 20989
- as feed
- for cattle.....22368
- cooking.....20183
- culture...21558-9, 21592, 21720, 21818, 23637
- diseases.....20764, 20807, 20812, 20832, 20834, 20848, 20989
- control.....19894
- Germany.....20799-800, 20867
- dried.....24207
- as feed
- for swine.....22871
- cooking.....25101
- drying.....24224, 24266
- equipment...23637, 23661, 23667
- fertilizers..21818, 21949
- Germany.....21604, 24154, 24175-6
- Great Britain.....24152, 24155
- harvesting..21584, 21610, 21613, 23661, 23667
- heredity.....20939
- Maine.....24168
- marketing.....24185
- Michigan.....24157
- pests.....23143, 23173, 23365, 23451
- prices.....19966
- processing...24242, 24245
- purchase and sale programs.....19980
- Rhode Island.....24145



**Potatoes--Continued.**  
 seed.....21553, 21556-7,  
 21577, 21586, 21602,  
 24152  
 Germany.....24166  
 storage.....24225  
 treatment.....20436  
 situation and outlook...  
 19913  
 soils.....21720  
 spraying and dusting....  
 20304, 22990  
 storage.....20335, 23764,  
 24243  
 Switzerland..21574, 21586  
 U. S. S. R.....24670  
 varieties...21561, 21575,  
 23143  
 yields.....21570  
See also Silage,  
 potato.  
**Potted plants. See House  
 plants.**  
**Poultry.....22766**  
 age.....22624  
 anatomy and physiology..  
 20125  
 anomalies....22671, 22681  
 Arkansas.....22757  
 Australia.....22724  
 Bantam class.....22601,  
 22606-7, 22625  
 Ixworth, White...22595  
 breeds and breeding.....  
 20418, 22341, 22594,  
 22596-7, 22599, 22603,  
 22605, 22608-10,  
 22613-16, 22622-4,  
 22627, 22682  
 Ixworth, White...22595  
 Leghorn.....22600  
 White.....22619, 22770  
 New Hampshire...22602  
 Poland.....22626  
 broodiness.....22758  
 capons.....22713  
 care...20467, 22692, 22697,  
 22704, 22716, 22722,  
 22725-8, 22741, 22744-5,  
 22753, 22756, 22774  
 seasonal...22687, 22700,  
 22706, 22737, 22743  
 cooperatives.....24480  
 culling.....22690, 22698,  
 22701, 22707-8, 22711,  
 22715, 22730, 22738,  
 22772  
 diseases....19976, 20544,  
 23098  
 Massachusetts....20295  
 New Hampshire...20311  
 dressed.....24482  
 preservation....24464  
 dressing.....20440  
 egg production....22609,  
 22688, 22731, 22751,  
 22763, 22767-8  
 effect of  
 breeding....22618-19  
 feeding....22629, 22637  
 light.....22759  
 laying contests.22685,  
 22689, 22712, 22734  
 equipment....20442, 23724,  
 23731, 23739, 23747,  
 23750  
 perches.....22694  
 farms and ranches.22702,  
 22705, 22714, 22770,  
 22778  
 feeding and nutrition...  
 20242, 20467, 22628,  
 22631, 22646, 22651

**Poultry--Continued.**  
 feeding and nutrition--  
 continued.  
 pasture and range.....  
 21138, 22629, 22702  
 seasonal.....22643  
 frozen.....24483  
 Georgia.....24456  
 Great Britain....22687,  
 22718, 22720, 24453  
 hatcheries...22724, 24468  
 waste, as feed...22639  
 hatching.....22722, 22760  
 heredity.....22671  
 housing.....22603, 23717,  
 23719, 23728, 23730,  
 23736, 23749, 23752  
 designs and specifi-  
 cations.....20245  
 ventilation.....23740  
 hybrids.....22734  
 India.....20555, 22608,  
 24471  
 Japan.....22686  
 judging.....22773  
 Kansas.....22739  
 labor.....24673  
 litter.....22694  
 marketing...24453, 24459,  
 24471  
 meat production...20460,  
 22631, 22664, 22702,  
 22736, 22769, 24456,  
 24463, 24474  
 effect of breeding....  
 22620  
 molting.....22727, 22732,  
 22742, 22764  
 mortality.....22696  
 parasites....23557, 23570  
 Peru.....25237  
 pests.....20435  
 programs.....22710  
 psychology...22721, 22765  
 records and testing....  
 22690, 22709, 22735,  
 22748  
 regulation and inspec-  
 tion.....22718  
 sanitation...22740, 22755  
 sexing, auto-sexing....  
 22623, 22695  
 shows and sales...22594,  
 22607, 22777  
 situation and outlook...  
 20133, 20138, 20531,  
 24466, 24475, 24477-8  
 Spain.....22599, 24480  
 Sweden.....22771  
 systems  
 battery...22747, 22763  
 confinement.....22752  
 Union of South Africa...  
 22712  
 Uruguay.....22600  
 vices.....20243, 22693  
 Virginia.....24481  
 West Virginia....22776  
See also Brooders;  
 Chicks; Cocks; Eggs;  
 Feed; 4-H Clubs, poul-  
 try; Sex, poultry; and  
 names of feeds and of  
 anatomical parts, dis-  
 eases, parasites, and  
 products.  
**Poultry industry.....24479**  
 directories...22739, 22776  
 Georgia.....24482  
 Great Britain....24862  
 North Carolina...24482  
 study and teaching.24952

**Poultry meat. See sub-  
 heads dressed and meat  
 production under Poultry.**  
**Poultry Prod. of Central  
 Calif.....24469**  
 Poults, feeding and nu-  
 trition.....22634, 22645  
 Powders (insecticides).  
See Dusts and dusting.  
 Powdery mildew  
 of grape....20806, 20813,  
 20827, 20837, 20840,  
 20852  
 of wheat.....20820  
 Power.....23683, 23697  
See also Electricity;  
 Equipment, power.  
 Prawns.....24553  
 Precipitation  
 effect on plants...23055  
 Predators. See Wildlife,  
 as pests and predators;  
 and names of predators.  
 Pregnancy. See under names  
 of animals.  
 Pregnancy disease  
 of sheep.....22874  
 Pseudolepis imparis...23448  
 Preservation of food  
 home.....23878  
 India.....23875  
See also Canning and  
 preserving; Freezing of  
 food; and subheads  
 under names of foods  
 and preservative agents.  
 Preserves. See Canning  
 and preserving; Jellies  
 and jams; and subhead  
 canned under names of  
 fruits.  
 Pressure-cooker gauge  
 testers.....20417  
 Prices...20191, 20196, 23852,  
 24571, 24598, 24638  
 Australia.....24575  
 Colombia.....24762  
 control.....20485, 20515,  
 23857, 24598  
 Australia.....24575  
 Costa Rica.....23846  
 Cuba.....23847, 23854  
 Denmark.....23848  
 Minnesota.....23858  
 Mississippi.....24701  
 New Zealand.....23855  
 parity.....23962  
 Portugal.....23906  
 situation and outlook...  
 23853  
 statistics...23846, 23906  
 support.....19962, 23851  
See also Cost and stand-  
 ard of living; Sub-  
 sidies; and under names  
 of commodities.  
 Fridham, J. T.....25199  
 Primrose, Japanese...21524  
 Primula.....20718  
See also Primrose.  
 Primula, japonica. See  
 Primrose, Japanese.  
 Prisoners of war  
 labor.....24665  
 Proboscidiella.....23555  
 Processing. See names of  
 processes; under names  
 of products; and subhead  
 utilization, industrial  
 under Agricultural prod-  
 ucts.  
 Procrustes coriaceus.23164

**Proctotrupidae**  
 Sweden.....23428  
See also names of  
 genera.  
 Prodenia eridania....23516  
 Production  
 goals..20184, 24691, 24696  
 Germany.....24742  
 U. S. S. R.....24815  
See also Agricultural  
 products; Policies and  
 programs; Statistics;  
 names of related sub-  
 jects; and under names  
 of products.  
 Propagation, plant. See  
 under Plants and names  
 of plants.  
 Prosopis.....23287  
 Protease.....24101  
 Proteins.....25158  
 analysis.....24414  
 in animal nutrition....  
 20313, 22213  
 in food.....25110  
 in human nutrition.....  
 25117, 25164  
 in milk.....25111  
 in poultry nutrition...  
 22635  
 in yeast.....25103  
 nutritive value...22203,  
 25099, 25156  
 vegetable.....25099  
See also names of pro-  
 teins.  
 Prothoma.....23357  
 Protoparce sexta....19909  
 Protostrongylus gracilis  
 n. sp., in goats and  
 sheep.....22828  
 Protowoodia n. g....20722  
 Prunes.....19911  
 dried.....20076  
 prices.....24202  
See also Plums.  
 Pruning. See under names  
 of plants.  
 Prunus besseyi. See  
 Cherry, Bessey.  
 Prunus chamaecerasus var.  
 pendula.....20938  
 Prunus kansuensis. See  
 Peach, Kansu.  
 Pseudacteon formicarum....  
 23238  
 Pseudococcinae  
 Fiji.....23382  
 Pseudococcus brevipes....  
 23359  
 Pseudoracelopus.....20729  
 Psocus cabanae n. sp....  
 23561  
 Psoroptes ovis.....23126  
 Psoriasis  
 of citrus....20875, 20882  
 Psychology. See under  
 Poultry and names of  
 animals.  
 Pteridophyta.....20725  
 Brazil.....20721  
 China.....20722  
See also Ferns; and  
 names of families and  
 genera.  
 Pteronidea myosotidis....  
 23206  
 Ptilanthus n. g.....20697  
 Publications. See Bibliog-  
 raphies; and subhead pub-  
 lications under names of  
 authors and issuing  
 agencies.



- Puccinia caniculata.** See Rust, of nutgrass flat-sedge.
- Puccinia carthami.** See Rust, of safflower.
- Puccinia graminis tritici.** 20856  
See also Rust, of wheat.
- Puddlers.**.....23631
- Puerto Rico.** Auditor. 24730
- Fulfrich photometer.**..25148
- Pullet disease.**.....20311
- Pullorum disease.**.....22663  
control.....20295, 20416  
in turkeys.....22661  
control.....22667  
tests.....22666
- Pulp and paper.**.....20100  
Canada.....22144, 22153  
chemistry.....22148  
industry.....22151  
manufacture.....20080  
Northern Ireland...22149  
physical properties....22141, 22147  
plant sources.....23808, 24289, 24555  
plastics.....22137  
regulation.....22145
- Pulpwood.**.....22070, 22152
- Pumpkins**  
anatomy and physiology..20991  
marketing.....24156  
nutritive value....25153  
storage.....24156
- Pumps.** See Irrigation, pump.
- Punjab Fruit Devlpmt. Bd.**.....24169
- Purchasing power.**....24617, 24619
- Mexico.**.....24621
- Purdue Univ.** See Ind.
- Purdue Univ.**
- Pyometra.** See Metritis.
- Pyrausta nubilalis.**...20328
- Pyrethrum**  
harvesting.....21641
- Pyrethrum cinerariae-folium.**.....20595
- Pyridoxine**  
tests.....23503  
See also Vitamin B.
- Pyrostegia venusta.**...21373
- Pyrrhosia.**.....20722
- Pythium aphanidermatum.**...20749
- Pythium debaryanum.** See Leak, of potato.
- Quackgrass.**.....20332, 21640
- Quarantine and inspection.** See Plants, quarantine and inspection; and subhead regulation and inspection under other subjects.
- Quinces.**.....21297
- Quinoa.**.....21091
- Rabbits.**.....22792, 22796, 24335  
as pests.....25168  
breeds and breeding....22783, 22786  
Angora....22782, 22784, 22787-8  
Chinchilla  
Heavyweight....22785  
Lop, German.....22779  
Silver Fox.....22781
- Rabbits--Continued.**  
care...22791, 22799, 22802  
culling.....22788  
farms and ranches...22787  
feeding and nutrition...22788-9  
home raising.....22798, 22803  
housing.....22788, 23727  
hybrid.....22780  
India.....20555  
industry.....22788, 22794, 24333, 24337  
judging.....22801  
marketing.....24358  
records and testing....22795, 22797  
research.....22800  
shows and sales....22793  
slaughtering.....24377  
vices.....22788  
See also Furs, rabbit; Hides and skins, rabbit; Wool, Angora rabbit.
- Rabies.**.....22269  
control.....19904  
in dogs.....22518  
transmission.....22233
- Raddeia.**.....23462
- Radio.**.....20400  
Canada.....25018
- Railroads**  
litigation.....20226  
See also Freight rates; Refrigerator cars; and subhead transportation under specific subjects.
- Railway ties.**.....22119
- Raindrop erosion.**....21902
- Rainfall.** See Precipitation.
- Raisins**  
Australia.....24151  
nutritive value....25152  
syrup.....24215
- Ramie.**...21116, 24122, 24136
- Argentina.**.....24097
- Ranching.** See Livestock.
- Ranges**  
management...19940, 21176  
See also subhead feeding and nutrition, pasture and range under names of animals.
- Rape**  
as feed  
for cattle.....22378  
Germany.....21194, 21199
- Raspberries**  
culture.....20320  
diseases.....20320  
Germany.....21326  
New Zealand.....21342  
pests.....20320  
pruning.....21340  
transportation....24268  
varieties.....21343
- Rationing.**.....23849, 24598  
Argentina.....20505  
Australia.....24575  
See also Black markets; and under names of commodities.
- Rats**  
and disease.....22884  
control.....25166, 25175, 25180, 25187
- Raw materials.**.....24598
- Rayon**  
situation and outlook...24117
- Rayon--Continued.**  
subsidies.....24757  
yarn.....24081
- Real estate.** See Farms and farming; Land.
- Reciprocal trade agreements.** See Trade, agreements and treaties.
- Reclamation.**.....20502  
financing.....20604  
Italy.....20611  
Spain.....21863  
See also Drainage; Irrigation; Land, clearing; Marshes.
- Reconstruction.**.....20485  
bibliographies.....20609  
France.....24615  
Union of South Africa...24756  
See also Postwar planning; Relief and rehabilitation.
- Reconversion.** See Industry, reconversion.
- Recreation.**...20039, 20470-1
- Red burn, of grape.**...20857
- Red-legged grasshopper.** See Melanoplus femurrubrum.
- Red soils.**.....21693
- Red stele root disease of strawberry.**.....20830
- Reduviidae**  
rearing and breeding....23394  
See also names of genera.
- Redwater.** See Tick fever.
- Redwood.**.....20635, 21036  
wood.....20079
- Reeds.**.....24555
- Reforestation.**.....20111, 22032  
Colombia.....22166  
Illinois.....21044  
Italy, Sicily.....21897
- Refrigeration.**.....23881  
Algeria.....23864  
equipment.....23665  
industry.....23665  
Uruguay.....23871  
See also Freezing of food; Locker plants; Refrigerator cars; Transportation, refrigeration; and under names of products.
- Refrigerator cars.**...20147
- Refuse.** See Waste.
- Registration of animals.** See subhead records and testing under names of animals.
- Rehabilitation.** See Relief and rehabilitation.
- Relapsing fever**  
transmission.....23122
- Relief and rehabilitation farmers.**...20058-9, 24939  
India.....25074  
handbooks.....20565  
Korea.....24582  
Mexico.....24902  
See also Reconstruction; U. S. Dept. of Agr.; Farm Security Admin.; Veterans.
- Religion, in rural life.**...20013  
See also Churches.
- Rent**  
control.....20504  
See also Leases.
- Repairing, home and farm.** See Shops, farm; and subhead maintenance and repair under Equipment and kinds of equipment.
- Repellents**  
for insects.....22955
- Resazurin, milk test.**....23980-1
- Rescue grass.** See Brome, rescue.
- Research.**.....25222  
Argentina.....24709  
Arizona.....20258  
Colorado.....20268  
Louisiana.....20290  
Maryland.....20294  
New Hampshire.....20305  
New York.....20319  
Oklahoma.....20339  
Sweden.....25215  
Tennessee.....20344-5  
Texas.....20351  
U. S. S. R.....25217  
See also subjects of research and names of experiment stations and research agencies.
- Reservoirs.**.....19926
- Resettlement.** See Land, settlement and colonization.
- Resins.** See Gums and resins.
- Resorcinol glue.**.....20104
- Resources.** See Natural resources.
- Respiration.** See under Plants and names of animals.
- Restaurants.** See Cookery, large-quantity.
- Reticulitermes lucifugus**  
parasites.....23546
- Rhagoletis pomonella.**....20404, 23259
- Rhescyntis.**.....23475
- Rhinitis, necrotic.** See Bullnose.
- Rhipicephalus appendiculatus, and disease.**...23133
- Rhizobium leguminosarum.**...21713-14
- Rhizopertha dominica**  
anatomy and physiology..23141
- Rhodites.**.....23225
- Rhododendron**  
varieties.....21494
- Rhododendron amoenum.**....21430
- Rhododendron mucronatum f. sekidera.**.....21466
- Rhopalocera.** See Butterflies.
- Riboflavin**  
in yeast.....25160  
See also Vitamin B; Vitamin B2.
- Rice.**.....20483, 23787, 24802  
adulteration.....24277  
anatomy and physiology..20946, 20990, 21011  
associations.....24273  
Australia.....24301  
chemistry.....24297, 25128  
Chile.....21083  
consumption.....24271  
cooperatives.....24292



- Rice--Continued.**  
costs and returns..24829  
culture.....25216  
equipment.....23647  
fertilizers.....21791  
harvesting.....23647  
history.....20483,24303  
India..21093,24277,24829  
market reports.....24286  
marketing.....20483  
milling.....23644  
seed.....21099  
South Carolina .....20483  
Spain.....21063,21097,  
24271,24273,24280,  
24288,24292,24303,  
25043  
statistics...20074,24274  
Tanganyika.....23644  
trade.....20074,25043  
Union of South Africa...  
21084  
utilization.....24280
- Rice moth.** See *Corcyra cephalonica*.
- Rice weevil.** See *Sitophilus oryza*.
- Ricinus communis**.....20701
- Rickets**.....25124
- Rickettsia ruminantium**....  
22253  
See also Heartwater.
- Rinderpest, vaccines**..22413
- Ring spot**  
of celery.....20262  
of poisonhemlock..20262
- Roads**.....21903
- Robinia pseudoacacia.** See  
Locust, black.
- Rock gardens**..21415,21434,  
21437,21444,21532  
seasonal care.....21452,  
21532
- Rocky Mountain spotted fever**  
transmission.....23108
- Rodents.** See names of  
rodents.
- Rodolia cardinalis**...23401
- Roofs**.....23708
- Root crops**  
culture.....21049  
See also names of crops.
- Root tubercles.** See  
Nodules, plant.
- Rootstocks.** See subhead  
propagation under  
Plants; and names and  
classes of plants.
- Rose**.....21453  
culture.....21441,21501,  
21525  
propagation..21390,21502  
soils.....21816  
varieties...20582,21392,  
21417,21424-5,21457,  
21521,21531
- Rose, rambler**.....21443
- Roselle**.....21116
- Rosin**.....22136
- Ross, H. H.**.....23556
- Rotation of crops**..21053,  
21214,21777  
effect on, soils...21731  
U. S. S. R.....20590
- Etenone, insecticides**  
history.....22941  
tests.....22937
- Rothamsted Expt. Sta.**..25212
- Rototiller**.....21926
- Roughage, in animal nu-**  
trition.....22823
- Royal Bot. Gard., Calcut-**  
ta. See Calcutta. Roy.  
Bot. Gard.
- Royal poinciana**  
pests.....23511
- Royal (Dick) Vet. Col.,**  
Edinburgh.....22246
- Ruakura (New Zeal.) Anim.**  
Res. Sta.....22460
- Rubber**  
Brazil.....24484  
plant sources...24485-6,  
24508  
research.....24484  
tapping.....21672  
utilization.....23783  
See also Latex.
- Rubber plants**  
France.....21650  
See also names of  
plants.
- Rubbertree, Para.** See  
Hevea.
- Ruminants.** See names of  
ruminants.
- Runoff**.....21867,21874  
forecasts.....21862  
measurement.....21870
- Rural life**.....20476,20499
- Canada.....24905  
Colombia.....24904  
Great Britain.....25004  
history  
Great Britain...20613  
India.....24900  
Italian East Africa....  
24610  
Kentucky.....24906  
New England.....24899
- Rural schools.** See  
Schools.
- Rust (plant)**  
of asparagus.....23151  
of nutgrass flat-sedge..  
20819  
of safflower.....20818  
of wheat.....20806,20846  
See also *Fuccinium*  
*graminis tritici*.
- Rusty mottle**  
of cherry....20787,20880
- Rutabagas**.....21052
- Germany.....21599
- Rye**  
anatomy and morphology..  
20987  
culture.....21831  
Germany.....21081
- Ryegrass, Italian**...23657
- Ryegrass, perennial**..21058
- Sabadilla**  
insecticides...22913-15,  
23363,23367,23404,  
23406,23460
- Sabal**.....20709
- Saddleback caterpillar.**  
See *Sibine stimulea*.
- Safety**..20078,20187,23580,  
23590
- Safflower**.....20948,21655  
diseases.....20818
- Saffron.** See *Crocus*,  
saffron.
- Sagebrush.** See *Wormwood*.
- St. Augustine (Trinidad).**  
Expt. Sta.....21258
- St. Johnswort**.....22989
- Salsesia oleae, parasites**  
and predators of...23364
- Salad plants**.....20592
- Salads**.....20372
- Salmonella**.....22254  
*Salmonella enteritidis*  
in poultry.....22672  
*Salmonella pullorum*..22665  
*Salmonella schottmuelleri*.  
23541
- Salmonellosis**  
diagnosis.....22240  
in poultry.....22684  
in turkeys.....22661  
See also Fowl typhoid;  
Pullorum disease.
- Salt.** See Sodium chloride.
- Salting.** See subheads  
salted and salting under  
names of products.
- Saltpeter.** See Potassium  
nitrate; Sodium nitrate.
- Salts.** See Mineral salts.
- Samia cecropia**.....23477
- San José scale.** See  
*Aspidiotus perniciosus*.
- Sand cherry.** See Cherry,  
Bessey.
- Sand flies.** See Culi-  
coides; *Flebotomus*.
- Sangallo, Pietro Paolo**  
da., *Esperienze Intorno*  
alla *Generazione delle*  
*Zanzare*.....23320
- Sanitation**.....20497  
See also under specific  
subjects.
- Sanninoidea exitiosa**..20327  
control.....20591,23453
- Santonin**.....21644
- São Paulo, Instituto**  
*Biológico*.....23205
- Saprolegniaceae**.....20964
- Sarcophaga falculata**..23254
- Sarcoptes scabiei suis**....  
23128  
20688
- Saritaeta n. g.**.....20688
- Saturnioidea**  
*British Guiana*....23475  
*Venezuela*.....23475  
See also names of  
families and genera.
- Seunders, Edith Rebecca**...  
25195  
24330
- Sausage**.....24330
- Sauva ants.** See *Atta*.
- Sawflies.** See *Tenthredi-*  
*noidea*; and names of  
families and genera.
- Sawmills**.....22105  
portable.....22103-4
- Scab**  
of apple....20824,20854,  
20858,20859  
of pear.....20854
- Scabies**.....22966,23106  
See also *Sarcoptes*  
*scabiei*.
- Scale insects.** See  
*Coccidae*.
- Scales, platform**....24359
- Scaly ant eaters.** See  
*Pangolins*.
- Scaly bark (Californian).**  
See *Psorosis*, of citrus.
- Scapiteriscus vicinus**..23522
- Scarabaeidae**.....20283-4  
Italy.....23165  
See also names of  
genera.
- Scaramuzza, L. C.**....23241
- Sceliphron caementarium**...  
23119
- Schistosoma nairi n. sp.**...  
22249
- Schizophragma hydrangeoi-**  
des.....21400
- Schkuhria**.....20698
- Schmardaia recordiana**  
n. sp.....20688
- Schools**.....20397,24916,  
24960
- Illinois.....24925  
Manitoba.....24949  
North Carolina....24971  
See also Lunches,  
school.
- Science**.....20610,25222  
and agriculture....23819  
U. S. S. R...20614,25217
- Scirpophaga nivella**..23500
- Sclerotinia sclerotiorum**  
on orange.....20815
- Sclerotium**  
on wheat.....20825
- Scolytus multistriatus**....  
20007
- Scolytus rugulosus**...23153
- Scours, in calves**....22393
- Scree**.....21724
- Screwworms.** See *Cochlio-*  
*myia*.
- Scutigera immaculata**...  
23118
- Sea-onion**.....22266
- Seaweed**  
as feed.....24567  
as fertilizer.....24567  
as food.....24567  
See also Algae.
- Seedbeds**.....20427
- Seeds**.....21232,21235  
and plant disease..20275  
certified...21058,24492,  
24498  
cleaning.....23615  
credit.....24626  
directories.....24560  
equipment.....23615  
Germany.....24502-3  
germination.....20638,  
20962,21001,21004,  
21014,21050,21099  
grading and standardi-  
zation.....20638  
India.....24560  
legal cases.....20146  
legislation.....24497  
marketing.....24490  
Missouri.....24496  
Northwest.....24493  
prices.....24498  
production.....24498  
regulation and inspec-  
tion.....20315,24496,  
24504-5  
respiration.....20962  
situation and outlook...  
24498  
storage.....24495  
Sweden.....24494  
testing..24488,24499-501  
treatment...20801,21714,  
24495  
vernalization....20971,  
21007  
West Virginia.....24505  
See also Embryos, plant;  
and under names of  
plants.
- Selenium**.....21004  
in plants.....25172  
in soils.....25172  
poisoning.....25172  
livestock.....22669
- Selenocephalus**.....23413
- Self-feeders**.....23734



- Item**  
*Senecio sarracenicus*..20684  
 Sensitive fern  
   poisonous plant....20309  
 Separators. See Cream  
   separators.  
*Sequoia sempervirens*. See  
   Redwood.  
*Sericinus telamon anders-*  
*soni n. ssp.*.....23463  
*Sericulture*.....23536  
   Texas.....23539  
   See also *Bombyx mori*.  
*Serositis fibrinosa*  
   in swine.....22880  
 Serum  
   analysis.....22252  
   See also Immunization.  
 Sesame  
   heredity.....20945  
   insecticides.....23425  
 Sewage, disposal  
   Egypt.....23307  
 Sewing.....20381, 20396  
 Sex  
   characters  
     insects.....23293  
     poultry.....22624  
   See also Poultry, sex-  
     ing.  
 Sheep  
   anomalies.....22836  
   Australia.....22844  
   breeds and breeding....  
     22805, 22810-11,  
     22814, 22816, 24082  
   Black-faced Highland..  
     22817  
   Columbia.....22806  
   Karakul...22807, 22813,  
     22815  
   Merino, Delaine...22808  
   Navaho Indians...24090  
   Rambouillet.....22818  
   care, seasonal.....22819  
   cooperatives.....22845  
   costs and returns..24822,  
     24832-3  
   diseases.....22825  
   estrus.....22833  
   farms and ranches..22817  
   feeding and nutrition...  
     22820, 22822  
   pasture and range.....  
     20891, 21287  
   seasonal...22819, 22830  
   Great Britain.....22811  
   history.....22841  
   hybrids.....22807  
   industry.....24334  
   injuries  
     foreign objects..22830  
   Libya.....22807  
   Mules' operation...22835  
   New Zealand.....24322  
   Ohio.....20438  
   parasites....23126, 23274  
   prices.....20150-1  
   programs.....24963  
   records and testing....  
     22847  
   shearing.....24959  
   shows and sales...22808  
   Spain.....22813, 22815  
   spraying and dusting...  
     23270  
   study and teaching.....  
     22842, 24919, 24959  
   subsidies.....19936-7,  
     24758  
   Switzerland.....22843
- Item**  
 Sheep--Continued.  
   U. S. S. R.....22819  
   See also Artificial in-  
     semination, sheep;  
     Feed; Hides and skins,  
     sheep; Lambs; Mutton;  
     Veterinary medicine;  
     Wool; and names of  
     feeds and of anatomical  
     parts, diseases, para-  
     sites, and products.  
   Sheep scab mite. See  
     *Psoroptes ovis*.  
   Sheep tick. See *Melophagus*  
     *ovinus*.  
   Shelterbelts. See Wind-  
     breaks.  
   Shepherds  
     Great Britain.....20613  
   Sherbets.....24035, 24045  
   Shingles.....23785  
   Shipping. See Transpor-  
     tation.  
   Shops, farm...23607, 23610,  
     23723, 23748  
   Shot-hole borer. See  
     *Scolytus rugulosus*.  
   Shrubs..21359, 21389, 21458,  
     21461, 21552  
     espaliers.....21375  
     Germany.....21499  
     injuries.....21445  
     names.....20224  
     propagation.....21403  
     reproduction.....20894  
     See also names of  
       shrubs.  
   Sibine stimulea.....23477  
   Siebold, Philipp Franz  
     von.....25204  
 Silage  
   alfalfa, as feed  
     for cattle.....22368  
   beet.....22195  
   coffee pulp.....22212  
   corn.....22181, 22214  
     as feed  
       for cattle.....22368  
   grass.....20461  
   India.....22216  
   juice, as fertilizer...  
     21998  
   potato.....22198  
   preparation, 22204, 22207,  
     22209, 22216  
 Silica  
   insecticides.....23160  
 Silk  
   dyeing.....24129  
   yarn.....24081  
   See also Sericulture.  
 Silkworm. See *Bombyx mori*.  
 Silos.....23759-60  
*Silpha opaca*.....23201  
 Silviculture  
   coppice system....21035,  
     22067  
   Germany.....21032, 21046,  
     22011, 22046  
   Great Britain.....21027  
   Tropics.....21033, 21040  
   See also names of trees.  
*Silvilagus nuttallii*.23108  
 Simulium  
   habits and behavior....  
     23246  
   parasites and predators  
     of.....23247  
*Simulium venustum*...23275  
*Sinningia*.....21351
- Item**  
 Sirups.....20236  
   See also under specif-  
     ic subjects.  
 Sisal.....24137  
 Peru.....21108  
   See also Agave.  
*Sisicottus*.....23099  
*Sitodiplosis mosellana*....  
   19890  
*Sitophilus granarius*.....  
   22973, 23155  
   control.....23159-60  
*Sitophilus oryza*  
   anatomy and physiology..  
     23141  
 666. See 1, 2, 3, 4, 5, 6  
 Hexachlorocyclohexane.  
 Skeletonweed.....21639  
 Skin, diseases  
   in horses.....22571  
 Skins. See Hides and  
   skins.  
 Slaughtering  
   Italy.....24356  
   statistics.....19939  
   waste  
     as feed.....22199  
     for poultry.....22866  
   See also under names of  
     animals.  
 Sleeping sickness, Afri-  
   can.....23262  
 Slide rules.....22078  
 Slidefilms. See Films.  
 Smaller European elm bark  
   beetle. See *Scolytus*  
     *multistriatus*.  
 Smut  
   of corn.....20850  
   of nutgrass flat-sedge..  
     20819  
   of wheat.....20862  
   See also Ustilaginales.  
 Snails, control.....25182  
*Sochinskaja Opytnaja*  
*Stantsia*.....20606  
 Social conditions  
   Brazil.....24969  
   Japan.....24608  
   Kansas.....24907  
   Latin America  
     bibliographies...25185  
   Peru.....20477  
   Southwestern States....  
     20608  
   Uruguay.....20477  
   See also Cost and stand-  
     ard of living; Health;  
     Rural life; Soil  
     erosion, social effects.  
 Social organization  
   Germany.....20507  
 Social security.....20485  
   for farmers..24642, 26644  
 Social welfare  
   Latin America.....20510  
   Mexico.....24902  
 Society of Amer. Florists.  
   21487  
 Sociology.....24903  
 Sodium, effect on  
   soils.....21861  
 Sodium bisulfate.....22508  
 Sodium carbonate  
   insecticides.....23200  
 Sodium chloride.....24569  
   as fertilizer....21961-2  
 Sodium citrate.....22256  
 Sodium nitrate  
   effect on soils....21954
- Item**  
*Sodium nitrate*--Con-  
 tinued.  
   fertilizers.....21946,  
     21955, 21958, 21960  
   situation and outlook...  
     20602  
 Sodium silicate.....24454  
   See also Water glass.  
 Soft scale. See *Coccus*  
   *hesperidum*.  
 Soil amendments.....21934  
 Soil conservation...20203,  
   20454, 20604, 21892,  
   21901, 21908, 21911,  
   21919, 21922  
 Australia  
   Victoria.....21921  
 California.....21915  
 Canada, Ontario....21858  
   conferences and con-  
     gresses.....20213, 20223  
   districts.....21888  
   equipment.....23602  
   Hawaii.....21905  
   Massachusetts.....21890,  
     21907  
   Montana.....21888  
   New Mexico.....21889  
   New Zealand.....21740  
   Northeastern Region....  
     20214  
 Northern Great Plains...  
   20215  
 Pacific Region.....20216  
 programs.....21896  
 Southeastern Region....  
   20217  
 Southern States....21912  
 Southwestern Region....  
   20218, 20221  
   study and teaching..20212  
 Tennessee Valley...21891  
 Upper Mississippi Region  
   20219  
 Western Gulf Region....  
   20220  
See also Conservation  
   farming; Contour farm-  
   ing; Cover crops; 4-H  
   Clubs, soil conserva-  
   tion; Ponds; Reclama-  
   tion; Soil erosion;  
   Strip cropping; Ter-  
   racing; U. S. Dept. of  
   Agr., Soil Conserv.  
   Serv.; and names of  
   soil conservation dis-  
   tricts.  
 Soil erosion...20203, 21918  
 Australia  
   South Australia..21903  
 Brazil.....21914  
 Colombia.....21923  
 control.....21895, 21906  
   engineering method....  
     21924  
   India.....21916  
 France.....21894  
 India.....21898  
 New Zealand..21740, 21893  
   social effects....20206,  
     20604  
 Tunisia.....21900  
See also Raindrop ero-  
   sion; Runoff; Soil con-  
   servation; U. S. Dept.  
   of Agr., Soil Conserv.  
   Serv.; Wind erosion.  
 Soilless culture....20166,  
   21243  
See also Nutrient solu-  
   tions for plants.



- Soils**.....20207  
acid.....21706  
analysis....21699, 21707,  
21709  
technique and equip-  
ment.....21694  
bacteria.....25189  
base exchange....21702,  
21705-6, 21709  
Belgian Congo.....21920  
Brazil.....21688  
Canada, Alberta....21733  
chalk.....21027  
chemistry.....21700  
classification....21730  
Colombia.....25216  
effect on  
health.....21787  
livestock..21811, 22243  
plants.....21724  
fertility...21766, 21779,  
21788, 21814, 21834  
formation.....21734  
France.....21735  
Limagne.....21737  
Picardy.....21736  
Vimeu.....21790  
hydrogen-ion concentra-  
tion.....21709  
India.....21693  
leaching.....21696  
Libya.....24592  
management..20454, 21743,  
21747, 21760, 21777,  
21920  
New Zealand.....21740  
Sahara.....21742  
maps.....21735  
Massachusetts.....21734  
microbiology.....21712,  
21719  
Missouri.....20406  
moisture....21691, 21729,  
21837  
determination....21687  
effect on  
plants...20980, 21686  
Nebraska.....20300  
nitrogen fixation..21715  
nutrition relationships.  
21908  
organic matter...21712,  
21738, 21795, 21995  
permeability.....21861  
physics.....21685, 21695  
saline.....21860  
sampling.....21703  
sanitation.....21925  
equipment.....21926  
surveys  
Kentucky.....20167  
Missouri.....20176  
Virginia.....20173  
temperature.....21692  
terminology.....20174  
tests.....20300, 21708  
texture.....21688  
U. S. S. R.....20605  
weight.....21690  
See also Drainage; Fer-  
tilizers; Frozen lands;  
Humus; Irrigation;  
Minerals; Runoff; Soil  
conservation; Soil  
erosion; Tillage; Wind-  
breaks; kinds of soils  
and under names of  
plants and soil con-  
stituents.  
Solanum tuberosum. See  
Potatoes.
- Solar radiation**  
effect on  
insects.....23498  
livestock.....22422  
soils.....21692  
Songs.....20419  
Sonification, insect.....  
23487, 23528  
Sorbitol.....24387  
Sorghum  
anomalies.....20908  
as feed, for lambs..22824  
diseases.....20303  
effect on soils....21731  
utilization.....24289  
varieties.....20276  
South-Wide Conf. of State  
and Dist. Supervisors of  
Ext. Work with Negroes...  
20026  
Southeastern Farm Managt.  
Serv.....24797  
Southern armyworm. See  
Prodenia eridania.  
Southern Railway Co..20227  
Southwestern Range and  
Sheep Breeding Lab..24090  
Soybean flour.....24418  
Soybean glue.....20164  
Soybean meal.....24438  
as feed  
for poultry.....22652  
for swine.....22868  
Soybean oil....24384, 24438  
chemistry.....24423  
Soybeans.....24410  
analysis and composition  
24426  
anatomy and physiology..  
20651  
Australia.....24450  
credit.....19991  
fertilizers.....21797  
France.....21197  
pests.....23486, 23504  
processed....24429, 24438  
Sparaxis.....21515  
Sparganothis pilleriana...  
23465, 23484  
Speas Horticultural Farm  
(Mo.).....21244  
Spermatophores.....23424  
Spermatozoa.....22224  
Sphaeroderma rubidum..23168  
Sphecoidea.....23438  
See also names of fami-  
lies and genera.  
Sphongophorus.....23398  
Spices.....21680, 23948  
Spiders  
Great Smoky Mountain  
National Park....23099  
parasites and predators  
of.....23119  
Sweden.....23131  
webs.....23105  
See also names of fami-  
lies and genera.  
Spilomicrus.....23428  
Spinach, anatomy and  
physiology.....20937  
Spinacia. See Spinach.  
Spinning. See under  
Cotton.  
Spinturnix vespertilionis.  
23111  
Spirochaeta anserina..23098  
Sporobolus asper....20712  
Spotted wilt  
of tomato.....20273  
Spray irrigation. See  
Irrigation, overhead.
- Sprays and spraying**..23000  
by airplane..22931, 23469  
calendars and programs..  
22945, 22994  
conferences and con-  
gresses.....23003  
cooperative.....23003  
injuries.....20795  
seasonal.....20781  
tests.....23162  
See also Fungicides;  
Growth substances for  
plants; Insecticides;  
and subhead spraying  
and dusting under  
names of plants.  
Sprinkler irrigation. See  
Irrigation, overhead.  
Spruce.....22081  
pests.....20323  
Spruce, black  
bibliographies....20097  
Spruce, Serbian.....22052  
Spruce, Sitka  
wood.....20079  
Spruce budworm. See  
Archips fumiferana.  
Squash bug. See Anasa  
tristis.  
Stablefly. See Stomoxys  
calcitrans.  
Stables.....23726, 23741,  
23751  
Stacks...23573, 23579, 23581  
Stagmomantis carolina....  
23524  
Stain technology.....20637  
See also names of  
stains.  
Staley, M. E., Mfg. Co....  
24438  
Stallions.....22584  
Standard of living. See  
Cost and standard of  
living.  
Staphylinidae.....23146-7,  
23215  
See also names of  
genera.  
Staphylococcus.....20310  
Starches  
in plants.....21016  
See also kinds of  
starches.  
Starvation. See under Nu-  
trition (human).  
State farms  
U. S. S. R.....21104  
State forests. See For-  
ests, State.  
Statistics....19960, 19969  
Australia  
New South Wales..23903  
South Australia..23909  
Tasmania.....23913  
Canada.....23898  
Alberta.....23897  
Ecuador.....25224  
El Salvador.....23900  
Germany.....23915  
India, United Provinces.  
23905  
international.....23907  
methods....19952, 22896,  
23908, 25219  
sampling.....24307  
Minnesota.....23902  
New Zealand.....23904  
Peru.....23908, 25229  
Portugal.....23901, 23906  
Sweden.....23911-12
- Statistics--Continued.**  
Western Hemisphere..23914  
See also Census; and  
under specific subjects  
Steers. See Cattle, beef.  
Stelis malaisei n. sp....  
23443  
Stem rot  
of tomato.....20842  
Stenonema.....23553  
Stephanoderes hampei..23205  
Stereophotogrammetry. See  
Photography.  
Stereophyllum.....20733  
Sterictophora.....23370  
Sterility, in animals. See  
subhead fertility under  
names of animals.  
Sterols, effect on insect  
growth.....23506  
Stethelmis chilensis  
n. g., n. sp.....23175  
Stilbestrol.....22786  
Stipa tenacissima. See  
Needlegrass, esparto.  
Stock (plant). See  
Mathiola.  
Stomatitis, vesicular  
in horses.....22569  
in sheep.....22569  
in swine.....19891  
Stomoxys calcitrans..23243  
parasites and predators  
of.....23563  
Storage  
buildings...20172, 20335,  
23757, 23762  
cellars and pits...23764  
home.....23763  
See also Elevators;  
Granaries; Locker  
plants; Stored prod-  
ucts; Warehouses; and  
under specific prod-  
ucts.  
Stored products  
pests.....23001  
Straw  
as fertilizer.....21985  
See also kinds of straw.  
Strawberries.....21321  
culture.....21323-4,  
21328-9, 21335,  
21841  
disease.....20830  
Germany.....21326  
Northern Ireland..21332,  
21339  
Switzerland.....21337  
Streptanthera.....21454  
Streptanthera cuprea..21515  
Strepto-staphylo coccus  
vaccine.....22392  
Streptocarpus.....21547  
Streptococcus citrovorus..  
24023  
Streptococcus paracitro-  
vorus.....24023  
Striga lutea.....20754  
Strip cropping.....21906  
Striped cucumber beetle.  
See Diabrotica vittata.  
Strongylosis  
in swine.....22890  
Structures. See Buildings.  
Stubble.....21617, 21831  
as feed.....22628, 22637,  
22822  
Stunt disease  
of blueberry.....20871



- Item  
Subsidies.....24760  
Australia.....24761  
See also under specific subjects.  
Subsistence farming. See Farms and farming, subsistence.  
Sudan grass.....21164  
Sueca (Spain). Estación Arrocera.....21063  
Sugar.....24508, 24516  
analysis and composition 19942  
Australia.....24524  
Brazil.....24519, 24527, 24530, 24537-8  
conservation.....20116, 20234-6, 20238  
costs and returns..24837  
Cuba..20526, 24521, 24536, 24837  
equipment.....23655  
grading and standardization.....24509  
Guadeloupe.....20536  
history...24519, 24527-9, 24535, 24537-8  
India.....24511, 24533  
industry.....24522  
Jamaica.....24713  
manufacture and refining...19978, 24507, 24520  
Martinique.....20536  
nutritive value...25086, 25092  
programs.....19978  
quality.....19942  
regulation and inspection.....24713  
sirup.....24512, 24532  
situation and outlook... 19982, 20230, 20233, 24518, 24534  
substitutes.....24525-6  
trade.....25037  
utilization..24510, 24525  
Sugar, wood. See Wood sugar.  
Sugar beets  
Belgium.....21203-6  
Canada.....21211  
culture.....20047, 21208, 21210, 21212, 21214, 23636  
equipment...23636, 23641  
France.....21207  
harvesting..21201, 21216, 23641  
irrigation.....21212  
labor.....24666  
seed.....20598  
storage.....24513  
U. S. S. R.....20598-9  
Sugarcane.....20153  
Argentina.....21202  
biochemistry.....21209  
Brazil.....24507, 24535, 24969  
breeding.....25216  
costs and returns..24829  
diseases.....20872  
fertilizers..21803, 21955  
Hawaii.....20153, 24515  
history.....24517  
India.....21213, 21215, 21730, 24829  
pests.....22983, 23467  
prices.....24520  
Puerto Rico.....20153  
soils.....21730  
statistics.....24515  
Virgin Islands.....20153  
Sugarcane borer. See Diatraea saccharalis.  
Sulfathiazole.....22556  
Sulfonamides  
therapeutic use...22262, 22657  
See also names of sulfonamides.  
Sulfur  
effect on plants...20964  
fertilizers.....22001  
fungicides.....20813  
Sulfur dioxide  
preservative.....24269  
Sulfuring. See subheads  
dried, drying, and preservation under names of specific commodities.  
Sun. See Solar radiation.  
Sunflower.....21191  
culture.....21196  
France.....21195  
pests.....23488  
seed.....24395  
Sunn hemp. See Crotalaria, wunn.  
Superphosphates  
effect on plants...20963  
Surpluses. See subheads  
purchase and sale programs and surpluses under names of products.  
Surra, in horses....22554  
Sven Hedin's Expedition, 1927-1930. See Hedin, Sven. Expedition, 1927-30.  
Sveriges Fjädrfävelsförnings Kontrollstation, Nykvarn....22771  
Sveriges Lantbrukssförbund.....24986  
Swarming. See Apiculture, colony management, swarming.  
Sweden. Statens Försöksgård, Offer.....21078  
Sweden. Statens Trädgårdssförsök.....21609  
Sweden. Statistiska Centralbyrån.....23912  
Sweet corn. See Corn, sweet.  
Sweetclover  
culture.....21136  
heredity.....20951  
Sweetclover disease  
in cattle.....22409  
Sweetgum, wood.....20079  
Sweetpea.....21496  
Sweetpotato flour..24030-1  
Sweetpotatoes  
as feed.....21173  
cooking.....20178  
costs and returns..24825  
curing.....24203  
diseases.....20823  
injuries.....19888  
labor.....24825  
situation and outlook.. 20178  
storage.....20172, 20247, 24203, 24221, 24261  
vitamins.....20247, 25139  
Zanzibar.....24261  
See also 4-H Clubs, sweetpotatoes.  
Swine.....22897  
anomalies.....22888  
breeds and breeding.... 22850-1, 22853, 22861  
Berkshire.....22859  
Item  
Swine--Continued.  
breeds and breeding-- continued.  
Poland China.....22856  
Spotted.....22857  
Yorkshire.....22856  
Canada.....24835  
care.....22900  
costs and returns..24835  
diseases  
Brazil.....22881  
Canada.....22879  
Eire.....24323  
farms and ranches..... 22898-9  
feeding and nutrition... 22865, 22867, 22869, 22872-4, 22877-8  
pasture and range..... 20272, 22864, 22870, 22875-6  
Germany.....22894, 24343  
heredity.....22854  
housing.....23733  
hybrids.....22854, 22856  
Italy.....22896  
Maryland.....24321  
New Zealand.....24325  
Norway.....22851  
Portugal.....22895  
prices.....20136-7, 22852  
records and testing.... 22861, 22893  
Spain.....22877  
types.....22852, 22855  
meat.....22863  
weight and measurement.. 22896  
See also Boars; Feed; Future Farmers of Amer., swine; and names of feeds and of anatomical parts, diseases, parasites, and products.  
Syfania.....23462  
Symbiosis.....20841  
insect.....23437  
Synchytrium endobioticum. See Wart, of potato.  
Syngamus trachea....22675  
Syssphinx.....23471  
Tabellaria fenestrata.... 20969  
Tachinidae  
Canada.....23226  
See also names of genera.  
Take-all  
of barley.....20851  
of wheat.....20844, 20851  
Tangerines. See Orange, mandarin.  
Tankage.....19963  
Tanning.....24371, 24376  
cattle-hide.....24382  
materials.....22155  
methods, chrome...24374  
New Zealand.....23904  
See also Hides and skins; Leather.  
Tansy.....24015  
Tanypodinae, Iowa....23251  
Taphrina communis. See Leaf curl, of Bessey cherry; Leaf curl, of plum; Pockets disease, of Bessey cherry; Pockets disease, of plum.  
Taraxacum kok-saghyz. See Kok-saghyz.  
Item  
Tariff, Germany.....20507  
Tarnished plant bug. See Lygus oblineatus.  
Tasmanian Producers' Organ.....25013  
Taxation  
Colombia.....24607  
Great Britain.....24653  
income tax...22009, 24652  
Great Britain....24648  
land-value.....24646  
Spain.....24647  
See also Assessment; and under specific sub-jects.  
Tea.....23921  
Chile.....21649  
India.....23941  
Italian East Africa.... 21662  
trade.....23941  
Teachers.....24903  
Technicians, Uruguay..24915  
Technology, Germany..24804  
Telagrium prothoracicum n. sp.....23551  
Telephones.....23571  
Temperature  
- effect on  
Acarina.....23134  
eggs.....22729  
insects...23254, 23256, 23360, 23477  
milk...23988, 24020-1, 24024-5  
plant disease....20821  
sheepskins.....24101  
See also Heat; Soils, temperature.  
Tenancy. See Land, tenure.  
Tendipes.....23229  
Tenebrionidae.....23204  
See also names of genera.  
Tenn. Agr. Expt. Sta..... 20344-5  
Tenn. Valley Authority. See U. S. Tenn. Valley Authority.  
Tenthredinoidea  
South America.....23434  
See also names of families and genera.  
Terapus.....23174  
Teratology.....20556  
See also subhead abnormalities under Insects; and subhead anomalies under Poultry.  
Termites  
castes.....23550  
See also names of families and genera.  
Terracing....20391, 21899, 21904, 21909, 21917  
Terrariums.....21381  
Tetanus, control....22273  
Tetracanthella ethelae n. sp.....23562  
Tetracosanoic acid...24561  
Tetralopha scortealis.... 23499  
Tetranychus telarius control.....23130  
Tetraploidy. See Polyploidy.  
Tettigades.....23410  
Tettigoniella viridis. See Cicadella viridis.  
Tettigoniidae  
habits and behavior.... 23528  
See also names of genera.



Item	Item	Item	Item
Tex. Agr. Expt. Sta.....	Tipulidae	Trade--Continued.	Trees--Continued.
20351, 22388	California.....23220	Argentina.....20505	pruning.....21419
Tex. USDA Wage Bd.....20122	South America.....23221	Australia.....24585, 25048	reproduction.....20894,
Textiles	See also names of	Brazil.....20506, 25034	21030
analysis and composition	genera.	Canada.....25040	seeds.....21004
20539, 24081	Tires....20157, 20514, 23704	Chile.....25047	Southwest Pacific.....20110
Argentina.....24065	Tissue cultures	Colombia.....25020	See also Forests; Memo-
Costa Rica.....20535	animal.....22965	Cuba.....24200	rial plantings; Nurser-
Germany.....24115	See also Embryos.	Fiji.....24551	ies (plant); Photog-
India.....24111	Titus bahiensis.....23138	Finland.....25040	raphy, trees; Wind-
industry.....20532	Toads.....22983	foreign.....20068, 24613,	breaks; and names and
labor.....20532	Toast.....20354	25028, 25032, 25042	classes of trees.
See also Fibers; and	Tobacco	Great Britain.....25046	Trentepohlia.....23221
names of textiles.	anatomy and physiology..	international.....20473,	Trentepohlia lagenifera...
Thanasimus formicarius....	20651	20485, 20507, 24571,	20738
23154	Costa Rica.....20535	24598	Trephognathus n. g....23190
Thanatus vulgaris borealis	culture.....21220	Latin America.....20510,	Triatoma infestans
n. ssp.....23131	curing.....24541, 24543	25036	and disease.....23381
Thasus acutangulus...23409	diseases....20821, 20831,	policies and programs...	rearing and breeding...
Theileria parva.....22221,	20865, 20877, 21219	25033	23393, 23395
23133	Europe.....24539	Portugal.....24589	Tribolium.....23194
Theobaldia. See Culiseta.	fertilizers.....21755	Portuguese Africa..25041	Tribolium madens.....23195
Theridion.....23099, 23102	Germany.....21218	Scandinavia.....25040	Trichilia emetica....20676
Thermotropism.....23395	grading and standardi-	Spain.....25027	Trichinosis.....22889
Thiamine	zation.....24544	statistics.....25020	China.....22884
in animal nutrition.....	history.....24548	Sweden.....24609	Trichloroacetonitrile.
22873	India.....20523	U. S. S. R...25035, 25042	See Tritox.
in milk.....25115	marketing....20281, 24542	See also under names of	Trichoderma viride...21017
in yeast.....25160	New Zealand.....21217	products.	Trichogramma, rearing and
sources.....25114	packaging.....24547	Trailers.....23699	breeding.....23423
stability.....25133	pests.....19909	Transportation	Trichoplusia ni.....23452
See also Vitamin B;	prices.....20126	Amazon Region.....24590	control.....23460
Vitamin B1.	quality.....20132	Colombia.....24607	Trichoptera.....23556
Thistle, Canada.....21640	regulation and inspec-	costs.....23829	See also names of fami-
Thomas meal.....21957	tion.....20134	court cases..20225, 20227	lies and genera.
Thompson, Guy A.....20226	Spain.....25044	Latin America.....20510	Trichostrongylosis
Three-day fever. See	trade.....25044	rates.....20225, 20227	in calves.....22404
Dengue.	utilization.....20523	refrigeration.....20147,	Trichuris vulpus.....22521
Threshing.....23657	Virginia.....23966, 24545	23821, 24268	Trifoliate orange....21261
equipment.....23654	Tobacco, Turkish....24546	Southwestern States....	Trifolium alexandrinum.
Thyoposis.....23115	Tobacco flea beetles. See	20608	See Clover, Egyptian.
Thyroid, of poultry..22674	Epitrix hirtipennis.	water.....24310	Trigonurus.....23188
Thysanoptera	Tobacco hornworm. See	See also Freight rates;	Triploidy. See Polyploidy.
Italy.....23554	Protoparce sexta.	and under Airplanes,	Tristeza, of citrus..20750
See also names of fami-	Tomatoes	Trucks, and names of	Tritox.....22921
lies and genera.	breeding.....21601	commodities.	Trogium pulsatorium..23547
Tick fever	culture.....21585, 21601,	Traps. See Baits and	Trombicula fritti n. sp..
in cattle...22414, 22419,	21603, 21611	traps.	23135
22423, 22428	diseases....20308, 20802,	Trashy fallow. See Till-	Tropical and subtropical
See also names of tick-	20842, 20870, 20881	age, stubble-mulch.	plants. See Plants,
borne diseases.	resistance.....20273	Traumatomutilla.....23436	tropical and subtropical.
Tickclover.....21180	harvesting.....20379	Traxanellus n. g....23357	Truck crops. See Vege-
Ticks	juice..21538, 24233, 25091	Trays.....23679	tables; and names of
control.....22968	marketing....24146, 24198	Tree hoppers. See Mem-	crops.
See also names of fami-	situation and outlook...	bracidae.	Truck farming..19961, 21572
lies and genera.	24160	Trees.....20631	Uruguay.....21554
Tile.....23784	Switzerland.....21606	anatomy and physiology..	See also Vegetables; and
Tillage.....20591, 21825,	varieties.....20273	20915	names of crops.
21834, 21838-40	Tools.....23623, 23625	Australia.....20588	Trucks.....23698
effect on soil.....21836	See also names of tools.	breeding.....21039	transportation by
fallowing.....21832	Tortula californica	browsing.....22082	Maryland.....20291
seasonal.....21824	n. sp.....20728	care.....20102	Trypanosomiasis
stubble-mulch.....21833	Toxins	Central Pacific....20110	in cattle.....22391
U. S. S. R.....24670	bacterial.....20310	China Sea Region...20573	See also Surra.
See also Cultivators;	Ixodinae.....23121	diseases....20770, 20784,	Trypoxylon.....23119
Flowing; Flows; and	Toxoptera graminum..23356,	20967	Tsetse flies. See Glbs-
subhead culture under	23385, 23400	equipment.....23634	sina.
names of plants.	Trace elements. See	Ethiopia.....22048	Tuberculosis, in cattle
Tillamook Burn.....22087	Minor elements.	fertilizers.....21783	control.....22399
Timber	Tractors....23683, 23685-6,	Great Britain.....20584	Tulip.....21526
marketing.....22015	23693, 23703	identification....20421,	Tulip bulb aphid. See
See also Beans; Lumber;	fuel.....22161	20584	Anuraphis tulipae.
Mine timbers; Wood.	India.....23682	in soil conservation...	Tuliptree.....21028
Timber scribes.....22095	maintenance and repair..	21901	Tumors
Timomenus pieli n. sp....	23692, 23701	injuries....20777, 20797,	in dogs.....22514
23548	power take-off....23690	21445	See also Lymphoma.
Timothy.....20432, 21058	shows and sales....23700	Italy.....20611	Tung-oil tree.....21681
Tinea secalella.....22973	situation and outlook...	names.....20224	anatomy and physiology..
Tingo Maria (Peru) Es-	19950	Nevada.....20421	20927
tación Experimental Agrí-	Trade	notable.....20640	Argentina....21643, 21671
cola.....24702	agreements and treaties.	ornamental.....21461	culture.....21665
Tipula.....23220-1, 23294	20485	planting.....23634	fertilizers.....21781



**Item**  
 Turf.....23367-8  
See also Grasses.  
 Turkeys.....22754  
   breeds and breeding  
   Jersey Buff.....22621  
   care.....22703, 22733,  
     22746  
   costs and returns..24823  
   diseases.....22655, 22677  
   farms and ranches..22719  
   feeding and nutrition...  
     20333, 22632  
   fertility.....22612  
   industry.....24458  
   mortality.....22660  
   programs.....19975,  
     22749-50  
   situation and outlook...  
     19958  
   weight and measurement...  
     22762, 24472  
See also National Turkey  
Impr. Plan; Poults.  
 Turnips.....21052  
 Twine.....24081  
 2, 4-D.....20798, 21616,  
     21622, 21624, 21633  
 Typhlocyba froggatti..22976  
 Typhus  
   control.....23565, 23567  
 Tyroglyphus nadius  
   n. sp.....23113  
 Tyrophagus longior...23109  
  
 Ultraviolet ray  
   effect on rabbits..23753  
 Uncinula necator. See  
   Powdery mildew, of grape.  
 Unemployment. See Em-  
   ployment.  
 Union of South Africa.  
   Natl. Bot. Gards....20652  
 Unionicola.....23117  
 United Nations Food and  
   Agriculture Organization.  
   See Food and Agr. Organ.  
   of the United Nations.  
 United Provinces Military  
   Poultry Development and  
   Marketing Scheme....24471  
 U. S. Army  
   food.....23795  
   training.....20160  
   See also Armed forces;  
   Equipment, military;  
   Land, military; Vet-  
   erans; and subheads  
   armed forces and war  
   use under specific sub-  
   jects.  
 U. S. Dept. of Agr..19901,  
   20117-18, 20162, 21396,  
   22800, 25165, 25176  
   Agr. Adjust. Agency....  
     19920  
   See also Agricultural  
   Conserv. Program.  
   Agr. Econ., Bur. of  
   publications.....19949  
   Clubs.....20161  
   Commod. Credit Corp....  
     19978-81, 19991, 19994  
   Ent. and Plant Quar.,  
   Bur. of.....20005  
   Ext. Serv.....20031, 20043  
   Farm Credit Admin.....  
     20051-2  
   Farm Security Admin....  
     20054, 24939  
   Fed. Crop Ins. Corp....  
     20062  
   Forest Serv..20113, 22165

**Item**  
 U. S. Dept. of Agr.--Con-  
   tinued.  
   information services....  
     20019  
   Library.....19917-18  
   personnel.....19915  
   Personnel, Off. of..20163  
   publications.....20046  
   Secretary, Off. of..20199  
   Soil Conserv. Serv.....  
     20207, 20223, 21896  
   Biology Div.....20210  
   personnel.....20212  
   See also names of soil  
   conservation dis-  
   tricts.  
 U. S. Dept. of Agr. Wel-  
   fare Assoc., Inc....19914  
 U. S. Employment Serv....  
   20031  
 U. S. Fish and Wildlife  
   Serv.....22800  
 U. S. Foreign Econ. Admin.  
   24810  
 U. S. Government. See  
   Government; and names of  
   agencies.  
 U. S. Interstate Com.  
   Comm.....20152, 20225-7  
 U. S. Navy  
   training.....20160  
 U. S. Off. of Defense  
   Transportation.....22523  
 U. S. Tenn. Valley Author-  
   ity.....21891, 24793,  
     24795-6  
   bibliographies.....20624  
 U. S. War Dept. See U. S.  
   Army.  
 Urena lobata. See Cadillo.  
 Urginea. See Sea-onion.  
 Urine, fertilizers...21977  
 Uruguay. Junta de  
   Carne.....24366  
 Ustilaginales.....20355  
   See also Smut.  
 Vaccines.....22267  
   See also Immunization;  
   names of vaccines; and  
   under names of dis-  
   eases and organisms.  
 Valencia (Prov.), Spain.  
   Cámara Oficial Agrícola..  
     24740  
 Valerianaceae.....20596  
 Vanessa cardui.....23513  
 Vastrestrongylus sinicus  
   n. sp., in goats and  
   sheep.....22828  
 Vedalia. See Rodolia  
   cardinalis.  
 Vegetables  
   Brazil.....20524  
   breeding.....21578  
   canning.....24248  
   home.....20457  
   containers.....24200  
   cooking.....20388  
   cooperatives.....24184  
   culture.....21557, 21581,  
     21830  
   home raising....20359,  
     20423, 20592  
   seasonal.....21568-9  
   diseases  
   U. S. S. R.....20886  
   distribution.....24195  
   dried.....23679, 24209  
   chemistry.....20564  
   gas packing.....24235  
   nutritive value..20564

**Item**  
 Vegetables--Continued.  
   drying.....24228, 24244,  
     24250  
   equipment.....23679  
   fertilizers.....21762,  
     21777-8, 21800  
   freezing.....20049, 20373  
   Germany.....21564, 21597  
   Great Britain.....20576,  
     24187  
   harvesting.....19961  
   India.....20587  
   industry.....24178  
   injuries.....20780  
   irrigation.....21864  
   juices and sirups..24222  
   legislation.....20182  
   marketing...20053, 24183,  
     24187, 24191, 24196  
   New Mexico.....20423  
   New Zealand.....20583  
   nutritive value...20388,  
     25132, 25142  
   packaged.....23844  
   pests.....22969  
   planting.....19961  
   Portugal.....24141  
   preservation.....24229,  
     24259, 24269  
   home.....24220  
   processed.....20229  
   processing...24222, 24226  
   purchasing.....20229  
   quarantine and inspec-  
   tion.....20004  
   seeds..19947, 19965, 20668,  
     24490  
   treatment.....20392  
   shows and sales....21226  
   situation and outlook...  
     20531  
   South Carolina.....21886  
   Spain.....21590, 24191  
   storage.....23757, 23763,  
     24227, 24239, 24246  
   Sweden.....21609  
   trade.....20069  
   transportation.....20147  
   See also Gardens and  
   gardening, victory;  
   Greenhouses, vege-  
   table culture; Root  
   crops; Truck farming;  
   and names of vegetables.  
 Vegetation  
   Chile, Chico.....25184  
   Guatemala.....20670  
   Libya.....24592  
   Morocco.....21412  
   See also Ecology, plant;  
   Flora.  
 Velvetbean caterpillar.  
   See Anticarsia gemma-  
   tilis.  
 Veneers.....22157, 22160  
   manufacture.....20085  
   See also Plywood.  
 Ventilation. See under  
   Poultry, housing.  
 Verruca peruviana. See  
   Oroyo fever.  
 Verticillium, wilt  
   of guayule.....20855  
 Vesicularia.....20729  
 Veterans  
   apiculture.....23064  
   bibliographies.....20609  
   credit.....20056, 20061,  
     24623-4  
   employment...20031, 20163  
   farming.....24786, 24889

**Item**  
 Veterans--Continued.  
   land settlement...24849,  
     24853, 24856  
   Australia.....24843,  
     24855, 24866  
   Canada.....24864  
   Great Britain....24842  
   Newfoundland....24851  
   poultry farming...24862  
   services.....20036  
   training.....24950, 24973  
   U. S. S. R.....24786  
 Veterinarians.....22247  
 Argentina.....22272  
 Veterinary medicine..20554,  
   22258  
 Argentina.....22250  
 Australia.....22238  
 Canada.....22262  
 drugs.....22229, 22236  
 Eire.....22230  
 Great Britain.....22219  
 history.....22250, 22279  
 international relations.  
   22222  
 Italy.....23835  
 Mexico.....22234  
 Nyasaland.....22251  
 practice....22232, 22247,  
   22268, 22279, 22825,  
   24364  
 technique and equipment.  
   22252, 22267, 22277,  
   22891  
 Uganda.....22271  
See also Immunization;  
 Obstetrics; names of  
 drugs, diseases, and  
 organisms; and sub-  
 heads diseases, para-  
 sites, and surgery un-  
der names of animals.  
 Viburnum, pests.....23375  
 Viburnum acerifolium f.  
   collinsii n. f.....20713  
 Vicia faba. See Broad-  
   beans.  
 Victoria regia.....21520  
 Victory Farm Volunteers...  
   19883  
 Victory gardens. See  
   Gardens and gardening,  
   victory.  
 Villages  
   Africa.....24910  
   Burma.....24913  
   Germany.....24909, 24911,  
     24914  
   Great Britain.....24912  
 Vinegar.....23945  
 Vines.....20224  
 Vineyards. See Grapes.  
 Viridin.....21017  
 Viruses and virus dis-  
   eases (animal). See  
   names of diseases and  
   under names of animals.  
 Viruses and virus dis-  
   eases (plant)  
   of crucifers.....20878  
   properties.....20876-9  
   transmission....20261-2,  
     20758, 20873, 23354  
   See also names of dis-  
   eases and under names  
   of plants.  
 Vitamin A.....25096  
   in animal nutrition....  
     20313, 22211  
   in fish products...25148  
   in food.....20250, 20357  
   in human nutrition..20446



- Vitamin A--Continued.**  
in milk.....20252  
in poultry nutrition....  
22211,22640  
stability.....25148  
tests.....25138  
See also Carotene.
- Vitamin B**  
growth substance...25120  
in food.....25143  
in vegetables.....25139  
stability.....25139-40  
tests.....25085  
See also Niacin; Panto-  
thenic acid; Pyridox-  
ine; Riboflavin; Thia-  
mine.
- Vitamin B<sub>1</sub>**.....25113  
in human nutrition.20447  
stability.....25100  
See also Thiamine.
- Vitamin B<sub>2</sub>**.....25154  
and health.....25163  
in human nutrition.20448  
in milk.....25146  
See also Niacin; Panto-  
thenic acid; Ribo-  
flavin.
- Vitamin B<sub>6</sub>**. See Pyridoxine
- Vitamin B<sub>c</sub>**  
in poultry nutrition....  
22630,22645
- Vitamin C**  
in food.....25129,25151  
in fruit.....25121  
in human nutrition.20450  
stability...25091,25106,  
25118  
synthetic.....25129  
See also Ascorbic acid.
- Vitamin D**  
deficiencies.....25149  
in poultry nutrition....  
22634,22649  
tests.....25119
- Vitamin E**  
sources.....25125  
therapeutic use....22274
- Vitamin G**. See Riboflavin;  
Vitamin B<sub>2</sub>.
- Vitamin P**.....25122
- Vitamins**  
in animal nutrition.....  
22178  
in fruit.....25107  
in vegetables.....25107  
stability...23988,25084,  
25095,25101  
tests.....19974,25104  
therapeutic use....22217  
See also Growth sub-  
stances for plants;  
names of specific vita-  
mins; and under names  
of products.
- Vittaria**.....20722
- Volumus obscurus**....23380
- Vultures**.....22280
- Wages**  
Australia  
Tasmania.....24675  
Germany.....24672  
Great Britain.....24655  
Portugal.....23906  
regulation.....20122  
statistics.....23906  
Uruguay.....24664
- Wahlenbergia**.....21370
- Waite, Merton Benway**.25202
- Walker, E. H., Key to the**  
More Common Plants..20597
- Walnut, eastern black**  
soils.....21723
- Walnut meal, as feed**.22192
- Walnut, Persian.** See Wal-  
nuts.
- Walnuts**  
culture.....21346,21348  
diseases.....20864  
pests.....23490  
propagation.....21349
- War damage**  
France.....24615  
See also Reconstruction;  
Relief and rehabilita-  
tion.
- Warehouses**.....20148  
pests.....23002
- Wart, of potato**.....20807
- Waste**  
as fertilizer.....21931  
utilization.....23807  
See also under names of  
products.
- Water**  
agreements.....21882  
effect on  
plants.....21009,21309  
forest relations..21855,  
21867  
purification.....24226  
rights.....20211  
supply.....20604,23963  
Arizona.....21882  
Colombia.....21885  
Colorado.....20266  
Italy.....21897  
Libya.....24592  
Red River Basin  
(Minn.).....21880  
Southern States..21871  
underground..21867,21871  
See also Drainage;  
Drought; Floods, con-  
trol; Irrigation;  
Ponds; Precipitation;  
Runoff; Soils, mois-  
ture.
- Water conservation**  
Australia  
New South Wales..21873  
conferences and con-  
gresses.....20213  
Northeastern Region.....  
20214  
Northern Great Plains...  
20215  
Pacific Region.....20216  
Platte River Valley.....  
21869  
Southeastern Region.....  
20217  
Southwestern Region.....  
20218,20221  
Upper Mississippi Region  
20219  
Western Gulf Region.....  
20220
- Water glass**.....24462  
See also Sodium  
silicate.
- Watering.** See under Live-  
stock; and names of ani-  
mals.
- Waterlily**.....21377,21416  
varieties.....21407
- Watersheds**.....20604
- Wattle.** See Acacia.
- Waxes**.....21022  
See also names of waxes.
- Weather.** See Climate and  
weather.
- Weaving**.....20405
- Weeds**  
control.....20798,21615,  
21617,21619-21,21627,  
21629,21631-2,21635-6  
chemical..21614,21616,  
21618,21622-4,21633-4  
equipment..23611,23674  
seeds.....20979,21628  
U. S. S. E.....21630  
See also Herbicides; and  
names of weeds.
- Weights and measures**.....  
24302,25181  
See also Scales; and  
subhead weight and  
measurement under names  
of livestock.
- Weisia sweetii** n. sp.....  
20728
- Welding**..23593,23596,23605  
equipment.....20386
- Welfare.** See Social wel-  
fare.
- West Tenn. Truck Growers'**  
Assoc.....24198
- W. Va. Dept. of Agr. Seed**  
Lab.....24504
- Wetwood, of elm**.....20866
- Wheat**  
anatomy and physiology..  
20846,20990,21000,  
21002  
area of production.19931  
Argentina.....25022  
as feed  
for poultry.....22650  
Australia.....24291  
breeding.....21065  
byproducts.....20158  
Canada.....21065  
costs and returns..24829  
culture.....21101,21831  
diseases...20806,20820,  
20825,20844,20846,  
20862  
fertilizers.....20439,  
21758,21776,21796,  
21946  
France....21071-2,21075,  
21079  
germination.....21007  
India..24279,24307,24829  
milling and baking  
quality.....24291  
moisture content..24272  
pests.....19890  
programs.....19994  
seed.....21073-4,21089  
treatment.....24489  
statistics...24279,24307  
storage, pests....23141,  
23159-60  
Switzerland.....21070  
trade.....25022  
treated, as feed  
for poultry.....22648  
Uruguay.....21095  
varieties...21076,21094,  
21098,21103  
yields.....20846  
See also Flour; Mills  
and milling.
- Wheat-germ oil**.....25125
- Wheat midge.** See Sitodi-  
plosis mosellana.
- Wheatgrass**.....21187
- Wheels, wood**.....23691
- Whey, utilization**....25069
- Whipworms, in dogs.** See  
Trichuris vulpus.
- White ants.** See Termites.
- White grubs.** See Phylloph-  
aga.
- White sapote**.....21265
- White sapote, woolly-leaf.**  
21265
- Wild-rye, Russian**....21187
- Wildlife**  
Africa.....23298  
as pests and predators...  
20435  
conservation.....21846  
statistics.....20088  
See also names of ani-  
mals and birds.
- Williams, W. L.**.....22279
- Willow**.....21477,22050  
anatomy and physiology..  
20992
- Wilt**  
of banana....20814,20860  
of flax.....20838  
See also kinds of wilt  
and causal organisms.
- Wind erosion**  
Canada.....21910
- Windbreaks**.....20208
- Window-box gardens**..21355,  
21530
- Windows**.....23711
- Wine**  
aging.....23928  
analysis and composition  
23930  
Argentina.....23947  
Australia.....23925  
California.....23938  
fermentation.....23937  
France.....23930,23935  
Germany.....23934,23936  
industry.....23917  
directories.....23926  
legislation..23935,23938  
manufacture.20579,23920,  
23934,23936,23940,  
23946  
musts.....23919,23937  
pasteurization....23932  
preservation.....23923  
sanitation.....23929  
Spain.....23918  
Switzerland..23940,23943  
Tunisia.....23920  
vitamins.....25140  
See also kinds of wine.
- Wiring, electric**....23781
- Wistaria**.....21386
- Witloof**.....21576
- Women**  
Peru.....20477  
Uruguay.....20477  
See also Attitudes,  
women.
- Wood**  
as fuel...20089,22159-61  
Belgium.....20578  
bibliographies....20106  
bonding.....20087,20092,  
20094,20098,20104  
burning.....22109  
chemistry....22107,22113  
China Sea Region..20573  
finishing.....22134  
identification....20570  
impregnated.....22140  
New Guinea Region..22038  
Philippine Islands.20570  
physical properties....  
20570,22108,22110,  
22152  
plastics.....20090,22137  
preservation....22111-13  
Puerto Rico.....20112



	Item		Item		Item		Item
Wood--Continued.		Wool--Continued.		Work management. <u>See under</u>		Yeast--Continued.	
pulping....	20080-1, 20100	Canada.....	24135	Labor; <u>and</u> names of in-		nutritive value....	25089,
research.....	20114	care and handling..	24099	dustries.		25103, 25109, 25134	
seasoning.....	22128	chemistry.....	24083	Worms.....	22245	sources.....	20091
technology...	22106, 22120	cooperatives.....	24109	in calves.....	22394	vitamins.....	25114, 25160
utilization.....	20101,	dyeing.....	24098, 24129	in dogs.....	22513	Yellow fever.....	22925
20112, 20570, 20656,		effect of		in sheep.....	22838	transmission.....	23350
22115, 22117, 22120,		branding.....	24103-5	<u>See also</u> names of worms		Yellow-fever mosquito.	
22122, 22124-7, 23998		grading and standardi-		and anthelmintics.		<u>See Aedes aegypti.</u>	
chemical.....	20091	zation.....	24130	Wormwood.....	21644	Yellow poplar. <u>See Tulip-</u>	
waste, utilization.....		India.....	24128	Wounds, in horses....	22556	tree.	
20090, 20105		industry.....	24070, 24140	Wramby, G.....	22880	Young Farmers' Clubs	
<u>See also</u> Ashes; Compreg;		marketing..	24064, 24103-4	Wuchereria bancrofti.....	23336-7	Great Britain.....	24985,
Lumber; Plywood; Tim-		Portugal.....	24116			25004	
ber; Veneers.		prices.....	24063-4			Youth.....	20022
Wood flour.....	20108	processing.....	24132	X-ray		conferences and con-	
Wood sugar.....	20091	properties.....	24118	effect on insects..	23232	gresses.....	20034
Wood tick. <u>See Dermacentor</u>		purchase and sale pro-		Xenocerus.....	23179	education and training..	
venustus.		grams.....	19992	Xenopsylla cheopis..	23541-2	24938, 24940	
Woodlands, farm.....	20115,	quality.....	24090, 24112,	Xyelidae.....	23417	migration.....	24896
22073, 22077		24134		<u>See also</u> names of		Negro.....	20029
Canada.....	22072	recovery.....	24101	genera.		programs.....	20036
Fire.....	22075	scouring.....	24120	Xystophora.....	23454	<u>See also</u> Clubs, youth;	
Idaho.....	20278	synthetic.....	24102			Education; 4-H Clubs;	
management...19880, 22076		trade.....	25025	Yam bean.....	22977	Future Farmers of Amer.	
Wool		yarn.....	24080-1	Yanhuitlan Codex....	20626	Yucca whipplei.....	21409
Argentina.....	24082	<u>See also</u> Insurance,		Yarn, count.....	24081		
Australia...24073, 24084,		wool.		Yeager, Albert Franklin...	20666	Zelotes.....	23099
24089, 24092, 24099,		Wool, Angora rabbit..	22788	Yeasts.....	23948	Zigadenus. <u>See Deathcamas.</u>	
24102-4, 24106, 24110,		Woolly apple aphid. <u>See</u>		dried.....	25089	Zoology.....	20615-17
24139, 25025		Eriosoma lanigerum.				Zootermopsis.....	23552



# PUBLICATIONS WANTED

If you can supply any of the publications listed below through purchase, gift, or exchange, please notify the Library, United States Department of Agriculture, Washington 25, D. C.

- American Morgan Horse Register, Inc. American Morgan Horse Register. v. 1-5. New York, 1894-1939.
- American Race Horses, 1936-42. New York, 1936-42.
- American Society for Metals. American Society for Metals Hand Book, 1933. Cleveland, Ohio, 1933.
- American Trotting Association. Digest of Racing Rules. Chicago, 1931.
- Appaloosa Horse Club. The Appaloosa Horse. Moro, Oreg., 1941.
- Ashbrook, F. G. Fur Farming for Profit. Revised ed. New York, n. d.
- Australia. Council for Scientific and Industrial Research. Division of Animal Health. Zebu (Brahman) Cross Cattle and Their Possibilities in North Australia. Nos. 1-5. Melbourne, 1934-41.
- Barker, A. F. Wool Carding and Combing. London, 1912.
- Barretto de Souza, J. M. T. Elementary Equestrianism. New York, 1922.
- Barretto de Souza, J. M. T. Horseback Riding Made Easy. New York, 1935.
- Barton, F. T. Horses and Practical Horse-Keeping. London, 1911.
- Barton, F. T. The Kennel Encyclopedia. Ed. 2. Boston, 1929.
- Barton, F. T. Ponies and All about Them. London, 1911.
- Bartlett, J. American Stallion Register. v. 1-5. Middlebury, Vt., 1909-1936.
- Beal, O. F. The Development of Sociology in the United States: with Special Reference to American Pioneers in Sociology. Salt Lake City, 1944.
- Bean, L. H. Conference on Research in National Income and Wealth. Uses of National Income Estimates in Agricultural Research and Policy. Washington? 1941.
- Becker, F. The Breed of the Racehorse. London, 1936.
- Biddell, H. The Heavy Horses: Breeds and Management. Ed. 2. London, 1896 (Live Stock Handbooks No. 3).
- Borden, S. The Arab Horse. New York, 1906.
- Bosworth, C. E. Breeding Your Own. New York, 1939.
- Boucalt, J. P. The Arab, the Horse of the Future. London, 1905.
- Bourke, H. S. J. Horse Training. London, 1928.
- Bradburn, J. Breeding and Developing the Trotter. Boston, 1906.
- Bradley, O. C. Topographical Anatomy of the Limbs of the Horse. Edinburgh, 1920.
- Bradley, O. C. Topographical Anatomy of the Thorax and Abdomen of the Horse. Edinburgh, 1922.
- British Research Association for the Woollen and Worsted Industries. Publication No. 78. Leeds, Eng., 1930.
- British Research Association for the Woollen and Worsted Industries. Sheep Breeding Committee. Annual Report, 1920. Leeds, Eng., 1920.
- Busbey, H. Recollections of Men and Horses. New York, 1907.
- Busbey, H. The Trotting and Pacing Horse in America. New York, 1904.
- Bussigny, H. L. de. Equestrianism. Boston, 1922.
- Calder, A. The Bacon Pig. London, 1936?
- Carlson, G. L. Studies in Horse Breeding. Norfolk, Nebr., 1910.
- Carroll, W. E. Pig Projects and Profits. Danville, Ill., 1937.
- Castle, W. E. Mammalian Genetics. Cambridge, Mass., 1940.
- Chemical Engineering Catalog, 1940. New York, 1940.
- Clydesdale Horse Society of the United Kingdom of Great Britain and Ireland. The Clydesdale Horse. Glasgow, 1920.
- College of Estate Management. Reports of the College Traveling Scholars in Agriculture. No. 4. (Improvement in Bacon Pigs) London, 1937.
- Collins, R. W. Race Horse Training. Lexington, Ky., 1936.
- Hamblin, S. F. Lists of Plant Types for Landscape Planning. Cambridge, Mass., 1929.
- Horner, J. The Linen Trade of Europe during the Spinning-Wheel Period. London, 1920.
- Lopez Dominguez, F. A. El Desarrollo Agrario de Puerto Rico y Sus Implicaciones Sociales. Buenos Aires, 1939.
- Machado, L. La Isla de Corcho; Ensayo de Economía Cubana. Havana, 1936?
- Major, H. S. Fat Lamb Raising. Brisbane, Queensland, 1941.
- Manchester Statistical Society. Transactions. Manchester, Eng., 1927/28.
- Massingham, H. J. Men of Earth. London, 1943.
- Meynell, E. H. M. Country Ways. London, 1942.
- Miall, A. M. Gardening Made Easy. London, 1943.
- Miller, W. D. The Narragansett Planters. Worcester, Mass., 1934.
- Niles, G. G. Bog-trotting for Orchids. New York, 1904.
- Nowosielska, Z. Polish Wartime Cookery Book. Glasgow, 1942.
- Oldmeadow, E. The Lilies of the Kitchen; Onions, Leeks, Shallots, Garlic and Chives. London, 1944.
- Outdoor Circle of Honolulu. Trees and Flowers of the Hawaiian Islands. Honolulu, 1944.
- Peacock, H. A. Elementary Microtechnique. Ed. 2. London, 1942.
- Peterson, W. H. Notes on Biochemistry of Food and Nutrition. Ed. 3. New York, 1939.
- Porter, C. E. Lecciones Elementales de Entomología Agrícola. Santiago, Chile, 1942.
- Prime, C. T. How to Identify Trees and Shrubs from Leaves or Twigs. Ed. 3. Cambridge, Eng., 1942.
- Procter, H. R. Principles of Leather Manufacture. Ed. 2. New York, 1922.
- Pyle, R. How to Grow Roses. Ed. 18. New York, 1937.
- Ragatz, L. J. The Agricultural Revolution; the Transformation of Rural Techniques in Europe during the Eighteenth and Early Nineteenth Centuries. London, 1937.
- Rios, I. J. Hacia Una Coordinación de la Economía Sudamericana. Valparaíso, 1941.
- Royal Society of Arts, London. Committee on Leather for Bookbinding. Report. London, 1905.
- Scott, G. D. Heredity, Food and Environment in the Nutrition of Infants and Children. Boston, 1941.
- Seymour-Jones, A. The Sheep and Its Skin. London, 1913.
- Simonsen, R. O. Aspectos da Historia Económica do Café. São Paulo, 1940.
- Smith, C. H. The Story of the Mennonites. Scottsdale, Pa.? 1940.
- Stather, F. Haut- und Lederfehler. Wien, 1934.
- Stiasny, E. Gerbereichemie (Chromgerbung). Leipzig, 1931.
- Stiasny Festschrift, 1937. Darmstadt, 1937.
- Thom, C. Aspergilli. Baltimore, 1926.
- Trimble, H. The Tannins. 2 v. Philadelphia, 1892-94.
- Turner, C. Our Food Supply: Perils and Remedies with a Foreword by the Hon. Edward Strutt. London? 1906.
- Valko, E. Physical Chemistry of Textile Processes. Pt. 1. Physical Chemistry of Fibers. New York, 1942.
- Webster's Foresters' Diary and Pocket Book, 1944 ed., by B. H. Tripp. London, 1943.
- Whitlock, J. H. Outline of Veterinary Histology. Ithaca, N. Y., 1944.
- Wilson, J. A. Chemistry of Leather Manufacture. 2 v. Ed. 2. New York, 1929. (American Chemical Society Monograph No. 12)
- Woodhouse, L. G. O. The Butterfly Fauna of Ceylon. Colombo, 1942.

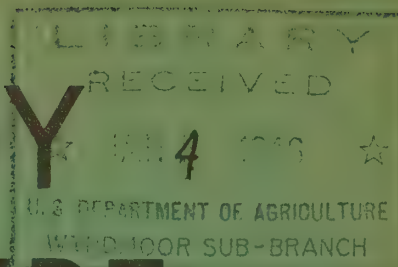






1.914 6  
B471

# BIBLIOGRAPHY OF AGRICULTURE



U.S. DEPARTMENT  
OF AGRICULTURE  
LIBRARY





United States Department of Agriculture Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B.—Bulletin; C.—Circular; J.—Journal; P.—Publication; Q.—Quarterly; U.—University; U. S. D. A.—United States Department of Agriculture; Ybk.—Yearbook; Z.—Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

**MICROFILMS:**

Periodical Articles.—A flat charge of 50 cents for any single article, from any single volume of a periodical.

Books and Serial Publications.—50 cents for each 50 pages or fraction thereof.

**PHOTOPRINTS:**

50 cents for each 10 pages of text or fraction thereof.



# UNITED STATES DEPARTMENT OF AGRICULTURE

## LIBRARY

### BIBLIOGRAPHY OF AGRICULTURE

Vol. 7

December 1945  
Items 25239-29510

No. 6

#### CONTENTS

Item	Item	Item
U. S. D. A. PUBLICATIONS.....	Soils and Fertilizers..26886-	Logging.....27180
25239-25660	27120	Lumber Industry.....27183
STATE AGR. EXPT. STA.	Soil Science.....26886	Sawmills.....27185
PUBLICATIONS.....25661-25795	Soil Physics.....26887	Wood Technology.....27190
STATE AGR. EXT. SERV.	Soil Chemistry and	Chemical and Physical
PUBLICATIONS.....25796-25970	Mineralogy.....26897	Properties.....27191
BOOKS AND PAMPHLETS.....25971-	Soil Biology.....26912	Preservative Treat-
26121	Soil-Plant Relation-	ment.....27193
PERIODICAL AND SERIAL	ships and Soil Re-	Seasoning and Con-
LITERATURE.....26122-29510	quirements.....26915	ditioning.....27198
Plant Science.....26122-26885	Soil Genesis, Formation,	Forest Products.....27199
Systematic and Geographic	Classification, and	Barrels, Boxes, and
Botany.....26160	Mapping.....26920	Crates.....27209
Spermatophytes.....26182	Soil Management.....26938	Building Construction....
Pteridophytes.....26247	Soil Fertility.....26946	27212
Bryophytes.....26254	Soil Tilth and Till-	Charcoal.....27218
Algae.....26261	age.....26995	Furniture.....27219
Fungi and Lichens...26271	Drainage, Irrigation,	Naval Stores.....27221
Pathology.....26303	Water Supply, and	Plastics.....27225
Fungus Diseases.....26326	Flood Control.....27004	Pulp and Paper.....27227
Bacterial Diseases...26369	Erosion and Erosion	Tanning Materials...27240
Virus Diseases.....26373	Control.....27046	Veneers and Flywood.27241
Diseases Caused by	Sanitation.....27076	Miscellaneous.....27243
Nematodes.....26384	Materials for Soil Im-	Education.....27246
Ecology.....26386	provement.....27078	Forest Influences...27251
Morphology, Anatomy, and	Primary Materials.....27081	Wildlife.....27252
Cytology.....26403	Secondary and Minor	Animal Industry...27261-27847
Genetics.....26447	Element Materials..27087	Breeds and Breeding...27261
Physiology.....26461	Fertilizer Statistics....	Feeds and Feeding....27265
Biochemistry.....26538	27101	Veterinary Medicine...27291
Silviculture.....26550	Mineral Soil Amend-	Miscellaneous.....27329
Field Crops.....26565	ments.....27106	Cattle.....27336
Cereals.....26575	Manures and Composts.....	Breeds and Breeding.27336.
Fiber Crops.....26602	27107	Feeds and Feeding...27383
Forage Crops and	Forestry.....27121-27260	Veterinary Medicine.27402
Grasses.....26614	Forest Economics and	Miscellaneous.....27446
Oil Crops.....26648	Policy.....27121	Dogs and Cats.....27472
Sugar Crops.....26660	Legislation.....27145	Breeds and Breeding.27472
Tobacco.....26668	Forest Description and	Feeds and Feeding...27486
Horticultural Crops...26670	Resources.....27146	Veterinary Medicine.27487
Fruits.....26682	Individual Genera and	Miscellaneous.....27497
Citrus and Subtrop-	Species.....27156	Horses and Mules.....27505
ical.....26688	Forest Administration and	Breeds and Breeding.27505
Deciduous.....26707	Management.....27158	Feeds and Feeding...27511
Small.....26716	Farm Woodlands.....27161	Veterinary Medicine.27515
Nuts.....26729	Mensuration.....27166	Miscellaneous.....27527
Ornamental Plants...26734	Forest Protection and	Poultry.....27534
Vegetable and Truck	Damage.....27167	Breeds and Breeding.27534
Crops.....26823	Fire.....27169	Feeds and Feeding...27573
Weeds and Poisonous	Meteorological Injuries..	Veterinary Medicine.27606
Plants.....26856	27176	Miscellaneous.....27642
Miscellaneous Economic	Lumbering.....27178	
Plants.....26867	Equipment.....27179	



Item	Item	Item
Rabbits.....27725	Analysis and Composi- tion.....28444	Rubber and Rubber Sub- stitutes.....28993
Breeds and Breeding..27725	Consumption and Utiliza- tion.....28451	Seeds.....28999
Feeds and Feeding...27744	Distribution, Marketing, and Transportation...28452	Sugar and Sirups.....29009
Veterinary Medicine..27747	Grading, Inspection, Standardization, and Quality.....28468	Tobacco.....29032
Miscellaneous.....27748	Packing and Packaging..28473	Miscellaneous Products.... 29036
Sheep and Goats.....27763	Prices, Price Control, and Rationing.....28479	Agricultural Economics and Rural Sociology..29052-29357
Breeds and Breeding..27763	Processing and Storage.... 28489	Agricultural Finance..29082
Feeds and Feeding...27775	Statistics.....28509	Credit.....29084
Veterinary Medicine..27781	Beverages and Condiments... 28520	Income.....29093
Miscellaneous.....27795	Dairy Products.....28566	Inflation.....29096
Swine.....27805	Analysis and Composi- tion.....28595	Insurance.....29097
Breeds and Breeding..27805	Consumption and Utiliza- tion.....28612	Taxation.....29098
Feeds and Feeding...27813	Distribution, etc.....28615	Agricultural Labor and Wages.....29103
Veterinary Medicine..27827	Grading, etc.....28622	Agriculture - Situation, Policies, and Pro- grams.....29121
Miscellaneous.....27836	Processing and Stor- age.....28632	Agriculture, Post- war.....29168
Entomology.....27848-28247	Feed and Forage Crops..28651	Subsidies.....29173
General - Economic....27864	Fibers and Textiles...28664	Farm Management and Land Economics.....29175
Apiculture and Apis	Fruits, Vegetables, and Nuts.....28723	Bookkeeping and Records.. 29222
Mellifera.....27934	Analysis and Composi- tion.....28754	Cost of Production..29224
Colony Management...27975	Consumption and Utiliza- tion.....28756	Land Settlement and Colonization.....29239
Arachnida, Myriapods, Etc.....27990	Distribution, etc.....28757	Land Tenure.....29249
Coleoptera.....28023	Grading, etc.....28770	Land Utilization....29250
Diptera.....28060	Packing and Packaging.... 28774	Land Values and Valua- tion.....29255
Culicidae.....28101	Processing and Stor- age.....28778	Population.....29262
Hemiptera (Heteroptera and Homoptera).....28128	Statistics.....28809	Rural Social Organiza- tion.....29266
Hymenoptera.....28153	Grain and Grain Prod- ucts.....28811	Institutions.....29271
Lepidoptera.....28168	Honey and Beeswax....28852	Rural Organizations and Movements.....29303
Orthoptera.....28212	Livestock and Livestock Products.....28854	Trade, Foreign and Inter- national.....29335
Sericulture and the Silkworm.....28227	Analysis and Composi- tion.....28891	Food and Human Nutrition.... 29358-29430
Smaller Orders.....28231	Distribution.....28895	Food Habits.....29395
Anoplura and Mallophaga.. 28245	Grading, etc.....28908	Nutritive and Vitamin Content.....29397
Agricultural Engineering..... 28248-28425	Prices, etc.....28910	Miscellaneous.....29431-29510
Farm Machinery.....28258	Processing and Stor- age.....28915	History and Biography..29463
Tillage Machinery...28285	Statistics.....28921	Inter-American Relations... 29485
Planting Machines and Fertilizer Distrib- utors.....28286	Oils and Oilseeds....28925	Meteorology.....29487
Harvesting, Threshing, Drying, and Processing Equipment.....28288	Poultry and Poultry Products.....28960	Research.....29488
Trucks, Tractors, and Other Farm Power (In- cluding Fuels)....28320		Statistics.....29495
Farm Structures.....28339		New Periodicals and Serials.....29499
Farmhouses.....28342		AUTHOR AND SUBJECT INDEXES.
Service Buildings...28363		
Storage Structures..28393		
Farm Utilities.....28403		
Materials and Methods.... 28423		
Agricultural Products: Processing, Distribution, and Statistics...28426-29051		

U. S. D. A. Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B. - Bulletin; C. - Circular; J. - Journal; P. - Publication; Q. - Quarterly; U. - University; U. S. D. A. - U. S. Department of Agriculture; Ybk. - Yearbook; Z. - Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture, which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

MICROFILMS: 50 cents for any single article, from any single volume of a periodical. Books and Serial Publications.--50 cents for each 50 pages or fraction thereof.

PHOTOPRINTS: 50 cents for each 10 pages of text or fraction thereof.



UNITED STATES DEPARTMENT OF AGRICULTURE  
LIBRARY

B I B L I O G R A P H Y   O F   A G R I C U L T U R E

Vol. 7

July-December 1945

Nos. 1-6

C O N T E N T S

<u>Item</u>	<u>Item</u>
United States Department of Agriculture Publications.....1-215, 5329-5487, 9527-9651, 14723-14958, 19879-20241, 25239-25660	Forestry.....2045-2232, 6958-7105, 11454-11631, 16561-16727, 22009-22172, 27121-27260
State Agricultural Experiment Station Publications.....216-317, 5488-5562, 9652-9751, 14959-15028, 20242- 20358, 25661-25795	Animal Industry.....2233-3091, 7106-7688, 11632-12373, 16728-17661, 22173-22900, 27261-27847
State Agricultural Extension Service Publications.....318-478, 5563-5716, 9752-9854, 15029-15113, 20359- 20471, 25796-25970	Entomology.....3092-3644, 7689-8167, 12374-12911, 17662-18191, 22901-23570, 27848-28247
Books and Pamphlets.....479-671, 5717-5879, 9855-10077, 15114-15315, 20472-20625, 25971-26121	Agricultural Engineering.....3645-3856, 8168-8362, 12912-13146, 18192- 18392, 23571-23786, 28248-28425
Periodical and Serial Literature.....672- 5328, 5880-9526, 10078- 14722, 15316-19878, 20626-25238, 26122-29510	Agricultural Products: Processing, Distribution, and Statistics.....3857- 4700, 8363-9032, 13147-14009, 18393-19174, 23787-24569, 28426-29051
Plant Science.....672-1738, 5880-6732, 10078-11117, 15316-16283, 20626-21683, 26122-26885	Agricultural Economics and Rural Sociology.....4701-5189, 9033-9376, 14010-14502, 19175- 19730, 24570-25048, 29052-29357
Soils and Fertilizers.....1739-2044, 6733-6957, 11118-11453, 16284-16560, 21684- 22008, 26886-27120	Food and Human Nutrition.....5190-5264, 9377-9474, 14503-14614, 19731- 19798, 25049-25164, 29358-29430
	Miscellaneous.....5265-5328, 9475-9526, 14615-14722, 19799-19878, 25165-25238, 29431-29510
	Author and Subject Indexes.



U. S. D. A. Miscellaneous Publication 337, Abbreviations Used in the Department of Agriculture for Titles of Publications, is followed in this publication with the exception of the following: B. - Bulletin; C. - Circular; J. - Journal; P. - Publication; Q. - Quarterly; U. - University; U. S. D. A. - U. S. Department of Agriculture; Ybk. - Yearbook; Z. - Zeitschrift.

Items marked with an asterisk (\*) are ordinarily available in microfilm or photoprint only. Items marked with two asterisks (\*\*) have not been verified.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture, which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library at the following prices:

#### MICROFILMS:

Periodical Articles.--A flat charge of 50 cents for any single article, from any single volume of a periodical.  
Books and Serial Publications.--50 cents for each 50 pages or fraction thereof.

#### PHOTOPRINTS:

50 cents for each 10 pages of text or fraction thereof.



PUBLICATIONS OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS, STATE AGRICULTURAL EXTENSION SERVICES, AND BOOKS AND PAMPHLETS FROM OTHER SOURCES

U. S. D. A. PUBLICATIONS

Includes printed and processed publications of the Department received in the library during the preceding month, except restricted publications and materials issued for internal administrative use rather than for public distribution.

This issue contains the semiannual list of periodicals issued by the Department. Periodicals are listed by title under the issuing agencies.

Printed publications may be obtained free upon application to the Office of Information, United States Department of Agriculture, Washington 25, D. C., as long as the Department's supply lasts. After this free distribution is exhausted, publications may be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Processed publications may ordinarily be obtained free of charge from the issuing bureau as long as the supply lasts.

Publications preceded by an asterisk (\*) are not available for distribution; microfilm or photoprint copies can be supplied at the cost of preparing them.

Administrative Series

- 25239 WHAT'S your future; a guide for USDA employees' career development. U. S. D. A. Admin. Ser. 5, 8 p. 1945. 1 P432A  
Management improvement; manpower utilization.

Circulars

- 25240 SCOFIELD, C. S. The water requirement of alfalfa. U. S. D. A. C. 735, 11 p. 1945. 1 Ag84C

Farmers' Bulletins

- 25241 BREGGER, J. T., and BROWN, G. F. Conserving soil and moisture in orchards and vineyards. U. S. D. A. Farmers' B. 1970, 30 p. 1945. 1 Ag84F  
25242 SHEDD, C. K. Handling and storing soft corn on the farm. U. S. D. A. Farmers' B. 1976, 13 p. 1945. 1 Ag84F

Miscellaneous Publications

- 25243 BREEDING better vegetables for the South at the U. S. Regional Vegetable Breeding Laboratory. U. S. D. A. Misc. P. 578, 34 p. 1945. 1 Ag84M  
25244 VITAMIN A in butter. U. S. D. A. Misc. P. 571, 14 p. 1945. 1 Ag84M

Periodicals

- 25245 AGRICULTURE decisions under the regulatory laws administered in the United States Department of Agriculture (including court decisions). Monthly. 1 Ag84Ad  
25246 CONSUMER time. Weekly. Processed. 1.9424 A8C76  
Radio script for reference only "and may not be broadcast without special permission."

- 25247 CONSUMERS' guide. Monthly. 1.94 A4422C  
25248 CROPS and markets. Quarterly. 1 Ag84W/cm  
Statistics of crop and livestock production, farm employment and wage rates, farm income, farm prices, etc.  
25249 JOURNAL of agricultural research. Semi-monthly. 1 Ag84J  
25250 RADIO round-up; a weekly service for directors of women's radio programs. Processed. 1.942 F3R11N  
Distributed from 5 regional offices - Atlanta, Chicago, Dallas, New York, and San Francisco.  
25251 USDA. Fortnightly. 1 Ag84U  
Items about the Department of Agriculture and its personnel.  
25252 USDA summary [of releases and reports]. Daily. Processed. 1.90 A2Un3

Radio Broadcasts (Processed)

- 25253 HAMBIDGE, G. Food and Agriculture Organization [of the United Nations]. 2 p. Sept. 15, 1945. (Your Home and Garden Program) 1.914 A2H17  
25254 MERCKER, A. E., and TONKIN, J. Potatoes. 2 p. Sept. 22, 1945. (Nat'l. Farm and Home Hour) 1.956 F94M53  
What USDA is doing to assist in marketing this year's near record crop.  
25255 MOORE, E. What's new in the poultry industry. 3 p. Recorded Oct. 11, 1945. (Farm Sci. Serves the Nation No. 24) 1.914 A2F222  
High lights in poultry research.  
25256 STARK, P., and TONKIN, J. Community school lunch program. 3 p. Sept. 8, 1945. (Your Home and Garden Program) 1.956 F73St2  
25257 TONKIN, J., and WATKINS, V. Potatoes plentiful once more. 4 p. Sept. 1, 1945. (Your Home and Garden Program) 1.914 R2T61  
25258 VAN DEMAN, R., and GAPEN, K. Abundant cabbage for home-made sauerkraut. 4 p. Oct. 6, 1945. (Your Home and Garden Program) 1.982 A2V28  
25259 VAN DEMAN, R., and TONKIN, J. New garments from old knitwear--reminder on potato abundance. 3 p. Sept. 22, 1945. (Your Home and Garden Program) 1.982 A2V28  
25260 VAN DEMAN, R., and TONKIN, J. Take care of household equipment until post-war models are ready...Consumers part in raising cost of living. 3 p. Sept. 29, 1945. (Your Home and Garden Program) 1.982 A2V28  
25261 WHITE, W. H. How insecticides are developed -- II. 2 p. Recorded Sept. 27, 1945. (Farm Sci. Serves the Nation No. 23) 1.914 R2F222  
Efforts to control the Mexican bean beetle.  
25262 WILSON, M. L., and TONKIN, J. Fire prevention week. 2 p. Oct. 6, 1945. (Nat'l. Farm and Home Hour) 1.913 A2W692  
25263 ZAHNISER, H., and TONKIN, J. Research and 2, 4-D; or How science made a 4-base hit with an acid. 2 p. Sept. 29, 1945. (Nat'l. Farm and Home Hour) 1.965 A2Z1

Technical Bulletins

- 25264 FOX, D. E., CHAMBERLIN, J. C., and DOUGLASS, J. R. Factors affecting curly top damage to sugar beets in southern Idaho. U. S. D. A. Tech. B. 897, 29 p. 1945. 1 Ag84Te  
Relation of beet leafhopper (*Eutettix tenellus*) to curly top incidence and sugar-beet yields.



- 25265 GARDNER, R. Some soil properties related to the sodium salt problem in irrigated soils. U. S. D. A. Tech. B. 902, 28 p. 1945. 1 Ag84Te
- 25266 NELSON, A. G. Relation of feed consumed to food products produced by fattening cattle. U. S. D. A. Tech. B. 900, 36 p. 1945. 1 Ag84Te

#### Unnumbered Publications

- 25267 AGREEMENT between Foreign Economic Administration and the U. S. Department of Agriculture. 8 p., processed. 1945. 1.90 A2Ag83  
In connection with the procurement, storage, shipping, and delivery of foods and other commodities for export.
- 25268 AGRICULTURAL Products Inspection Certificates Act; interpretive statement. 3 p., processed. 1945? 1.90 A2Ag82
- 25269 FIRE prevention week, October 7-13, 1945. 6 p., processed. 1945. 1.90 A2F51  
Fact sheet.
- 25270 INCREASE your income from tobacco by using presses. 1 p., processed. n. d. 1.90 A2In22  
Drawing of a home-made press.
- 25271 THE [NATIONAL] 8-Point Dairy Program for 1945. 2 p., processed. 1945. 1.90 A2E14
- 25272 OFFER of Secretary of Agriculture relating to exportation of wheat flour by domestic representatives of foreign buyers. 2 p., processed. 1945. 1.90 A2Of2  
Terms and conditions.
- 25273 PROCEDURE relating to loans for agricultural purposes under Title III of the Servicemen's Readjustment Act of 1944. 7 p., processed. 1945? 1.90 A2P94
- 25274 SOME guides for administrators for putting employees' ideas to work. 17 p., processed. 1945. 1.90 A2So5

#### AGRICULTURAL ADJUSTMENT AGENCY

- 25275 BEEF cattle production payments to feeders. 4 p., processed. 1945. 1.42 Ad4Be  
Revised, with additions, to replace similar statement dated June 2, 1945.
- 25276 ESTIMATED number and percentage distribution of payees receiving payments in various size-of-payment groups, 1936-1944 Agricultural Conservation Programs. 2 p., processed. 1945. 1.42 Ad4En
- 25277 INSTRUCTIONS for inspecting a stock pond, dam, or reservoir. 8 p., processed. 1945. (SRS-53) 1.42 So8Srs
- 25278 INSTRUCTIONS for inspecting terraces and farm ditches. 5 p., processed. 1945. (SRS-52) 1.42 So8Srs
- 25279 INSTRUCTIONS for preparation and handling of applications for payment under the 1945 Agricultural Conservation Program - North Central Region. 16 p. 1945. (NCR-923) 1.42 N75B
- 25280 A REVIEW and a look ahead. Handbook for community committeemen; outline for discussion meetings. 6 p., processed. Huron, S. Dak., 1945. 1.42 N75Re  
Principal objectives and provisions of the Agricultural Adjustment Act of 1938; questions and background statements for discussion of production and marketing problems.

#### Periodicals

- 25281 AGRICULTURE in action. Weekly. Processed. 1.42 Ad4Agr  
Issued by the Northeast Division.

#### AGRICULTURAL AND INDUSTRIAL CHEMISTRY, BUREAU OF

- 25282 LIST of publications, Western Regional Research Laboratory, Albany, California. 11 p., processed. Albany? 1944. 1.9321 W2Se4

- 25283 MANUFACTURE of potato chips. 2 p., processed. 1945. 1.932 A4M31
- 25284 MOTOR fuels from farm wastes. 2 p., processed. 1945. 1.98 M85  
Research at the Northern Regional Research Laboratory, Peoria, Ill.
- 25285 SOURCES of information on freezing preservation of foods. 2 p., processed. Albany, Calif., West. Region. Res. Lab., 1945. 1.9321 W2So8

#### AGRICULTURAL ECONOMICS, BUREAU OF

- 25286 AGRICULTURAL development and problems of the Missouri Valley. Presentation ... before the Senate Committee on Irrigation and Reclamation. 64 p., processed. 1945. 1.941 A2Ag82
- 25287 FISKE, C. A. Mechanization in northeastern Nebraska; status in 1944 and post-war prospects. 26 p., processed. Lincoln, 1945. 1.941 A2M462
- 25288 JOHNSON, M. B. Wartime land market activity, Appalachian Region, 1941-44. 26 p., processed. 1945. 1.941 L2W193
- 25289 LAMB feeding situation - October 1, 1945. 2 p., processed. 1945. 1.9 Ec742Lam
- 25290 PALMER, C. D., SCHLOTZHAUER, E. O., and KIESLER, P. F. Fruits (13 noncitrus); production and utilization, 1934-44. 22 p., processed. 1945. 1.941 H2F944  
Tables show estimates for all important fruits, except citrus.
- 25291 PARSONS, M. S., and MACKINNON, K. Statistical report on interstate movement of dairy cattle, 10 Northeast States, 1943. 9 p., processed. Upper Darby, Pa., 1944. 1.941 M1St2
- 25292 POLI, A. Japanese farm holdings on the Pacific Coast. 25 p., processed. Berkeley, 1944. 1.941 R4J272  
Includes farm acquisition, alien land laws, farm tenure, probable postwar farm holdings.
- 25293 PORTER, H. G., and COOPER, M. R. Statistics on jute and jute manufactures with a brief survey of the industry. 116 p., processed. 1945. 1.941 H2J98
- 25294 RECORD popcorn acreage planted this year. 1 p., processed. 1945. 1.941 S2P81
- 25295 STRAND, E. G. Soybean production in war and peace. 41 p., processed. 1945. (F. M. 50) 1.941 L6F22  
Includes utilization, processing, prices, future prospects.

#### Periodicals

- 25296 AGRICULTURAL prices; prices received and paid by farmers, and parity prices. Monthly. Processed. 1.942 A8M58
- 25297 THE AGRICULTURAL situation; a brief summary of economic conditions. Monthly. 1 Ec7Ag
- 25298 CANNED poultry. Monthly. Processed. 1.941 S8P86
- 25299 CHECK list of publications. Monthly. Processed. 1.941 E3C41
- 25300 COMMERCIAL truck crops; acreage and indicated production. Monthly. Processed. 1.941 H8V523
- 25301 COMMERCIAL truck crops for shipment. Condition of crops...with comparisons. Monthly. Processed. 1.941 H8V524
- 25302 THE COTTON situation. Monthly. Processed. 1.9 Ec752F
- 25303 CREAMERY butter and cheese production estimates. Monthly. Processed. 1.9 Ec742Mo  
Released at Chicago.
- 25304 CROP production. Monthly. Processed. 1.9 St2Gb
- 25305 THE DAIRY situation. Monthly. Processed. 1.9 Ec7Ds



25306 THE DEMAND and price situation. Monthly. Processed. 1.9 Ec752Pa

25307 DEPOSITS of country banks: index numbers of demand, time, and total deposits, selected groups of States, 1940-45. Monthly. Processed. 1.941 F8D44

25308 DRY CASEIN; estimated production and stocks, United States. Monthly. Processed. 1.941 S8C26

25309 EVAPORATED, condensed, and dry milk report. Monthly. Processed. 1.9 M34Mev

25310 THE FARM income situation. Monthly. Processed. 1.941 F8F22

25311 FARM labor. Monthly. Processed. 1.9 Ec71Far

25312 THE FATS and oils situation. Monthly. Processed. 1.9 Ec752F

25313 THE FEED situation. Monthly. Processed. 1.941 S8F32

25314 FLUID milk prices in city markets. Monthly. Processed. 1.9 M34M

25315 FRUIT and nut crop prospects. Monthly, Apr., May, and June. Processed. 1.9 Ec71Fc

25316 THE FRUIT situation. [4 times yearly.] Processed. 1.9 Ec752F

25317 HATCHERY production. Monthly. Processed. 1.9 Ec724Ha

25318 LAND policy review. Quarterly. 1 Ec7La

25319 LIQUID, frozen, and dried egg production. Monthly. Processed. 1.941 H8Eg3

25320 THE LIVESTOCK and wool situation. Monthly. Processed. 1.941 S8L752

25321 THE MARKETING and transportation situation. Monthly. Processed. 1.941 M8M34

25322 THE NATIONAL food situation. Monthly. Processed. 1.941 S2F73

25323 PEANUTS; stocks and processing. Monthly. Processed. 1.941 M8P31

25324 THE POULTRY and egg situation. Monthly. Processed. 1.9 Ec752F

25325 PRODUCTION and distribution of meat scraps and tankage. [Irregular.] Processed. 1.941 S8P94

25326 STATISTICAL summary. Monthly. Processed. 1.941 A22St2

25327 STOCKS of dry beans and dry peas. Monthly. Processed. 1.941 S8B37

25328 STOCKS of evaporated and condensed milk held by wholesale grocers. Quarterly. Processed. 1.9 Ec724S

25329 STOCKS of grain. Quarterly. Processed. 1.941 S8G762

25330 STOCKS of wheat in interior mills, elevators and warehouses. Quarterly. Processed. 1.9 Ec71Whe

25331 THE TOBACCO situation. [4 times yearly.] Processed. 1.9 Ec752F

25332 TRUCK crop news. Semimonthly. Processed. 1.9 Ec71We

Condition of crop by kind.

25333 TRUCK crops for processing. Monthly [Apr.-July, semimonthly.] Processed. 1.941 H8V522

Acreage, intended acreage, with comparisons.

25334 THE VEGETABLE situation. [4 times yearly.] Processed. 1.9 Ec752F

25335 WEEKLY American cheese production. Processed. 1.941 S8C41

Released at Chicago.

25336 WEEKLY American cheese warehouse statistics for the United States. Processed. 1.9 M34Mc

Released at Chicago.

25337 WEEKLY creamery butter production. Processed. 1.942 D8W41

Released at Chicago.

25338 THE WHEAT situation. Bimonthly except July and August. Processed. 1.9 Ec752F

## AGRICULTURAL RESEARCH ADMINISTRATION

25339 KNOX, C. W., and BURCH, D. S. Fast-feathering chickens make superior broilers. 2 p., processed. 1945. (R. A. S. 46 (A)) 1.98 R31

25340 THE UNITED STATES regional pasture research laboratory. 24 p., processed. n. d. 1.98 Un3

## Periodicals

25341 INFORMATION report of ARA bureaus. Weekly. Processed. 1.98 In3

List of press and radio material, Department publications, and outside publications.

## ANIMAL INDUSTRY, BUREAU OF

25342 RECORD of tuberculin testing; cooperative tuberculosis eradication work, 1917-1945, incl. 1 p., processed. 1945. 1.9 An533R

25343 SIXTH annual report of the Regional Poultry Research Laboratory, East Lansing, Michigan, 1944/45, 25 p., processed. East Lansing, 1945. 1.972 A3R291

25344 SUMMARY of avian tuberculosis eradication work in cooperation with States, July 1944-June 1945. 1 p., processed. 1945. 1.9 An533Sua

Results of observations and inspections of poultry.

## Periodicals

25345 NOTICE...(V. S. C.); activities of licensed establishments supervised by the Virus-Serum Control Division. Monthly. Processed. 1.9 An552N

Anti-hog-cholera serum and virus; inspections and tests in the production of hog-cholera virus and serum under licenses.

25346 SERVICE and regulatory announcements. Monthly. 1 An52An

Issued for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry.

25347 STATEMENT of indemnity claims and averages in cooperative Bang's disease [brucellosis] work. Monthly. Processed. 1.9 An56St

25348 SUMMARY of brucellosis (Bang's disease) control program conducted by Bureau of Animal Industry in cooperation with the various States. Monthly. Processed. 1.9 An56Su

25349 SUMMARY of brucellosis (Bang's disease) work in cooperation with the various States. Monthly. Processed. 1.9 An56Sua

25350 SUMMARY of tuberculosis eradication [in cattle] in cooperation with the various States. Monthly. Processed. 1.9 An533Su

## BUDGET AND FINANCE, OFFICE OF

## Periodicals

25351 DIGEST of proceedings of Congress of interest to the Department of Agriculture. [Issued each day Congress is in session.] Processed. 1.9 Ag872Dig

For staff of the Department only.

## COMMODITY CREDIT CORPORATION

## Periodicals

25352 AGRICULTURE in action. Weekly. Processed. Chicago. 1.957 Ag8

Radio script on the Nation's food front. Prepared for farm program directors in the eleven Midwestern States.

25353 C. C. C. CORN loans. [Irregular.] Processed. 1.957 C81



25354 CCC LETTER to refiners of cane sugar in continental United States. [Irregular.] Processed. 1.957 C11

25355 CCC LOANS on...cotton. Weekly. Processed. 1.957 I782

25356 C. C. C. WHEAT loans. Weekly. Processed. 1.957 W56

25357 PURCHASE report [of farm products for shipment under lend-lease and territorial food programs, and other special programs]. [Irregular.] Processed. 1.9422 A8In3

Issued for the following commodities when purchases are made: Cotton; Dairy and poultry products; Fish and fish products; Fruit and vegetable products; Grains, cereals, feeds & seeds; Meat and meat products; Miscellaneous foodstuffs; Miscellaneous non-foodstuffs; Rice; Soybeans. Lists by commodity, the vendor, grade & type, F. O. B. point, packaging, quantity, and price.

25358 REPORT of agricultural commodities purchased...for lend-lease, territorial emergency Red Cross and other purposes. Monthly. Processed. 1.9422 A8R292

25359 STATEMENT of loans and commodities owned. Quarterly. Processed. 1.957 St2

#### COMMODITY EXCHANGE AUTHORITY

##### Periodicals

25360 FUTURES trading and open contracts in cotton and cottonseed oil. Daily. Processed. New Orleans. 1.9 C73V

25361 FUTURES trading and open contracts in cotton and wool tops. Daily. Processed. New York. 1.9 C73V

25362 FUTURES trading and open contracts in grains, lard, cottonseed oil, and cotton. Daily. Processed. Chicago. 1.9422 Co8F98

25363 FUTURES trading and open contracts in wheat, corn and sorghums. Daily. Processed. Kansas City. 1.9422 Co8F98K

25364 FUTURES trading and open contracts in wheat, corn, oats, rye, barley, and flaxseed. Daily. Processed. Minneapolis. 1.9422 Co8F98M

25365 "ON CALL" positions and transactions in spot cotton based on New York cotton futures reported by merchants in special account status. Weekly. Processed. 1.9 C73U

#### DAIRY INDUSTRY, BUREAU OF

25366 LEIGHTON, A. Commercial ice-cream formulas. Rev., 22 p., processed. 1945. (BDIM-Inf-11) 1.973 D4B34

25367 MAMMARY gland development in Holstein and Jersey heifer calves and standards for evaluation. Rev., 1 p., processed. 1945. (BDIM-765) 1.9 D14B6

##### Periodicals

25368 DAIRY herd-improvement association letter. Monthly. Processed. 1.9 D145C

#### ENTOMOLOGY AND PLANT QUARANTINE, BUREAU OF

25369 CHISHOLM, R. D., and KOBLITSKY, L. A method of rating fumigation chambers for tightness. U. S. Bur. Ent. and Plant Quar. ET-224, 4 p., processed. 1945. 1.9 En83Et

25370 GYPSY moth [Porthetria dispar] and brown-tail moth [Nygmia phaeorrhoea] quarantine. U. S. Bur. Ent. and Plant Quar. B. E. P. Q. - Q.45, 8 p., processed. 1945. 1 F31

25371 MILKY disease spore dust for control of Japanese beetle [Popillia japonica] grubs in lawns and other turf areas. 2 p., processed. 1945. 1.967 J2M591

25372 PRODUCERS of DDT and DDT insecticides. 2 p., processed. 1945. 1.967 A2P94

25373 QUESTEL, D. D. The effects of DDT dust and spray preparations on larvae of the European corn borer [Pyrausta nubilalis]. U. S. Bur. Ent. and Plant Quar. E-671, 7 p., processed. 1945. 1.9 En83

25374 THE USE of aircraft in the control of crop pests. 4 p., processed. n. d. 1.967 A2Us2

Crop dusting and spraying.

##### Periodicals

25375 COTTON insect conditions. Weekly. Processed. 1.967 A2C82

25376 INSECT pest survey; the more important insect records. Monthly, Mar.-Sept. Processed. 1.967 A2M81

25377 REVIEW of United States patents relating to pest control, by R. C. Roark. Monthly. Processed. 1.9 C4926Re

25378 SERVICE and regulatory announcements. Quarterly. 1 F31S

Quarantine and other official announcements.

25379 STATEMENT of emergency survey of truck crop insects and control requirements. Weekly. Processed. 1.967 A2St2

#### EXPERIMENT STATIONS, OFFICE OF

25380 EXAMPLES of research results of the State agricultural experiment stations. 21 p., processed. 1945. 1.912 Ex1

25381 LIST of agricultural experiment stations in the United States, September, 1945. 2 p., processed. 1945. 1.9 Ex6Li

##### Periodicals

25382 EXPERIMENT station record. Monthly. 1 Ex6R

#### EXTENSION SERVICE

25383 THE ANALYSIS of the home demonstration agent's job; a progress report. 2 p., processed. 1944. 1.913 H2An1

25384 EXPANDING extension work with Bankhead-Flannagan funds. 2 p., processed. 1945. 1.913 A2Ex7

25385 FARM and home financial planning [Extension Service Circular 422]; suggestions on how to use the circular. 3 p., processed. 1945. 1.913 E2F2272

25386 4-H POSTWAR programs - organization. 15 p., processed. 1945. 1.913 F3F8272

25387 THE FULL Employment Act of 1945. 2 p., processed. 1945. 1.913 E2F95

25388 GALLUP, G. A talk before the Chinese students September 7, 1945. 3 p., processed. 1945. 1.913 A2G13

Objectives of the Foreign Student Program; course in extension education.

25389 HOCHBAUM, H. W. Some problems in post-war county extension work. 7 p., processed. 1945. 1.913 C2So52

25390 THE HOME demonstration agent's analysis of her job; questions for discussion. 1 p., processed. 1944. 1.913 H2H752

25391 IMPORTANT discussions and actions taken at the meetings of the extension subcommittee on 4-H Club work of Committee on Extension Organization and Policy of the American Association of Land-Grant Colleges and Universities, Chicago, Ill., April 9-11, 1945. 15 p., processed. 1945. 1.913 F3Im7

25392 INSTRUCTIONS to trainees when they first go to the States. 2 p., processed. 1945. 1.913 S2In7

Trainees from China.



25393 NATIONAL 4-H Achievement Week, November 3-11, 1945. 10 p., processed. 1945. 1.913 F3Ac4  
Wartime achievements.

25394 THE PLACE of extension studies and training in guiding the extension service into an expanding and increasingly effective program. 11 p., processed. 1945. 1.913 A2P693

25395 A PREVIEW of tomorrow's educational problems in agricultural economics and rural sociology. 34 p., processed. 1945. 1.913 A2P922

Outline of major problems with suggested procedures in general economics, farm management, marketing, sociology.

25396 THE PUBLICATIONS Workshop, Columbia University, May 21 to June 1, 1945. U. S. Ext. Serv. Ext. Serv. C. 432, 43 p., processed. 1945. 1.9 Ex892Esc

Held for the purpose of improving extension publications.

25397 RADIO programs on or related to building the peace, April 15 to June 2, 1945. 2 p., processed. 1945. 1.913 A2R112

25398 THE RESULT demonstration; a fundamental method of extension teaching. 2 p., processed. 1945. 1.913 A2R312

25399 ROKAHR, M. Current report on rural housing programs. 5 p., processed. 1945. 1.913 H3C93

25400 SABROSKY, L. K. Statistical analysis of 4-H Club work, 1914-43, with special emphasis on 1943. U. S. Ext. Serv. Ext. Serv. C. 427, 35 p., processed. 1945. 1.9 Ex892Esc

25401 SCHEDULE of training for 21 Chinese students in extension education. 2 p., processed. 1945. 1.913 S2Sch22

25402 SCHEDULE of training students from other countries in extension education. 1 p., processed. 1945. 1.913 S2Sch2

25403 SHINN, E. H. Trends in 4-H Club work in the Southern States and Puerto Rico for the 10-year period, 1935-1944, showing number of clubs, enrollments and percentage of completions with number of county extension workers by years both white and Negro. 4 p., processed. 1945. 1.913 F3T72

25404 SOME information policy and planning problems. 9 p., processed. 1945. 1.913 I2So5

25405 10,000,000 youth; let's help them plan their future. A progress report of the activities of the National Advisory Group on 4-H Postwar Programs. 3 p., processed. 1945. 1.913 F3T25

25406 TO COUNTY extension secretaries...a handbook for you. 48 p., processed. 1945. 1.913 C2T55

25407 TSOU, P. W. Purpose of training agricultural extension workers for China. 3 p., processed. 1945. 1.913 A2P97

Talk at orientation meeting for Chinese students in Extension, Washington, D. C., Sept. 7, 1945.

25408 WILLIAMSON, H. H. Extension work as related to cotton. 3 p., processed. 1945. 1.913 A2W67

Statement presented at the Administrative Conference of Southern Directors of Extension, Atlanta, Ga., Oct. 1-3, 1945.

25409 WILSON, M. L. Welcome, extension students from China. 3 p., processed. 1945. 1.913 A2W69  
Statement of Sept. 7, 1945.

#### Periodicals

25410 EXTENSION service review. Monthly. 1 Ex892Ex

25411 INFORMATION case reports. [Irregular.] Processed. 1.913 I2In3

25412 MONTHLY report of significant activities of the Division of Extension Information. Processed. 1.913 I2M76

25413 WEEKLY news service. Processed. 1.9 In31We  
Exclusive to extension editors.

#### FARM CREDIT ADMINISTRATION

25414 GARDNER, K. B. Suggestions relating to the filing of annual information returns by farmers' exempt marketing and purchasing associations. 9 p., processed. 1944. 1.955 C2Su3

Associations exempt from the payment of Federal income taxes.

25415 HULBERT, L. S. Summary of cases relating to farmers' cooperative associations. U. S. Farm Credit Admin. Coop. Res. and Serv. Div. Summary 27, 19 p., processed. 1945. 1.955 C2Su7

25416 THE PRICE-SUPPORT program in relation to postwar farm income. 11 p., processed. Kansas City, 1945. 1.955 E2P93

#### Periodicals

25417 THE FARM Credit club grapevine. Semi-monthly. Processed. Kansas City. 1.955 A2F22  
Personnel items.

25418 NEWS for farmer cooperatives. Monthly. 166.2 N47

#### FARM SECURITY ADMINISTRATION

25419 FOX, F. Handbook on preparing an FSA exhibit. 11 p., processed. 1945? 1.95 In3H19

25420 HUDGENS, R. W. Safeguarding farm loans for veterans. 5 p., processed. 1945. 1.95 Ad8H  
Statement in round-table discussion of National Rehabilitation Committee of the American Legion, Feb. 7, 1945.

25421 POPE, J. D., and WORCESTER, C. Better farm housing after the war. 3 p., processed. 1945. 1.95 F68P81  
Radio script.

25422 YAUKEY, J. E. Activities of an experimental rural health program in six counties during its first fiscal year, 1942-43. Program sponsored by the Department's Interbureau Committee on Post-War Programs. 65 p., processed. 1945. 1.95 Ac8

#### Periodicals

25423 CATALOG of releases. Monthly. Processed. 1.95 C28

Regular reports, statistical tables, summaries, reviews, studies, or analyses released by the PG (Program and Reports) Division.

#### FOREIGN AGRICULTURAL RELATIONS, OFFICE OF

25424 DAVIS, F. E., and JOHNSON, E. H. World hog numbers in 1944 and outlook for 1945. 16 p., processed. 1945. 1.943 W894

25425 SMITH, C. W., and TUCKER, R. G. World citrus production and trade. 17 p., processed. 1945. 1.943 W892

25426 WORLD food situation in 1945-46. 79 p., processed. 1945. 1.943 W893

#### Periodicals

25427 AGRICULTURE in the Americas. Monthly. 1 F752A

25428 FOREIGN agriculture; a review of foreign farm policy, production, and trade. Monthly. Processed. 1.9 Ec7For

25429 FOREIGN crops and markets. Weekly. Processed. 1.9 St2F

Monthly supplements issued also.

25430 FOREIGN farm facts; monthly round-up of agricultural news from abroad. Processed. 1.943 F7652



25431 FOREIGN foods and farms. Weekly. Processed. 1.943 F765  
News and notes of latest world agricultural development.

#### FOREST SERVICE

25432 ALASKA - it's (sic) forests and forest industry. 4 p., processed. 1945. 1.962 A2AL1  
25433 COMMENTS and suggestions from fuel wood questionnaires. 4 p., processed. 1945. 1.962 A2C73  
25434 COOPERATIVE service in forest products research. 8 p. Madison, Forest Prod. Lab., 1945. 1.962 F6C78  
25435 FOREST fire statistics, calendar year 1944. 12 p., processed. 1945. 1.9 F76Ffs  
25436 "G. P." [Gifford Pinchot.] 5 p., processed. 1945. 1.962 A2G64  
Crusading activities for forest conservation.  
25437 GIFFORD PINCHOT. 2 p., processed. 1945. 1.962 A2G36  
Biographical sketch of the first Chief Forester, U. S. Forest Service.  
25438 IMPORTANT range publications available for distribution. 6 p., processed. 1945. 1.962 R3Im7  
25439 PIERSON, A. H., and BLYTHE, R. H. Domestic lumber distribution, 1943; all lumber, softwood lumber, hardwood lumber. 21 p., processed. 1945. 1.9 F76Lu  
U. S. Bureau of the Census cooperating.  
25440 PROGRAM of wartime forest fire prevention. 2 Nos., processed. 1945? 1.962 F1W26  
Conducted at the request of the armed forces.  
Approved for policy by the Office of War Information cooperating with State and Federal forestry agencies.  
Radio script.  
The fishermen. 10 p. (Platter No. 4)  
"The harvesters." 9 p. (Platter No. 3)  
25441 RICHER range rewards. 47 p., processed. 1945? 1.962 A2R39  
Tentative script for a motion picture.  
25442 SCHOOLS giving courses leading to a degree in forestry. 12 p., processed. 1945. 1.9 F76Sch  
25443 SIMMONS, F. C. Methods of loading lumber at the rear of small sawmills. U. S. Forest Serv. Northeast. Forest Expt. Sta. Forest Prod. Note 2, 6 p., processed. Philadelphia, 1945. 1.9622 N2F76  
Illustrations of simple devices.  
25444 TECHNICAL notes, Lake States Forest Experiment Station. 5 Nos., processed. University Farm, St. Paul, Minn., 1945. 1.9 F7625T  
No. 241. A composite cordwood volume table for pulpwood species in the Lake States, by S. R. Gevork.  
No. 242. Forest fire control pays, by J. A. Mitchell. 2 p.  
No. 243. Minnesota pole requirements heavy, by R. N. Cunningham. 1 p.  
No. 244. Reforestation retarded by war, by P. O. Rudolf. 1 p.  
No. 245. Wind movement in the Plains, by C. G. Bates. 1 p.  
25445 THE VETERAN and the Forest Service. 12 p., processed. 1945. 1.962 A2V64  
Employment in the Service; character of work; requirements, etc.

#### Periodicals

25446 THE CARIBBEAN forester. Quarterly. Processed. Rio Piedras, P. R., Tropical Forest Expt. Sta. 1.9622 T2C23  
25447 CHANGES in Federal regulations. [Irregular.] Processed. 1.962 A2H19A  
New regulations and changes of amendments to be noted in the Timber Production War Project Handbook.

25448 LUMBER prices - Appalachian hardwoods... Compiled from data furnished by J. C. West Lumber Service Corporation. Quarterly. Processed. 1.962 F4L974A

"This report is for Forest Service use only."

25449 R-1 INFORMATION digest. [Irregular.] Processed. 1.9621 R1R11

25450 TIMBER production war project handbook. Amendment list. [Irregular.] Processed. 1.962 A2H19

#### GRADUATE SCHOOL

##### Periodicals

25451 [GRADUATE School]...newsletter. [Irregular.] Processed. 1.984 G75

#### HUMAN NUTRITION AND HOME ECONOMICS, BUREAU OF

##### Periodicals

25452 WARTIME family living. Monthly. Processed. 1.982 E2W26

Distribution limited to personnel connected with the Department of Agriculture.

#### INFORMATION, OFFICE OF

25453 BIOGRAPHIES of persons in charge of Federal agricultural work, 1836 to date. 14 p., processed. 1945. ([Rpt.] No. 9) 1.90 A2Un32

25454 FARMERS face the future. 1 p., processed. 1945. 1.914 A2Sy7  
Synopsis of a film.

25455 HARDING, T. S. Condensed history of the U. S. Department of Agriculture. Rev., 15 p., processed. Sept. 1, 1945. ([Rpt.] No. 4) 1.90 A2Un32  
Lecture delivered before various USDA Clubs of Department employees.

25456 IN COMMON cause. 1 p., processed. 1945. 1.96 R22I  
Sound motion picture on Soil Conservation Districts.

##### Periodicals

25457 DAILY farm news digest. Processed. 1.914 A2D14

Current items from newspapers and magazines.

25458 FOOD and home notes. Weekly. Processed. 1.90 A5F73

25459 FOOD information calendar. Weekly. Processed. 1.914 A5F732

25460 HOMEMAkers' chat. Daily. Processed. 1.9 In3Hh

For broadcast use only.

25461 [LETTER] to farm paper editors [on U. S. D. A. activities] from E. R. McIntyre. Weekly. Processed. 1.914 A5L56

25462 [LETTER] to radio farm directors, from Joe Tonkin. Weekly. Processed. 1.914 R5L56

25463 MONTHLY list of [U. S. D. A.] publications and motion pictures. 1 P96M

25464 [MOTION picture films of the United States Department of Agriculture.] Irregular. Processed. 1.913 M3M85

Films available and where application should be made.

25465 REFERENCES to postwar literature selected from the...USDA Bibliography of Agriculture and other sources. Monthly. Processed. 1.914 A2R25  
Prepared by Louise F. Bell.

25466 WAR LETTER for agriculture. Weekly. Processed. 1.914 A2Ag8



## LABOR, OFFICE OF

25467 GENERAL statement regarding releases of men from the armed forces to return to the farm. 1 p., processed. 1945. 1.9424 L2G28

## LIBRARY

25468 PARTIAL list of United States farm papers received in the U. S. Department of Agriculture library (State and county farm bureau and State college papers not included). U. S. D. A. Libr. Libr. List 18, 8 p., processed. 1945. 1.916 L612

Periodicals

25469 ACCESSIONS to the library [Madison sub-branch, U. S. Dept. of Agriculture Library, Forest Products Laboratory, Madison, Wis.]. Weekly. Processed. Madison. 1.9 F761A  
"For official use only."

25470 BIBLIOGRAPHY of agriculture. Monthly. 1.916 B471

25471 LIBRARY newsletter [Branch libraries]. Monthly. Processed.

Slight differences in frequency of issue. Issued at Albuquerque, Atlanta, Fort Worth, Kansas City, Mo., Lincoln, Milwaukee, Philadelphia, Portland, Oreg., San Francisco.

## MARKETING SERVICES, OFFICE OF

25472 GOSSOM, R. B., JR. Safety report, calendar year 1944. 15 p., processed. 1945. 1.9422 A8S41

25473 [SCHEDULE of fees and charges for the inspection of beans and peas.] 2 p., processed. 1945. 1.9422 V33B37

## PERSONNEL, OFFICE OF

25474 OBJECTIVES of in-service training. 15 p., processed. 1945. 1.917 A20h3

25475 PROCEDURES for training [disabled veterans] under Public [Law] 16 & 346 [78th Congress] in the Department of Agriculture. 7 p., processed. 1945? 1.917 A2F943

Training-on-the-job.

25476 SAFETY report, U. S. Department of Agriculture, calendar year 1944. 11 p., processed. 1945. 1.9 P432An

25477 WHEN your war job ends; information for those leaving U. S. D. A. 13 p., processed. 1945. 1.917 A2W57

Periodicals

25478 EMPLOYEES' news bulletin. Semimonthly. Processed. 1.917 A2Em7

25479 PERSONNEL administration. Monthly. Processed. 1.917 A2P434

25480 TRAINING letter [visual aids]. [Irregular.] Processed. 1.917 A2T682

25481 USDA club exchange. [Irregular.] Processed. 1.917 A2Un33

Issued to USDA club presidents to provide for the interchange of ideas relative to program planning.

## PLANT AND OPERATIONS, OFFICE OF

25482 AGRICULTURAL buildings for counties. 17 p., processed. 1945. (OPO P. No. 6) 1.9172 A2Op5

Plans for various sizes and types of buildings.

PLANT INDUSTRY, SOILS,  
AND AGRICULTURAL ENGINEERING, BUREAU OF

25483 COLE, R. C., and others. Soil survey of the Bakersfield area, California. U. S. Bur. Plant Indus., Soils, and Agr. Engin. [Soil Survey Rpt.] Ser. 1937, No. 12, 113 p. 1945. 1 So32F

R. A. Gardner, L. F. Koehler, A. C. Anderson, O. F. Bartholomew, and J. L. Retzer, joint authors.

California Agricultural Experiment Station cooperating. Folded map in pocket.

25484 CONTROL of diseases and insects in home orchards. 3 p., processed. n. d. 1.965 C76

25485 JURNEY, R. C., and others. Soil survey of Washington County, Virginia. U. S. Bur. Plant Indus., Soils, and Agr. Engin. [Soil Survey Rpt.] Ser. 1937, No. 14, 102 p. 1945. 1 So32F

S. S. Obenshain, E. Shulkcum, H. C. Porter, E. F. Henry, J. R. Moore, R. E. O'Brien, and R. C. Journey, Jr., joint authors.

Virginia Agricultural Experiment Station and the Tennessee Valley Authority cooperating.

Folded map in pocket.

25486 KELLOGG, C. E. Modern science can contribute to a solution of the basic problems of rural lands in the Missouri River Valley. 5 p., processed. 1945. 1.965 S6K29

Statement before Senate Committee on Irrigation and Reclamation, Sept. 20, 1945.

25487 KNOBEL, E. W. Soils and castor bean production. 50 p., processed. Beltsville, Md., n. d. 1.965 S6So33

25488 REED, I. F., and JEZEK, R. E. The USDA peanut sheller. 3 p., processed. Beltsville, Md., 1945. 1.965 F5Un3

25489 REPORT of Committee on Soil Slope and Erosion Phases. 8 p., processed. Beltsville, Md., 1945. 1.965 S6R29

Periodicals

25490 THE PLANT disease reporter. Semimonthly. Processed. 1.9 P69P

Also supplements dealing with specific subjects.

## PRODUCTION AND MARKETING ADMINISTRATION

25491 FAT SALVAGE spot announcements. 2 p., processed. New York, 1945. 1.956 A2F26

25492 HOGS: monthly average price per 100 pounds, South St. Joseph, 1944. Based on the mean of daily range of quotations. 1 p., processed. 1945? 1.9422 L8H67S

25493 INSIDE story [of U. S. Department of Agriculture processed food inspection services]. 5 p., processed. 1945. 1.956 A2In7

Radio script.

25494 MAJOR activities required in carrying out the Farm Labor Supply Program. 7 p., processed. 1945. 1.956 L11M28

25495 METHOD for sampling greasy pulled wools. 1 p., processed. 1945. 1.956 L75M56

Information to pulled wool handlers and pullers.

25496 PROCEDURE governing 1945-46 community school lunch operations requiring USDA assistance. 25 p., processed. Burlington, Vt., 1945. 1.956 A2P94

25497 PROGRESS in the organization of a National Poultry and Egg Quality Conservation Program. 5 p., processed. 1945. 1.956 P86P94

Periodicals

25498 "THE AGRICULTURAL front." (For immediate broadcast.) Monthly. Processed. New York. 1.9422 A2Ag8

Includes up-to-the-minute news about food needs.



- 25499 ALFALFA meal: production 1943-45. Monthly. Processed. 1.9422 G8AL2
- 25500 ANIMALS slaughtered under Federal inspection by States. Monthly. Processed. Thomasville, Ga. 1.9 Ec713As1
- 25501 AUCTION sale [of fruits]. Weekly. Processed. Cincinnati. 1.9422 Fr8F942
- 25502 BARLEY and feed grain market review. Weekly. Processed. San Francisco. 1.9422 G8B24S  
California Department of Agriculture, Market News Service cooperating.
- 25503 BEAN [dry] market review. Weekly. Processed. San Francisco. 1.9422 V8B37S  
Issued also at Los Angeles. 1.9422 V8B37  
California Department of Agriculture, Market News Service cooperating.
- 25504 BREWERS' dried grains - production in tons. Monthly. Processed. 1.9 Ec712Bre
- 25505 CARLOT unloads of fruits and vegetables. Monthly. Processed. 1.9 Ec741Um  
Titles vary slightly. Issued at various cities including Atlanta, Baltimore, Boston, Chicago, Cincinnati, Cleveland, Dallas, Denver, Detroit, Fort Worth, Los Angeles, Minneapolis, New Orleans, New York, Oakland, Calif., Oklahoma City, Philadelphia, Pittsburgh, Portland, Oreg., St. Louis, St. Paul, San Francisco, Washington, D. C.
- 25506 CELERY report. Daily [seasonal]. Processed. Sanford, Fla. 1.9422 V8C33  
Federal-State Market News Service.
- 25507 CITRUS report. Daily [seasonal]. Processed. Lakeland, Fla. 1.9422 Fr8C49  
Issued also at Weslaco, Tex. 1.9422 Fr8C49W  
Federal-State Market News Service.
- 25508 COLD storage movement and prices. Monthly. Processed. Chicago. 1.9 Ec724S
- 25509 COLD storage report. Monthly. Processed. 1.9422 A8C67
- 25510 COLD storage space and holdings report. Monthly. Processed. 1.9422 A8C67
- 25511 COMMERCIAL grain stocks reports. Weekly. Processed. 1.9 Ec742Cg
- 25512 CONTAINER information. Weekly. Processed. New York. 1.9422 A8C763
- 25513 COTTON price statistics. Monthly. Processed. 1.9422 C4C82
- 25514 COTTON quality report for ginnings. Semi-monthly [seasonal]. Processed. 1.9422 C8C824  
Reports for cotton States issued at the regional offices, with State Agricultural Experiment Stations cooperating.
- 25515 COTTON quotations - ten designated spot markets. Daily. Processed. Atlanta. 1.9 Ec733Ba
- 25516 COTTONSEED review - Southeastern area. Weekly. Processed. Atlanta. 1.9 Ec733Wcr  
Grade and price information, by county.
- 25517 COTTONSEED review - Southwestern area. Weekly. Processed. Dallas. 1.9422 C8C82  
Grade and price information, by county.
- 25518 DAILY [and weekly] livestock market report. Processed. 1.9 Ec742Da  
Issued at various cities including Chicago, Cincinnati, Detroit, Fort Worth, Houston, Indianapolis, Kansas City, Louisville, Nashville, National Stock Yards, Ill., New York, North Portland, Oreg., Oklahoma City, Peoria, San Francisco, South St. Joseph, South St. Paul, Wichita.
- 25519 DAILY dairy and poultry report. Processed. Pittsburgh. 1.9422 D8D14  
Pennsylvania Department of Agriculture, Bureau of Markets cooperating.
- 25520 DAILY fruit and vegetable report. Processed. Chicago.  
Carlot shipments for U. S. 1.9422 Fr8D142  
Prices on the wholesale market. 1.9422 Fr8D143  
Terminal markets. 1.9422 Fr8D14
- 25521 DAILY live poultry market reports. Processed. New York. 1.9422 Po8D14  
New York Department of Agriculture and Markets, Bureau of Markets cooperating.
- 25522 DAILY market report (butter, cheese, eggs and poultry). Processed. 1.9 M34Da  
Issued at Boston, Chicago, Los Angeles, New York, Philadelphia, and San Francisco. Titles vary.
- 25523 DAILY market report; dairy and poultry markets. Processed. Baltimore. 1.9422 D8D142  
Maryland State Department of Markets cooperating.  
Issued at New Orleans with title: Daily market report (eggs and poultry).
- 25524 DAILY report of meat trade conditions and wholesale prices - western dressed meats. Processed. New York. 1.9 Ec742Dm
- 25525 DAILY [seasonal] strawberry report. Processed. Hammond, La. 1.9422 Fr8St8
- 25526 DEHYDRATED vegetable production. [Irregular.] Processed. 1.9422 V8D36
- 25527 DISTILLERS dried grains: production in tons. Monthly. Processed. 1.9 Ec712D1s
- 25528 DRIVEN-IN receipts at public stockyards... (68 markets). Monthly. Processed. 1.9422 L8D83
- 25529 EARLY report of nearby fruit and vegetables on the New York wholesale market. Daily. Processed. New York. 1.9422 Fr8Ea7
- 25530 EGG AND live poultry market report. [Irregular.] Processed. Denver. 1.9422 Po8Eg32
- 25531 FACTORS in food. Weekly. Processed. San Francisco. 1.9422 A8W19
- 25532 FEDERAL-STATE graded eggs - quantities handled and f. o. b. prices at Washington, D. C. Monthly. Processed. 1.9422 Po8F31
- 25533 FEED market review. Weekly. Processed. Chicago. 1.9422 G8F32C  
Also issued at Kansas City, Los Angeles, Minneapolis, Portland, Oreg., and San Francisco.  
Some issues have title: Weekly feed market review.
- 25534 FEEDER and stocker report. Weekly. Processed. Omaha. 1.9422 L8F32
- 25535 FOOD and farm news. Weekly. Processed. Chicago. 1.957 Ag8
- 25536 FOOD makes a difference. Weekly. Processed. 1.9422 N8F73  
Radio script. "An exclusive service to local nutrition committees in cooperation with the State and National Nutrition Program, U. S. Department of Agriculture."
- 25537 FOOD trade letter. Weekly. Processed. 1.9422 A8F73
- 25538 FOOD views in the news. Weekly. Processed. San Francisco. 1.9422 A8F732  
A service for food editors of Western dailies.
- 25539 FRUIT & vegetable report. Daily. Processed. Los Angeles. 1.941 M8F94  
California Department of Agriculture cooperating.
- 25540 HOP MARKET review. Monthly. Processed. San Francisco. 1.9422 A8H77  
California Department of Agriculture, Market News Service cooperating.
- 25541 LICENSES issued under P. A. C. A. [Perishable Agricultural Commodities Act]. Weekly. Processed. 1.9 Ec741Ab
- 25542 LIVESTOCK, meats and wool market reviews and statistics. Weekly. Processed. 1.9 Ec713Ma
- 25543 LOS ANGELES local market report. Daily. Processed. Los Angeles. 1.941 M8L89  
California Department of Agriculture cooperating.
- 25544 MARGARINE production. Monthly. Processed. 1.9422 D8M33
- 25545 MARKETING activities. Monthly. Processed. 1.942 A8M34



- 25546 MEATS graded and contract deliveries of meats, meat products and by-products accepted and rejected. Monthly. Processed. 1.9422 M8M462
- 25547 MISCELLANEOUS fruit and vegetable report. Daily. Processed. 1.9 Ec741M1  
Issued at various cities including Atlanta, Baltimore, Cincinnati, Cleveland, Detroit, Grand Rapids, New Orleans, New York, Oklahoma City, Pittsburgh, Portland, Oreg., Rochester, St. Louis, and San Francisco. Titles vary slightly.
- 25548 MISCELLANEOUS vegetable report. Daily. Processed. Portland, Oreg. 1.9422 V8M68
- 25549 MONTHLY cold storage report - total U. S. holdings. Processed. New York. 1.9422 D8M76  
Also issued at Boston. 1.9422 D8C67
- 25550 MONTHLY domestic dairy markets review. Processed. 1.9 Ec724Do
- 25551 MONTHLY egg and poultry markets review. Processed. 1.9 Ec724Ep
- 25552 MONTHLY hop market review. Processed. Portland, Oreg. 1.9 Ec712Hop
- 25553 MONTHLY live poultry market report. Processed. New York. 1.9 Ec742ML
- 25554 MONTHLY report of carlot movement of eggs from Pacific Coast States. Processed. San Francisco. 1.942 D8M76  
California Department of Agriculture, Market News Service cooperating.
- 25555 MONTHLY review of the Boston wool market. Processed. Boston. 1.9 Ec742Mw
- 25556 NEW YORK [fruit and vegetable] market today. Daily. Processed. Philadelphia. 1.9422 Fr8N42  
Pennsylvania and New Jersey Departments of Agriculture, Bureau of Markets cooperating.
- 25557 NEW YORK weekly review of meat trade conditions. Processed. New York. 1.9 M34We
- 25558 NUTRITION news letter. Monthly. Processed. 173.3 H34Nu  
Distribution restricted to Nutrition Committee Chairmen.
- 25559 ORIGIN of receipts [butter, cheese, eggs, poultry]...by States. Monthly. Processed. 1.9 Ec742Or  
Issued at various cities including Baltimore, Chicago, Boston, New York, San Francisco. Titles vary.
- 25560 P. AND S. docket; a monthly report of action taken on cases arising under the Packers and Stockyards Act. Processed. 1.942 L8P12
- 25561 PHILADELPHIA daily fresh fruit and vegetable market today. Processed. Philadelphia. 1.9422 Fr8P53  
Pennsylvania and New Jersey Departments of Agriculture, Bureau of Markets cooperating.
- 25562 POTATO report; carlot shipments. Daily (seasonal). Processed. 1.9422 V8P84N  
Issued at various cities including Hastings, Fla., Idaho Falls, New York, Philadelphia, Presque Isle, Maine, Waupaca, Wis.
- 25563 RECEIPTS and disposition of livestock at public stockyards...(68 markets). Monthly. Processed. 1.9422 L8R24
- 25564 RICE market review. Weekly. Processed. San Francisco. 1.9422 G8R36  
California Department of Agriculture, Market News Service cooperating.
- 25565 RICE, stocks and movement report. Monthly. Processed. 1.9 Ec712R1  
Two issues - California mills; Southern mills.
- 25566 SEMI-MONTHLY honey report. Processed. 1.9 M34Ho
- 25567 SEMI-WEEKLY sweet potato bulletin. Processed. Fort Worth. 1.9422 V8P84T  
Issued during season.
- 25568 SOUTHEASTERN area weekly report; cotton classed during week and for season. Processed. Atlanta. 1.9422 C8R26
- 25569 SOUTHERN farm market summary. Weekly. Processed. Atlanta. 1.9422 A8So8
- 25570 SOUTHERN region container information. [Irregular.] Processed. Atlanta. 1.9422 A8M87
- 25571 SOYBEAN inspections. Monthly. Processed. 1.9422 V8So9
- 25572 STOCKER and feeder cattle and sheep received in several Corn Belt States. Monthly. Processed. Chicago. 1.9422 L8St6
- 25573 SUGAR statistics. [Irregular.] Processed. 1.94 Su3Ss  
"For trade and administrative use."
- 25574 SUMMARIES of decisions by the Secretary of Agriculture on complaints filed under the Perishable Agricultural Commodities Act. [Irregular.] Processed. 1.9422 Fr8Su6
- 25575 SUMMARY of actions on petitions. Weekly. Processed. 1.9422 A8Su6  
Petitions concerning War Food Orders. Include orders administered by the Office of Supply.
- 25576 SUMMARY of active food orders. Monthly. Processed. 1.9422 A8Su62
- 25577 SUMMARY of egg and poultry markets. Weekly. Processed. Chicago. 1.9422 Po8Su6  
Issued also at Boston, New York, Philadelphia, and Portland, Oreg.
- 25578 TERMINATED P. A. C. A. licenses. [Irregular.] Processed. 1.9422 A8T27
- 25579 TOBACCO market news report [by types]. Daily and weekly. Processed.  
Type 11(a), Old Belt flue-cured. Issued at Danville, Va. 1.9 Ec714Wtm  
Type 11(b), Middle Belt flue-cured. Issued at Raleigh, N. C. 1.9 Ec714Wto  
Type 12, Eastern North Carolina flue-cured. Issued at Raleigh, N. C. 1.9 Ec714Dr  
Type 13, South Carolina flue-cured. Issued at Florence, S. C. 1.9 Ec714DL  
Type 14, Georgia and Florida flue-cured. Issued at Valdosta, Ga. 1.9 Ec714Dd  
Type 21, Virginia fire-cured. Issued at Raleigh, N. C. 1.9 Ec714Wtm  
Type 22, Eastern District fire-cured. Issued at Louisville, Ky. 1.9 Ec714Dc  
Type 23, Western District fire-cured. Issued at Louisville, Ky. 1.9 Ec714Dm  
Type 31, Burley. Issued at Louisville, Ky. 1.9 Ec714Wtr  
Type 32, Southern Maryland. Issued at Upper Marlboro, Md. 1.9 Ec714T  
Type 35, One Sucker. Issued at Louisville, Ky. 1.9 Ec714We  
Type 36, Green River. Issued at Louisville, Ky. 1.9 Ec714Sh  
Type 37, Virginia sun-cured. Issued at Raleigh, N. C. 1.9422 T8W41  
Season, special, and supplemental reports are also issued.
- 25580 TOBACCO stocks report. Quarterly. Processed. 1.9 Ec714  
Leaf tobacco owned by dealers and manufacturers.
- 25581 TRUCK unloads of fruits and vegetables; total carlot unloads by commodities. Monthly. Processed. St. Louis. 1.9422 Fr8T76
- 25582 UNFINISHED cotton cloth prices, cotton prices, and mill margins. Monthly. Processed. 1.942 C8Un2
- 25583 UNITED STATES cotton quality report for ginnings. [Irregular during season.] Processed. 1.9 Ec733Wg
- 25584 VEGETABLE report. Daily. Processed. Weslaco, Tex. 1.9422 V8V522  
Issued also at Plant City, Fla.
- 25585 WAR FOOD bulletin. [Irregular.] Processed. San Francisco. 1.9422 A8W192
- 25586 WARTIME food bulletin. Weekly. Processed. Fort Worth. 1.9422 Fr8W262



- 25587 WEEKLY alfalfa market review. Processed. Portland, Ore. 1.9422 G8AL2P  
Also issued at Los Angeles. 1.9422 G8AL2L
- 25588 WEEKLY cotton linters review. Processed. 1.9 Ec733We
- 25589 WEEKLY cotton market review. Processed. 1.9 Ec733Cm  
Issued also at Atlanta. 1.9 Ec733Ws; at Bakersfield, Calif. 1.942 C8W41; at Dallas. 1.9 Ec733Wcd
- 25590 WEEKLY dairy markets review. Processed. Chicago. 1.9 M34Mb  
Issued also at Philadelphia. 1.9 M34Mb; at New York. 1.9422 D8W412; at San Francisco. 1.9422 D8W413
- 25591 WEEKLY feed grain market review. Processed. Portland, Ore. 1.942 G8W41
- 25592 WEEKLY feed market review. Processed. 1.9 Ec712Fm
- 25593 WEEKLY grain and feed market review. Processed. Atlanta. 1.9 Ec712Gf
- 25594 WEEKLY grain market review. Processed. 1.9 Ec72W  
Issued also at Chicago, Minneapolis, Kansas City, and Portland, Ore. (Kansas City. 1.942 G8W41; Portland. 1.9422 G8F32P)
- 25595 WEEKLY hay market review. Processed. Kansas City, Mo. 1.9 Ec712AL
- 25596 WEEKLY hop market review. Processed. Portland, Ore. 1.9 Ec712Hop
- 25597 WEEKLY livestock market review. Processed. South St. Joseph, Mo. 1.9 Ec742Wr  
Also issued at National Stockyards, Ill.
- 25598 WEEKLY livestock statistical report. Processed. Chicago. 1.9 Ec742L
- 25599 WEEKLY market report. Processed. Honolulu, Hawaii. 1.9 Ec741We  
Hawaii University, Agricultural Extension Service cooperating.  
Quotations on Island-grown fruits and vegetables, eggs, poultry, livestock, and meats.
- 25600 WEEKLY milk and cream report. Processed. New York. 1.9 Ec724W  
Also issued at Boston. 1.9422 D8W414
- 25601 WEEKLY peanut report. Processed. 1.9 Ec742P
- 25602 THE WEEKLY report of the cold storage companies of Cleveland, Ohio to the...Office of Marketing Services. Processed. Cleveland. 1.9422 D8W41
- 25603 WEEKLY report on "Feed Supplies." [Letter] to farm program directors from D. G. Lerch. Processed. New York. 1.9422 G8F322
- 25604 WEEKLY review of the Boston wool market. Processed. Boston. 1.9 Ec742Wo
- 25605 WEEKLY rice market review. Processed. 1.9 Ec712R
- 25606 WEEKLY slaughter [of livestock] under Federal inspection at 32 centers. Processed. Chicago. 1.9422 L8SL1
- 25607 WEEKLY stocker and feeder [cattle] report. Processed. South St. Paul, Minn. 1.9 Ec742Sto  
Issued also at Kansas City, Mo.
- 25608 WEEKLY summary of carlot shipments [of fruits and vegetables]. Processed. 1.9 Ec742W
- 25609 WESTERN sheep and lamb contract report. Weekly. Processed. San Francisco. 1.9 Ec742Sp
- 25610 WHEAT market review. Weekly. Processed. San Francisco. 1.9422 G8W56  
California Department of Agriculture, Market News Service cooperating.

## RURAL ELECTRIFICATION ADMINISTRATION

- 25611 OUTLINE of REA Act. 2 p., processed. 1945. 1.933 Ou8

- 25612 PLUMBING specifications for cold storage locker plants. 7 p., processed. St. Louis? 1945? 1.933 P73
- 25613 PROCESSING pork products in REA refrigeration locker plants. 7 p., processed. St. Louis? n.d. 1.933 P946  
Curing methods and ingredients; storing meat on the farm; lard rendering.
- 25614 WRAPPING and packaging materials necessary for prevention of food desiccation. 2 p., processed. St. Louis? n.d. 1.933 W92

## Periodicals

- 25615 ANNOUNCEMENT [of loan allotments]. [Irregular.] Processed. St. Louis. 173.2 R88P
- 25616 NEWSLETTER topics. [Irregular.] Processed. St. Louis. 1.933 N47
- 25617 THE REA lineman. Monthly. Processed. St. Louis. 1.933 R882  
In the interest of safety for employees of REA systems.
- 25618 REA PRESS digest; a semi-monthly summary of press and radio items concerning REA. Processed 1.933 R222
- 25619 REA ROLL call. Semimonthly. Processed. St. Louis. 1.933 R224
- 25620 RURAL electrification news. Monthly. 173.2 R88Ru
- 25621 SPAN. Weekly. Processed. 1.933 Sp2  
Published by the REA Athletic Association for employees of REA.
- 25622 SURPLUS war property; items of interest to REA borrowers. [Irregular.] Processed. St. Louis. 1.933 Su7

## SECRETARY, OFFICE OF

- 25623 ANDERSON, C. P. Common sense about cotton. 12 p., processed. 1945. 1.91 A2An2  
Address, National Cotton Picking Contest, Blytheville, Ark., Oct. 5, 1945.
- 25624 ANDERSON, C. P. The path to better living. 10 p., processed. 1945. 1.91 A2An2  
Address before Agriculture-Industry Conference, Decatur, Ill., Sept. 20, 1945.
- 25625 ANDERSON, C. P. Radio serves the farmer. 2 p. Sept. 15, 1945. (Nat'l. Farm and Home Hour) 1.91 A2An2
- 25626 ANDERSON, C. P. Radio talk...on March of Time program...July 19, 1945. 2 p., processed. 1945. 1.91 A2An2  
Problems in food transportation.
- 25627 ANDERSON, C. P. Statement...on S. 1349, a bill to provide for the amendment of the Fair Labor Standards Act of 1938...before the Subcommittee of Senate Committee on Education and Labor...September 27, 1945. 7 p., processed. 1945. 1.91 A2An2

## SOIL CONSERVATION SERVICE

- 25628 ANDERSON, H. O., and MCNALL, P. E. The acme of conservation farming. 5 p., processed. La Crosse, Wis., 1945. 1.96 Ad6Ac  
Wisconsin Agricultural Experiment Station cooperating.
- 25629 BENNETT, H. H. Land problems of the Missouri River basin. 13 p. 1945. 1.96 Ad62  
Testimony on S. 555 presented before Committee on Irrigation and Reclamation, U. S. Senate, Sept. 20, 1945.
- 25630 BIBLIOGRAPHY on soil conservation. 13 p., processed. Milwaukee, 1945. 1.96 Ad6Bs
- 25631 EINSTEIN, H. A. Sediment movement in Wildwood Canyon. 29 p., processed. Pasadena, U. S. Soil Conserv. Serv. Coop. Lab. Calif. Inst. of Technol., 1945. (TR-75-CF-R1) 1.96 R31Sm



25632 HISTORIA fotográfica de obras de conservación en el área Rio Grande-San Juan del Servicio de Conservación del Suelo (obras de conservación en el área árido de los EE.UU.). 23 p., processed. 1945. 1.96 Ad6H

25633 PHYSICAL land conditions affecting use, conservation and management of land resources, Brown County, Kansas. 23 p., processed. 1945. 1.96 L22Phb

Kansas Agricultural Experiment Station cooperating.

25634 SNOW surveys and irrigation water forecasts for Oregon. 26 p., processed. Portland? 1945. 1.96 R31Fso

Oregon Agricultural Experiment Station cooperating.

25635 SNOW surveys and irrigation water forecasts, Gila and Salt River drainages in Arizona. Special supplemental report. 1 p., processed. Fort Collins, Colo., 1945. 1.96 R31Sn

U. S. Forest Service, U. S. Indian Service, U. S. Weather Bureau, the Salt River Valley Water Users' Association, San Carlos Irrigation and Drainage District cooperating.

25636 SUMMARY of conference, extension soil conservationists and State conservationists, Southeastern region, Atlanta, Georgia, January 16-18, 1945. 10 p., processed. 1945. 1.9602 Su62

25637 SUTTON, J. G. Problems in the drainage phase of the soil conservation program. 9 p., processed. 1945. 1.96 Op2Sut

Presented before the Third Annual Conference of the State Soil Conservation Committee at Medford Lakes, N. J., on Oct. 9, 1945.

#### Periodicals

25638 SOIL conservation districts; state of organization by States, approximate acreage, number of operating units and farms in organized districts. Monthly. Processed. 1.96 R27Sc

25639 SOIL conservation; official organ of the Soil Conservation Service. Monthly. 1.6 So3S

#### SOLICITOR, OFFICE OF

25640 BEFORE the Interstate Commerce Commission, American National Livestock Association et al. v. Abilene & Southern Railway Company et al., Docket No. 29366; Armour and Company v. Abilene & Southern Railway Company et al., Docket No. 29366 Sub 1; Memphis Freight Bureau, Incorporated et al. v. Abilene & Southern Railway Company et al., Docket No. 29366 Sub 2. Petition by the Secretary of Agriculture for leave to intervene. 3 p., processed. 1945. 1.918 Am32

Pertains to transportation rates of farm products.

25641 BEFORE the Interstate Commerce Commission, Ex parte No. 148. Increased railway rates, fares, and charges, 1942. Petition by the Secretary of Agriculture to construe original order and discontinue proceeding. 6 p., processed. 1945. 1.918 R13P

#### Periodicals

25642 OPINIONS of the Solicitor...index-digest. [Irregular.] Processed. 1.9 So450

#### SUPPLY, OFFICE OF

25643 "A" AWARDS for plants & employees. 2 p., processed. New York, 1945. 1.957 Su7Aal

The "A" Achievement Award presented by USDA to food processing plants for outstanding production achievements.

25644 BIBLIOGRAPHY, school lunch materials; Government publications. 2 p., processed. Chicago, 1945. 1.957 Su7B47

25645 CARTER, W. A. 1945 - year of food crisis. 7 p., processed. 1945. 1.9422 Civ2C24  
Address before Nutrition Conference of the 9 Western States, Salt Lake City, June 9, 1945.

25646 DRY PEAS in school lunch menus. 1 p., processed. 1945. 1.957 Su7D842

25647 FACT sheet on industrial feeding. 2 p., processed. New York, 1945. 1.957 Su7F115

25648 FACT sheet on Michigan peaches. 2 p., processed. Chicago, 1945. 1.957 Su7F116

25649 FEDERAL agencies and their relationship to the veteran. 4 p., processed. Chicago, 1945. 1.957 Su7F31

Services offered by Federal agencies.

25650 FILLER facts on fat salvage. 2 p., processed. New York, n. d. 1.957 Su7F48

25651 MEAT alternates. 8 p., processed. Chicago, n. d. 1.957 Su7M46

Recipes.

25652 PLANNING a school lunch kitchen with use of cut out units. 3 p., processed. San Francisco? n. d. 1.957 Su7P69

25653 \*POLLOCK, E. O. "Lend-lease and domestic food supply notes." 8 p., processed. Chicago, 1945. 1.957 Su7L54

25654 POTATO fact sheet for 1945. 2 p., processed. Kansas City, 1945. 1.957 Su7P84

25655 TO END lamb liquidation. 2 p., processed. New York, 1945. 1.957 Su7T55

Commodity Credit Corporation authorized to make subsidy payments to all sellers of sheep and lambs who sell directly to authorized slaughterers.

25656 USE OF Food Priority Certificates in obtaining shell eggs for hospitals. 5 p., processed. San Francisco, 1945. 1.957 Su7Us2

25657 WHERE Canadian meat is going. 3 p., processed. 1945. 1.957 Su7W57

#### Periodicals

25658 INDUSTRIAL nutrition service. Monthly. Processed. 1.9422 N2In22

Distributed to nutrition committees from 5 regional offices - Atlanta, Chicago, Dallas, New York, and San Francisco.

Foods served in different ways; quantity recipes.

25659 SERVING many. Monthly. Processed. 1.9422 A8Se6A

Issued at four regional offices - Atlanta, Chicago, Dallas, New York.

Food news for food managers in industrial plants, restaurants, hotels, and hospitals.

#### WAR FOOD ADMINISTRATION

25660 FINAL report of the War Food Administrator, 1945. 39 p. 1945. 1 F735F1

General activities, July 1943-June 1945. Includes food programs and problems, support prices, farm production, distribution of food, storage and transportation, farm labor.



STATE AGRICULTURAL EXPERIMENT STATION PUBLICATIONS  
December 1945

Includes State Agricultural Experiment Station publications received in the library during the preceding month. Articles in Station periodicals containing more than one article in an issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Experiment Stations are not available from the U. S. Department of Agriculture but are often available from the publishing State agricultural experiment station.

Mimeographed or processed material issued by the State Agricultural Experiment Stations is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Arizona Agricultural Experiment Station, Tucson

- 25661 TETREAU, E. D. Selecting Arizona settlers. Ariz. Agr. Expt. Sta. B. 196, 28 p. 1945. 100 Ar4  
With particular reference to returned war veterans.

Arkansas Agricultural Experiment Station, Fayetteville

- 25662 SHANK, D. B., and MCCLELLAND, C. K. 1944 Arkansas corn yield tests. Ark. Agr. Expt. Sta. Rpt. Ser. 1, 22 p. 1945. 100 Ar42R

California Agricultural Experiment Station, Berkeley

- 25663 FRAZIER, N. W., and SEVERIN, H. H. P. Weed-host range of California aster yellows. Hilgardia: 621-650. June 1945. 100 C12H

- 25664 FREITAG, J. H., and SEVERIN, H. H. P. Transmission of celery-yellow-spot virus by the honey-suckle aphid, *Rhopalosiphum conii* (Dvd.) Hilgardia 16: 375-384. Mar. 1945. 100 C12H

- 25665 KLEIBER, M., REGAN, W. M., and MEAD, S. W. Measuring food values for dairy cows. Hilgardia 16: 511-571. May 1945. 100 C12H

- 25666 SEVERIN, H. H. P., and FREITAG, J. H. Additional ornamental flowering plants naturally infected with California aster yellows. Hilgardia: 599-618. June 1945. 100 C12H

- 25667 SEVERIN, H. H. P., and FRAZIER, N. W. California aster yellows on vegetable and seed crops. Hilgardia 16: 573-596. June 1945. 100 C12H

- 25668 TAVERNETTI, J. R., BELTON, H. L., and ASMUNDSON, V. S. An emergency homemade electric brooder. 4 p., reprint. Calif. Agr. Expt. Sta., 1944. 47 C123E

Colorado Agricultural Experiment Station, Fort Collins

- 25669 CODE, W. E. Ground water supply of Prospect Valley, Colorado. Colo. Agr. Expt. Sta. Tech. B. 34, 40 p. 1945. 100 C71S

Delaware Agricultural Experiment Station, Newark

- 25670 HOFFMANN, E. Poultry pasture. Del. Agr. Expt. Sta. B. 254, 27 p. 1945. Ref., p. 26-27. 100 D37S

- 25671 TOMHAVE, A. E., and SEEGER, K. C. Floor space requirements of broilers. Del. Agr. Expt. Sta. B. 255, 22 p. 1945. 100 D37S

Florida Agricultural Experiment Station, Gainesville

- 25672 BLASER, R. E., and others. Pastures for Florida. Fla. Agr. Expt. Sta. B. 409, 73 p. 1945. 100 F66S

W. E. Stokes, J. D. Warner, G. E. Ritchey, and G. B. Killinger, joint authors.

- 25673 RUEHLE, G. D. The Kent and Zill mangos. Fla. Agr. Expt. Sta. Press B. 614, 4 p. 1945. 100 F66S

Georgia Agricultural Experiment Station, Experiment

- 25674 THE HOME orchard. Ga. Agr. Expt. Sta. Press B. 542, 2 p., processed. 1945. 100 G29P

- 25675 GEORGIA can increase peanut production by 50 per cent without an increase in acreage. Ga. Agr. Expt. Sta. Press B. 543, 1 p., processed. 1945. 100 G29P

- 25676 STUCKEY, H. P. Plant propagation. Ga. Agr. Expt. Sta. Press B. 544, 2 p., processed. 1945. 100 G29P

- 25677 VAN HALTERN, F., and BISSELL, T. L. Suggestions on growing cantaloupes. Ga. Agr. Expt. Sta. Press B. 545, 1 p., processed. 1945. 100 G29P

- 25678 BISSELL, T. L., and ALDEN, C. H. Control of insect pests of peanuts in the field. Ga. Agr. Expt. Sta. Press B. 546, rev., 1 p., processed. 1945. 100 G29P

- 25679 BISSELL, T. L. Control of corn weevils and grain moths. Ga. Agr. Expt. Sta. Press B. 547, 1 p., processed. 1945. 100 G29P

- 25680 THE EFFECT of various factors on the ascorbic acid, riboflavin and thiamine content of tomatoes. Ga. Agr. Expt. Sta. Press B. 548 (South. Coop. Ser. Prog. Rpt. 5), 5 p., processed. 1945. 100 G29P

A contribution to the National Cooperative Project, Conservation of Nutritive Value of Foods.

Georgia, Louisiana, and Virginia Truck Agricultural Experiment Stations cooperating.

- 25681 HOW GOOD is your stand of peanuts? Ga. Agr. Expt. Sta. Press B. 549, 1 p., processed. 1945. 100 G29P

- 25682 BISSELL, T. L. Insect pests of ornamental shrubs. Ga. Agr. Expt. Sta. Press B. 550, 1 p., processed. 1945. 100 G29P

- 25683 BALLARD, W. W. North Georgia cotton variety tests, 1942 to 1944. Ga. Agr. Expt. Sta. Press B. 552, 3 p., processed. 1945. 100 G29P

- 25684 MASSEY, Z. A. Worm control for swine. Ga. Agr. Expt. Sta. Press B. 553, 1 p., processed. 1945. 100 G29P

Georgia Coastal Plain Experiment Station, Tifton

- 25685 HOW TO eliminate mastitis from the dairy herd. Ga. Coastal Plain Agr. Expt. Sta. Mimeog. Paper 41, 6 p. 1945. 100 G292M

Idaho Agricultural Experiment Station, Moscow

- 25686 LARSON, H. W. E., and SCHULTZ, H. K. Influence of commercial fertilizers on Idaho potatoes: an analysis of 10 years' results on the influence of commercial fertilizers and cropping history on yield and market grade of potatoes grown under irrigation. Idaho. Agr. Expt. Sta. B. 265, 15 p. 1945. 100 Id1

- 25687 BEESON, W. M., and HICKMAN, C. W. Nutritive value of cull peas for fattening hogs. Idaho. Agr. Expt. Sta. C. 106, 4 p. 1945. 100 Id1

Illinois Agricultural Experiment Station, Urbana

- 25688 KELLY, R. A. The cost of producing and marketing snap beans in Alexander, Pulaski, and Union Counties, Illinois, 1943. Ill. Agr. Expt. Sta. AE-2215, 10 p., processed. 1944. 275.29 I162P

- 25689 MOSHER, M. L., and REISS, F. J. Fifth annual report of feeder cattle fed during the years 1942 and 1943 by cooperators in the Farm Bureau Management Service. Ill. Agr. Expt. Sta. AE-2238, 26 p., processed. 1944. 275.29 I162P

- 25690 PRODUCTION adjustment study of Illinois agriculture: a review and reappraisal of the wartime production capacity of Illinois agriculture for 1946. Ill. Agr. Expt. Sta. AE-2331, 20 p., processed. 1945. 275.29 I162P

U. S. Department of Agriculture cooperating.



- 25691 ASHBY, R. C. Small livestock slaughter plants in Illinois: a preliminary report. Ill. Agr. Expt. Sta. AE-2340, 8 p., processed. 1945. 275.29 I162P
- 25692 BAUER, F. C., LANG, A. L., and NELSON, M. H. Joliet Soil Experiment Field, 1914-1944: general summary of results. Ill. Agr. Expt. Sta. AG-834, 4 p., processed. 1945. 275.29 I162Pag
- 25693 BAUER, F. C., LANG, A. L., and NELSON, M. H. Dixon Soil Experiment Field, 1910-1944: general summary of results. Ill. Agr. Expt. Sta. AG-835, 4 p., processed. 1945. 275.29 I162Pag
- 25694 BAUER, F. C., LANG, A. L., and NELSON, M. H. Clayton Soil Experiment Field, 1911-1944: general summary of results. Ill. Agr. Expt. Sta. AG-836, 4 p., processed. 1945. 275.29 I162Pag
- 25695 BAUER, F. C., LANG, A. L., and NELSON, M. H. Aledo Soil Experiment Field, 1910-1944: general summary of results. Ill. Agr. Expt. Sta. AG-837, 4 p., processed. 1945. 275.29 I162Pag
- 25696 BAUER, F. C., LANG, A. L., and NELSON, M. H. Carthage Soil Experiment Field, 1911-1944: general summary of results. Ill. Agr. Expt. Sta. AG-838, 4 p., processed. 1945. 275.29 I162Pag
- 25697 BAUER, F. C., and MILLER, L. B. Carlinville Soil Experiment Field, 1910-1944: general summary of results. Ill. Agr. Expt. Sta. AG-839a, 4 p., processed. 1945. 275.29 I162Pag
- 25698 BAUER, F. C., LANG, A. L., and NELSON, M. H. Kewanee Soil Experiment Field, 1915-1944: general summary of results. Ill. Agr. Expt. Sta. AG-840, 4 p., processed. 1945. 275.29 I162Pag
- 25699 BAUER, F. C., LANG, A. L., and NELSON, M. H. Oquawka Soil Experiment Field, 1915-1944: general summary of results. Ill. Agr. Expt. Sta. AG-841, 4 p., processed. 1945. 275.29 I162Pag
- 25700 BAUER, F. C., LANG, A. L., and MILLER, L. B. McNabb Soil Experiment Field, 1907-1944: general summary of results. Ill. Agr. Expt. Sta. AG-842, 4 p., processed. 1945. 275.29 I162Pag
- 25701 BAUER, F. C., LANG, A. L., and NELSON, M. H. Mt. Morris Soil Experiment Field, 1910-1944: general summary of results. Ill. Agr. Expt. Sta. AG-843, 4 p., processed. 1945. 275.29 I162Pag
- 25702 BAUER, F. C., LANG, A. L., and MILLER, L. B. Minonk Soil Experiment Field, 1910-1944: general summary of results. Ill. Agr. Expt. Sta. AG-844, 4 p., processed. 1945. 275.29 I162Pag
- 25703 BAUER, F. C., LANG, A. L., and MILLER, L. B. Hartsburg Soil Experiment Field, 1911-1944: general summary of results. Ill. Agr. Expt. Sta. AG-845, 4 p., processed. 1945. 275.29 I162Pag
- 25704 BAUER, F. C., and BADGER, C. J. Enfield Soil Experiment Field, 1912-1944: general summary of results. Ill. Agr. Expt. Sta. AG-847, 4 p., processed. 1945. 275.29 I162Pag
- 25705 BAUER, F. C., and FARNHAM, C. H. The Morrow plots: America's oldest experiment field established in 1876. Ill. Agr. Expt. Sta. AG-948, 19 p., processed. 1945. 275.29 I162Pag
- 25706 BAUER, F. C., and JOHNSON, P. E. Brownstown Soil Experiment Field, 1945: general summary of results. Ill. Agr. Expt. Sta. AG-953, 4 p., processed. 1945. 275.29 I162Pag
- 25707 BAUER, F. C., and JOHNSON, P. E. Toledo Soil Experiment Field, 1913-1944: general summary of results. Ill. Agr. Expt. Sta. AG-1023, 4 p., processed. 1945. 275.29 I162Pag
- 25708 BAUER, F. C., and JOHNSON, P. E. Newton Soil Experiment Field, 1912-1944: general summary of results. Ill. Agr. Expt. Sta. AG-1096a, 4 p., processed. 1945. 275.29 I162Pag
- 25709 BAUER, F. C., and JOHNSON, P. E. West Salem Soil Experiment Field, 1912-1944: general summary of results. Ill. Agr. Expt. Sta. AG-1096c, 4 p., processed. 1945. 275.29 I162Pag
- 25710 BRIEF description of Kendall County soils. Ill. Agr. Expt. Sta. AG-1188, 10 p., processed. 1944. 275.29 I162Pag
- 25711 BRAY, R. H. Potash standard rotation requirements (4-year). Ill. Agr. Expt. Sta. AG-1198, 8 p., processed. 1944. 275.29 I162Pag
- 25712 KOEHLER, B., and BOLIN, O. Ear rot ratings of corn inbreds: corn inbreds ranked according to their resistance to *Diplodia* and *Fusarium* ear rots as determined in single crosses, 1939-1943. Ill. Agr. Expt. Sta. AG-1199, 4 p., processed. 1944. 275.29 I162Pag
- 25713 DUNGAN, G. H. Spring wheat adaptability for Illinois; supplementing Bulletin 483 by presenting results of variety tests in 1940-1943. Ill. Agr. Expt. Sta. AG-1205, 4 p., processed. 1944. 275.29 I162Pag
- 25714 APPLEMAN, M. D., and SEARS, O. H. Inoculation of legumes. Ill. Agr. Expt. Sta. AG-1206, 4 p., processed. 1944. 275.29 I162Pag
- 25715 BOLIN, O., and WOODWORTH, C. M. Brief description of inbred lines of corn. Ill. Agr. Expt. Sta. AG-1209, 13 p., processed. 1944. 275.29 I162Pag
- 25716 BAUER, F. C. Pasture fertility: results from an experiment established in 1934 on the Mumford plots at Urbana. Ill. Agr. Expt. Sta. AG-1213, 1 p., processed. 1944. 275.29 I162Pag
- 25717 APPLEMAN, M. D., and SEARS, O. H. Effect of soybeans on soil productivity. Ill. Agr. Expt. Sta. AG-1214, 4 p., processed. 1944. 275.29 I162Pag
- 25718 BRAY, R. H. The potash problem in Illinois. Ill. Agr. Expt. Sta. AG-1215, 12 p., processed. 1944. 275.29 I162Pag
- 25719 BRAY, R. H. Soil test interpretation and fertilizer use. Ill. Agr. Expt. Sta. AG-1220, 4 p., processed. 1944. 275.29 I162Pag
- 25720 FUELLEMAN, R. F., and BURLISON, W. L. Investigation on agronomy pasture plots. Ill. Agr. Expt. Sta. AG-1221, 4 p., processed. 1944. 275.29 I162Pag
- 25721 STAUFFER, R. S. Is the moldboard plow doomed? Ill. Agr. Expt. Sta. AG-1222, 5 p., processed. 1944. 275.29 I162Pag
- 25722 SEED supplies: corn. Ill. Agr. Expt. Sta. AG-1223a, 6 p., processed. 1944. 275.29 I162Pag
- 25723 MAJOR Illinois soil catenas: Upland, loess-derived soils over highly weathered drift (Illinoian). Ill. Agr. Expt. Sta. AG-1224, 2 p., processed. 1944. 275.29 I162Pag
- 25724 MAJOR Illinois soil catenas: Upland, unweathered (Wisconsin) glacial till-derived soils (loess if present less than three feet thick). Ill. Agr. Expt. Sta. AG-1224b, 2 p., processed. 1944. 275.29 I162Pag
- 25725 SNIDER, H. J. Chemical composition of hemp straw. Ill. Agr. Expt. Sta. AG-1225, 4 p., processed. 1944. 275.29 I162Pag
- 25726 APPLEMAN, M. D., and SEARS, O. H. Report of commercial legume inoculants. Ill. Agr. Expt. Sta. AG-1229, 4 p., processed. 1944. 275.29 I162Pag
- 25727 WALKER, E. D., and FURNELL, W. F. A guide to soil conservation district organization in Illinois. Ill. Agr. Expt. Sta. AG-1230, 7 p., processed. 1944. 275.29 I162Pag
- 25728 FUELLEMAN, R. F. Kudzu. Ill. Agr. Expt. Sta. AG-1244, 4 p., processed. 1945. 275.29 I162Pag
- 25729 WOODWORTH, C. M., and WILLIAMS, L. F. Lincoln soybeans. Ill. Agr. Expt. Sta. AG-1246, 9 p., processed. 1945. 275.29 I162Pag
- U. S. Regional Soybean Laboratory cooperating.
- 25730 FUELLEMAN, R. F. Mangels. Ill. Agr. Expt. Sta. AG-1251, 3 p., processed. 1945. 275.29 I162Pag
- 25731 WEIBEL, R. O., and BURLISON, W. L. Sunflower seed production in Illinois. Ill. Agr. Expt. Sta. AG-1252, 8 p., processed. 1945. 275.29 I162Pag
- 25732 FUELLEMAN, R. F. Millets in Illinois. Ill. Agr. Expt. Sta. AG-1254, 5 p., processed. 1945. 275.29 I162Pag



25733 FUELLEMAN, R. F., and BURLISON, W. L. Investigations on agronomy pasture plots. Ill. Agr. Expt. Sta. AG-1262, 4 p., processed. 1945. 275.29 I162Pag

25734 WARTIME agricultural research: fifty-second annual report of the Idaho Agricultural Experiment Station for the year ending June 30, 1945. 51 p. 1945. 100 I41

Indiana Agricultural Experiment Station, Lafayette

25735 INDIANA'S optimum agricultural production for 1945. Ind. Agr. Expt. Sta. Agr. Econ. Mimeog. 32, 19 p. 1944. 100 In2Ag

25736 ROBERTSON, L. Methods of leasing live-stock in Indiana. Ind. Agr. Expt. Sta. Agr. Econ. Mimeog. 33, 17 p. 1944. 100 In2Ag

25737 STUDY your own farm work methods. Ind. Agr. Expt. Sta. Agr. Econ. Mimeog. 36, 17 p. 1945. 100 In2Ag

Iowa Agricultural Experiment Station, Ames

25738 SCHULZ, J. A., and THOMAS, B. H. The effect of various adjuvants to the diet of rats on the changes in body fats induced by feeding soybean oil. Iowa. Agr. Expt. Sta. Res. B. 336, p. 629-647. 1945. 100 Io9

Includes soybean meal.

Maine Agricultural Experiment Station, Orono

25739 TOBEY, E. R. Foods and drugs. Maine. Agr. Expt. Sta. Off. Insp. 195, p. 119-202. 1945. 100 M28S

Massachusetts Agricultural Experiment Station, Amherst

25740 GUNNESS, C. I. Meteorological observations for August, September, 1945. Mass. Agr. Expt. Sta. Met. Ser. B. 680, 681, 4 p. each. 1945. 100 M38H

Michigan Agricultural Experiment Station, East Lansing

25741 QUARTERLY bulletin, v. 28, No. 1, 81 p. Aug. 1945. 100 M58S

25742 AVAILABLE bulletins, April 1945, Michigan State College Agricultural Experiment Station and Extension Service. 22 p. 1945. 241 M583

Minnesota Agricultural Experiment Station, University Farm, St. Paul

25743 MINNESOTA farm and home science, v. 3, No. 1, 16 p. Oct. 15, 1945. 100 M668

Mississippi Agricultural Experiment Station, State College

25744 PITNER, J. Soil management on heavy clay (buckshot) soils. Miss. Agr. Expt. Sta. Serv. Sheet 394, 1 p. 1945. 100 M69

25745 PITNER, J. Winter legumes for cotton production. Miss. Agr. Expt. Sta. Serv. Sheet 395, 1 p. 1945. 100 M69

25746 PITNER, J. Fertilizer for cotton following winter legumes. Miss. Agr. Expt. Sta. Serv. Sheet 396, 1 p. 1945. 100 M69

25747 MISSISSIPPI farm research, v. 8, No. 9, 8 p. Sept. 1945. 100 M69M1

Missouri Agricultural Experiment Station, Columbia

25748 MISSOURI program of land improvement. Mo. Agr. Expt. Sta. C. 303, 23 p. 1945. 100 M693

Montana Agricultural Experiment Station, Bozeman

25749 RICHARDSON, J. E., and MAYFIELD, H. L. Sugar substitutes and their uses in canning and baking. Mont. Agr. Expt. Sta. C. 183, 7 p. 1945. 100 M76

Revision of C. 168.

25750 MILLS, H. B. The wheat stem sawfly *Cephus cinctus*, in Montana. Mont. Agr. Expt. Sta. War C. 6, rev., 6 p. 1945. 100 M76W

Nebraska Agricultural Experiment Station, Lincoln

25751 MILLER, F., and FILLEY, H. C. Land prices. Nebr. Agr. Expt. Sta. B. 379, 35 p. 1945. 100 N27

25752 SMITH, H. W., and RHOADES, H. F. Physical and chemical properties of soil profiles of the Bur-chard and Steinauer series. Nebr. Agr. Expt. Sta. Res. B. 139, 41 p. 1945. 100 N27

New Mexico Agricultural Experiment Station, State College

25753 BOTKIN, C. W. Native hard fiber. N. Mex. Agr. Expt. Sta. Press B. 990, 1 p., processed. 1944. 100 N465

25754 STATEN, G. The spinning quality of Acala 1517 cotton and factors affecting it. N. Mex. Agr. Expt. Sta. Press B. 994, 5 p., processed. 1944. 100 N465

New York (Cornell) Agricultural Experiment Station, Ithaca

25755 SMOCK, R. M., and SOUTHWICK, F. W. Studies on storage scald of apples. N. Y. (Cornell) Agr. Expt. Sta. B. 813, 39 p. 1945. Ref., p. 38-39. 100 N48C

25756 RASMUSSEN, M. P., QUITSLUND, F. A., and CAKE, E. W. Fruit and vegetable stores as retail outlets for fruit. N. Y. (Cornell) Agr. Expt. Sta. B. 815, 68 p. 1945. 100 N48C

25757 WILSON, J. K. Destruction of certain vitamins and pigments by nitrous acid. N. Y. (Cornell) Agr. Expt. Sta. Mem. 271, 6 p. 1945. 100 N48C

New York (State) Agricultural Experiment Station, Geneva

25758 SUIT, R. F., and PALMITER, D. H. Control of gooseberry diseases. N. Y. (State) Agr. Expt. Sta. B. 711, 22 p. 1945. 100 N48

North Carolina Agricultural Experiment Station, State College Station, Raleigh

25759 MOSS, E. G., and TETER, N. C. Bright leaf tobacco curing. N. C. Agr. Expt. Sta. B. 346, 25 p. 1944. 100 N81

25760 TETER, N. C., and MOSS, E. G. Heating tobacco barns with stokers. N. C. Agr. Expt. Sta. B. 352, 8 p. 1945. 100 N81

25761 ELLIS, D. E., and TODD, F. A. Control of lettuce damping-off. N. C. Agr. Expt. Sta. Spec. C. 4, 7 p. 1945. 100 N81Sp

North Dakota Agricultural Experiment Station, State College Station, Fargo

25762 BIMONTHLY bulletin, v. 8, No. 1, 30 p. Sept./Oct. 1945. 100 N813B

Oklahoma Agricultural Experiment Station, Stillwater

25763 OSWALT, R. M. Oklahoma farm wheat improvement program, 1944-45. Okla. Agr. Expt. Sta. Mimeog. C. M-151, 5 p. 1945. 100 Ok4M

25764 FENTON, F. A. DDT as a house, restaurant, or dairy spray. Okla. Agr. Expt. Sta. Mimeog. C. M-152, 2 p. 1945. 100 Ok4M

Oregon Agricultural Experiment Station, Corvallis

25765 WIEGAND, E. H., and others. Home fruit and vegetable dehydration. Oreg. Agr. Expt. Sta. B. 423, 27 p. 1944. 100 Or3

F. E. Price, D. E. Kirk, T. Onsdorff, and A. Holmes, joint authors.

25766 BARTHOLOMEW, O. F. Soil survey of the Dalles Orchard area, Oregon. Oreg. Agr. Expt. Sta. B. 424, 16 p., map in pocket. 1944. 100 Or3

25767 CROP variety recommendations for Oregon. Oreg. Agr. Expt. Sta. B. 426, 7 p. 1945. 100 Or3

25768 WILCOX, M. T., and MUMFORD, D. C. Man labor requirements for harvesting pole snap beans in Oregon. Oreg. Agr. Expt. Sta. C. 166, 47 p. 1945. 100 Or3



Pennsylvania Agricultural Experiment Station, State College

- 25769 WHITE, J. W., HOLBEN, F. J., and RICHER, A. C. Production, composition, and value of poultry manure. Pa. Agr. Expt. Sta. B. 469, 42 p. 1944. 100 P381
- 25770 PIERCE, C. W. Fluid milk and fluid cream sales, Allegheny County, 1936-44. Pa. Agr. Expt. Sta. B. 470, 21 p. 1945. 100 P381
- 25771 NICHOLAS, J. E. Freezing rates of foods. Pa. Agr. Expt. Sta. B. 471, 20 p. 1945. 100 P381
- 25772 WINK, A. T. Housing conditions in rural Pennsylvania. Pa. Agr. Expt. Sta. B. 472, 32 p. 1945. 100 P381
- 25773 JOSEPHSON, D. V., and DOAN, F. J. Ascorbic acid in evaporated milk. Pa. Agr. Expt. Sta. B. 473, 22 p. 1945. 100 P381
- 25774 STERN, J. K. Inventory of farmers' cooperatives, Pennsylvania, 1943. Pa. Agr. Expt. Sta. B. 474, 63 p. 1945. 100 P381
- 25775 WILDE, E. I., LINK, C. B., and CULBERT, J. R. Trial of annual flowers, 1945. Pa. Agr. Expt. Sta. J. Ser. Paper 1289, 29 p., processed. 1945. 100 P381J

Rhode Island Agricultural Experiment Station, Kingston

- 25776 RICH, A. E. Some factors affecting the yield and grade of Green Mountain potatoes in Rhode Island. R. I. Agr. Expt. Sta. B. 297, 19 p. 1945. Ref., p. 17-19. 100 R34S
- 25777 TENNANT, J. L., and MCGUIRE, O. F. Post-war farm production, Rhode Island. R. I. Agr. Expt. Sta. Misc. P. 23, 14 p., processed. 1944. 100 R34M
- 25778 ANDERSEN, E. M., and MARCHANT, W. L., JR. Vegetable variety trials in Rhode Island, 1944. R. I. Agr. Expt. Sta. Misc. P. 25, 6 p., processed. 1945. 100 R34M
- 25779 TENNANT, J. L. Farm production 1946, Rhode Island. R. I. Agr. Expt. Sta. Misc. P. 28, 11 p., processed. 1945. 100 R34M
- 25780 HAVERN, J. J., and STETSON, C. H., JR. Inspection of feeds and fertilizers. 54 p. R. I. Agr. Expt. Sta., 1945. 100 R34S

South Dakota Agricultural Experiment Station, Brookings

- 25781 HOGLUND, C. R. Second annual report of the Southeastern South Dakota farm record project, 1944. S. Dak. Agr. Expt. Sta. Agr. Econ. Pam. 16, 15 p., processed. 1945. 281.9 So86
- South Dakota State College Agricultural Extension Service cooperating.
- 25782 A SURVEY of fruit production and consumption in South Dakota, 1944. S. Dak. Agr. Expt. Sta. Agr. Econ. Pam. 17, 15 p., processed. 1945. 281.9 So86

- 25783 BUCHHOLTZ, W. F., and NAGEL, C. M. Leaf curl and pockets control of sand cherry, by a lime-sulphur dormant spray. S. Dak. Agr. Expt. Sta. B. 380, 8 p. 1945. 100 So82
- 25784 HOGLUND, C. R. Facts for prospective farmers and ranchers in South Dakota. S. Dak. Agr. Expt. Sta. C. 59, 16 p. 1945. 100 So82

Tennessee Agricultural Experiment Station, Knoxville

- 25785 SHARP, M. A. The Tennessee liquid fertilizer distributor. Tenn. Agr. Expt. Sta. C. 87, 8 p. 1944. 100 T25S
- 25786 MOOERS, C. A. Policy on testing corn hybrids. Tenn. Agr. Expt. Sta. C. of Inform. 73, 4 p., processed. 1945. 100 T25C
- 25787 MOOERS, C. A. Barley following lespedeza on range 3 at the West Tennessee Station: average yields of 8 crops of barley and 10 crops of Korean lespedeza hay. Tenn. Agr. Expt. Sta. C. of Inform. 74, 1 p., processed. 1945. 100 T25C
- 25788 MOOERS, C. A. Results from fertilizer and liming experiments in a 5-year general farm rotation: average results for 30 years at the West Tennessee Station. Tenn. Agr. Expt. Sta. C. of Inform. 75, 1 p., processed. 1945. 100 T25C

Texas Agricultural Experiment Station, College Station

- 25789 WRIGHT, R. E. Studies on sweet potato production in Texas. Tex. Agr. Expt. Sta. B. 668, 15 p. 1945. 100 T31S
- 25790 KEMMERER, A. R., and FRAPS, G. S. Riboflavin content of some animal feeds and some human foods. Tex. Agr. Expt. Sta. B. 671, 18 p. 1945. 100 T31S
- 25791 FUDGE, J. F., and FRAPS, G. S. The value of different phosphates for various Texas soils and grasses, as indicated by pot experiments. Tex. Agr. Expt. Sta. B. 672, 25 p. 1945. 100 T31S
- 25792 JACKSON, A. D. Distribution of fertilizer sales in Texas for 1944-45. Tex. Agr. Expt. Sta. Prog. Rpt. 960, 5 p., processed. 1945. 100 T31P
- 25793 DICKSON, R. E., and others. Wheat with native pasturage vs other pasturage & feeds for wintering calves. Substation No. 7, Spur, Texas, January 1 to April 6, 1945. Tex. Agr. Expt. Sta. Prog. Rpt. 961, 1 p., processed. 1945. 100 T31P
- J. H. Jones, C. E. Fisher, and J. M. Jones, joint authors.
- 25794 DICKSON, R. E., and others. Fattening yearly steers. Tex. Agr. Expt. Sta. Prog. Rpt. 962, 1 p., processed. 1945. 100 T31P
- C. E. Fisher, J. H. Jones, and J. M. Jones, joint authors.

Wyoming Agricultural Experiment Station, Laramie

- 25795 LANG, R. Density changes of native vegetation in relation to precipitation. Wyo. Agr. Expt. Sta. B. 272, 31 p. 1945. 100 W99



STATE AGRICULTURAL EXTENSION SERVICE PUBLICATIONS

Includes State Agricultural Extension Service publications received in the library during the preceding month. Articles in Extension periodicals containing more than one article in an issue are listed under subject in the section on Periodical and Serial Literature.

Printed publications issued by the State Agricultural Extension Services are not available from the U. S. Department of Agriculture but are often available from the publishing State Extension Service.

Mimeographed or processed material issued by the State Agricultural Extension Services is not available from the U. S. Department of Agriculture but in some cases may be secured from the publishing institution.

Material not available from the various State institutions may be secured in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Connecticut University, College of Agriculture, Agricultural Extension Service, Storrs

25796 OWENS, J. S. Triple-purpose cover crops. Conn. Agr. Col. Ext. Folder 3, 6 p. 1945. 275.29 C76Ex

Florida University, College of Agriculture, Agricultural Extension Service, Gainesville

25797 NIELAND, L. T. Wood for war. Fla. Agr. Col. Ext. Emergency Prod. and Conserv. Ser. Folder 1, 6 p. 1944. 275.29 F66E

Management of woods and utilization of timber.

25798 MEHRHOF, N. R. Adjust poultry and egg production to feed supplies. Fla. Agr. Col. Ext. Emergency Prod. and Conserv. Ser. Folder 2, 6 p. 1944. 275.29 F66E

Poultry and egg production program.

25799 O'STEEN, A. W. Florida turkey talk, [care of turkeys]. Fla. Agr. Col. Ext. Emergency Prod. and Conserv. Ser. Folder 3, 6 p. 1944. 275.29 F66E

25800 SHEELY, W. J. Raise healthy pigs for wartime needs. Fla. Agr. Col. Ext. Emergency Prod. and Conserv. Ser. Folder 4, 6 p. 1944. 275.29 F66E

25801 SHEELY, W. J. Wartime beef suggestions. Fla. Agr. Col. Ext. Emergency Prod. and Conserv. Ser. Folder 5, 6 p. 1944. 275.29 F66E

25802 THURSBY, I. S. Successful meat canning [at home]. Fla. Agr. Col. Ext. Emergency Prod. and Conserv. Ser. Folder 6, 6 p. 1944. 275.29 F66E

25803 SIKES, A. M. Food for your family in wartime, plan, produce ... Fla. Agr. Col. Ext. Emergency Prod. and Conserv. Ser. Folder 7, 8 p. 1944. 275.29 F66E

25804 WARTIME clothing and textile guide. Fla. Agr. Col. Ext. Emergency Prod. and Conserv. Ser. Folder 8, 8 p. 1944. 275.29 F66E

25805 SIKES, A. M. Eat from all the basic 7 food groups daily. Fla. Agr. Col. Ext. Emergency Prod. and Conserv. Ser. Folder 9, 8 p. 1944. 275.29 F66E

25806 MOORE, V. P. Conserve health through home sanitation. Fla. Agr. Col. Ext. Emergency Prod. and Conserv. Ser. Folder 10, 8 p. 1944. 275.29 F66E

Hawaii University, Agricultural Extension Service, Honolulu

25807 VOLLRATH, H. A wire-floored back-yard poultry house for 25 hens. Hawaii. U. Agr. Ext. C. 8, rev., processed. 1945. 275.29 H312Ac  
Includes plans and bill of material.

25808 BOYD, J. H. Control of damping-off in seedbeds. Hawaii. U. Agr. Ext. C. 45, rev., 2 p., processed. 1945. 275.29 H312Ac

25809 BOYD, J. H. Spraying Irish potatoes [for insects and diseases]. Hawaii. U. Agr. Ext. C. 47, rev., 2 p., processed. 1945. 275.29 H312Ac

25810 BOYD, J. H. How to control tomato blight. Hawaii. U. Agr. Ext. C. 48, rev., 2 p., processed. 1945. 275.29 H312Ac

25811 VOLLRATH, H. Cannibalism in poultry. Hawaii. U. Agr. Ext. C. 87, rev., 3 p., processed. 1945. 275.29 H312Ac

25812 VOLLRATH, H. Muscovy duck raising in Hawaii. Hawaii. U. Agr. Ext. C. 151, rev., 3 p., processed. 1945. 275.29 H312Ac

25813 VOLLRATH, H. Rabbit raising in Hawaii. Hawaii. U. Agr. Ext. C. 177, 10 p., processed. 1945. 275.29 H312Ac

25814 BOYD, J. H. Planning the home garden. Hawaii. U. Agr. Ext. C. 178, 8 p., processed. 1945. 275.29 H312Ac

25815 ELLIOTT, R., and HIROSHIGE, H. Man-hours required to produce certain vegetables. Hawaii. U. Agr. Ext. C. 179, 7 p., processed. 1945. 275.29 H312Ac

25816 SHERMAN, G. D., and BOYD, J. H. Suggestions for taking soil samples for soil tests. Hawaii. U. Agr. Ext. C. 180, 3 p., processed. 1945. 275.29 H312Ac

Illinois University, College of Agriculture, Extension Service, Urbana

25817 SUGGESTIONS for keeping the farm account book. Ill. Agr. Col. Ext. AE1991, 10 p., processed. 1944. 275.29 I162P

25818 IMPROVING farm land tenure in the Midwest, problems and recommended policies. Ill. Agr. Col. Ext. AE2162, 18 p., processed. 1944. 275.29 I162P

25819 WILCOX, R. H., and WILLS, J. E. Make your labor go further, save mimes and produce more food. Ill. Agr. Col. Ext. AE2182, 9 p., processed. 1944. 275.29 I162P

25820 MOSHER, M. L., and others. Nineteenth annual report of the Farm Bureau Farm Management Service, 1943, 1035 farms in 37 counties. Ill. Agr. Col. Ext. AE2202, 36 p., processed. 1944. 275.29 I162P

W. A. Herrington, B. E. King, M. P. Gehlbach, E. M. Hughes, W. E. Buddemeier, F. J. Reiss, and H. C. M. Case, joint authors.

25821 NORTON, L. J., and SNYDER, J. A. How large should a farm be? [Ill. Agr. Col. Ext., AE2252, 18 p., processed. 1944. 275.29 I162P]

25822 NORTON, L. J. Remarks at meeting of Board of Directors of Illinois Agricultural Association, October 19, 1944. [Ill. Agr. Col. Ext., AE2253, 17 p., processed. 1944. 275.29 I162P]

Talk on plan to maintain prices of farm commodities at 90 percent of parity.

25823 WILCOX, R. H. Custom rates for the use of power-operated farm machines with operators, rates for 1944 and expected rates for 1945. Ill. Agr. Col. Ext. AE2259, 6 p., processed. 1944. 275.29 I162P

25824 ILLINOIS manager-operator farm agreement [for leasing]. Ill. Agr. Col. Ext. AE2282, 6 p., processed. 1944. 275.29 I162P

25825 SEARLS, E. N., and WALKER, C. A two-family farm business; a playlet in one scene on the development of a father-son farm business agreement. Ill. Agr. Col. Ext. AE2308, 8 p., processed. 1945. 275.29 I162P

25826 MOSHER, M. L., REISS, F. J., and KING, B. E. Three-year report of the Farm Bureau Farm Management Service on 205 farms in western Illinois, 1942-1943-1944. Ill. Agr. Col. Ext. AE2344, 25 p., processed. 1945. 275.29 I162P



- 25827 A HOMEMADE post hole digger. Ill. Agr. Col. Ext. AEng448, 2 p., processed. 1945. 275.29 I162Pa
- 25828 REVIEW of "Plowman's Folly." [Ill. Agr. Col. Ext.] AG1185, 2 p., processed. 1944. 275.29 I162Pag
- 25829 MILLER, L. B. Do not burn crop residues. Ill. Agr. Col. Ext. AG1202, 4 p., processed. 1944. 275.29 I162Pag
- 25830 LINSLEY, C. M. Agronomy chart number 1-A, soil mining or soil building? [Soil management.] Ill. Agr. Col. Ext. AG1227a, 2 p., processed. 1944. 275.29 I162Pag  
Data from the Ewing Soil Experiment Field, Franklin County.
- 25831 LINSLEY, C. M. Agronomy chart number 4-A, organic matter increases water storage in soil. Ill. Agr. Col. Ext. AG1227c, 2 p., processed. 1944. 275.29 I162Pag
- 25832 LINSLEY, C. M. Agronomy chart number 1-A, soil mining or soil building? [Soil management.] Ill. Agr. Col. Ext. AG1227e, 2 p., processed. 1944. 275.29 I162Pag  
Data from the Carlinville Soil Experiment Field, in Macoupin County.
- 25833 CRANE, F. H., and LINSLEY, C. M. Agronomy chart number 21, plant food elements removed from soil per crop unit. Ill. Agr. Col. Ext. AG1227f, 2 p., processed. 1944. 275.29 I162Pag
- 25834 LINSLEY, C. M. Agronomy chart number 16-E, save and use fertility in manure. Ill. Agr. Col. Ext. AG1227h, 2 p., processed. 1944. 275.29 I162Pag
- 25835 LINSLEY, C. M. Agronomy chart number 14-A, the efficiency of legumes as a fertilizer factory depends on the minerals in the soil. Ill. Agr. Col. Ext. AG1227i, 2 p., processed. 1944. 275.29 I162Pag
- 25836 LINSLEY, C. M. Agronomy chart number 14-B, the efficiency of legumes as a fertilizer factory depends on the minerals in the soil. Ill. Agr. Col. Ext. AG1227j, 2 p., processed. 1944. 275.29 I162Pag
- 25837 LINSLEY, C. M. Agronomy chart number 17-B, soils need more nitrogen and organic matter. Ill. Agr. Col. Ext. AG1227k, 2 p., processed. 1944. 275.29 I162Pag
- 25838 LINSLEY, C. M. Agronomy chart number 16-F, manure exposed to weather loses half of its fertility. Ill. Agr. Col. Ext. AG1227m, 2 p., processed. 1944. 275.29 I162Pag
- 25839 LINSLEY, C. M. Agronomy chart number 17-C, burning straw and stalks destroys organic matter and sends nitrogen up in smoke. Ill. Agr. Col. Ext. AG1227n, 2 p., processed. 1944. 275.29 I162Pag
- 25840 LINSLEY, C. M. Agronomy chart number 15-B, you cannot shortchange the soil. [Flow under sweet clover.] Ill. Agr. Col. Ext. AG1227o, 2 p., processed. 1944. 275.29 I162Pag
- 25841 LINSLEY, C. M. Agronomy chart number 24-B, soil treatment and a good rotation the foundation of erosion control. Ill. Agr. Col. Ext. AG1227p, 2 p., processed. 1944. 275.29 I162Pag
- 25842 HACKLEMAN, J. C. Oat variety demonstrations, 1944. Ill. Agr. Col. Ext. AG1248, 13 p., processed. 1944. 275.29 I162Pag
- 25843 LINSLEY, C. M. Agronomy chart, what you buy in mixed fertilizer. Ill. Agr. Col. Ext. AG1255, 2 p., processed. 1945. 275.29 I162Pag
- 25844 LINSLEY, C. M. Agronomy chart, [culture, water, and plant food needed, to produce 100 bushels of corn. Ill. Agr. Col. Ext. AG1256, 2 p., processed. 1945. 275.29 I162Pag
- 25845 LINSLEY, C. M. Agronomy chart, how limestone works. Ill. Agr. Col. Ext. AG1260a, 2 p., processed. 1945. 275.29 I162Pag
- 25846 LINSLEY, C. M. Agronomy chart, nitrogen in an acre of soybeans. Ill. Agr. Col. Ext. AG1260b, 2 p., processed. 1945. 275.29 I162Pag
- 25847 LINSLEY, C. M. Agronomy chart, nitrogen balance sheet, grain farming in central and northern Illinois. Ill. Agr. Col. Ext. AG1260c, 2 p., processed. 1945. 275.29 I162Pag  
Employing sweetclover to supply needed nitrogen.
- 25848 LINSLEY, C. M. Agronomy chart, nitrogen balance sheet, grain farming in southern Illinois. Ill. Agr. Col. Ext. AG1260d, 2 p., processed. 1945. 275.29 I162Pag  
Use of sweetclover to supply needed nitrogen.
- 25849 LINSLEY, C. M. Agronomy chart, what happens to the fertility when fed? Ill. Agr. Col. Ext. AG1260e, 2 p., processed. 1945. 275.29 I162Pag  
Analysis of manure.
- 25850 LINSLEY, C. M. Agronomy chart, soil fertility bank statement. Ill. Agr. Col. Ext. AG1260f, 2 p., processed. 1945. 275.29 I162Pag  
Studies to determine the amount of fertilizer needed to build up a depleted soil; use of phosphorus.
- 25851 LINSLEY, C. M. Agronomy chart, don't cut sweet clover early. Ill. Agr. Col. Ext. AG1260g, 2 p., processed. 1945. 275.29 I162Pag
- 25852 LINSLEY, C. M. Agronomy chart, pounds of organic matter, nitrogen in an acre of legumes. Ill. Agr. Col. Ext. AG1260h, 2 p., processed. 1945. 275.29 I162Pag
- 25853 LINSLEY, C. M. Agronomy chart, cut small grain high to increase fertility value of sweet clover. Ill. Agr. Col. Ext. AG1260i, 2 p., processed. 1945. 275.29 I162Pag
- 25854 THE RESULTS of bovine mastitis survey in 121 herds in 11 Illinois counties, demonstrational project No. 6. Ill. Agr. Col. Ext. APH142, 1 p., processed. 1944. 275.29 I162Paph
- 25855 FOWL pox control, demonstration with fowl pox virus (Illinois strain). Ill. Agr. Col. Ext. APH151, 2 p., processed. 1944. 275.29 I162Paph
- 25856 THE ILLINOIS mastitis control program. Ill. Agr. Col. Ext. APH167, 4 p., processed. 1944. 275.29 I162Paph
- 25857 TO ILLINOIS turkey growers: develop pul-lorum-free flocks. Ill. Agr. Col. Ext. APH172, 1 p., processed. 1945. 275.29 I162Paph
- 25858 SAMPSON, J. Ketosis [acetone] of the dairy cow. Ill. Agr. Col. Ext. APH175 (Anim. Path. Exch. Jan./Mar. 1945), 3 p., processed. 1945. 275.29 I162Paph
- 25859 TO ILLINOIS veterinary practitioners: ... bovine mastitis control. Ill. Agr. Col. Ext. APH177 (Anim. Path. Exch. Apr./June 1945), 2 p., processed. 1945. 275.29 I162Paph
- 25860 CULL the [poultry] flock weekly. Ill. Agr. Col. Ext. FF13, 1 p. 1945. 275.29 I162Pfa
- 25861 YOUR journey through life, [foot hygiene]. Ill. Agr. Col. Ext. HE-P18, 8 p. 1945. 275.29 I162Phep
- 25862 DECKER, G. C. Flea control on farms. Ill. Agr. Col. Ext. NH92, 1 p., processed. 1944. 275.29 I162Pn
- 25863 DECKER, G. C. Silverfish control. Ill. Agr. Col. Ext. NH193, 2 p., processed. 1944. 275.29 I162Pn  
Lepisma saccharina.
- 25864 CANKERWORM control on shade trees. Ill. Agr. Col. Ext. NH194, 2 p., processed. 1944. 275.29 I162Pn
- 25865 APPLE, J. W. Controlling the European corn borer [Pyrausta nubilalis] with insecticides. Ill. Agr. Col. Ext. NH195, 1 p., processed. 1944. 275.29 I162Pn



25866 FARRAR, M. D., and HACKLEMAN, J. C. Sweet clover and sweet clover weevil [*Sitona cylindricollis*], for 1944. Ill. Agr. Col. Ext. NH196, 2 p., processed. 1944. 275.29 I162Pn

25867 BAGWORM [*Thyridopteryx ephemeraeformis*], control. Ill. Agr. Col. Ext. NH198, 1 p., processed. 1944. 275.29 I162Pn

25868 DECKER, G. C. Directions for the use of dinitro (DN) dusts for chinch-bug barriers. Ill. Agr. Col. Ext. NH199, 1 p., processed. 1944. 275.29 I162Pn

25869 DECKER, G. C. Cluster flies [*Pollenia rudis*], Ill. Agr. Col. Ext. NH200, 1 p., processed. 1944. 275.29 I162Pn

25870 DECKER, G. C. Bedbug [*Cimex*], control. Ill. Agr. Col. Ext. NH201, 1 p., processed. 1944. 275.29 I162Pn

25871 DECKER, G. C. European elm scale, *Gossyparia spuria* (Mod.). Ill. Agr. Col. Ext. NH202, 1 p., processed. 1944. 275.29 I162Pn

25872 DECKER, G. C. Hessian fly [*Phytophaga destructor*], conditions in Illinois for 1944. Ill. Agr. Col. Ext. NH203, 2 p., processed. 1944. 275.29 I162Pn

25873 PETTY, H. B., and HAY, R. C. Results of corn borer [*Pyrausta nubilalis*], control demonstrations in 1944. Ill. Agr. Col. Ext. NH206, 2 p., processed. 1944. 275.29 I162Pn

25874 MATERIALS available on rural organization and rural life activities. Ill. Agr. Col. Ext. RSE-59, rev., 2 p., processed. 1944. 275.29 I162Pr

Indiana - Purdue University, Agricultural Extension Service, Lafayette

25875 THE HOG situation [for marketing year, October 1, 1945 to October 1, 1946]. Purdue. U. Agr. Ext. Econ. Inform. for Ind. Farmers, No. 30, 4 p. 1945. 275.29 In2Ec

25876 THE FEED situation [for feed year beginning October 1, 1945]. Purdue. U. Agr. Ext. Econ. Inform. for Ind. Farmers, No. 31, 4 p. 1945. 275.29 In2Ec

Iowa State College of Agriculture, Agricultural Extension Service, Ames

25877 TROUBLE-FREE machinery for 1945; rates for custom and rental use. Iowa. State Col. Agr. Ext. Pam. 96, 15 p. 1945. 275.29 Io9Pa

25878 CROP plans for 1945; [situation and outlook for 1945]. Iowa. State Col. Agr. Ext. Pam. 97, 15 p. 1945. 275.29 Io9Pa

25879 ALL-PULLET flock for greater profits. Iowa. State Col. Agr. Ext. Pam. 98, 7 p. 1945. 275.29 Io9Pa

Care of chicks.

25880 COMMERCIAL fertilizers for war-weary soils. Iowa. State Col. Agr. Ext. Pam. 99, 8 p. 1945. 275.29 Io9Pa

25881 CARRY on to another food front victory in 1945. Iowa. State Col. Agr. Ext. Pam. 100, 4 p. 1945. 275.29 Io9Pa

25882 HOW TO grow flax in Iowa. Iowa. State Col. Agr. Ext. Pam. 101, 4 p. 1945. 275.29 Io9Pa

25883 NICHOLS, H. E. Training young fruit trees. Iowa. State Col. Agr. Ext. Pam. 102, 16 p. 1945. 275.29 Io9Pa

25884 HOW YOU can harvest asparagus for canning ... Iowa. State Col. Agr. Ext. Pam. 103, 4 p. 1945. 275.29 Io9Pa

25885 GET THAT extra squirt at every milking; Iowa's 8-point dairy program. Iowa. State Col. Agr. Ext. Pam. 104, 13 p. 1945. 275.29 Io9Pa

25886 WHAT'S ahead for the Iowa livestock farmer in 1946; the facts about feed and livestock [situation and outlook]. Iowa. State Col. Agr. Ext. Pam. 105, 8 p. 1945. 275.29 Io9Pa

25887 PLAN effective township meetings. Iowa. State Col. Agr. Ext. Pam. 106, 8 p. 1945. 275.29 Io9Pa

25888 IOWA dairy herd-improvement associations, annual summary, July 1944 - July 1945. 21 p., processed. Iowa. State Col. Agr. Ext., 1945. 275.29 Io9I

Kansas State College of Agriculture and Applied Science, Extension Service, Manhattan

25889 MONTGOMERY, G. The feed outlook [1945-46]. 6 p., processed. Kans. State Col. Agr. Ext. Market. Inform., Sept. 15, 1945. 275.29 K13Fe

25890 OTTO, M. L. The hog outlook [1945-46]. 6 p., processed. Kans. State Col. Agr. Ext. Market. Inform., Sept. 15, 1945. 275.29 K13Hp

Maine University, College of Agriculture, Agricultural Extension Service, Orono

25891 PAGE, E. C. Sewing time savers. Maine. Agr. Col. Ext. B. 332, 19 p. 1945. 275.29 M281B

25892 SIMPSON, G. W., SHANDS, W. A., and WYMAN, O. L. Weeds and the aphid-leaf-roll problem in potatoes. Maine. Agr. Col. Ext. B. 333, 20 p. 1945. 275.29 M281B

Maryland University, Colleges of Agriculture and Home Economics, Extension Service, College Park

25893 BEE, U. G., and WARD, J. R. Swine, growing, judging, showing; a guide for 4-H Club members. Md. Agr. Col. Ext. B. 107, 25 p. 1945. 275.29 M36B

Michigan State College of Agriculture and Applied Science, Extension Division, East Lansing

25894 JEFFERSON, C. H. Weatherproofing Michigan homes. Mich. State Col. Agr. Ext. B. 272, 21 p. 1945. 275.29 M58B

25895 MAY, C. O., and HAIST, A. H. Farm success factors, area 1, corn and livestock farming, 1943. Mich. State Col. Agr. Ext. F. M. 342, 16 p., processed. 1944. 275.29 M581

25896 MAY, C. O., and HAIST, A. H. Farm success factors, area 2, small grains and livestock, 1943. Mich. State Col. Agr. Ext. F. M. 343, 16 p., processed. 1944. 275.29 M581

25897 WRIGHT, K. T., and MAY, C. O. Farm success factors, area 3, southwestern fruit and truck crops, 1943. Mich. State Col. Agr. Ext. F. M. 344, 15 p., processed. 1944. 275.29 M581

25898 MAY, C. O., and HAIST, A. H. Farm success factors, area 4, poultry, dairy and truck crops, 1943. Mich. State Col. Agr. Ext. F. M. 345, 16 p., processed. 1944. 275.29 M581

25899 MAY, C. O., and HAIST, A. H. Farm success factors, area 5, dairy and general farming, 1943. Mich. State Col. Agr. Ext. F. M. 346, 16 p., processed. 1944. 275.29 M581

25900 MAY, C. O., and HAIST, A. H. Farm success factors, area 6, dairy and cash crops, 1943. Mich. State Col. Agr. Ext. F. M. 347, 16 p., processed. 1944. 275.29 M581

25901 MAY, C. O., and HAIST, A. H. Farm success factors, area 7, dairy, hay, and special crops. Mich. State Col. Agr. Ext. F. M. 348, 16 p., processed. 1944. 275.29 M581

25902 MAY, C. O., and HAIST, A. H. Farm success factors, area 8, beans, sugar beets, and dairy, 1943. Mich. State Col. Agr. Ext. F. M. 349, 16 p., processed. 1944. 275.29 M581

25903 MAY, C. O., and HAIST, A. H. Farm success factors, area 9, cattle, sheep ... 1943. Mich. State Col. Agr. Ext. F. M. 350, 16 p., processed. 1944. 275.29 M581



25904 MAY, C. O., and HAIST, A. H. Farm success factors, area 10, central potato and dairy region, 1943. Mich. State Col. Agr. Ext. F. M. 351, 16 p., processed. 1944. 275.29 M581

25905 WRIGHT, K. T., and MAY, C. O. Farm success factors, area 11, northern fruit and dairy, 1943. Mich. State Col. Agr. Ext. F. M. 352, 16 p., processed. 1944. 275.29 M581

25906 MAY, C. O., and HAIST, A. H. Farm success factors, area 12, northern potato and dairy, 1943. Mich. State Col. Agr. Ext. F. M. 353, 16 p., processed. 1944. 275.29 M581

25907 MAY, C. O., and HAIST, A. H. Farm success factors, area 14, cattle, potatoes ... 1943. Mich. State Col. Agr. Ext. F. M. 354, 16 p., processed. 1944. 275.29 M581

25908 MAY, C. O., and HAIST, A. H. Farm success factors, area 16, dairy and potatoes. Mich. State Col. Agr. Ext. F. M. 356, 16 p., processed. 1944. 275.29 M581

25909 MAY, C. O., and HAIST, A. H. Farm success factors, area 17, potatoes, dairy ... 1943. Mich. State Col. Agr. Ext. F. M. 357, 16 p., processed. 1944. 275.29 M581

25910 KEEP soil sweet, use lime, limestone, marl, refuse lime. Mich. State Col. Agr. Ext. Folder 8, rev., 6 p. 1944. 275.29 M58Ex

25911 COLE, C. L., and HAWKINS, P. A. Controlling sheep parasites. Mich. State Col. Agr. Ext. Folder F-52, 2d rev., 8 p. 1944. 275.29 M58Ex

25912 PORTER, J. A., and BRAAMSE, L. Soil practices for production, profit, conservation. Mich. State Col. Agr. Ext. Folder F-57, rev., 6 p. 1944. 275.29 M58Ex

25913 IMPROVING Michigan's wheat crop. Mich. State Col. Agr. Ext. Folder F-85, 4 p. 1945. 275.29 M58Ex

25914 PIRNIE, M. D. Rat control ... Mich. State Col. Agr. Ext. Folder F-86, 6 p. 1945. 275.29 M58Ex

25915 KING, H. How to control peachtree borer *Sannioidea exitiosa*. Mich. State Col. Agr. Ext. Folder F-87, 4 p. 1945. 275.29 M58Ex

Minnesota University, Department of Agriculture, Division of Agricultural Extension, University Farm, St. Paul

25916 STRAIT, J., and SCHWANTES, A. J. Pea sheller. 2 p. Minn. U. Agr. Ext., 1944. 275.2 M66Pe

Mississippi State College, Extension Service, State College

25917 CYPRESS, G. C. 4-H Club leaders' and officers' guide. Miss. State Col. Ext. C. 131, 13 p. 1945. 275.29 M68C

25918 BUCKLEY, K. H. Fall gardening. Miss. State Col. Ext. C. 132, 6 p. 1945. 275.29 M68C

25919 PACE, J. V. Don't rush into farming; farming as an occupation; hints on selection. Miss. State Col. Ext. Leaflet 71, 6 p. 1945. 275.29 M68Ex

Missouri University, College of Agriculture, Agricultural Extension Service, Columbia

25920 4-H PORK production projects. 6 p. Mo. Agr. Col. Ext. Leader's Guide, May 1944. 275.29 M69Le

25921 ROCHEFORD, J. M. Parliamentary procedure for farm groups. Mo. Agr. Col. Ext. Manual 26, 12 p. 1945. 275.29 M69Ma

25922 4-H PROJECTS for Missouri. Mo. Agr. Col. Ext. Manual 38, 11 p. 1946 [i. e. 1945]. 275.29 M69Ma

25923 NANCE, G. B. Mid-year outlook letter. 6 p. Mo. Agr. Col. Ext., Aug. 14, 1945. 275.29 M69Ou

New Mexico College of Agriculture, Extension Service, State College

25924 4-H FOOD preservation clubs. N. Mex. Agr. Col. Ext. C. 195, 6 p. 1945. 275.29 N463E

25925 CRANDALL, H. D. 4-H clothing club, first year. N. Mex. Agr. Col. Ext. C. 196, 19 p. 1945. 275.29 N463E

25926 CRANDALL, H. D. 4-H clothing club, 2nd year. N. Mex. Agr. Col. Ext. C. 198, 23 p. 1945. 275.29 N463E

25927 CRANDALL, H. D. 4-H clothing club, third year. N. Mex. Agr. Col. Ext. C. 199, 23 p. 1945. 275.29 N463E

25928 CRANDALL, H. D. 4-H clothing club, fourth year. N. Mex. Agr. Col. Ext. C. 200, 23 p. 1945. 275.29 N463E

25929 CRANDALL, H. D. 4-H clothing club, 5th year. N. Mex. Agr. Col. Ext. C. 201, 15 p. 1945. 275.29 N463E

New York State College of Agriculture and Home Economics, Extension Service, Cornell University, Ithaca

25930 FOWLER, M. B. Homemade playthings and materials to promote success in routine activities. N. Y. Agr. Col. Cornell Ext. B. 360, reprinted [i. e. rev.], 31 p. 1945. Ref., p. 30-31. 275.29 N48E  
Includes children's furniture.

25931 DARRAH, L. B., and BRUCKNER, J. H. Getting started in poultry farming. N. Y. Agr. Col. Cornell Ext. B. 679, 29 p. 1945. 275.29 N48E

25932 BROWN, M. W., KUHN, A., and PETRY, L. C. The returning serviceman and his family. N. Y. Agr. Col. Cornell Ext. B. 680, 16 p. 1945. 275.29 N48E

25933 ROBINSON, C. B. How to glue furniture. N. Y. Agr. Col. Cornell Ext. B. 684, 8 p. 1945. 275.29 N48E

25934 ROBINSON, C. B. How to repair wood finishes. N. Y. Agr. Col. Cornell Ext. B. 685, 7 p. 1945. 275.29 N48E

25935 BUSHEY, D. J. Lawn games for 4-H Club boys and girls. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 68, 8 p. 1945. 275.29 N48Cn

25936 POST, K. Indoor gardening. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 70, 12 p. 1945? 275.29 N48Cn

25937 OGLE, R. C. 4-H poultry records. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 71, 3 p. 1945. 275.29 N48Cn

25938 POSSINGER, G., and WETZSTEON, M. Clothing handbook for 4-H Club leaders. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 72, 8 p. 1945. 275.29 N48Cn

North Carolina University, State College of Agriculture and Engineering, Extension Service, State College Station, Raleigh

25939 GORDON, P. E. Planning your farm house. N. C. Agr. Col. Ext. Misc. Pam. 94, 12 p. 1945. 275.29 N811M

Ohio State University, College of Agriculture, Agricultural Extension Service, Columbus

25940 PROGRAM, thirty-third annual farmer's week to be held January 30, 31, February 1, 1945. 23 p. Ohio. Agr. Col. Ext., 1945. 275.29 Oh3

Oklahoma Agricultural and Mechanical College, Extension Division, Stillwater

25941 CHAFFIN, W. Corn in Oklahoma; 4-H corn club manual. Okla. Agr. Col. Ext. C. 324, rev., 16 p. 1945. 275.29 Ok41C



25942 STILES, C. F., and HIXSON, E. Vegetable insect control. Okla. Agr. Col. Ext. C. 414, 8 p. 1945? 275.29 Ok41C

25943 BAUMAN, C. G. Locating and selecting an agricultural enterprise. Okla. Agr. Col. Ext. C. 415, 14 p. 1945? 275.29 Ok41C

25944 HIXSON, E., and WARE, H. G. Poultry parasites. Okla. Agr. Col. Ext. C. 417, 15 p. 1945? 275.29 Ok41C

25945 HIXSON, E., and STILES, C. F. DDT. Okla. Agr. Col. Ext. C. 418, 7 p. 1945? 275.29 Ok41C

25946 MCPHETERS, M. Fruits canned with or without sugar. Okla. Agr. Col. Ext. OP-110, 4 p. 1945? 275.29 Ok41Op

Pennsylvania State College, Agricultural Extension Service, State College

25947 TARRANT, L. Feeding your family. Pa. State Col. Agr. Ext. Leaflet 111, 6 p. 1944. 275.29 P38L

25948 COPPER, R. R., and WEAVER, L. O. What's new in oats [varieties]. Pa. State Col. Agr. Ext. Leaflet 112, 4 p. 1945. 275.29 P38L

25949 KIRBY, R. S. Treating seed grain for bigger yields and better quality. Pa. State Col. Agr. Ext. Leaflet 113, 4 p. 1945. 275.29 P38L

25950 HUFFINGTON, J. M. Growing peas for canning and freezing. Pa. State Col. Agr. Ext. Leaflet 114, 4 p. 1945. 275.29 P38L

25951 MCCALL, R. J. Care of the sprayer; care and maintenance of spray equipment. Pa. State Col. Agr. Ext. Leaflet 115, 7 p. 1945. 275.29 P38L

Rhode Island State College, Extension Service, Kingston

25952 ANDERSON, E. M., JENNINGS, C. C., and HOWARD, F. L. Pest control in victory gardens. R. I. State Col. Ext. Mimeog. C. 45, 4 p. 1945. 275.29 R34M

South Carolina, Clemson Agricultural College, Extension Service, Clemson

25953 NAPIER, J. M. Some of the interrelationships of soils and plants, animal and human nutrition. Clemson Agr. Col. S. C. Ext. C. 273, 11 p. 1945. 275.29 So8E

Texas Agricultural and Mechanical College, Agricultural College, Agricultural Extension Service, College Station

25954 GETTING ready for the fall garden. 2 p., processed. Tex. Agr. Col. Ext., Gard. & Orchard Reminders, Sept. 1, 1945. 275.29 T312Ga

Utah State Agricultural College, Extension Service, Logan

25955 BARROWS, E. S. Cold storage within the home. Utah. State Agr. Col. Ext. M. S. 572, 6 p., processed. 1944. 275.29 Ut1Ms

Washington State College, Extension Service, Pullman

25956 DODGE, J. C. Storage, home fruit and vegetable storage. Wash. State Col. Ext. B. 209, reprint [i. e. rev.], 25 p. 1945. 275.29 W27P

25957 SPERRY, T. A., DAVIS, E., and MUIR, J. Freezing farm products, fruits, vegetables, meats, poultry, fish. Wash. State Col. Ext. B. 230, rev., 20 p. 1945. 275.29 W27P

West Virginia University, College of Agriculture, Agricultural Extension Service, Morgantown

25958 ARBOUR, M. B. Easy way to write the meeting story. W. Va. Agr. Col. Ext. C. 342, 9 p. 1945. 275.29 W522C

25959 PRODUCE your own food. W. Va. Agr. Col. Ext. Job Outline 1, 2 p. 1944. 275.29 W522J

25960 PROTECT victory gardens [from insects and diseases]. W. Va. Agr. Col. Ext. Job Outline 2, 2 p. 1944. 275.29 W522J

25961 PRESERVING food at home. W. Va. Agr. Col. Ext. Job Outline 3, 2 p. 1944. 275.29 W522J

25962 STORE food for winter. W. Va. Agr. Col. Ext. Job Outline 4, 2 p. 1944. 275.29 W522J

Wisconsin University, College of Agriculture, Agricultural Extension Service, Madison

25963 RUPEL, I. W., and WERNER, G. Better dairy calves. Wis. Agr. Col. Ext. C. 359, 24 p. 1945. 275.29 W75C

25964 ZEASMAN, O. R., and CLARK, J. W. We can all help save our soil. Wis. Agr. Col. Ext. C. 360, 40 p. 1945. 275.29 W75C

25965 WITZEL, S. A., LACEY, J. J., and GRUMMER, R. H. The Wisconsin colony hog house. Wis. Agr. Col. Ext. C. 361, 16 p. 1945. 275.29 W75C

25966 ANNIN, G. E. Raising poultry as a 4-H project. Wis. Agr. Col. Ext. C. 4-H 47, 40 p. 1945. 275.29 W75Cf

25967 LABOR on Wisconsin farms, 1945 [situation and outlook]. Wis. Agr. Col. Ext. Econ. Inform. for Wis. Farmers, v. 16, No. 5-6, 8 p. 1945. 275.29 W75Ec

25968 MELOCHE, G., PEARSON, H., and BIRONG, E. New life for the old hat. 6 p. Wis. Agr. Col. Ext., Spec. C., 1945. 275.29 W75S

25969 SOFT corn, how it can best be handled and used. 8 p. Wis. Agr. Col. Ext. Spec. C., 1945. 275.29 W75S

25970 MOORE, J. G. Currants and gooseberries in Wisconsin. Wis. Agr. Col. Ext. Stencil C. 177, rev., 5 p. 1945. 275.29 W75B

BOOKS AND PAMPHLETS

Includes books and pamphlets on agriculture and closely related subjects, except restricted publications, not included in the foregoing sections, which have been added to the library during the preceding month. Numbered serial publications are listed in the section on Periodical and Serial Literature.

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

25971 AGRICULTURE; a digest of fifteen reports on post-war agricultural policy and reconstruction, with an appendix outlining the provisions of the Agriculture (Miscellaneous Provisions) Act, 1944, being number six of the Staples 'Reconstruction' digests. 90 p. London, King and Staples, 1944. 281.171 Ag82

25972 ALAMO IBARRA, R. Tópicos sobre inmigración y colonización. 38 p. Caracas, Impresores Unidos, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 32) 282.2 AL1

25973 ARKANSAS ECONOMIC COUNCIL. Arkansas' place in the future; a plan of action for the economic development of Arkansas. 27 p. Little Rock? 1944? 280.009 Ar44

Includes agriculture and rural development.

25974 AUSTRALIA. DEPT. OF POST-WAR RECONSTRUCTION. Post-war discussion notes; choices, 1-4, 4 Nos. Melbourne, Ramsay, Ware, 1944? 280.1992 Au75C

1. Hopes; 2. Hurdles; 3. Plans; 4. Action.



25975 AUSTRALIA. DEPT. OF POST-WAR RECONSTRUCTION. Post-war discussion notes; the re-establishment of service men and women. 11 p. Canberra, 1945? 280.1992 Au75

25976 BALTASAR DE MATA LLANA, PADRE. Labor de los Padres Capuchinos en la Misión del Caroni, (Venezuela). 98 p. Caracas, Vargas, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 42) 446 B21

Data on the economic, social, and religious life of the Indians in Venezuela.

25977 CANADA. NATIONAL WAR FINANCE COMMITTEE. NATIONAL AGRICULTURAL ADVISORY COMMITTEE. Farmers look to the future. 31 p. Ottawa, Cloutier, 1945? 281.13 C167

Use of financial reserves accumulated by farmers.

25978 CASSANDRO, P. E. Lineamenti amministrativi dell'azienda agraria. I. Organizzazione e gestione. 172 p. Castello, Macri, 1943. (R. Università di Bari. Istituto di Ragioneria. Pub. 3) 281.176 C272

25979 CONFERENCE ON CO-OPERATIVE FARMING, REGINA, SASK., 1944. Summary of the minutes...Aug. 25, 1944. 10 p., processed. Regina? 1944? 280.29 C7632

25980 CONFERENCIA INTERAMERICANA DE AGRICULTURA, 3, CARACAS, 1945. COMITÉ ORGANIZADOR. Tribus indígenas de la Prefectura Apostólica del Alto Orinoco. 30 p. Caracas, 1945. (Cuadernos Verdes, No. 40) 446 In8

Includes agriculture and economic conditions.

25981 GABALDÓN MÁRQUEZ, J. La condición jurídica del extranjero y el problema de la inmigración en Venezuela. 46 p. Caracas, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 23) 282.2 G11

25982 GREAT BRITAIN. MINISTRY OF EDUCATION. Community centres. 40 p. London, H. M. Stationery Off., 1945. 280.6 G79

Includes rural areas.

25983 HAWTREY, R. G. Economic destiny. 388 p. London, Longmans, 1944. 280 H31E

Contains a section on land values and scattered references to agriculture and land tenure.

25985 NASS, H. El crédito agrícola en Venezuela. 43 p. Caracas, "Crisol," 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 14) 284.2 N18

25986 PRICE, R. A. Public freeholds; shall ownership of land in perpetuity be private or public? The argument for chapter ten of the Uthwatt Report. 16 p. London, Ethical Union, 1944? 282.171 P93

25987 RISQUEZ-IRIBARREN, R. La asistencia médica en el medio rural venezolano. 122 p. Caracas, Vargas, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 16) 449.15 R49

25988 SIDEL'NIKOV, V. A. Osnovnye metody analiza khoziaistvennoi deiatel'nosti kolkhovov v svyazi s analizom raspredeleniia dokhodov. 159 p. Saratov, Saratovskii Planovyi Institut, 1940. 281.179 S112

Analysis of collective farm economics in connection with the distribution of income.

25989 SMITH, J. H. Farm costs of hired labour in Wales during 1943-4. 10 p., processed. Aberystwyth, U. Col. of Wales, Dept. of Agr. Econ., 1945. 283.9 Un392

25990 THAKURDAS, SIR P., and others. Memorandum outlining a plan of economic development for India, parts one and two. 105 p. Harmondsworth, Middlesex, Eng., Penguin Books, 1945. 280.182 T32

J. R. D. Tata, G. D. Birla, Sir A. Dalat, Sir S. Ram, K. Lalbhai, A. D. Shroff, and J. Matthai, joint authors.

25991 TSANG, C. China's postwar markets. 239 p. N. Y., Internatl. Secretariat, Inst. of Pacific Relations. Distributed by Macmillan, 1945. 286 T78

25992 UNITED NATIONS INFORMATION OFFICE. SECTION FOR INFORMATION ON POSTWAR RECONSTRUCTION. Research and postwar planning. Bibliography, Pt. XXII, 35 p., processed. N. Y., 1945. 241.3 Un394

Have also Index to Survey of Agencies, v. I-XVIII and Activities of Agencies, Nos. 1-13.

25993 UNITED NATIONS RELIEF AND REHABILITATION ADMINISTRATION. Emergency welfare services; report of the Studies Subcommittee of the Standing Technical Committee on Welfare. 105 p. Washington, D. C., 1944. 280 Un3983

25994 U. S. CONGRESS. HOUSE. COMMITTEE ON WAYS AND MEANS. Unemployment Compensation Act of 1945. Hearings...79th Cong., 1st sess. on H. R. 3736... [Revised; Aug. 30, 31, Sept. 1, 4, 5, 6, and 7, 1945. 835 p. Washington, 1945.

Includes farm labor.

25995 U. S. CONGRESS. HOUSE. SPECIAL COMMITTEE ON POSTWAR ECONOMIC POLICY AND PLANNING. Postwar economic policy and planning. Hearings...78th Cong., 2d sess. and 79th Cong., 1st sess. pursuant to H. Res. 408 and H. Res. 60...Pt. 6, July 27, 28, 1944; March 13-16; April 4, 1945. Postwar public works and construction, p. 1709-2078. Washington, 1945.

25996 U. S. CONGRESS. SENATE. COMMITTEE ON EDUCATION AND LABOR. Vocational education. Hearings...79th Cong., 1st sess. on S. 619...Apr. 30, May 1 and 2, 1945. 188 p. Washington, 1945.

Includes agriculture.

25997 U. S. CONGRESS. SENATE. COMMITTEE ON PUBLIC LANDS AND SURVEYS. Administration and use of public lands. Hearings...79th Cong., 1st sess. pursuant to S. Res. 241 (76th Cong. - Extended by S. Res. 139, 79th Cong.)...Pt. 14, Washington, D. C., Jan. 10 and 11, 1945 and Salt Lake City, Utah, May 28, 29, and 30, 1945, p. 4081-4709. Washington, 1945.

25998 U. S. GENERAL LAND OFFICE. Answers to questions about homesteads for veterans of World War II on Federal public lands in continental United States. 4 p. Washington, 1945. 156.56 An8

25999 U. S. WAR RELOCATION AUTHORITY. Myths and facts about the Japanese Americans. 45 p. Washington, 1945. 173.4 W192M

Includes their agricultural occupations.

26000 VELCZ, R. Economía y finanzas de Venezuela desde 1830 hasta 1944. 478 p. Caracas, Impresores Unidos, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 41) 277.16 V54

26001 WARD, L. R. Ourselves, Inc.; the story of consumer free enterprise. 236 p. N. Y., Harper, 1945. 280.2 W210

26002 WILSON, G. An essay on the economics of detribalization in Northern Rhodesia. Pt. I-II. 2 v. Livingstone, Northern Rhodesia, 1941-42. (Rhodes-Livingstone Inst. Rhodes-Livingstone Papers, No. 5-6) 280.19 W69

Social and economic conditions and rural-urban migration.

26003 ZALESSKIY, M. I. Nalogovaya politika sovetskogo gosudarstva v derevne [Taxation policy of the Soviet Government in the village]. 119 p. Moskva, Gosfinizdat, 1940. 284.5 Z12



## AGRICULTURAL ENGINEERING

26004 ARGENTINA. MINISTERIO DE AGRICULTURA. Construcciones rurales para los colonos de los territorios del norte, sur y zona central del país. 41 p. Buenos Aires, 1944. 296.9 Ar3

26005 U. S. NATIONAL HOUSING AGENCY. The facts about homes for veterans. 14 p. Washington, 1945. 177.3 F11

## AGRICULTURAL PRODUCTS: PROCESSING, DISTRIBUTION, AND STATISTICS

26006 BRAZIL. DEPARTAMENTO NACIONAL DO CAFÉ. SEÇÃO DE ESTATÍSTICA. Cultura de café no Brasil; ensaio de corografia estatística. II. Estado do Espírito Santo (Levantamento de 1940). 245 p. Rio de Janeiro, 1942. 255.3 C122

26007 CONFERENCIA INTERAMERICANA DE AGRICULTURA. 3. CARACAS, 1945. COMITÉ ORGANIZADOR. Compendio estadístico de Venezuela. 115 p. Caracas, Tip. Casa de Especialidades, 1945. (Cuadernos Verdes, No. 30) 255.9 In3

26008 COURTAULDS LIMITED. The processing of "Rayolanda," a Courtauld fibre. 46 p. Coventry, Eng., 1945. 304 C83P  
A cellulosic fiber.

26009 DAIRY INDUSTRY COMMITTEE. Government price support of dairy products. 8 p. Washington, D. C., 1945. 284.344 D14G

26010 FORBIN, V. Le caoutchouc dans le monde. 286 p. Paris, Payot, 1943. (Collection de Documents et de Témoignages pour Servir à l'Histoire de Notre Temps) 305 F74

26011 GROVER, E. B., and DUNLAP, G. H. A study of the production of cotton carding. Preliminary report. 32 p. N. Y., Textile Res. Inst., 1945. 304 G91

Conducted at the North Carolina State College School of Textiles, under the direction of the Textile Research Institute, Inc., and sponsored by the Office of Production Research and Development, War Production Board.

26012 GRÜNWARD, O., and JAFFÉ, W. G. La concha del plátano verde como materia forrajera. 18 p. Caracas, Impresores Unidos, 1945. Ref. (Conferencia Interamericana de Agricultura, 3. Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 17) 389.7 G922

Compared, in composition, with other feeds.

26013 GUERRA Y SÁNCHEZ, R. Azúcar y población en las Antillas. Ed. 3, 320 p. La Habana, Cultural, 1944. 282.14 G93

26014 HENAO JARAMILLO, J. La industria cafetera en Venezuela. 36 p. Caracas, "Crisol," 1945. (Conferencia Interamericana de Agricultura, 3. Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 39) 68.2 J28

26015 KATONA, G. Price control and business; field studies among producers and distributors of consumer goods in the Chicago area, 1942-44. 246 p. Bloomington, Ind., Principia Press, 1945. (Cowles Commission for Research in Economics. Monog. 9) 284.3 K152

26016 LAIRET, S. El algodón y la industria textil. 128 p. Caracas, Casa de Especialidades, 1945. (Conferencia Interamericana de Agricultura, 3. Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 18) 281.372 L14

26017 MOLINA MAYOL, J. Posibilidades venezolanas para la exportación de frutas y hortalizas. 38 p. Caracas, "Crisol," 1945. (Conferencia Interamericana de Agricultura, 3. Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 27) 286 M732

26018 MONTEALEGRE C., E. Memorandum sobre la estabilización de los precios de los productos agrícolas que gel; presenta al... Secretario de Hacienda y Crédito Público de Nicaragua. 19 p., processed. Washington, D. C., 1945. 284.3 M762

26019 MORELLI, L. Manuale del casaro. Ed. 6, rev., 308 p. Milano, Hoepli, 1945. 44 M81

26020 MOULTON, H. G., and SCHLOTTERBECK, K. T. Should price control be retained? 43 p. Washington, D. C., Brookings Inst., 1945. 284.3 M86

26021 MUNSHI, M. C., and SINHA, B. From the farmer to the consumer; a study of price spreads. 43 p. New Delhi, Res. Dept., Fed. of Indian Chambers of Com. & Indus., 1945. 284.3 M92

26022 NATIONAL ASSOCIATION OF CORN AND AGRICULTURAL MERCHANTS. Post-war plans for the corn trade (interim views) embracing marketing of home-grown grain, manufacture of animal feeding-stuffs, the purchase, cleaning and dressing of cereal seeds, distribution of animal feeding-stuffs, seeds, fertilisers, and other farm requisites. 42 p. London, 1944. 281.359 N21

26023 NORTH CAROLINA CROP IMPROVEMENT ASSOCIATION. Certified seed of wheat, oats, barley and rye inspected and certified by the North Carolina Crop Improvement Association, Inc. 11 p. Raleigh, N. C., 1945. 59.9 N814

26024 SMITH, T. R. The cotton textile industry of Fall River, Massachusetts; a study of industrial utilization. 175 p. N. Y., King's Crown Press, 1944. 304 Sm6

26025 SZECHWAN INSTITUTE OF AGRICULTURAL IMPROVEMENT, CHENG TU, CHINA. Szu ch'uan hsi nan chih cha yeh (Tea of southwest Szechwan). 38 p. Chengtu 1941. 68.1 C42

26026 SZECHWAN INSTITUTE OF AGRICULTURAL IMPROVEMENT, CHENG TU, CHINA. Szu ch'uan lan tien chih sheng ch'an yü yun hsiao (Production, transportation and consumption of Szechwan indigo). 41 p. Chengtu? 1941. 77 C422

26027 SZECHWAN INSTITUTE OF AGRICULTURAL IMPROVEMENT, CHENG TU, CHINA. Szu ch'uan pai la chih sheng ch'an yü yun hsiao (Production, transportation and consumption of Szechwan white wax). 28 p. Chengtu? 1941. 307 C42

26028 SZECHWAN INSTITUTE OF AGRICULTURAL IMPROVEMENT, CHENG TU, CHINA. Szu ch'uan ta ma tiao cha (Investigation of Szechwan hemp). 26 p. Chengtu? 1941. 73.2 C42

26029 U. S. CONGRESS. HOUSE. SPECIAL COMMITTEE TO INVESTIGATE EXECUTIVE AGENCIES. To investigate executive agencies. Hearings... 79th Cong., 1st sess. pursuant to H. Res. 88... Pt. 3, June 6 and 7, 1945. Hearings on pricing of fresh fruits and vegetables for market and pricing fresh fruits and vegetables for processing - MPR 425 and MPR 426 and amendments. Office of Price Administration, p. 939-991. Washington, 1945.

26030 U. S. WAR SHIPPING ADMINISTRATION. FOOD CONTROL DIVISION. Food and the War Shipping Administration. 12 p. Washington, 1945. 173.3 W1942

26031 UZCATEGUI R., L. La campaña algodonera del Ministerio de Agricultura y Cría; historia, desenvolvimiento y proyecciones para el futuro. 107 p. Caracas, "Crisol," 1945. (Conferencia Interamericana de Agricultura, 3. Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 35) 72 U22

26032 WARE, C. F. The consumer in the postwar economy. 54 p. Washington, D. C., Amer. Assoc. of U. Women, 1945. 280.12 W22Co

Outlines a long-range consumer food program, including production, marketing, and nutrition.

## ANIMAL INDUSTRY

26033 BORTOLETTI, P. Recetario veterinario para las principales enfermedades que atacan a todas las especies de los animales domesticos. 201 p. Guatemala, C. A., Tipografía "America," 1944. 41 B648R

26034 BURGUETE, E. Ensilagem e fenação. 67 p. Lisboa, Editorial Império, 1940. 60.7 B91



26035 BYERLY, T. C. Poultry farming; a self-teaching course, based on "Successful poultry management," by M. A. Jull. 401 p. Madison, Wis., Pub. for the United States Armed Forces Institute by McGraw-Hill, 1945. (U. S. War Dept. Education Manual EM 820) 152.237 B99

26036 CASTELLÓ CARRERAS, S. Las gallinas y sus productos. Ed. 3, 181 p. Madrid, Sección de Publicaciones, Prensa y Propaganda, Ministerio de Agricultura, 194-? 47 C272G

26037 CASTELLÓ CARRERAS, S. Pavos, patos y gan- sos. Ed. 2, 170 p. Madrid, Sección de Publicaciones, Prensa y Propaganda, Ministerio de Agricultura, 194-? 47 C272P

26038 CONFERENCIA INTERAMERICANA DE AGRICULTURA, 3, CARACAS, 1945. COMITÉ ORGANIZADOR. Instituto de Investigaciones Veterinarias de Venezuela. 51 p. Caracas, "Crisol," 1945. (Cuadernos Verdes, No. 26) 41.9 V553

26039 DAHMEN, H. Lehrbuch der veterinär-mikro- biologie. Ed. 2, 238 p. Berlin, Parey, 1942. 41 DL32

26040 FONT TOLEDO, S. La raza karakul. 151 p. Madrid, Sección de Publicaciones, Prensa y Propagan- da, Ministerio de Agricultura, 1942. Ref. 45 F73

26041 HENKELS, P., ed. Leitfaden der kriegs- veterinärchirurgie. 477 p. Hannover, Schaper, 1942. 41 H382

Mainly horses.

26042 HOGNER, D. C. Farm animals and working and sporting breeds of the United States and Canada, illustrated by N. Hogner. 194 p. N. Y., Oxford U. Press, 1945. 40 H674

26043 HOYOS, M. La cría equina como fuente de riqueza en Venezuela. 26 p. Caracas, "Crisol," 1945. (Conferencia Interamericana de Agricultura, 3, Cara- cas, 1945. Comité Organizador. Cuadernos Verdes, No. 28) 42 H85

26044 IVANOV, M. F. Ovtsevodstvo [Sheep rais- ing]. Ed. 4, 704 p. Moskva, Sel'khozgiz, 1940. Ref. 45 Iv1

26045 KUDRIAVTSEV, P. N. Plemennoe svinovodstvo [Breeding pedigreed swine]. 116 p. Moskva, Sel'- khozgiz, 1940. 46 K952

26046 MOORE, M., and GILDOW, E. M. Developing a profitable dairy herd. 192 p. Seattle, Wash., Wood & Reber, 1945. 43 M782

26047 NOVICKY, R. La coccidiosis de los cerdos en Venezuela. 29 p. Caracas, "Crisol," 1945. Ref. p. 19. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Ver- des, No. 12) 41 N852V

English summary.

26048 ODRIOZOLA, M. Maíz, cebada y arroz en la ceba de cerdos. Ed. 2, 91 p. Madrid, Sección de Publicaciones, Prensa y Propaganda, Ministerio de Agricultura, 1942. Ref. 389.7 Od6

English summary.

26049 RIVERA, E. A. Estado actual de la ganade- ría en Venezuela. 35 p. Caracas, Vargas, 1945. (Conferencia Interamericana de Agricultura, 3, Cara- cas, 1945. Comité Organizador. Cuadernos Verdes, No. 13) 40 R522

26050 SHAPOSHNIKOV, A. N. Kholmogorskiy skot ["Kholmogorsk" cattle]. 254 p. Moskva, Sel'khoz- giz, 1940. Ref. 43 Sh22

26051 THOMAS, J. F. H. Sheep. 196 p. London, Faber & Faber, 1945. 45 T362

#### ENTOMOLOGY

26052 BALLOU, C. H. Notas sobre insectos dañinos observados en Venezuela 1938-1943; datos tomados en la época en que causaron daños de consi- deración. 151 p. Caracas, "Crisol," 1945. (Con- ferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 34) 423 B21

26053 BERTI, A. L. La ingeniería antimalárica en Venezuela. 34 p. Caracas, Impresores Unidos, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 24) 428 L962

Engineering methods in mosquito control.

26054 CAÑIZO GÓMEZ, J. DEL. El escarabajo de los patatales [Leptinotarsa decemlineata]. 125 p. Madrid, Ministerio de Agricultura, Sección de Publi- caciones, Prensa y Propaganda, 1944. 427 C162

26055 \*FERIER, R. J'organise et je conduis mon rucher suivant les procédés modernes; guide complet. Ed. 2, 356 p. Bruxelles, Office de Publicité, 1944. 424 F38

26056 ROBERTS, W. S. Silk culture in America. 87 p. n. p., The author, 1945. 425 R542

26057 WARD'S NATURAL SCIENCE ESTABLISHMENT, INC. How to make an insect collection; containing sugges- tions and hints designed to aid the beginning and less advanced collector. 32 p. Rochester, 1945. 422 W212

26058 ZINN, H. J. Our Martha. 152 p. Zinn & Co., 1945. 424 Z6

Letters relating to honeybees.

#### FOOD AND HUMAN NUTRITION

26059 ARTUSI, P. Italian cook book. Adopted from the Italian, by O. Ragusa. 243 p. N. Y., Vanni, 1945. 389.25 Ar7

26060 CHILDREN'S FUND OF MICHIGAN. Implications of nutrition and public health in the postwar period: the proceedings of a conference held at Detroit, Michigan, November 3, 1944. 206 p. Detroit, 1944? 389.9 C432

Partial contents: Food production for better health and longer life, by L. A. Maynard, p. 5-19; Vitamins and health, by C. G. King, p. 21-44; Role of food technology in improving nutrition, by R. C. Newton, p. 45-62; Research and nutrition for human health, by F. F. Tisdall, p. 63-82; Maintaining dental health, by P. C. Jeans, p. 83-103; Importance of proteins in resistance to infection, by P. R. Cannon, p. 105-131; Nutritional reconditioning of children in occupied countries, by R. C. Stuart, p. 133-154; Our national diet and future health, by E. V. McCollum, p. 159-171; International implica- tions of freedom from want of food, by F. G. Boudreau, p. 173-187; Amino acid deficiencies in man, by L. E. Holt, Jr., p. 191-206.

26061 MEDICAL RESEARCH COUNCIL. (GREAT BRITAIN). Nutritive values of wartime foods (Tables compiled for the Accessory Food Factors Committee). 59 p. London, H. M. Stationery Off., 1945. (Its War Memo. No. 14) 389.1 M463N

#### FORESTRY

26062 SILVA ELISEU, H. DA. Noções de silvicultu- ra, v. 1, cultura, economia, tecnologia. Ed. 2, rev., 327 p. Leiria, Mendes Barata, 1942. 99.45 S13

26063 SOCIETY OF AMERICAN FORESTERS. COMMITTEE ON WESTERN FOREST TYPES. Forest cover types of western North America. 35 p. Washington, D. C., 1945. 99.34 Sol2W

#### PLANT SCIENCE

26064 AUBERT, P., and LUGEON, A. Arboriculture fruitière moderne. Ed. 2, rev. and enl., 350 p. Lausanne, Payot, 1944. 93.26 Aul

26065 BONHAM, H. J. Aids to botany. Ed. 2, 215 p. London, Baillière, Tindall and Cox, 1944. 463 B642



26066 CABALLERO, A. Flora analítica de España. Madrid, Sociedad Anónima Española de Traductores y Autores, 1940. 459.9 C113

26067 \*CAÑIZA, J. DEL, and SARDIÑA, J. R. Enfermedades y alteraciones de las patatas. 39 p. Madrid, Estación Central de Fitopatología Agrícola, 1944. 464.045 C16

With twenty colored plates.

26068 CULTIVO de la papa; preparación de la tierra, selección de la semilla, siembra, cosecha, almacenaje, enfermedades. 188 p. Buenos Aires, Editorial Atlántida, S. A., 1942. (Biblioteca de "La Chacra," dirigida por Waldemar Martínez Pintos, 14) 75 C89

26069 EVERETT, T. H. A guide to garden flowers; a companion book to two guides to wild flowers: Field flowers, Woodland flowers. 61 p. Racine, Wis., Whitman Pub. Co., 1945. 455 EvGf

26070 EVERETT, T. H. A guide to wild flowers, field flowers; a companion book to A guide to garden + A guide to woodland flowers. 60 p. Racine, Wis., Whitman Pub. Co., 1945. 455 EvG

26071 FAES, H., STAEHELIN, M., and BOVEY, P. La défense des plantes cultivées. Ed. 5, 500 p. Lausanne, Payot, 1943. (Station Fédérale d'Essais Viticoles et Arboricoles à Lausanne) 464 F12E

26072 FRITSCHÉ, E. Série de leçons constituant le cours de botanique. 252 p. Liège, Vaillant-Carmanne, 1944. 463 F912

26073 GARCÍA ROMERO, A. El cultivo del tabaco. 162 p. Barcelona, Salvat, 1942. (Biblioteca Agrícola Salvat) 69 G16

26074 IMPERIAL MYCOLOGICAL INSTITUTE, KEW. Distribution maps of plant diseases. Nos. 87-88. Kew, Eng., 1945. 464.9 Im7

26075 LANGHAM, D. G., and RODRÍGUEZ, M. El ajonjolí (*Sesamum indicum* L.); su cultivo, explotación y mejoramiento. 132 p. Caracas, Vargas, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 31) 77 L26

Also as Inst. Expt. de Agr., El Valle, D. F., Venezuela. B. 2, 132 p. Caracas, 1945. 9.95 E11Bo

26076 LANGHAM, D. G., and others. El maíz en Venezuela y su mejoramiento. 59 p. Caracas, Vargas, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 21) 69.22 L26

O. Gorbea, O. Villanueva, and C. Rojas, joint authors.

Also as Inst. Expt. de Agr., El Valle, D. F., Venezuela. B. 1, 59 p. Caracas, 1945. 9.95 E11Bo

26077 LASSER, T. Exploraciones botánicas en el Estado Mérida. 27 p. Caracas, Impresores Unidos, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 11) 457.5 L33

26078 LATHOUWERS, V. Manuel de l'amélioration des plantes cultivées. v. 2, ed. 2, 579 p. Paris, Librairie Agricole, 1942. (Encyclopédie Agronomique et Vétérinaire) 64 L34  
v. 2. L'amélioration du froment (cytologie, morphologie, physiologie, génétique, phylogénie).

26079 MERRILL, E. D. Plant life of the Pacific world. 295 p. N. Y., Macmillan, 1945. (The Pacific World Series) 460.53 M55

26080 MUÑOZ OTERO, S. El nupé; un cultivo promisor para Venezuela. 34 p. Caracas, "Crisol," 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 38) 77 M922

26081 NORTHEASTERN CORN IMPROVEMENT CONFERENCE, 1, NEW HAVEN, CONN., 1945. Report. 21 p., processed. Beltsville, Md., U. S. Bur. Plant Indus., Soils and Agr. Engin., 1945. 59.9 N815

26082 PANCHENKO, I. A. I. Sochnye korma [Succulent feeding stuffs]. 176 p. Moskva, "Sel'khozgiz," 1941. 60.4 P19

Culture of forage crops.

26083 PARRY, J. W. The spice handbook; spices, aromatic seeds and herbs. 254 p. Brooklyn, N. Y., Chem. Pub. Co., 1945. 68.6 P24

26084 QUESTEL, A. The flora of St. Bartholomew (French West Indies) and its origin. 224 p. Basse-Terre (Guadeloupe), Imprimerie Catholique, 1941, pub. 1942. 456.3 Q3

26085 SCHMEIL, O., and SEYBOLD, A. Lehrbuch der botanik. Ed. 52, v. 1, Morphologie der blütenpflanzen; das pflanzenreich in systematischer anordnung. 400 p. Leipzig, Quelle & Meyer, 1944. 463 Sch4  
With illustrations and 96 colored plates.

26086 SOUTHERN CORN IMPROVEMENT CONFERENCE, 4, BIRMINGHAM, ALA., 1945. Report. 43 p., processed. Beltsville, Md., U. S. Bur. Plant Indus., Soils and Agr. Engin., 1945. 59.9 So87

26087 TESTI, G. D. Anatomia e fisiologia vegetale, per le scuole dell'ordine superiore. 203 p. Milano, Garzanti, 1942. 463 T28

26088 TSITSIN, N. V. Firetrum (romashka) [Pyrethrum]. 80 p. Moskva, "Sel'khozgiz," 1941. (Vsesoiznaia Sel'skokhoziaistvennaia Vystavka) 423 T784P

Culture, insecticidal uses.

26089 WAR SERVICE PROGRAM. PENNSYLVANIA. Grapes. 46 p. Chicago, A. Whitman & Co., 1945. 95 W26

Compiled by workers of the War Services Project of the Work Projects Administration in the Commonwealth of Pennsylvania.

26090 WYSE-GARDNER, C. Cloches versus hunger; a guide to intensive vegetable cultivation. Ed. 10, 32 p. Chertsey, Eng., Intensive Gard. Press, 1944. 91.15 W99

26091 WYSE-GARDNER, C. Commercial cultivation of crops under cloches. Ed. 2, 12 p. Chertsey, Eng., Intensive Gard. Press, 1944. 91.13 W99

#### SOILS AND FERTILIZERS

26092 ALLIS-CHALMERS MANUFACTURING CO., MILWAUKEE, WIS. You have what it takes to contour and terrace. 12 p. Milwaukee, n. d., 56.7 AL52

Information on contour tillage, building terraces, establishing grassed waterways, and strip cropping and soil management.

26093 CLARK, C. T. The story of the soil. 32 p. Melbourne, Australia, Victoria Soil Conservation Board, 1944. 56.7 V663S

Formation, use, erosion, and conservation of the soil, with special reference to conditions in Victoria

26094 GRÜNWARD, O. Abonos naturales de Venezuela. 16 p. Caracas, Impresores Unidos, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 7) 57.2 G92

26095 POWERS, W. L., and ELEIZALDE, L. M. DE. Los suelos rojos lavados del norte de Venezuela. 34 p. Caracas, Moderna, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 6) 56.23 P87

26096 U. S. BUREAU OF RECLAMATION. Putting the Missouri to work. 29 p. Washington, 1945. 156.85 P98

Project for development of the Missouri River Basin for flood control, irrigation, hydroelectric power, improvement of navigation, and conservation of wildlife.

26097 U. S. CONGRESS. SENATE. COMMITTEE ON IRRIGATION AND RECLAMATION. To establish a Missouri Valley Authority. Hearings...79th Cong., 1st sess. on S. 555...Sept. 18, 19, 20, 21, 22, 24, 25, 26, 27, and 28, 1945. 699 p. Washington, 1945.



26098 VENEZUELA. DIRECCIÓN DE OBRAS DE RIEGO Y CARTOGRAFÍA NACIONAL. El riego en Venezuela. 101 p. Caracas, Vargas, 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 9) 55 V552

## MISCELLANEOUS

26099 ALTENBURG, E. Genetics. 452 p. N. Y. Holt, 1945. 443 AL7.

26100 CONFERENCIA INTERAMERICANA DE AGRICULTURA, 3, CARACAS, 1945. COMITÉ ORGANIZADOR. Ejecución de las resoluciones de la Segunda Conferencia Interamericana de Agricultura por el Gobierno de Venezuela. 90 p. Caracas, Escuelas Gráficas Salesianas, 1945. (Cuadernos Verdes, No. 22) 281.169 In8

26101 CONVEGNO NAZIONALE DEI DOTTORI IN SCIENZE AGRARIE. 1st, ROME, 1945. Italian National Congress of Doctors of Agrarian Science, held at Rome, June 29, 30, July 1, 1945. 9 p., processed. Rome, 1945. (No. 151) 27 G766

26102 \*DOGEL', V. A. A. O. Kovalevskii. 153 p. Moskva, Akademiia Nauk SSSR, 1945. 120 K842  
His contributions to zoology.

26103 FENNER, C. Mostly Australian. Ed. 2, rev., 181 p. Melbourne, 1945. 128 F36  
Australian people, places, rocks, minerals, plants, and animals.

26104 HASTINGS, W. H. The natural resources of Saskatchewan. 113 p. Regina, McConica, 1945. 280.137 H27

26105 INTERNATIONAL INSTITUTE OF AGRICULTURE. Some aspects of the work of the International Institute of Agriculture (1905-1940). 116 p. Rome, 1942. 28 In8So

26106 MACKIE, T. J., and MCCARTNEY, J. E. Handbook of practical bacteriology; a guide to bacteriological laboratory work. Ed. 7, 720 p. Baltimore, Williams and Wilkins, 1945. 448.2 M212

26107 MASSINGHAM, H. J., ed. The natural order, essays in the return to husbandry. 178 p. London, Dent, 1945. 30.4 M383N  
List of Books, p. 172-178.

Contents: Introduction, by H. J. Massingham, p. 1-19; The rural tradition, by E. Blunden, p. 21-30; Work and quality, by H. J. Massingham, p. 31-42; Agriculture and industry, by B. D. Knowles, p. 43-52; Self-sufficiency, by P. Mairet, p. 53-65; Feeding ourselves, by P. Oyler, p. 66-77; Farming is the feet of the nation, by L. F. Easterbrook, p. 80-87; Is modern farming unsound? by C. H. Jones, p. 88-99; Mechanization and the land, by J. E. Hosking, p. 100-110; Soil and fertility, by Lord Northbourne, p. 111-119; Grassland and live-stock, by M. Graham, p. 120-128; Forestry and husbandry, by R. Gardiner, p. 129-140; The small farm, by A. Bell, p. 141-151; Industrialism comes to the village, by C. H. Warren, p. 152-162; The future of estate management, by the Earl of Portsmouth, p. 163-171.

26108 MUKHERJEE, B. B. An economic & commercial geography of India. Ed. 6, 218 p. Calcutta, Kamala Book Depot, 1942. 278.182 M89

26109 NAGORE, D. Lecciones campesinas. 178 p. Madrid, Ministerio de Agricultura, Sección de Publicaciones, Prensa y Propaganda, 1944? 30.3 N13L

26110 PAN AMERICAN UNION. GOVERNING BOARD. COMMITTEE ON AGRICULTURE. Report...submitting the program of the Third Inter-American Conference on Agriculture. 5 p., processed. Washington, D. C., 1945. 150.91 In8503

26111 RADCLIFF, C. P., comp. Report of Veterans Agriculture Advisory Committee, Lincoln County, New Mexico. 12 p. n. p., 1945? 31.3 L63

26112 SCHOENICHEN, W. Naturschutz als völkische und internationale kulturausgabe; eine übersicht über die allgemeinen, die geologischen, botanischen, zoologischen und anthropologischen probleme des heimatlichen wie des weltnaturschutzes. 458 p. Jena, Fischer, 1942. Ref. 279 Sch6N

26113 SHESHGIRI, B. S. The Bombay Karnataka; a geographical survey. 208 p. Belgaum, The author, 1941. 278.182 Sh5

Includes agriculture and agricultural products.

26114 UNITED NATIONS INTERIM COMMISSION ON FOOD AND AGRICULTURE. The work of FAO; a general report to the first session of the Conference of the Food and Agriculture Organization of the United Nations. 57 p. Washington, D. C., 1945. 389.9 F736

26115 U. S. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. First Supplemental Surplus Appropriation Rescission Bill, 1946. Hearings...79th Cong., 1st sess...Pt. 1-2. 2 v. Washington, 1945.

Pt. 1. Departments and Civil Agencies, includes Department of Agriculture; Pt. 2. Naval Establishment, Military Establishment.

26116 U. S. CONGRESS. SENATE. COMMITTEE ON MILITARY AFFAIRS. Hearings on science legislation (S. 1297 and related bills)...79th Cong., 1st. sess. pursuant to S. Res. 107(78th Cong.) and S. Res. 146 (79th Cong.) Authorizing a study of the possibilities of better mobilizing the national resources of the United States. Opening statement by Senator H. M. Kilgore. Oct. 8, 1945. 12 p. Washington, 1945.

Proposal for the establishment of a National Research Foundation.

26117 U. S. TARIFF COMMISSION. Agricultural, pastoral, and forest industries in Colombia. 45 p., processed. Washington, 1945. 173 T17Agc

26118 U. S. TARIFF COMMISSION. Mining and manufacturing industries in Argentina. 75 p., processed. Washington, 1945. 173 T17Mma

Includes agriculture, trade, raw materials, purchasing power of the people, transportation, the food-processing, beverage, and tobacco industries, and textile and related industries.

26119 VANDELLOS SOLA, J. A. Estudio sobre la pluviometría en Venezuela. 120 p. Caracas, "Crisol," 1945. (Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador. Cuadernos Verdes, No. 25) 343 V28

26120 \*WERY, G. Agenda; aide-mémoire agricole et viticole; feuilles de comptabilité. 195 p. Paris, Baillière, 1944. 30.3 Ag3

A handbook of farming and wine production, for 1945.

26121 WRIGHT, W. D. The measurement of colour. 223 p. London, Hilger, 1944. 334.2 W93

Includes the use of color in grading agricultural products and in classifying soils.



## PERIODICAL AND SERIAL LITERATURE

## PLANT SCIENCE

## GENERAL

- 26122 AJELLO, L. A simple method for preparing corn meal agar. *Mycologia* 37: 636-637. Sept./Oct. 1945. 450 M99
- 26123 BOND, W. E. Suitability of various hedge plants and live fencing poles in northern Nigeria. *Farm and Forest* 6(1): 22-26. Jan./Mar. 1945. 24 F226
- 26124 CASEY, J. Fall flowers which brighten the wayside. *South. Home and Gard.* 13(4): 21. Oct. 1945. 80 So824
- 26125 CHAPMAN, F., and COLLIVER, F. S. Notes on fossil leaves of Eucalyptus from Bulla and Daylesford. *Victorian Nat.* 62: 45-46. July 1945. 410 V66
- 26126 CHIARUGI, A. Per la protezione dell'Abies nebrodensis Matei. *Nuovo Gior. Bot. Ital. (n. s.)* 48: 668-669. 1941, pub. Jan. 31, 1942. 450 M92
- 26127 DODGE, B. O. Further remarks on mycogenetic terminology. *Mycologia* 37: 629-635. (Cont.) Sept./Oct. 1945. 450 M99
- 26128 FIELD, A. R. Colorado's wild flowers. *Gard. Gossip* 20(10): 7, 17. Oct. 1945. 80 G1625
- 26129 \*GIZIE, B., and LEPELLE, P. Notes de géographie physique et agronomique sur le Cameroun et l'Afrique Équatoriale Française. *Inst. Natl. Agron. Paris. Ann.* 32: 1-164. 1941. 105.3 In8  
Includes sections on the control of plant diseases and pests.
- 26130 GRECO, J. B. Atmospheric pollen surveys in Brazil. *Ann. Allergy* 3: 283-286, 328. July/Aug. 1945. 448.8 An72
- 26131 GREENWAY, P. J. Origins of some East African food plants. Part V. *East African Agr. J.* 11: 56-63. July 1945. 24 Ea74
- 26132 HARRIS, T. M. Notes on the Jurassic flora of Yorkshire, 16-18. *Ann. and Mag. Nat. Hist. (ser. 11)* 12: 213-234. Sept. 18, 1945. Ref. 410 An77
- 26133 \*HIRMER, M. Paläobotanik. *Fortschr. der Bot.* 10: 56-112. 1941. Ref. 450 F772
- 26134 \*IL'INSKIĬ, A. P. Piat' desiāt' let raboty V. L. Komarova v Botanicheskom Institute im. V. L. Komarova Akademii Nauk SSSR (Cinquante années de travail de V. L. Komarov à l'Institut Botanique V. L. Komarov de l'Académie des Sciences de l'URSS). *Sovet. Bot., No. 6*, p. 17-23. 1944. 450 So8
- 26135 JOHNSON, J. H. Calcareous algae of the upper Leadville limestone near Glenwood Springs, Colorado. *Geol. Soc. Amer. B.* 56: 829-847. Sept. 1945. 403 G29
- 26136 \*KIRCHHEIMER, F. Laubblätter aus dem Älteren tertiär der Lausitz. *Planta* 33: 91-150. July 22, 1945. 450 P693
- 26137 \*KIRCHHEIMER, F. Ein neuer beitrage zur kenntnis der braunkohlenflora in der Lausitz. *Beitr. z. Biol. der Pflanz.* 27: 189-231. 1941, pub. Dec. 1, 1940. 450 C66
- 26138 \*KOZO-POL'ANSKIĬ, B. M. Novye uspekhi pollinistiki i problema evoliutsii vysshikh rastenii (Modern advances in pollinistics and the evolution of higher plants). *Uspekhi Sovremennoi Biol.* 19: 236-247. 1945. 442.8 Er3
- 26139 \*LAVRENKO, E. M. Akad. V. L. Komarov kak botaniko-geograf (V. L. Komarov comme botaniste-géographe). *Sovet. Bot., No. 6*, p. 24-29. 1944. 450 So8
- 26140 LIMA, A. O., COSTA, P. D. DA, and ANTUNES, R. Contagem de polens aéreos na cidade de Campos (Estado do Rio de Janeiro) durante 10 meses consecutivos. *Brasil-Med.* 59: 226-229. June 16/30, 1945. 448.8 B73
- 26141 LIMA, A. O., and others. Contagem de polens aéreos na cidade de Curitiba (Paraná) durante 7 meses consecutivos. *Brasil-Med.* 59: 267-268. July 21/28, 1945. 448.8 B73
- P. D. da Costa, P. P. dos Santos, and R. Galeno, joint authors.
- 26142 \*M., R. Marimurtra: jardín botánico. *Cult. Mod.* 28(2): 43-46. Feb. 1945. 15 C89
- 26143 \*MERCIÉ, C. Procédé de préparation des collections végétales par déshydratation dans le vide. *Conservation à l'abri de l'oxygène. Soc. Bot. de France. B.* 91: 182-185. Oct./Nov. 1944. 451 F84B
- 26144 \*MINIO, M. Sui caratteri dell'opera botanica del veneziano Pietro Antonio Michiel dall'analisi del suo codice-erbario (sec. xvi). *Nuovo Gior. Bot. Ital. (n. s.)* 47: 649-661. 1940, pub. Apr. 30, 1941. 450 N92
- 26145 MURRILL, W. A. Common names may be highly important. *Mycologia* 37: 636. Sept./Oct. 1945. 450 M99
- 26146 NEWELL, L. C., and TYSDAL, H. M. Numbering and note-taking systems for use in the improvement of forage crops. *Amer. Soc. Agron. J.* 37: 736-749. Sept. 1945. Ref. 4 Am34P
- 26147 PÉREZ CALVET, R. Un estudio sobre las experiencias de uniformidad y su empleo en la elección de parcela de repetición. *Spain. Inst. Nac. de Invest. Agron. B.* 12, p. 329-348. May 1945. 105.6 Spl4
- 26148 \*POLIANSKIĬ, V. I. Kniga V. L. Komarova "Uchenie o vide u rastenii" i ee znachenie v razvitiĭ teoreticheskoi botaniki (Le livre de V. L. Komarov "L'espèce chez les plantes" et son rôle dans le développement de la botanique théorique). *Sovet. Bot., No. 6*, p. 30-38. 1944. 450 So8
- 26149 SCHIEL, E. Recuperación del agar-agar, y utilización económica de medios de cultivo gelosados. *Rev. Argentina de Agron.* 12: 94-102. June 1945. 9 R327
- 26150 SELLING, O. H. The post-glacial vegetation history of the Hawaiian Islands. Göteborg. *Bot. Trädgård. Meddel. (1942/44)* 15: 31-34. 1944. 451 G712  
Investigations in plant sociology as well as palaeontology.
- 26151 \*SENNI, L. Per la protezione degli ultimi esemplari superstiti dell'Abies nebrodensis in Sicilia. *Nuovo Gior. Bot. Ital. (n. s.)* 48: 667-668. 1941, pub. Jan. 31, 1942. 450 N92
- 26152 SKUTCH, A. F. A natural water-garden in western Panama. *Nature Mag.* 38: 404. Oct. 1945. 409.6 N214
- 26153 STOUT, W. Some locations for fossil plants in Ohio. *Ohio J. Sci.* 45: 129-161. July 1945. 410 Oh3
- 26154 TEIXEIRA, C. Pinheiro fóssil do Pliocênio de Riomaio. *Soc. Broteriana B. (ser. 2)* 19: 201-208. 1944. 451 C66
- 26155 TEIXEIRA, C. Subsídios para a história evolutiva do pinheiro dentro da flora portuguesa. *Soc. Broteriana B. (ser. 2)* 19: 209-221. 1944. 451 C66
- 26156 TSAI, H., and CHOW, G. Y. Studies on field plot technique in wheat. *Chinese J. Sci. Agr.* 1: 93-118. Dec. 1943. 22.5 C448  
English summary.
- 26157 WEBERBAUER, A. La protección de la vegetación y la flora del Peru. *Peru. Dir. Gen. de Agr. B.* 17: 109-113. 1944. 9.8 P43B
- 26158 WOLFENBARGER, D. O. Estimations of volumes, surface areas, and numbers of twig crotches in elm trees. *Amer. Midland Nat.* 34: 421-432. Sept. 1945. 410 M58  
Data for use in control of diseases and pests.
- 26159 ZHEBRAK, A. R. Soviet biology. *Science* 102: 357-358. Oct. 5, 1945. 470 Sci2  
Modern trend in the Russian plant breeding program.



## SYSTEMATIC AND GEOGRAPHIC BOTANY

## General

26160 \*BENOIST, R. Plantes récoltées en Équateur. Soc. Bot. de France. B. 91: 191-194. Oct./Nov. 1944. 451 F84B

26161 \*BOBROV, E. G. Nasha sovremennaya floristika i znachenie rabot V. L. Komarova v ee razvitií (Étude contemporaine de la flore et le rôle des travaux de V. L. Komarov dans son développement). Sovet. Bot., No. 6, p. 5-16. 1944. 450 So8

26162 CARRIZO, M. La flora en la cordillera Sanjuanina. Vinos, Viñas y Frutas 41: 69-74. July 1945. 9 Ag89

26163 FARMER, A. E. Plant life of Alamogordo. Desert Plant Life 17: 113-114. Sept. 1945. 450 D45

26164 GALLEGOS TERÁN, J. A. Inventario florístico de algunas islas del archipiélago de Colón. Ecuador. U. Cent. Inst. Bot. B. 3(5): 155-166. June 1945. 451 Ec9

26165 GARCIA, J. G. Plantas vasculares raras ou novas para a flora portuguesa. Soc. Broteriana B. (ser. 2) 19: 1-26. 1944. 451 C66

26166 \*GILLNER, V. Strandvegetationen på Stora Amundön i Askims socken, Göteborgs och Bohus län. Göteborg. Bot. Trädgård. Meddel. (1942/44): 243-266. 1944. Ref. 451 G712

26167 \*HÄRD AV SEGERSTAD, F. Några nyheter för Värmlands flora. II. Göteborg. Bot. Trädgård. Meddel. (1942/44): 235-242. 1944. Ref. 451 G712

26168 \*IRMSCHER, E. Systematische und genetische pflanzengeographie. Fortschr. der Bot. 10: 113-135. 1941. Ref. 450 F772

26169 JONES, C. H. Additions to the Revised catalogue of Ohio vascular plants. XIII. Ohio J. Sci. 45: 162-166. July 1945. 410 Oh3

26170 JONES, R. W. Carácas to Cúcuta. Amer. Orchid Soc. B. 14: 119-135. Sept. 1, 1945. 80 Am329

Botanical trip through Venezuela.

26171 \*LIPSHITS, S. I. U. K istorii sistematiki, floristiki i geografii rastenii v Akademii nauk (To the history of systematics and botanic geography in the Russian Academy of Sciences). Bot. Zhur. S. S. S. R. (J. Bot. de l'U. R. S. S.) 30: 99-114. 1945. 451 R923

26172 \*MATTFELD, J. Systematik. Fortschr. der Bot. 10: 34-55. 1941. Ref. 450 F772

26173 MERKEL, J. L. Orchid hunting in Venezuela. Amer. Orchid Soc. B. 14: 144-151. Sept. 1, 1945. 80 Am329

26174 \*MESSERI, A. Un'escursione botanica a Vitalba (Catania), nel Marzo 1941. Nuovo Gior. Bot. Ital. (n. s.) 48: 419-420. 1941. 450 N92

26175 MILLE, L., and SODIRO, A. Sertula florae ecuadorensis. Ecuador. U. Cent. Inst. Bot. B. 3(5): 7-81. June 1945. 451 Ec9

26176 \*MUSSA, E. Florula del M. Musinè (valle di Susa). Nuovo Gior. Bot. Ital. (n. s.) 47: 705-714. 1940, pub. Apr. 30, 1941. 450 N92

26177 PALHINHA, R. T. O sistema sexual broteriano. Soc. Broteriana B. (ser. 2) 19: lxxvii-xciii. 1944. 451 C66

26178 \*SAVICH, V. P. O rabotakh akad. V. L. Komarova v oblasti izucheniya sporovykh rastenii (Sur les travaux de V. L. Komarov dans le domaine de l'investigation des plantes inférieures). Sovet. Bot., No. 6, p. 39-42. 1944. 450 So8

26179 SHARSMITH, H. K. Flora of the Mount Hamilton range of California (A taxonomic study and floristic analysis of the vascular plants). Amer. Midland Nat. 34: 289-367. Sept. 1945. 410 M58

26180 \*SKOTTSSBERG, C. Vascular plants from the Hawaiian Islands. III-IV. Göteborg. Bot. Trädgård. Meddel. (1942/44) 15: 35-148, 275-531. 1944. 451 G712

III. Pteridophytes collected during the Hawaiian Bog Survey 1938. IV. Phanerogams collected during the Hawaiian Bog Survey 1938.

26181 VARGAS C., C. Flora y selvicultura nacionales. Peru. Dir. Gen. de Agr. B. 17: 83-89. 1944. 9.8 P43B

## Spermatophytes

26182 AGUILAR, F. Prunus capollin. Ecuador. U. Cent. Inst. Bot. B. 3(5): 227-233. June 1945. 451 Ec9

26183 AHRENDT, L. W. A. A survey of the genus Berberis L. in Asia. New and old species from Bhutan, Assam, southern Tibet, Upper Burma, and N. W. Yunnan in their relationship to the analytical framework of the genus. J. Bot. [London], v. 80, sup., p. 113-116. Aug. 1942, pub. July 1945. 450 J82

26184 ALTHOFER, G. W. Extension of range of Acacia muelleriana and A. subulata [to central western New South Wales]. Victorian Nat. 62: 74. Aug. 1945. 410 V66

26185 BARNETT, E. C. Keys to the species groups of Quercus, Lithocarpus, and Castanopsis of Eastern Asia, with notes on their distribution. Bot. Soc. Edinb. Trans. and Proc. 34: 159-204. 1944. 451 Ed41

26186 BOLTON, E. Observations on Rosa sherardi var. glabrata (Fries) Boulenger. J. Bot. [London], 80: 149-152. Aug. 1942, pub. July 1945. 450 J82

26187 \*CAPPELLETTI, C. Nuove località della Matricaria discoidea DC. nell'Italia. Nuovo Gior. Bot. Ital. (n. s.) 47: 703-705. 1940, pub. Apr. 30, 1941. 450 N92

26188 \*CAPPELLETTI, C. Nuove osservazioni sulla distribuzione di Matricaria discoidea DC. Nuovo Gior. Bot. Ital. (n. s.) 48: 665-667. 1941, pub. Jan. 31, 1942. 450 N92

26189 \*COBAU, R. Notizie su le piante rare del vicentino. Nuovo Gior. Bot. Ital. (n. s.) 47: 662-674. 1940, pub. Apr. 30, 1941. 450 N92

26190 CROIZAT, L. Manihot tweediana Mueller is unacceptable. Rev. Argentina de Agron. 11: 173-174. Sept. 1944. 9 R327

M. flabellifolia considered valid.

26191 FEINERUN, N. Allium sectio Porrum of Palestine and the neighbouring countries. Palestine J. Bot. 3: 1-21. Nov. 1943. 450 P17

Includes 7 n. spp.

26192 FERREYRA, R. Algunas notas sobre el genero Onoseris. Peru. Dir. Gen. de Agr. B. 17: 91-198. 1944. 9.8 P43B

26193 \*FRÖDERSTRÖM, H. Plantae sinenses a Dre. H. Smith annis 1921-22, 1924 et 1934 lectae. XII. Crassulaceae anno 1934 lectae. Göteborg. Bot. Trädgård. Meddel. (1942/44) 15: 1-30. 1944. 451 G712

Includes 14 n. spp. of Sedum.

26194 GALIMARD, J. Les vacciniées et en particulier le Vaccinium myrtillus L. en thérapeutique. (Abs.) Presse Méd., No. 92/93, p. 1166. Oct. 23/25, 1941. 448.8 P92

Study of botanical characters of Vaccinium.

26195 GARZÓN S., B. Sarothamnus (Cytisus) scoparius. Ecuador. U. Cent. Inst. Bot. B. 3(5): 240-245. June 1945. 451 Ec9

26196 GILLY, C. L., and XOLOCOTZI, E. H. Las especies de Lonchocarpus en Mexico: lista preliminar. Soc. Mex. de Hist. Nat. Rev. 6: 107-117. June 1945. 516 Sol5

26197 GOMEZJURADO L., G. Chenopodium ambrosioides. Ecuador. U. Cent. Inst. Bot. B. 3(5): 234-239. June 1945. 451 Ec9



- 26198 \*GONCHAROV, N. F. Astragaly SSSR (opyt sistematicheskogo i floristicheskogo analiza odnoi iz naubolee polimorfnykh rastitel'nykh grupp) (Les astragales de l'USSR (essai d'analyse systématique et floristique d'un groupe des plantes les plus polymorphes)). Sovet. Bot., No. 6, p. 56-62. 1944. 450 So8
- 26199 GOOSSENS, A. P., and PAPENDORF, M. C. A revision of the genus *Agrostis* Linn. in South Africa. So. African J. Sci. 41: 172-185. Feb. 1945. 515 So84
- 26200 HÅRD AV SEGERSTAD, F. En anmärkningsvärd *Agropyron* [*A. caninum multicum* n. subsp.] från Värmland. Göteborg. Bot. Trädgård. Meddel. (1942/44) 15: 163-174. 1944. 451 G712
- 26201 HOWELL, J. T. Botanical notes on the *Camellia* and the tea family. Calif. Hort. Soc. J. 6: 262-263. July 1945. 81 C1293
- 26202 \*HUMBERT, H. Les cucurbitacées-févilées de Madagascar. Soc. Bot. de France. B. 91: 166-171. Oct./Nov. 1944. 451 F84B
- Zygoseicyos* n. g.
- 26203 \*HUMBERT, H. Une diptérocarpacée à Madagascar: *Monotes madagascariensis* nov. sp. Soc. Bot. de France. B. 91: 149-153. Oct./Nov. 1944. 451 F84B
- 26204 JOHNSON, B. L. Cyto-taxonomic studies in *Oryzopsis*. Bot. Gaz. 107: 1-32. Sept. 1945. 450 B652
- 26205 LEVYNS, M. R. A comparative study of the inflorescence in four species of *Schoenoxiphium* and its significance in relation to *Carex* and its allies. J. So. African Bot. 11: 79-89. Apr. 1945. 450 J8262
- 26206 LUNDELL, C. L. The genus *Garcia* Vahl, a potential source of superior hard quick-drying oil. *Wrightia* 1: 1-12. Aug. 1945. 450 W93
- 26207 LUNDELL, C. L. New phanerogams from Texas, Mexico and Central America. *Wrightia* 1: 53-60. Aug. 1945. 450 W93
- New species in *Cryosophila*; *Abronia*; *Lonchocarpus* 3; *Bernardia*; *Zuelania*; *Paratheësis*; *Brazoria*; *Scutellaria*.
- 26208 MCDADE, C. Orchid hunting in the Andes. Amer. Orchid Soc. B. 14: 136-142. Sept. 1, 1945. 80 Am329
- 26209 MCVAUGH, R. The genus *Triodanis* Rafinesque, and its relationships to *Specularia* and *Campanula*. *Wrightia* 1: 13-52. Aug. 1945. 450 W93
- Includes 3 n. spp. in *Triodanis*.
- 26210 MILLÁN, R. Variaciones del zapallito amargo *Cucurbita andreana* y el origen de *Cucurbita maxima*. Rev. Argentina de Agron. 12: 86-93. June 1945. Ref. 9 R327
- 26211 MURLEY, M. R. Distribution of *Euphorbiaceae* in Iowa, with seed keys. Iowa State Col. J. Sci. 19: 415-427. July 1945. 470 Io9
- 26212 NICHOLLS, W. H. Orchid notes (including the description of two new varieties). Victorian Nat. 62: 61-64. Aug. 1945. 410 V66
- Var. *ornata* and var. *subulata* of *Caladenia carnea*.
- 26213 \*PAMPANINI, R. A proposito del *Myrtus communis* L. a strada (Chianti). Nuovo Gior. Bot. Ital. (n. s.) 48: 423-425. 1941. 450 N92
- 26214 \*PAMPANINI, R. A proposito della presenza del *Geranium argenteum* L. in Cadore. Nuovo Gior. Bot. Ital. (n. s.) 48: 418-419. 1941. 450 N92
- 26215 \*PARDE, L. Les arbres indigènes et exotiques dans le Midi de la France et, plus spécialement, sur notre Côte d'Azur. Rev. des Eaux et Forêts 79: 41-55, 86-106. Jan., Feb. 1941. 99.8 R322
- 26216 PAREDES C., A. Anotaciones florísticas del Valle de Loja. Ecuador. U. Cent. Inst. Bot. B. 3(5): 200-223. June 1945. 451 Ec9
- 26217 PARODI, L. R. Revision de las gramíneas australes americanas del género *Piptochaetium*. La Plata. U. Nac. Mus. Rev. (n. s.) Secc. Bot. 6: 213-310. 1944. 516 L31Rb
- Includes 5 n. spp.
- 26218 \*PELLEGRIN, F. Méliacées et dichapétalacées nouvelles d'Indo-Chine. Soc. Bot. de France. B. 91: 177-180. Oct./Nov. 1944. 451 F84B
- New spp. in *Walsura*; *Dysoxylum* 2; *Chisocheton*; *Aglaia* 2; *Dichapetalum*.
- 26219 \*PIETTRE, L. Recherches sur le *Triticum monococcum*. Acad. d'Agr. de France. Compt. Rend. 30: 93-96. Feb. 9/16, 1944. 14 P215Bc
- 26220 PILAR RODRIGO, A. DEL. Las especies argentinas y uruguayas del género *Sida* (Malvaceae). La Plata. U. Nac. Mus. Rev. (n. s.) Secc. Bot. 6: 81-212. 1944. 516 L31Rb
- 26221 \*PONZO, A. Le plantule della flora tripanese. IV. Nuovo Gior. Bot. Ital. (n. s.) 47: 579-590. 1940. 450 N92
- 26222 PRAEGER, R. L. Marsh Orchis [*O. purpurella*] and hairy hawkbit [*Leontodon taraxacoides*] in northeast Ireland. Irish Nat. J. 8: 309-311. Sept. 1945. 410 Ir42
- 26223 PRAEGER, R. L. Note on the Irish mossy saxifrages. Irish Nat. J. 8: 294-299. Sept. 1945. 410 Ir42
- 26224 QUER, P. F. Una nueva *Centaurea* híbrida [*x C. broteriana*]. Soc. Broteriana B. (ser. 2) 19: 261-263. 1944. 451 C66
- 26225 RAINHA, B. V. A *Triglochin laxiflora* Guss. em Portugal. Soc. Broteriana B. (ser. 2) 19: 289-294. 1944. 451 C66
- 26226 RAMÓN, F. Una nueva especie del género *Monnina* [*M. pumila*] (Polygalaceae) procedente de la República Argentina. Peru. Dir. Gen. de Agr. B. 17: 123-125. 1944. 9.8 P43B
- 26227 RUPP, H. M. R. Australian orchids, 1900-1945. Victorian Nat. 62: 65-73. Aug. 1945. 410 V66
- 26228 RUSH, H. G. Sedums of the section *Seda genuina*. Desert Plant Life 17: 106-108. Sept. 1945. 450 D45
- 26229 SCHWEINFURTH, C. The first Peruvian *Cyrtoglossis* [*C. peruviana*]. Amer. Orchid Soc. B. 14: 152-153. Sept. 1, 1945. 80 Am329
- 26230 SORIANO, A. El género *Salsola* en la República Argentina. Rev. Argentina de Agron. 11: 233-240. Sept. 1944. 9 R327
- 26231 SMITH, G. G. Some new species and varieties in the genus *Haworthia*. IV. J. So. African Bot. 11: 65-78. Apr. 1945. 450 J8262
- 26232 SMITH, W. W., and FLETCHER, H. R. The genus *Primula*: section *Capitatae* Pax. Bot. Soc. Edinb. Trans. and Proc. 34: 149-158. 1944. 451 Ed41
- 26233 SMITH, W. W., and FLETCHER, H. R. The genus *Primula*: section *Cortusoides* Balf. f. Bot. Soc. Edinb. Trans. and Proc. 34: 55-115. 1944. 451 Ed41
- 26234 SMITH, W. W., and FLETCHER, H. R. The genus *Primula*: section *Dryadifolia* Balf. f. Bot. Soc. Edinb. Trans. and Proc. 34: 134-148. 1944. 451 Ed41
- 26235 SMITH, W. W., and FLETCHER, H. R. The genus *Primula*: section *Malvacea* Balf. fil. Bot. Soc. Edinb. Trans. and Proc. 34: 116-131. 1944. 451 Ed41
- 26236 SMITH, W. W., and FLETCHER, H. R. The genus *Primula*: section *Pycnoloba* Balf. f. Bot. Soc. Edinb. Trans. and Proc. 34: 132-134. 1944. 451 Ed41
- 26237 STELFOX, A. W. On the forms of the purple saxifrage [*Saxifraga oppositifolia*] occurring in Ireland. Irish Nat. J. 8: 315-316. Sept. 1945. 410 Ir42



- 26238 STELFOX, A. W. *Rubus nessensis* Hall - a bramble new to the flora of Co. Wicklow. Irish Nat. J. 8: 314-315. Sept. 1945. 410 Ir42
- 26239 STELFOX, A. W. Some notes on Irish mossy saxifrages with special reference to those found in the Galtee Mountains. Irish Nat. J. 8: 283-294. Sept. 1945. 410 Ir42
- 26240 STERNER, R. *Galium pumilum* Murr. i nord-västra Europa. Göteborg Bot. Trädgård. Meddel. (1942/44) 15: 187-232. 1944. Ref. 451 G712 English summary.
- 26241 STEVENS, O. A. *Asclepias syriaca* and *A. speciosa*, distribution and mass collections in North Dakota. Amer. Midland Nat. 34: 368-374. Sept. 1945. 410 M58
- 26242 SUN, V. G., and SZE, L. C. A note on "Tsontsal Brassica juncea linearifolia." Chinese J. Sci. Agr. 1: 143-146. Dec. 1943. 22.5 C448 English summary.
- 26243 \*VOROSHILOV, V. N. Zametki po sistematike vidov akonita flory SSSR (Notes on the systematics of Aconites species of the flora of USSR). Bot. Zhur. S. S. S. R. (J. Bot. de l'U. R. S. S.) 30: 125-143. 1945. 451 R923 English summary.
- 26244 WHERRY, E. T. Supplementary notes on the genus *Polemonium*. Amer. Midland Nat. 34: 375-380. Sept. 1945. 410 M58 Includes *P. nevadense* n. sp.
- 26245 WHERRY, E. T. Two linanthoid genera [Lep-todactylon and Linanthastrum]. Amer. Midland Nat. 34: 381-387. Sept. 1945. 410 M58
- 26246 WHITEHOUSE, E. Annual *Phlox* species. Amer. Midland Nat. 34: 388-401. Sept. 1945. 410 M58

#### Pteridophytes

- 26247 BENEDICT, R. C. Problems and objectives in the study of fern hybrids. Amer. Fern J. 35: 65-74. July/Sept. 1945. 450 Am35
- 26248 PHILLIPS, W. S. Some notes on Arizona ferns. Amer. Fern J. 35: 90-91. July/Sept. 1945. 450 Am35
- 26249 REED, C. F. Some nomenclatural changes in the genus *Isoetes*. Amer. Fern J. 35: 77-86. July/Sept. 1945. 450 Am35
- 26250 ST. JOHN, H. Valid names in the Gleicheniaceae: Pacific Plant studies No. 4. Amer. Fern J. 35: 87-89. July/Sept. 1945. 450 Am35
- 26251 WAGNER, W. H., JR. Ferns on Pacific Island coconut trees. Amer. Fern J. 35: 74-76. July/Sept. 1945. 450 Am35
- 26252 WEATHERBY, C. A. Northwestern limits of *Cystopteris fragilis* var. *laurentiana*. Amer. Fern J. 35: 93. July/Sept. 1945. 450 Am35
- 26253 WHERRY, E. T. Notes on Illinois pteridophytes. Amer. Fern J. 35: 92. July/Sept. 1945. 450 Am35

#### Bryophytes

- 26254 BARROS, G. J. R. DE. Briófitos da Serra do Gerez. Soc. Broteriana B. (ser. 2) 19: 247-260. 1944. 451 C66
- 26255 BARROS, G. J. R. DE. Contribuição para o conhecimento da área de dispersão dos briófitos de Portugal. Soc. Broteriana B. (ser. 2) 19: 243-245. 1944. 451 C66
- 26256 FREITAS, S. DE. A flora hepaticológica de Portugal. Soc. Broteriana B. (ser. 2) 19: 233-241. 1944. 451 C66
- 26257 \*GIACOMINI, V. Caratteri ed affinità della flora briologica nell'Africa Mediterranea. Nuovo Gior. Bot. Ital. (n. s.) 47: 624-648. 1940. Ref. 450 N92

- 26258 HERZOG, T. Eine kleine lebermoos-sammlung aus Chile. Göteborg. Bot. Trädgård. Meddel. (1942/44) 15: 157-162. 1944. 451 G712

- 26259 \*LAZARENKO, A. S. Nemoral'nyi element brioflory sovetskogo Dal'nego Vostoka (L'element némorale de la brioflore de l'Extrême Orient soviétique). Sovet. Bot., No. 6, p. 43-55. 1944. 450 So8

- 26260 LUISIER, A. Les mousses de l'archipel de Madère et en général des îles Atlantiques. Brotéria 14: 78-94, 112-127. May, Aug. 1945. 410 B79C

#### Algae

- 26261 \*DAWSON, E. Y. Marine algae associated with upwelling along the northwestern coast of Baja California, Mexico. South. Calif. Acad. Sci. B. 44: 57-71, incl. pl. 20-22. May/Aug. 1945. 500 So8
- 26262 LEVRING, T. Einige rhodophyceen von Chile. Göteborg. Bot. Trädgård. Meddel. (1942/44) 15: 181-186. 1944. Ref. 451 G712
- 26263 \*LEVRING, T. Meeresalgen von Singapore und Celebes. Göteborg. Bot. Trädgård. Meddel. (1942/44) 15: 175-179. 1944. 451 G712
- 26264 \*MARCHESONI, V. Primo saggio di ricerche sul fitoplancton di alcuni laghi dell'Umbria, Abruzzo e Campania. Nuovo Gior. Bot. Ital. (n. s.) 47: 539-558. 1940. 450 N92
- 26265 \*MINIO, M. La raccolta Vatova-Schiffner delle alghe della Laguna, al Museo Civico di Storia Naturale di Venezia. Nuovo Gior. Bot. Ital. (n. s.) 48: 653-656. 1941, pub. Jan. 31, 1942. 450 N92
- 26266 PHINNEY, H. K. Notes on *Cladophora*. Amer. Midland Nat. 34: 445. Sept. 1945. 410 M58
- 26267 \*RAMPI, L. Diatomee del Mare Adriatico. Nuovo Gior. Bot. Ital. (n. s.) 47: 599-608. 1940. 450 N92
- 26268 \*RAMPI, L. Diatomee e crisostomataceae dell'Isola di Rodi. Nuovo Gior. Bot. Ital. 47: 573-578. 1940. 450 N92
- 26269 SAMPAIO, J. Sinopse das desmídias conhecidas na flora portuguesa. Brotéria 14: 128-148. May 1945. 410 B79C
- 26270 \*WURTZ, A. Remarques sur une pleurococcacée: *Apatococcus vulgaris* Brand. Soc. Bot. de France. B. 91: 185-190. Oct./Nov. 1944. 451 F84B

#### Fungi (Including Lichens)

- 26271 \*BALDACCI, E. Concetto e definizioni delle spore degli attinomiceti. Nuovo Gior. Bot. Ital. (n. s.) 48: 677-680. 1941, pub. Jan. 31, 1942. Ref. 450 N92
- 26272 BARTSCH, A. F. The significance of zygospore character in *Polyphagus euglenae*. Mycologia 37: 553-570. Sept./Oct. 1945. Ref. 450 M99
- 26273 CARVAJAL, F. The relation between *Vermicularia graminicola* West. reported on sugarcane and *Physalospora tucumanensis* Speg. Mycologia 37: 637-638. Sept./Oct. 1945. 450 M99
- 26274 \*CASTELLANI, E. Sulla presenza di teleutoconidi pluricellulari in *Puccinia canaliculata* (Schw.) Lagerh. Nuovo Gior. Bot. Ital. (n. s.) 48: 658-661. 1941, pub. Jan. 31, 1942. 450 N92
- 26275 COOK, M. T. Species of *Synchytrium* in Louisiana II. Mycologia 37: 571-575. Sept./Oct. 1945. 450 M99
- 26276 COUCH, J. N. Revision of the genus *Coelomomyces*, parasitic in insect larvae. Elisha Mitchell Soc. J. 61: 124-136. Aug. 1945. 500 EL4 New family *Coelomomycetaceae* established for *Coelomomyces* Keilin, emend., including five new species.
- 26277 CUMMINS, G. B. Additions to the Uredinales reported for Peru. Mycologia 37: 609-618. Sept./Oct. 1945. 450 M99 Includes 5 n. spp. in: *Aecidium*; *Puccinia* 3; *Uredo*.



- 26278 DEIGHTON, F. C. West African Meliolineae. I. Meliolineae on Malvaceae and Tiliaceae [Meliola spp., including *M. varroniae* n. sp. from Puerto Rico]. Imp. Mycol. Inst. Mycol. Papers, No. 9, 24 p. Kew, Eng., 1944. Ref. 451 Im73M
- 26279 HILDEBRAND, A. A., MILLER, J. J., and KOCH, L. W. Some studies on *Macrophomina phaseoli* (Maubl.) Ashby in Ontario. Sci. Agr. 25: 690-706. July 1945. 7 Sci2
- 26280 LONG, W. H. Studies in the Gasteromycetes XI. The genera *Trichaster* and *Terrostella*. Mycologia 37: 601-608. Sept./Oct. 1945. 450 M99
- 26281 LOPES, J. P. *Lysurus sulcatus* (Cke. et Massee) Cunn. e a ordem das Phallales em Portugal. Soc. Broteriana B. (ser. 2) 19: 125-162. 1944. 451 C66
- 26282 MAGNUSSON, A. H. En fyndplats för lavar på ovaliga substrat. Göteborg. Bot. Trädgård. Meddel. (1942/44) 15: 149-155. 1944. 451 G712  
English summary.  
Includes n. sp. *Thelidium corricola*.
- 26283 MARCHIONATTO, J. B. *Dihueñe* [Cytaria darwini] del Nire [Nothofagus antarctica]. Argentina. Min. de Agr. Almanaque (1945) 20: 336. 9 Ag874
- 26284 MARTIN, G. W. The classification of the Tremellales. Mycologia 37: 527-542. Sept./Oct. 1945. Ref. 450 M99
- 26285 MUNDKUR, B. B., and THIRUMALACHAR, M. J. Two new genera of rusts on Bignoniaceae. Mycologia 37: 619-628. Sept./Oct. 1945. 450 M99  
*Mehtamyces* and *Santapauella*.
- 26286 NARANJO V., P. El *Penicillium notatum* en el Ecuador. Ecuador. U. Cent. Inst. Bot. B. 3(5): 82-128. June 1945. 451 Ec9
- 26287 OLIVE, L. S. A new *Dacrymyces*-like parasite of *Arundinaria*. Mycologia 37: 543-552. Sept./Oct. 1945. 450 M99  
*Dicellomyces gloeosporus*, n. gen., n. sp.
- 26288 PADWICK, G. W., and KHAN, A. Notes on Indian fungi. II. Imp. Mycol. Inst. Mycol. Papers, No. 10, 17 p. Kew, Eng., 1944. 451 Im73M  
Includes 4 n. spp. in: *Ustilago*; *Urocystis*; *Puccinia* 2.
- 26289 RAPER, K. B., and ALEXANDER, D. F. Penicillin V. Mycological aspects of penicillin production. Elisha Mitchell Soc. J. 61: 74-113. Aug. 1945. Ref. 500 EL4
- 26290 RAYSS, T. Contribution à l'étude des deutéromycètes de Palestine. Palestine J. Bot. 3: 22-51. Nov. 1943. 450 P17  
Includes 2 n. spp.: *Septoria urticae pilluliferae*, *Cercospora judaica*.
- 26291 RODERICK, S., and JOHNSON, A. G. *Selenophoma* on grasses. II. Mycologia 37: 638-639. Sept./Oct. 1945. 450 M99  
Includes *Selenophoma obtusa* n. sp.
- 26292 SAMBO, M. C. *Classis lichenum clavis familiarum et generum*. Nuovo Gior. Bot. Ital. (n. s.) 48: 517-558. 1941, pub. Jan. 31, 1942. 450 N92
- 26293 \*SAMBO, M. C. *Fragmenta lichenologica III*. Nuovo Gior. Bot. Ital. (n. s.) 48: 495-516. 1941, pub. Jan. 31, 1942. 450 N92
- 26294 SARASOLA, A. A. Nuevas observaciones sobre la cancrrosis de los álamos. Rev. Argentina de Agron. 12: 115-119. June 1945. 9 R327  
English summary.  
*Mycosphaerella populorum* perfect stage of *Septoria musiva*.
- 26295 SORIANO, S. El nuevo orden *Flexobacteriales* y la clasificación de los órdenes de las bacterias. Rev. Argentina de Agron. 12: 120-140. June 1945. Ref. 9 R327  
English summary.
- 26296 STEVENSON, J. A., and IMLE, E. P. Periconia blight of Hevea. Mycologia 37: 576-581. Sept./Oct. 1945. 450 M99  
*P. heveae* n. sp.
- 26297 \*TAVARES, C. DAS N. Liqueenes da Serra da Estrêla (contribuição para o seu estudo). Brotéria 14: 49-61. May 1945. 410 B79C
- 26298 TAVARES, C. DAS N. Sobre algumas espécies dos géneros *Cladonia* e *Physcia*. Soc. Broteriana B. (ser. 2) 19: 181-199. 1944. 451 C66
- 26299 THIRUMALACHAR, M. J. Development of spore-forms and the nuclear cycle in the autoecious oopsis rust, *Cystospora oleae*. Bot. Gaz. 107: 74-86. Sept. 1945. 450 B652
- 26300 WATSON, W. Lichenological notes. X. J. Bot. [London] 80: 137-149. Aug. 1942, pub. July 1945. 450 J82
- 26301 ZELLER, S. M. A new name. Mycologia 37: 636. Sept./Oct. 1945. 450 M99  
*Longula*, based on *Longia texensis*.
- 26302 ZWIRN, H. E. Studies on *Leveillula taurica* (Lév.) Arn. Palestine J. Bot. 3: 52-53. Nov. 1943. 450 P17

## PATHOLOGY

## General

- 26303 BOZA BARDUCCI, T., GARCÍA RADA, G., and WILLE, J. Control of internal boll rot of the cotton plant, caused by insect punctures (*Dysdercus* sp.) through selection of resistant strains. Nature [London] 156: 235-236. Aug. 25, 1945. 472 N21
- 26304 \*BRANAS, J., BERMON, G., and LEVADOUX, L. Sur les dégâts du court-noué. Prog. Agr. et Vitic. 121: 198-201. June 18/25, 1944. 14 P94
- 26305 CARRERA, C. Tratamiento o cura de las semillas de los cereales. Campo [Buenos Aires] 29 (345): 28-29. July 1945. 9 C16
- 26306 DIMOCK, A. W. Disease control pointers for ornamental plants. Florists' Rev. 96(2495): 32. Sept. 20, 1945. 80 W41
- 26307 DOTY, R. E. Rat control on Hawaiian sugar cane plantations. Hawaiian Planters Rec. 49: 71-239. Second quart. 1945. 25 H311
- 26308 \*DUBAQUIÉ, J. Amélioration physico-chimique des bouillies viticoles. Acad. d'Agr. de France. Compt. Rend. 30: 203-205. Apr. 19/26, 1944. 14 P215Bc
- 26309 FLAIG, W. H. Chlorine injury to water-lilies. Horticulture 23: 439. Oct. 1, 1945. 80 H787
- 26310 FUELLEMAN, R. F. Hail damage to soybeans; report of 1943 results. Ill. State Acad. Sci. Trans. (1944) 37: 25-28. 500 IL6
- 26311 GRATZ, L. O. Pedigreed plants beat disease. Fla. Grower 53(10): 25, 28. Oct. 1945. 80 F6622
- Disease control by breeding resistant varieties.
- 26312 HOERNER, J. L. Rodent control means better ranges. Amer. Hereford J. 36(11): 82F, 94. Oct. 1, 1945. 43.8 Am32
- 26313 KIENHOLZ, J. R., and CHILDS, L. Fungi-cides in relation to scab and fruit russet of pear in the Hood River Valley, Oregon. Phytopathology 35: 714-722. Sept. 1945. Ref. 464.8 P56  
Experiments to control spray injury causing fruit russet.
- 26314 \*LANSADE. L'état sanitaire de la récolte de pommes de terre en 1943. Acad. d'Agr. de France. Compt. Rend. 29: 474-475. Nov. 10/17, 1943. 14 P215Bc
- 26315 LING, L., and LI, T. K. The fungicidal efficiency of ferrous sulphate and its application as a seed disinfectant of barley. Chinese J. Sci. Agr. 1: 126-132. Dec. 1943. 22.5 C448



- 26316 MARCHAL, E. Observations et recherches effectuées à la Station de Phytopathologie de l'Etat pendant l'année 1939. Inst. Agron. et des Stas. de Rech. de Gembloux. B. 9: 1-15. 1940. 10.51 G285 English summary.
- 26317 MELCHERT, H. Potatisbladmöglet holar. Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellans-averige 15(30): 11. July 28, 1945. 11 J762  
Chiefly on the control of potato mold by spraying.
- 26318 MILBRATH, J. A. The disease problems of special interest to seed potato growers. Oreg. Seed Growers League. Proc. (1945) 4: 49, 51. 61.9 Or3
- 26319 RÉGNIER, R. Le chancre suintant et les différents types de peupliers. Acad. d'Agr. de France. Compt. Rend. 29: 335-339. June 9/23, 1943. 14 P215Bc
- 26320 \*SAHA, J. C. Diseases of rice and methods for their control. Sci. and Cult. 11: 13-20, 69-74. July, Aug. 1945. Ref. 475 Sci24
- 26321 STANFORD, E. E. Plant diseases that have made history. Nature Mag. 38: 405-408, 440. Oct. 1945. 409.6 N214  
Past and present need for plant disease control.
- 26322 STOUT, G. L. Report on a statewide survey for quick decline of orange trees in California. Calif. Dept. Agr. B. 34: 108-115. July/Sept. 1945. 2 C12M
- 26323 \*TESCHNER, C. Der pflanzenschutz im wandel der Jahrhunderte. Deut. Gart. 59: 41-42. June 1944. 80 P883
- 26324 WOGLUM, R. S. Present use of copper sprays on citrus. Calif. Citrog. 30: 376. Oct. 1945. 80 C125
- 26325 YOUNG, J. E. A simplified laboratory method of testing the toxicity of fungicides. Ill. State Acad. Sci. Trans. (1944) 37: 59-62. 500 IL6
- Diseases Caused by Fungi
- 26326 ARANO, R. E. El "carbón" de la caña de azúcar. Argentina. Min. de Agr. Almanaque (1945) 20: 239-240. 9 Ag874
- 26327 BAIN, D. C. The sooty stripe disease [Titaespora andropogonis] of sorghum. Phytopathology 35: 738-739. Sept. 1945. 464.8 P56
- 26328 \*BANERJEE, S., and BAKSHI, B. K. Studies in the biology of wood-rotting fungi of Bengal. Indian Bot. Soc. J. 24: 73-93. May 1945. 450 J821
- 26329 BERTELLI, J. C. Los setos de transparentes están siendo atacados por una enfermedad. Uruguay. Min. de Ganad. y Agr. B. Inform. 78: 269. June 28, 1945. 9.9 G15B  
Sclerotium rolfsii on hedges.
- 26330 CARVAJAL, F. Phoma terrestris on sugar-cane roots in Louisiana. Phytopathology 35: 744. Sept. 1945. 464.8 P56
- 26331 CHAMBERLAIN, G. C. An appraisal of spray materials for the control of apple scab in Ontario. Sci. Agr. 25: 680-689. July 1945. 7 Sci2
- 26332 CORKILL, L., and ROSE, R. E. Observations on susceptibility of perennial rye-grass to blind-seed disease. New Zeal. J. Sci. and Technol. Sect. A, Agr. 27: 14-18. June 1945. 514 N48A
- 26333 DAVIDSON, R. S. Digging precautions cut storage rot. R. I. State Col. Ext. Better Rural Life 6(9): 1. Sept. 1945. 275.29 R34B  
Potato late blight.
- 26334 DEMARE, J. B. Rhizoctonia bud rot of strawberry plants. Phytopathology 35: 710-713. Sept. 1945. 464.8 P56  
Caused by Rhizoctonia solani.
- 26335 \*DESIKACHARY, T. V. Note on the reactions of Gloeotrichia raciborskii Wolosz., to a parasitic attack. Cur. Sci. 14: 207-208. Aug. 1945. 475 Sci23
- 26336 DESLANDES, J. A. Sobre a queima do algodoeiro no nordeste. B. Fitosanit. 1: 3-18. Mar. 1944. 464.9 B732  
Wilt disease in Brazil caused by Fusarium vasinfectum.
- 26337 \*DUBAQUIE, ABBE. Essais de traitement contre le mildiou par l'ammoniaque de cuivre, bordeaux 1941. Acad. d'Agr. de France. Compt. Rend. 27: 900-902. Oct. 15/22, 1941. 14 P215Bc
- 26338 FAGUNDES, N. B. Cancro da batata (Synchytrium endobioticum (Schilb.) Perc.). B. Fitosanit. 1: 37-41. Mar. 1944. 464.9 B732
- 26339 \*FLANZY, M. L'oidium en 1943 et la défense du vignoble. Acad. d'Agr. de France. Compt. Rend. 30: 205-208. Apr. 19/26, 1944. 14 P215Bc
- 26340 FLETCHER, D. G. Losses from grain rust low in spring wheat areas; report on field trip. Natl. Grain J. 29(10): 6, 28. Sept. 1945. 293.8 C83
- 26341 \*FOEX, E. La lutte contre le mildiou Phytophthora infestans (Mont.) de Bary de la pomme de terre. Acad. d'Agr. de France. Compt. Rend. 27: 219-229. Feb. 19/26, 1941. 14 P215
- 26342 GHERSON, L. A disease of Fragaria caused by Fusarium orthoceras. Palestine J. Bot. 3: 54-55. Nov. 1943. 450 P17
- 26343 GOULD, C. J., JR. The parasitism of Glomerularia loniceræ (Pk.) D. and H. in Lonicera species. Iowa State Col. J. Sci. 19: 300-331. July 1945. Ref. 470 Ico9  
Herpobasidium deformans n. sp., perfect stage of Glomerularia loniceræ.
- 26344 GUBA, E. F. Inactivating apple scab. Mass. State Col. Ext. Fruit Notes, Aug. 31, 1945, p. 9-10, processed. 275.29 M381Fr  
Comparison of effect of six fungicides.
- 26345 HAGEN, C. This farm grows smut so yours won't. Oreg. Farmer 68: 479, 496, 506. Sept. 20, 1945. 6 Or32  
Tests at Washington Agricultural Experiment Station of varieties of wheat and oats for resistance to smut.
- 26346 HARDISON, J. R. Blind seed disease and plans for control. Oreg. Seed Growers League. Proc. (1945) 4: 15, 17, 19-20. 61.9 Or5  
Phialea temulenta on ryegrass.
- 26347 KOTILA, J. E. Cotton-leaf-spot Rhizoctonia and its perfect stage on sugar beets. Phytopathology 35: 741-743. Sept. 1945. 464.8 P56
- 26348 KOTILA, J. E. Rhizoctonia [R. solani] foliage disease of Hevea brasiliensis. Phytopathology 35: 739-741. Sept. 1945. 464.8 P56
- 26349 \*LAFON, R. Comment combattre l'oidium sans soufre ni permanganate. Acad. d'Agr. de France. Compt. Rend. 30: 215-220. May 3, 1944. 14 P215Bc  
Powdery mildew of grape.
- 26350 LEAKE, H. M. "Carbon" disease [Ustilago scitaminea]. Some further facts from the Argentine. Internatl. Sugar J. 47: 235-236. Sept. 1945. 65.8 In8
- 26351 \*LUTZ, L. Sur la maladie du plomb [Sterium purpureum], des arbres fruitiers et la théorie de Brooks. Acad. d'Agr. de France. Compt. Rend. 30: 90-92. Feb. 9/16, 1944. 14 P215Bc
- 26352 McMARTIN, A. Fungicide experiments on cane planted under wet conditions. So. African Sugar J. 29: 279. July 1945. 65.8 So8
- 26353 MARSAIS, P. Comment peut-on comprendre la carence du mildiou. Off. Internatl. du Vin. B. 18: 31-34. Jan./Apr. 1945. 390.8 B87  
Effect of weather on downy mildew of grape.
- 26354 \*MARTINEZ, J. B. El estado actual del problema de la grafiosis del olmo. Montes 1: 48-56. Mar./Apr. 1945. 99.8 M763
- 26355 P., H. Were your gooseberries mildewed? Pop. Gard. 47: 242. Sept. 29, 1945. 80 G1622



26356 PERRET, J. Recrudescence de la carie du blé. Terre Maroc. 15(189): 10-13. Aug. 1945.

24 T44

Smut of wheat.

26357 RAY, C., JR. Anthracnose resistance in flax. Phytopathology 35: 688-694. Sept. 1945. Ref. 464.8 P56

26358 ROSE, R. E. A technique for the artificial inoculation of perennial rye-grass by the blind-seed organism. New Zeal. J. Sci. and Technol. Sect. A, Agr. 27: 18-22. June 1945. 514 N48A

26359 SCHAEFER, E. E. Fungus diseases in deciduous orchards. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 138, 2 p. Pretoria, 1945. 24 So82Pa

26360 SLEETH, B., and LORENZ, R. C. Strumella [S. coryneoides], canker of oak. Phytopathology 35: 671-674. Sept. 1945. 464.8 P56

26361 TANTALEAN, C. Resumen histórico del origen de los híbridos de trigo resistentes a las royas en Concepcion. Peru. Dir. Gen. de Agr. B. 17: 141-145. 1944. 9.8 P43B

26362 TAYLOR, G. G. Bordeaux mixture, copper oxychloride, and copper oxide sprays for control of late-blight (Phytophthora infestans) of tomatoes. New Zeal. J. Sci. and Technol. Sect. A, Agr. 27: 9-13. June 1945. 514 N48A

26363 TAYLOR, G. G. Trials with bordeaux mixture, copper oxychloride, and copper oxide sprays for control of late-blight (Phytophthora infestans) of potatoes. New Zeal. J. Sci. and Technol. Sect. A, Agr. 27: 4-8. June 1945. 514 N48A

26364 \*TRIEBELS, H. Beobachtungen über die braunfleckenkrankheit [Cladosporium fulvum] der tomaten. Blumen-u. Pflanzenbau ver. mit Gartenwelt 48: 149. June 23, 1944.

26365 TYLER, L. J., and PARKER, K. G. Factors affecting the saprogenic activities of the Dutch elm disease pathogen. Phytopathology 35: 675-687. Sept. 1945. Ref. 464.8 P56

26366 WELCH, A. Pythium [P. debaryanum], root necrosis of oats. Iowa State Col. J. Sci. 19: 361-399. July 1945. Ref. 470 Io9

26367 WILKINSON, R. E., and KENT, G. C. Some factors determining the infection of corn by Ustilago zeae (Beckm.) Unger. Iowa State Col. J. Sci. 19: 401-413. July 1945. Ref. 470 Io9

26368 YU, T. F. Reaction of improved millet varieties to infection with downy mildew (Sclerospora graminicola Schroet). Chinese J. Sci. Agr. 1: 199-203. Mar. 1944. 22.5 C448

#### Diseases Caused by Bacteria

26369 BURKHOLDER, W. H. The longevity of the pathogen [Corynebacterium flaccumfaciens] causing the wilt of the common bean. Phytopathology 35: 743-744. Sept. 1945. 464.8 P56

26370 FENNE, S. B. Granville wilt of tobacco. South. Planter 106(10): 10. Oct. 1945. 6 So89

26371 REID, W. D., and BRIEN, R. M. Control of grease-spot [Phytophthora passiflorae] of passion-vine. New Zeal. J. Sci. and Technol. Sect. A, Agr. 27: 1-3. June 1945. 514 N48A

26372 WALDEE, E. L. Comparative studies of some peritrichous phytopathogenic bacteria. Iowa State Col. J. Sci. 19: 435-484. July 1945. Ref. 470 Io9

#### Viruses and Virus Diseases

26373 ABBOTT, E. V. The relation of the occurrence of foliage symptoms of chlorotic streak of sugar cane to the distribution of the virus in the plant. Phytopathology 35: 723-736. Sept. 1945. 464.8 P56

26374 CAIRASCHI, E. A. Remarques sur l'isolement sanitaire pratiqué dans les cultures de pommes de terre sélectionnées. Acad. d'Agr. de France. Compt. Rend. 29: 95-97. Feb. 3/10, 1943. 14 P215Bc  
Prevention of degeneration of potato.

26375 CRANE, M. B. The mystery of Lord Lambourne [apple]. Grower 22(53): 10-12. Dec. 30, 1944. 286.83 M34

Virus diseases of apple, called "rubbery wood" and "chat" fruit.

26376 D'OLIVEIRA, M. DE L., and BORGES, M. DE L. Estudo dos virus das crucíferas. II. Estirpes isoladas de Matthiola incana (L.) R. Br. Soc. Broteriana B. (ser. 2) 19: 265-272. 1944. 451 C66

26377 DOOLITTLE, S. P., and HARTER, L. L. A graft-transmissible virus of sweet potato. Phytopathology 35: 695-704. Sept. 1945. Ref. 464.8 P56

To be known as feathery mottle, the virus, Flavimacula ipomeae n. sp.

26378 FORBES, I. L., and MILLS, P. J. Movement of mosaic virus through sugar-cane seed pieces. Phytopathology 35: 705-709. Sept. 1945. 464.8 P56

26379 HILDEBRAND, E. M. Viruses and cherry rootstocks. Amer. Nurseryman 82(7): 5-8, 18-21. Oct. 1, 1945. 80 Am371

26380 JOHNSON, F. The effect of chemical soil treatments on the development of wheat mosaic. Ohio J. Sci. 45: 125-128. July 1945. 410 Oh3

26381 MOORE, P. Chemical treatment of scaly bark [psorosis of citrus]. Calif. Citrog. 30: 375. Oct. 1945. 80 Cl25

26382 SEVERIN, H. H. P. Virus diseases of guayule. Phytopathology 35: 737-738. Sept. 1945. 464.8 P56

26383 \*UPPAL, B. N., VERMA, P. M., and CAPOOR, S. P. A mosaic disease of cardamon. Cur. Sci. 14: 208-209. Aug. 1945. 475 Sci23

Includes experiments on insect transmission.

#### Diseases Caused by Nematodes

26384 \*BOHMIG, F. Wurzelälchen auch an gurken und tomaten. Blumen-u. Pflanzenbau ver. mit Gartenwelt 48: 148-149. June 23, 1944. 80 Gl96

26385 ELLENBY, C. Susceptibility of South American tuber-forming species of Solanum to the potato-root eelworm Heterodera rostochiensis Wollenweber. Empire J. Expt. Agr. 13: 158-168. July 1945. 10 Em7

#### ECOLOGY

26386 \*ALIA POUS, J. Observaciones fenológicas en España. Agr. Levantino 11(125): 16-17. Apr. 1945. 15 Ag85

26387 BROWN, E. The circle of nature. Gard. Chron. 118: 141. Sept. 29, 1945. 80 Gl62

Struggle for survival among plants in the Tropics.

26388 BUELL, M. F., and GORDON, W. E. Hardwood-conifer forest contact zone in Itasca Park, Minnesota. Amer. Midland Nat. 34: 433-439. Sept. 1945. 410 M58

26389 DANSEREAU, P. Essai de corrélation sociologique entre les plantes supérieures et les poissons de la beine du lac Saint-Louis. Rev. Canad. de Biol. 4: 369-417. 1945. 442.8 R325

26390 FULLER, G. D. Notes on some plants that are rare in Illinois. Ill. State Acad. Sci. Trans. (1944) 37: 57-58. 500 IL6

An ecological study.

26391 HUMPHREY, R. R. Some fundamentals of the classification of range condition. J. Forestry 43: 646-647. Sept. 1945. 99.8 F768

26392 \*IGOSHINA, K. N. Rastitel'nost' Srednego Urala (La végétation de l'Oural moyen). Sovet. Bot., No. 6, p. 76-80. 1944. 450 So8

26393 \*MINIO, M. Le osservazioni fitofenologiche della rete italiana nel 1936 (annata XV). Nuovo Gior. Bot. Ital. (n. s.) 48: 631-647. 1941, pub. Jan. 31, 1942. 450 N92

26394 MOYLE, J. B. Some chemical factors influencing the distribution of aquatic plants in Minnesota. Amer. Midland Nat. 34: 402-420. Sept. 1945. 410 M58



26395 \*PICHI-SERMOLLI, R. Osservazioni sulla vegetazione del versante occidentale dell'altipiano Etiopico. *Nuovo Gior. Bot. Ital.* (n. s.) 47: 609-623. 1940. 450 N92

26396 SCHMUCKER, T. Blütenbiologie, symbiosen u. a. *Fortschr. der Bot.* 10: 308-315. 1941. 450 F772

26397 SOCHAVA, V. B. Fratriae of the plant formations of the USSR and their phylogenesis. *Acad. des Sci. de l'U. R. S. S. Compt. Rend.* 47: 57-60. Apr. 10, 1945. 511 P444

26398 SOLOV'eva, N. Vliianie mikrorel'efa na urozhai i kachestvo zerna pshenitsy (The effect of microrelief on yield and quality of wheat). *Vsesoizn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina Dok.* 10(3): 37-40. 1945. 20 Akl

26399 \*WALTER, H. Ökologische pflanzengeographie. *Fortschr. der Bot.* 10: 229-245. 1941. 450 F772

26400 WEST, O. Distribution of mangroves in the eastern Cape Province. *So. African J. Sci.* 41: 238-242. Feb. 1945. 515 So84

26401 \*ZENARI, S. La vegetazione del Comelico (Alto Cadore). Ricerche sulla distribuzione altimetrica. *Nuovo Gior. Bot. Ital.* (n. s.) 48: 1-388. 1941. 450 N92

26402 \*ZIMMERMANN, A. La disparition de la flore paludéenne genevoise. *Rev. Hort. Suisse* 18: 52-54. Mar. 1945. 80 R3212

#### MORPHOLOGY, ANATOMY, AND CYTOLOGY

26403 \*ALEKSANDROV, V. G., ALEKSANDROVA, O. G., and IAKOVLEV, M. S. O kharakternykh chertakh morfologii ploda zlakov tipa maisa (*Zea mays* L.) (Sur les traits caractéristiques de la morphologie des fruits des graminées du type du maïs (*Zea mays* L.)). *Sovet. Bot.*, No. 6, p. 63-75. 1944. 450 So8

26404 BAKER, G. E. Conidium formation in species of *Aspergillus*. *Mycologia* 37: 582-600. Sept./Oct. 1945. Ref. 450 M99

26405 \*BALDRATI, I. Sul *Solanum muricatum* Ait. *Nuovo Gior. Bot. Ital.* (n. s.) 48: 661-665. 1941, pub. Jan. 31, 1942. 450 N92

A morphological study.

26406 \*BATTAGLIA, E. Contributo all'embriologia delle Tamaricaceae. *Nuovo Gior. Bot. Ital.* (n. s.) 48: 575-612. 1941, pub. Jan. 31, 1942. 450 N92

26407 BATTIATO, C. Casi di sinantia in *Citrus limonum* L. var. "Monachello" ed in *Citrus aurantium* Risso var. "Washington Navel." *Nuovo Gior. Bot. Ital.* (n. s.) 48: 656-657. 1941, pub. Jan. 31, 1942. 450 N92

26408 \*BATTIATO, C. Diafisi frondo-floripara e fillodia della corolla in *Pirus communis* L. *Nuovo Gior. Bot. Ital.* (n. s.) 48: 421-423. 1941. 450 N92

26409 CÂMARA, A. Um estudo citológico dos trigos *durum* portugueses. *Soc. Broteriana B.* (ser. 2) 19: 273-287. 1944. 451 C66

26410 \*CAPPELLINI, A. Ricerche sulla istologia del legno secondario delle gymnospermae. IV. Studio istologico del legno secondario di *Picea excelsa* (Lam.) Link. *Nuovo Gior. Bot. Ital.* (n. s.) 47: 698-701. 1940, pub. Apr. 30, 1941. 450 N92

26411 \*CHADEFAUD, M. Les mitochondries des euglènes. *Soc. Bot. de France B.* 91: 174-176. Oct./Nov. 1944. 451 F84B

26412 \*CHATURVEDI, S. B. The nature of the inferior ovary in *Amaryllidaceae*. *Cur. Sci.* 14: 207. Aug. 1945. 475 Sci23

26413 \*CORNIL, L., POURSINES, Y., and OLLIVIER, H. Modifications de la structure des noyaux et des cinèses obtenues par le venin d'abeille sur les cellules méristématiques de la racine de blé. *Soc. de Biol. [Paris] Compt. Rend.* 138: 623-624. Aug. 1944. 442.9 P21

26414 \*CRÉTÉ, P. Recherches anatomiques sur la séminogénèse de *l'Actinidia chinensis* Planch.; affinités des actinidiacées. *Soc. Bot. de France B.* 91: 153-160. Oct./Nov. 1944. 451 F84B

26415 \*CUGNAC, A. DE. Sur la transformation expérimentale d'une espèce monotype [*Bromus arduennensis*] en espèce polymorphe. *Soc. de Biol. [Paris] Compt. Rend.* 138: 845-847. Nov. 1944. 442.9 P21

26416 \*GEITLER, L. Morphologie und entwicklungsgeschichte der zelle. *Fortschr. der Bot.* 1-17. 1941. Ref. 450 F772

26417 \*GUEA, M. P. On the occurrence of a mixed inflorescence in *Artocarpus integrifolia*, Linn. *Sci. and Cult.* 11: 99-100. Aug. 1945. 475 Sci24

26418 HESS, K., WERGIN, W., and KIESSIG, H. Sur frage des aufbaues der primärwand der baumwollhaare. *Planta* 33: 151-160. July 22, 1942. 450 P693

26419 HOFMEYER, J. D. J. Further studies of tetraploidy in *Carica papaya*, L. *So. African J. Sci.* 41: 225-230. Feb. 1945. 515 So84

26420 \*KARTASHOVA, N. N. On the treatment of vegetable cells with colchicine. *Acad. des Sci. de l'U. R. S. S. Compt. Rend.* 46: 372-374. Mar. 30, 1945. 511 P444

26421 LI, C. H., and LI, H. W. Cytological studies of a haploid wheat plant. *Chinese J. Sci. Agr.* 1: 183-189. Mar. 1944. 22.5 C448

26422 LI, C. H., and LI, H. W. Supernumerary chromosomes in pearl millet (*Pennisetum typhoides* Rich.). *Chinese J. Sci. Agr.* 1: 139-142. Dec. 1943. 22.5 C448

26423 \*MAZZEO, M. Alcune osservazioni sulla divisione delle cellule spermatogene in *Mnium undulatum* Hedw. *Nuovo Gior. Bot. Ital.* (n. s.) 48: 613-630. 1941, pub. Jan. 31, 1942. 450 N92

26424 \*MESSERI, A. Ricerche sulla istologia del legno secondario delle gymnospermae. II.- Studio istologico del legno secondario di *Araucaria cunninghamii* Sweet., *Juniperus phoenicea* L., *Taxodium distichum* (L.) Rich. *Nuovo Gior. Bot. Ital.* (n. s.) 47: 675-688. 1940, pub. Apr. 30, 1941. 450 N92

26425 MINOR, W. C. Queer quakers; on Piñon Mesa in western Colorado, the aspen forest shows its freaks. *Amer. Forests* 51: 438-439, 461. Sept. 1945. 99.8 F762

26426 \*MITRA, J. N. On the development of the female gametophyte in *Hydrolea zeylanica* Vahl. *Cur. Sci.* 14: 206. Aug. 1945. 475 Sci23

26427 NATIVIDADE, J. V. Um tipo anômalo de periderme lenticular em raízes de *Quercus suber* L. *Soc. Broteriana B.* (ser. 2) 19: 311-322. 1944. 451 C66

26428 \*NEGODI, G. Giganti stabili, non poliploidi, in "*Plantago major*" L. *Nuovo Gior. Bot. Ital.* (n. s.) 48: 396-403. 1941. 450 N92

26429 \*NORMAND, D. Dissociation des éléments histologique du bois. *Soc. Bot. de France B.* 91: 180-182. Oct./Nov. 1944. 451 F84B

26430 ORR, M. Y. The leaf anatomy of *Podocarpus*. *Bot. Soc. Edinb. Trans. and Proc.* 34: 1-54. 1944. 451 Ed41

26431 PECCIARINI, A. M. Ricerche sulla istologia del legno secondario delle gymnospermae. II. Studio istologico del legno secondario di *Ginkgo biloba* L. *Nuovo Gior. Bot. Ital.* (n. s.) 47: 689-692. 1940, pub. Apr. 30, 1941. 450 N92

26432 \*PUCCINI, G. Anomalia di sviluppo nella foglia di *Arum italicum* Mill. *Nuovo Gior. Bot. Ital.* (n. s.) 48: 426-428. 1941. 450 N92

26433 QUINTANILHA, A. La conduite sexuelle de quelques espèces d'agaricacées. *Soc. Broteriana B.* (ser. 2) 19: 27-65. 1944. 451 C66

26434 ROSEN, W. The embryo-sac of *Rudbeckia*. *Göteborg. Bot. Trädgård. Meddel.* (1942/44) 15: 267-273. 1944. 451 G712



26435 \*SCHNEIDER, K. Ursachen von verklebung im flockenbast und anatomische grundlagen einer pektinengewinnung aus hanf und flachs. Faserforschung 16: 108-120. 1944. 73.8 F26

26436 SMITH, E. C. Anther color in willows. Amer. Midland Nat. 34: 440-444. Sept. 1945. 410 M58

26437 \*STRAUB, J. Zytogenetik; polyploidy; chromosom und gen. Fortschr. der Bot. 10: 246-259. 1941. Ref. 450 F772

26438 \*TOBLER, F. Der lindenbast, seine herstellung und verwendung. Faserforschung 16: 93-95. 1943. 73.8 F26

26439 \*TOBLER, F., and ULBRICHT, E. Weitere versuche der herstellung von lindenbast. Faserforschung 16: 131-132. 1944. 73.8 F26

26440 TROCCHI, F. Ricerche sulla istologia del legno secondario delle gymnospermae. III. Studio istologico del legno secondario di Juniperus excelsa M. B. Nuovo Gior. Bot. Ital. (n. s.) 47: 693-697. 1940, pub. Apr. 1941. 450 N92

26441 TUKEY, H. B., HAMNER, C. L., and IMHOFF, B. Histological changes in bindweed and sow thistle following applications of 2, 4-dichlorophenoxyacetic acid in herbicidal concentrations. Bot. Gaz. 107: 62-73. Sept. 1945. 450 B652

26442 \*ULBRICHT, H. Anatomische untersuchungen an malvaceenfasern im hinblick auf ihre bedeutung für die sackfasererzeugung. Faserforschung 16: 49-81. 1943. 73.8 F26

26443 \*UNRUH, M. Blattnervatur und karpellnervatur. Kleiner beitrag zur morphologischen deutung des karpells. Beitr. z. Biol. der Pflanz. 27: 232-241. 1941, pub. Dec. 1, 1940. 450 C66

26444 \*VENKATESWARLU, J. Embryological studies in the Thymelaeaceae. I. Indian Bot. Soc. J. 24: 45-66. May 1945. 450 J821  
Thymelaea arvensis.

26445 \*VIGNOLO LUTATI, F. Sulla morfologia fogliare di presunti ibridi di Populus. Nuovo Gior. Bot. Ital. (n. s.) 47: 705. 1940, pub. Apr. 30, 1941. 450 N92

26446 \*WINKLER, H. Verstehen wir das gynözeum der angiospermen schon? Beitr. z. Biol. der Pflanz. 27: 242-267. 1941, pub. Dec. 1, 1940. 450 C66

## GENETICS

26447 CHIN, T. C. The inheritance of some quantitative characters in the interspecific crosses of wheat. Chinese J. Sci. Agr. 1: 204-218. Mar. 1944. 22.5 C448

26448 CRESCINI, F. Intorno alla genesi di nuove forme vegetali coltivate. Nuovo Gior. Bot. Ital. (n. s.) 48: 415-417. 1941. 450 N92

26449 GERSTEL, D. U. Inheritance in Nicotiana tabacum. XIX. Genetics 30: 448-454. Sept. 1945. 442.8 G28

26450 KNIGHT, R. L. The theory and application of the backcross technique in cotton breeding. J. Genet. 47: 76-86. July 1945. Ref. 442.8 J823

26451 LEA, D. E., and CATCHESIDE, D. G. The bearing of radiation experiments on the size of the gene. J. Genet. 47: 41-50. July 1945. Ref. 442.8 J823

26452 \*NEGODI, G. L'assetto genetico della var. alsinoides Neg. (n. var.) di Lychnis coeli-rosa L. albiflora. Nuovo Gior. Bot. Ital. (n. s.) 48: 389-395. 1941. 450 N92

26453 PAO, W. K., and LI, H. W. Maternal inheritance of variegation in common wheat. Chinese J. Sci. Agr. 1: 166-172. Mar. 1944. 22.5 C448

26454 RICHEY, F. D. Isolating better foundation inbreds for use in corn hybrids. Genetics 30: 455-471. Sept. 1945. 442.8 G28

26455 RIFE, D. C. A series of five multiple alleles. Ohio J. Sci. 45: 170-172. July 1945. 410 Oh3

Genetic studies of Coleus, V.

26456 RILEY, H. P. Inheritance of the main anthocyanin pigmentation and some of its patterns in flowers of Nemesia strumosa. Bot. Gaz. 107: 32-52. Sept. 1945. 450 B652

26457 SCHNACK, B., and CASTRONOVO, A. M. Genética de los pigmentos florales del alelí Mathiola incana. Rev. Argentina de Agron. 12: 103-114. June 1945. 9 R327

26458 SERRA, J. A. An attempt at a synthesis of the physiological and cytological concepts of the gene. Soc. Broteriana B. (ser. 2) 19: 327-369. 1944. 451 C66

26459 SKALINSKA, M. Cytogenetic studies in triploid hybrids of Aquilegia. J. Genet. 47: 87-111. July 1945. Ref. 442.8 J823

26460 \*VILMORIN, R. DE. La production expérimentale de plantes polyploïdes aux établissements Vilmorin à Verrières. Acad. d'Agr. de France. Compt. Rend. 29: 384-386. June 30/July 7, 1943. 14 P215Bc

## PHYSIOLOGY

26461 \*ARATA, M. I prodotti di demolizione dei nucleoproteidi quali stimolanti l'accrescimento della cellula vegetale. Nuovo Gior. Bot. Ital. (n. s.) 48: 559-574. 1941, pub. Jan. 31, 1942. Ref. 450 N92

26462 BAINES, R. C., and MARSHALL, W. G. Hastening the sprouting of Netted Gem and White Rose potatoes by treatment with ethylene chlorhydrin vapor. Calif. Dept. Agr. B. 34: 124-133. July/Sept. 1945. 2 C12M

26463 \*BALANSARD, J., and PELLISSIER, F. Action de l'alcool laurique sulfoné sur la germination et la croissance du blé. Soc. de Biol. [Paris] Compt. Rend. 138: 596-597. Aug. 1944. 442.9 F21

26464 \*BALANSARD, J., and PELLISSIER, F. L'action des saponines sur la croissance. Influence du traitement des semences sur les dernières phases de la végétation. Soc. de Biol. [Paris] Compt. Rend. 138: 622-623. Aug. 1944. 442.9 F21

Experiments with cereals.

26465 \*BALANSARD, J., and PELLISSIER, F. Action des variations quantitatives d'hétéroauxine sur la néoformation des bourgeons au cours du bouturage épiphyllé. Soc. de Biol. [Paris] Compt. Rend. 138: 595-596. Aug. 1944. 442.9 F21

26466 \*BHARGAVA, K. S. Physiological studies on some members of the family Saprolegniaceae. III. Nitrogen requirements. Indian Bot. Soc. J. 24: 67-72. May 1945. Ref. 450 J821

26467 BLACK, C. A. Effect of commercial fertilizers on the sex expression of hemp. Bot. Gaz. 107: 114-120. Sept. 1945. 450 B652

26468 \*BOBKO, E., and PANOVA, E. O vliianii povyshennykh doz medi na razvitie rastenii na torfiannykh pochvakh (The effect of increased copper doses on the development of plants on peat soils). Vsesoyuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina Dok. 10(3): 12-15. 1945. 20 Akl

26469 \*BOSIO, M. G. Ricerche sulla fecondazione intraovarica in Helleborus e Paeonia. Nuovo Gior. Bot. Ital. (n. s.) 47: 591-598. 1940. 450 N92

26470 BRUECKNER, A. E. Transpiration studies of some Natal midlands thornveld trees. So. African J. Sci. 41: 186-193. Feb. 1945. 515 So84

26471 BUNNING, E. Physikalisch-chemische Grundlagen der biologischen vorgänge. Fortschr. der Bot. 10: 136-153. 1941. 450 F772



- 26472 \*CAPUS, J. La réceptivité de la vigne à l'égard du mildiou. Acad. d'Agr. de France. Compt. Rend. 28: 396-398. Apr. 29/May 6, 1942. 14 P215Bc  
Environmental effect on incidence of downy mildew.
- 26473 CARLSON, M. C. Megasporeogenesis and development of the embryo sac of *Cypripedium parviflorum*. Bot. Gaz. 107: 107-114. Sept. 1945. 450 B652
- 26474 CHU, T. S. Chemical diagnosis of wheat foliage. Chinese J. Sci. Agr. 1: 159-165. Mar. 1944. 22.5 C448  
English summary.
- 26475 \*COIC, Y. Action de la fumure minérale sur les maladies de dégénérescence de la pomme de terre. Acad. d'Agr. de France. Compt. Rend. 29: 183-184. Mar. 31/Apr. 7, 1943. 14 P215Bc
- 26476 COLEMAN, R., and LEBEAU, F. J. The effect of borax and lime on quality of cauliflowers. Better Crops with Plant Food 29(7): 11, 48-49. Aug./Sept. 1945. 6 B46
- 26477 COLWELL, W. E., and BRADY, N. C. The effect of calcium on certain characteristics of peanut fruit. Amer. Soc. Agron. J. 37: 696-708. Sept. 1945. Ref. 4 Am34P
- 26478 \*CORNIL, L., POURSIDES, Y., and OLLIVIER, H. Action de la colchicine en solution aqueuse sur l'activité germinative des graines de blé. Soc. de Biol. [Paris] Compt. Rend. 138: 932-933. Nov. 1944. 442.9 P21
- 26479 \*CORNIL, L., POURSIDES, Y., and OLLIVIER, H. Sur les variations pathologiques, selon les doses, de la structure et de la division des noyaux au cours de l'intoxication colchicinique des cellules méristématiques de la racine de blé. Soc. de Biol. [Paris] Compt. Rend. 138: 642-643. Aug. 1944. 442.9 P21
- 26480 COSENTINO, J. A. Algunas relaciones de las plantas con la atmósfera. Vinos, Viñas y Frutas 41: 17-18. July 1945. 9 Ag89
- 26481 \*DAVID, R. Sur les phénomènes biologiques provoqués chez les céréales par la printanisation des semences. Soc. de Biol. [Paris] Compt. Rend. 138: 849-851. Nov. 1944. 442.9 P21
- 26482 DAVIDSON, J., and BUCHANAN, R. Effect of sodium nitrate applied at different periods of the growing season on the yield, composition, and quality of wheat. Amer. Soc. Agron. J. 37: 722-726. Sept. 1945. Ref. 4 Am34P
- 26483 \*DEMIDENKO, T. T. Critical periods in the nitrogen nutrition of sugar-beet. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 47: 61-63. Apr. 10, 1945. 511 P444
- 26484 DENNY, F. E. Further tests of the use of the methyl ester of alpha-naphthaleneacetic acid for inhibiting the sprouting of potato tubers. Boyce Thompson Inst. Contrib. 14: 15-20. July/Sept. 1945. 451 B69
- 26485 DENNY, F. E. Synergistic effects of three chemicals in the treatment of dormant potato tubers to hasten germination. Boyce Thompson Inst. Contrib. 14: 1-14. July/Sept. 1945. 451 B69  
Ethylene dichloride, ethylene chlorohydrin, and carbon tetrachloride.
- 26486 EARLEY, E. B., and CARTTER, J. L. Effect of the temperature of the root environment on growth of soybean plants. Amer. Soc. Agron. J. 37: 727-735. Sept. 1945. Ref. 4 Am34P
- 26487 FERNANDES, A., and SERRA, J. A. Euchromatine et hétérochromatine dans leurs rapports avec le noyau et le nucléole. Soc. Broteriana B. (ser. 2) 19: 67-124. 1944. 451 C66
- 26488 FINA, A. L. DE. Qué es fotoperiodismo y su influencia en la distribución de los cultivos. Argentina. Min. de Agr. Almanaque (1945) 20: 417-419. 1945. 9 Ag874  
Also in Campo [Buenos Aires] 29(346): 36-37. Aug. 1945. 9 C15
- 26489 \*FOTIDAR, M. R. Natural cross-pollination in paddy. Indian Farming 6: 15-16. Jan. 1945. 22 In283
- 26490 FREY-WYSSLING, A. Ueber die biochemie des pflanzlichen streckungswachstum. Schweiz. Chem. Ztg. 28: 163-165. Apr. 25, 1945. 385 T22
- 26491 \*GÄUMANN, E. Entwicklungsgeschichte und fortpflanzung. Fortschr. der Bot. 10: 18-33. 1941. Ref. 450 F772
- 26492 GAW, H. Z., and LIU, N. T. Nitrogen excretion by leguminous plants. (In Chinese.) Chinese J. Sci. 1: 223-228. Mar. 1944. 22.5 C448
- 26493 \*GUTTENBERG, H. Wuchsstoff und wachstum. Fortschr. der Bot. 10: 260-277. 1941. Ref. 450 F772
- 26494 HAAS, A. R. C. Influence of chlorine on plants. Soil Sci. 60: 53-61. July 1945. 56.8 So3
- 26495 HAMNER, C. L., CARLSON, R. F., and TUKEY, H. B. Improvement in keeping quality of succulent plants and cut flowers by treatment under water in partial vacuum. Science 102: 332-333. Sept. 28, 1945. 470 Sci2
- 26496 HENRICI, M. The effect of wilting on the direct assimilates of lucerne and other fodder plants. So. African J. Sci. 41: 204-212. Feb. 1945. 515 So84
- 26497 HITCHCOCK, A. E., and ZIMMERMAN, P. W. Methods of rating the root-inducing activity of phenoxy acids and other growth substances. Boyce Thompson Inst. Contrib. 14: 21-38. July/Sept. 1945. 451 B69
- 26498 HOFFMAN, M. B. Proper harvest sprays reduce fruit drop. Agr. Leaders' Digest 26(7): 46, 48. Sept. 1945. 275.28 Am3
- 26499 \*HUBER, B. Wasserumsatz und stoffbewegungen. Fortschr. der Bot. 10: 175-188. 1941. Ref. 450 F772
- 26500 \*HURTEL-PY, G. De l'influence de la température sur la croissance des gamétophytes et des sporophytes de fougères. Soc. de Biol. [Paris] Compt. Rend. 138: 753-755. Oct. 1944. 442.9 P29
- 26501 \*IAROSHENKO, G. D. Tragakantovyĭ tip sokrashcheniia kornei rastenii (Traganth type of root contraction). Bot. Zhur. S. S. R. (J. Bot. de l'U. R. S. S.) 30: 115-124. 1945. 451 R923  
English summary.
- 26502 KEMP, H. K., and BEARE, J. A. Lime-induced chlorosis of fruit trees; a progress report on experimental work. So. Austral. Dept. Agr. J. 48: 526-529. July 1945. 23 So84
- 26503 KODENKO, A. N. Bor'ba s izvestkovym khlorozom vinogradnoi lozy [Control of lime chlorosis in grapevine]. Vinodel. i Vinograd. SSSR 4(12): 34-37. Dec. 1944. 95.8 V77
- 26504 \*KOMAROV, V. L., MAKSIMOV, N. A., KUZNETSOV, B. G. Solntse, zhizn' i khlorofill (The sun, the life and the chlorophyll). Uspekhi Sovremennoi Biol. 19: 137-154. 1945. 442.8 Er3  
K 25-letiiu so dnia smerti K. A. Timiriāzeva [On the 25th year of his death].  
Discussion of K. A. Timiriāzev's contributions to photosynthesis.
- 26505 \*KRALIN, r. rovyshenie vskhozhesti semian [Increasing the germination of seeds]. Sovkhoz. Proizvod. 5(3): 14-20. Mar. 1945. 20 So85
- 26506 \*KRUPENIKOV, I. A. Ecological and biochemical characters of *Betula kirghizorum* Saw.-Ryczg. resulting from the plant's adaptation to soils impregnated with salts. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 47: 64-66. Apr. 10, 1945. 511 P444
- 26507 \*LANG, A., and WETSTEIN, F. VON. Entwicklungsphysiologie. Fortschr. der Bot. 10: 278-307. 1941. Ref. 450 F772
- 26508 \*LENGLEN. La fécondation artificielle des céréales: le procédé Hooibrenck. Acad. d'Agr. de France. Compt. Rend. 29: 326-332. June 9/23, 1943. 14 P215Bc  
Work of Daniel Hooibrenck.



- 26509 \*LERY-PIETTRE, L. Essais de greffage embryonnaire. Acad. d'Agr. de France. Compt. Rend. 30: 244-248. May 10/17, 1944. 14 P215Bc  
Experiments with wheat and potato.
- 26510 \*LISITSYN, P., and FEDORCHUK, V. Sv[az] mezhdu protsentsom list'ev i soderzhaniiem syrogo proteina u krasnogo klevra [The relation between the percentage of foliage and the content of raw protein in red clover]. Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina Dok. 10(3): 2-11. 1945. 20 Akl
- 26511 LOO, T. L. The essentiality of micro-elements in plant growth as compared with the effect of indole-3-acetic acid and colchicine. (In Chinese.) Chinese J. Sci. Agr. 1: 219-222. Mar. 1944. 22.5 C448
- 26512 MITCHELL, J. W., and BROWN, J. W. Effect of 2, 4-dichlorophenoxyacetic acid on the readily available carbohydrate constituents in annual morning-glory. Bot. Gaz. 107: 120-129. Sept. 1945. 450 B652
- 26513 MITCHELL, J. W. A popular summary of growth regulating chemicals. Better Farming Methods 17(7): 25-26. Sept./Oct. 1945. 58.8 B46
- 26514 \*MOLOTOKOVSKY, G. K. On the problem how to avoid potato deterioration in the south. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 379-381. Mar. 30, 1945. 511 P44  
Effect of foliage removal on yield and quality.
- 26515 \*MOSEBACH, G. Zur kenntnis der stoffwechseländerung in den schwellgeweben einiger turgeszenzschleudermaschinen. Beitr. z. Biol. der Pflanz. 27: 268-295. 1941, pub. Dec. 1, 1940. 450 C66
- 26516 \*NIHOUS, M. Effets cytophysiologiques d'un traitement colchicique mortel, chez l'embryon du pois cultivé en germination. Soc. de Biol. [Paris] Compt. Rend. 138: 534-535. Aug. 1944. 442.9 P21
- 26517 \*PAECH, K. Stoffwechsel organischer verbindungen. II. Fortschr. der Bot. 10: 209-228. 1941. Ref. 450 F772
- 26518 \*PELLISSIER, F. L'ordre d'apparition des bourgeons au cours du bouturage épiphyllé et ses rapports avec l'ontogenèse. Soc. de Biol. [Paris] Compt. Rend. 138: 650-651. Aug. 1944. 442.9 P21  
Experiment with Begonia rex.
- 26519 \*PIRSCHLE, K. Mineralstoffwechsel. Fortschr. der Bot. 10: 189-208. 1941. Ref. 450 F772
- 26520 RAYNER, R. W. Notes on the effect of day length on potato yields. East African Agr. J. 11: 25-28. July 1945. 24 Ea74
- 26521 REECE, P. C. The set of sweet orange fruit in relation to the type of bloom. Citrus Indus. 26(10): 8, 20-21. Oct. 1945. 80 C49
- 26522 \*RICHTER, A. A., SUKHORUKOV, K. T., and OSTENKO, L. A. State of the leaf and photosynthesis. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 47: 67-70. Apr. 10, 1945. 511 P444
- 26523 \*RIVERA, V. Influenza della radiazione penetrante sopra l'accrescimento di vegetali. Nuovo Gior. Bot. Ital. (n. s.) 47: 559-571. 1940. Ref. 450 N92  
English summary.
- 26524 ROE, E. I. Viable seed produced by 12-year-old red pine. J. Forestry 43: 678-679. Sept. 1945. 99.8 F768
- 26525 \*SALGUES, R. Etudes biochimiques et physiologiques d'arboriculture fruitière. Rev. Gén. des Sci. Pures et Appl. 51: 201-211. 1940/1941. 473 B324
- 26526 SCULLY, N. J., PARKER, M. W., and BORTHWICH, H. A. Interaction of nitrogen nutrition and photoperiod as expressed in bulbing and flower-stalk development of onion. Bot. Gaz. 107: 52-61. Sept. 1945. 450 B652
- 26527 SHIVE, J. W. Boron in plant life - a brief historical survey. Soil Sci. 60: 41-51. July 1945. 56.8 So3
- 26528 SOMMER, A. L. Copper and plant growth. Soil Sci. 60: 71-79. July 1945. 56.8 So3
- 26529 STEPHENSON, R. E. Disease and plant nutrition. Calif. Cult. 92: 507. Sept. 29, 1945. 6 C12
- 26530 STOUT, M. Translocation of the reproductive stimulus in sugar beets. Bot. Gaz. 107: 86-95. Sept. 1945. 450 B652
- 26531 \*STRUGGER, S. Zellphysiologie und protoplasmatik. Fortschr. der Bot. 10: 154-174. 1941. Ref. 450 F772
- 26532 STUART, N. W. Expanded vermiculite for seed germination and plant growth. Florists Exch. 105(13): 18. Sept. 29, 1945. 80 F666  
Also in Florists' Rev. 96(2495): 31-32. Sept. 20, 1945. 80 W41
- 26533 SYNERHOLM, M. E., and ZIMMERMAN, P. W. A note on the preparation of 2-chloro-3,5-diiodobenzoic acid and 2-chloro-3,5-dibromobenzoic acid and their effects on tomato plants. Boyce Thompson Inst. Contrib. 14: 39-42. July 1945. 451 B69
- 26534 WELCH, W. B. Cicatrization in leaves of Bryophyllum calycinum. Bot. Gaz. 107: 95-106. Sept. 1945. 450 B652
- 26535 WHIFFEN, A. J. Nutritional studies of representatives of five genera in the Saprolegniaceae. Elisha Mitchell Sci. Soc. J. 61: 114-123. Aug. 1945. 500 EL4
- 26536 WINKLER, H. Über den biontenwechsel und die abweichungen von seinem normalen verlauf. Planta 33: 1-90. July 22, 1945. 450 P693
- 26537 \*ZHURBIN, A. I. Influence of grafting upon the generative sphere in cotton-plant. Acad. des Sci. de l'U. R. S. S. Compt. Rend. 46: 375-378. Mar. 30, 1945. 511 P444

## BIOCHEMISTRY

- 26538 BIRKINSHAW, J. H., BRACKEN, A., and RAISTRICK, H. Studies in the biochemistry of micro-organisms. Metabolic products of Aspergillus fumigatus Fresenius. Biochem. J. 39: 70-72. 1945. 382 B52
- 26539 CHEN, S. L., and others. An antibiotic substance in the Chinese waterchestnut, Eleocharis tuberosa. Nature [London] 156: 234. Aug. 25, 1945. 472 N21  
B. L. Cheng, W. K. Cheng, and P. S. Tang, joint authors.
- 26540 COULTHARD, C. E., and others. Notatin: an anti-bacterial glucose-aerodehydrogenase from Penicillium notatum Westling and Penicillium resticulosum sp. nov. Biochem. J. 39: 70-72. 1945. Ref. 382 B52  
R. Michaelis, W. F. Short, G. Sykes, G. E. H. Skrimshire, A. F. B. Standfast, J. H. Birkinshaw, and H. Raistrick, joint authors.
- 26541 KNEEN, E., and HADS, H. L. Effects of variety and environment on the amylases of germinated wheat and barley. Cereal Chem. 22: 407-418. Sept. 1945. 59.8 C33
- 26542 MORRIS, V. H., ALEXANDER, T. L., and PASCOE, E. D. Studies of the composition of the wheat kernel. I-II. Cereal Chem. 22: 351-371. Sept. 1945. 59.8 C33  
I. Distribution of ash and protein in center sections. II. Distribution of certain inorganic elements in center sections.
- 26543 MULL, R. P., TOWNLEY, R. W., and SCHOLZ, C. R. Production of gliotoxin and a second active isolate by Penicillium obscuro Biourge. Amer. Chem. Soc. J. 67: 1626-1627. Sept. 1945. 381 Am33J



26544 ROBINSON, W. O., and EDGINGTON, G. Minor elements in plants, and some accumulator plants. *Soil Sci.* 60: 15-28. July 1945. 56.8 So3

26545 RODAHL, K. Content of vitamin C (l-ascorbic acid) in plants. *Bot. Soc. Edinb. Trans. and Proc.* 34: 205-210. 1944. 451 Ed41

Includes list of common Greenland plants.

26546 SHEN, T., HSIEH, K. M., and CHEN, T. M. Effects of magnesium chloride and manganous nitrate upon the content of ascorbic acid in soybean during germination, with observations on the activity of ascorbic acid oxidase. *Biochem. J.* 39: 107-110. 1945. 382 B52

26547 SHORLAND, F. B. Occurrence of hexadecatrienoic acid in the glycerides of rape (*Brassica napus* L.) leaf. *Nature [London]* 156: 269-270. Sept. 1, 1945. 472 N21

26548 VASSEL, B., and NESBITT, L. L. The nitrogenous constituents of flaxseed. II. The isolation of a purified protein fraction. *J. Biol. Chem.* 159: 571-584. Aug. 1945. Ref. 381 J824

26549 WOKES, F., and others. Seasonal changes in true and apparent vitamin C in walnuts. (Abs.) *Biochem. J.* 39: xxv. 1945. 382 B52  
R. Melville, J. G. Organ, and E. M. Jamés, joint authors.

#### SILVICULTURE

26550 BATEMAN, B. A. Cork was in the bottleneck. *Farm and Ranch* 64(7): 14. July 1945. 6 T31  
Cork oak in the United States.

26551 CHEYNEY, E. G. Next - a Mayo forest; Rochester establishes experimental tract. *Minn. Dept. Conserv. Conserv. Volunteer* 8(48): 4-5. Sept./Oct. 1945. 279.8 C765

Mayo Forestry and Horticulture Institute, established at Rochester, Minn., in cooperation with the University of Minnesota.

26552 GIZIK, B. The seedling of *Quercus aegilops* L. (In Hebrew.) *Hassadeh* 25: 429-431. July 1945. 26 H27

26553 \*CUIF, E. La technique moderne du boisement de la Champagne crayeuse. *Rev. des Eaux et Forêts* 79: 153-165. Mar. 1941. 99.8 R322

26554 DORMAN, K. W. High-yield turpentine orchards a future possibility. *Chemurg. Digest* 4: 293, 295-299. Sept. 29, 1945. 381 N213Na

Reports progress in vegetative propagation and breeding of naval-stores pines.

26555 HENDERSON, W. M., BROWN, E. L., and MACKAY, M. A determination of yield on the University of New Brunswick woodlot. *Forestry Chron.* 21: 196-204. Sept. 1945. 99.8 F7623

26556 LEETE, B. E. How fast does second-growth timber grow? *Ohio Forest News*, No. 42, p. 35-38. May 1945. 99.8 Oh32

26557 \*MANNOZZI-TORINI, L. Un nuovo sistema per la produzione di piantine del genere *Quercus*. *Riv. Forest. Ital.* 3: 59-61. Jan./Feb. 1941. 99.8 R522

26558 MINCKLER, L. S. Seed source - is it taken seriously? *J. Forestry* 43: 749-750. Oct. 1945. 99.8 F768

26559 PARKER, H. A. Effect of site and density of lodgepole pine seedling growth. *Canada Lumberman* 65(20): 42. Oct. 15, 1945. 99.81 C16

26560 PATON, R. R. Storage of tuliptree seed. *J. Forestry* 43: 764-765. Oct. 1945. 99.8 F768

26561 \*SCHAEFFER, L. Le mouvement forestier à l'étranger; la pratique de l'élagage. *Rev. des Eaux et Forêts* 79: 263-275. Apr. 1941. 99.8 R322

26562 TRUE, R. P., and DORMAN, K. W. Effects of chemical stimulation on health, vigor of treated pines. Part II. Occurrence of dead trees and dry face in treated and untreated stands observed during the 1944 season. *AT-FA J.* 7(12): 18-20. Sept. 1945. 309.8 Am3

26563 \*VOLMERANGE, R. Le sapin dans l'Ardenne française. *Rev. des Eaux et Forêts* 79: 77-81. Feb. 1941. 99.8 R322

26564 WEATHERBY, H. Harvesting a forest crop. *Family Herald and Weekly Star* 76(43): 3, 4. Oct. 24, 1945. 7 F21  
Harvesting Douglas fir cones in British Columbia.

#### FIELD CROPS

Includes articles on general agronomy and on crop varieties, breeding, cultural practices, and yield.

#### General

26565 \*CHAPTAL, L., and RENAUD, P. Quelques effets des conditions atmosphériques de l'année 1941 sur les cultures méridionales. *Acad. d'Agr. de France. Compt. Rend.* 28: 225-228. Feb. 4/11, 1942. 14 P215Bc

Field crops.  
26566 ELLIS, M. G. New hybrids at Morden. *Family Herald and Weekly Star* 76(40): 6. Oct. 3, 1945. 7 F21

Corn, sunflowers, and soybeans at Morden (Canada) Agricultural Experiment Station.

26567 \*GESLIN, H. Observations sur l'année climatique 1941 dans ses rapports avec la production agricole. *Acad. d'Agr. de France. Compt. Rend.* 28: 174-182. Feb. 4/11, 1942. 14 P215Bc

Effect of temperature on field crops.

26568 \*GRANDITSKIY, P. Plany i praktika vvodeniya sevooborotov [Plans and practice of introducing crop rotations]. *Kolkhoz. Proizvod.* 5(4/5): 11-14. Apr./May 1945. 281.8 K83

Includes crop rotation system of the kolkhoz "Bo-refs" in the Moscow region.

26569 MAZZONI, G. Impressioni agronomiche sull'itinerario Addis Abeba--Macallè. *R. Ist. Agron. per l'Africa Ital. Relaz. e Monog. Agr.-Colon.*, No. 70, 41 p. Firenze, 1943. 16 Is7

Chiefly on field crops and their cultivation.

26570 NYASALAND. DEPT. OF AGRICULTURE. Report, 1944, Part II, Experimental work, 12 p. Zomba. 24 N98A

Mainly studies on field crops.

26571 \*PRIVALOV, V. Vesennemu sevu -- vysokuyu agrotekhniku [A superior agricultural technique for the spring sowing]. *Sovkhoz. Proizvod.* 4(12): 13-17. Dec. 1944. 20 So85

Field crops.

26572 SCHEINES, A. J. Cultivos de emergencia y requisitos que deben llenar. *Argentina. Min. de Agr. Almanaque* (1945) 20: 353-355. 9 Ag874

Cereal, forage, and oil crops.

26573 STEELE, C. F. Deep in the harvest. *Family Herald and Weekly Star* 76(38): 4. Sept. 19, 1945. 7 F21

Harvesting field crops in southern Alberta.

26574 SUBIRATS, F. J. Si sembrar es su negocio, hágalo bien. *Tierra Libre* 9(9): 6. Sept. 1945. 8 T443

#### Cereals

26575 \*ANODIN, P. Seleksiya farovol' pshenitsy na ustoychivost' k golovne [Breeding of spring wheat for smut resistance]. *Sovkhoz. Proizvod.* 4(12): 21-23. Dec. 1944. 20 So85

26576 BAEZ, J. R. Perspectivas del cultivo del centeno en la Argentina. *Argentina. Min. de Agr. Almanaque* (1945) 20: 205-206. 9 Ag874

26577 BASCIALLI, P. C. Características agrícolas de las variedades comerciales del maíz. *Argentina. Min. de Agr. Almanaque* (1945) 20: 193-198. 9 Ag874



- 26578 CAFFERA, R. Cuatro nuevas variedades de trigo de inscripción definitiva; Benvenuto Inca, Buck Claromecó, Klein 157 y Klein Alberti. Argentina. Min. de Agr. Almanaque (1945) 20: 93-95. 9 Ag874
- 26579 CAFFREY, M. The identification of varieties of bread wheat (*Triticum vulgare*). Eire, Dept. Agr. J. 42: 6-19. Mar. 1945. 10 Ir2J
- 26580 CITARELLA, F. Influencia de la densidad de siembra en el rendimiento del maíz. Argentina. Min. de Agr. Almanaque (1945) 20: 96. 9 Ag874
- 26581 ETCHECOPAR, J. A., and ILLIA, M. C. Descripción de las principales variedades de maíz cultivadas en la Argentina. Rev. Argentina de Agron. 11: 175-194. Sept. 1944. Ref. 9 R327  
English summary.
- 26582 GOBLE, R. E. Barley and wheat tests. Calif. Cult. 92: 527. Sept. 29, 1945. 6 C12
- 26583 GRUBBS, S. F. Corn hybrids widely accepted in Virginia. Va. Agr. Col. Ext. Div. News 27 (12): 3-4. Oct. 1945. 275.29 V81E
- 26584 HAMILTON, J. W. Pawnee "pays off"; new wheat matures early, proves a big yielder. South. Seedsman 8(10): 16, 55. Oct. 1945. 61.8 So8
- 26585 \*HEDAYETULLAH, S., SEN, S., and NAIR, K. R. Influence of dates of planting and spacings on some winter varieties of rice. Indian J. Agr. Sci. 14: 248-259. June 1944. Ref. 22 Ag831
- 26586 HOROVITZ, N. Descripción de algunas variedades de trigo cultivadas en la Argentina. Rev. Argentina de Agron. 11: 195-204. Sept. 1944. 9 R327  
English summary.
- 26587 \*IAKUSHKIN, I. O podgotovke semian zerno-rykh kul'tur k posevu [preparation of cereal seeds for sowing]. Kolkhoz. Proizvod. 5(1/2): 18-19. Jan./Feb. 1945. 281.8 K83  
Includes treatment with chemicals and heat, and "farovization" method.
- 26588 JETER, F. H. Something new in corn growing in North Carolina. Farm for Victory, No. 19, p. 15-16. Aug. 1945. 281.8 F226
- 26589 KUANG, H. H., TU, D. S., and CHANG, Y. H. Tung pu loa, a natural hybrid in rice. Chinese J. Agr. Sci. 1: 179-182. Mar. 1944. 22.5 C448  
English summary.
- 26590 LACROIX, L. L'avoine à Gembloux, de 1932 à 1939. Inst. Agron. et des Stas. de Rech. de Gembloux. B. 10: 53-83. 1941. 105.1 G285  
English summary.
- 26591 MCNEELY, M. Delrex, Louisiana Experiment Station's new scented rice may be important. Rice J. 48(9): 6, 8-9. Sept. 1945. 59.8 R36
- 26592 MENDES, C. T. Semeadura do milho. Rev. de Agr. [Piracicaba] 20: 177-180. May/June 1945. 9.2 R324
- 26593 PETERSON, R. F., LEJEUNE, A. J., and LAIDLAW, H. C. Identification of grain samples of hard red spring wheat varieties grown in western Canada. Sci. Agr. 25: 711-717. July 1945. 7 Sci2
- 26594 PIEDRAHITA, H. Producción de buena semilla de maíz. Agr. Trop. 1(7): 15-16. (Cont.) Aug. 15, 1945. 26 Ag8
- 26595 POPE, M. N. Seminal root number in cultivated barley. Amer. Soc. Agron. J. 37: 771-778. Sept. 1945. Ref. 4 Am34P
- 26596 SCHILLER, G. W. Some observations of wheat varieties in the Southwest. Assoc. Oper. Millers. B., Oct. 1945, p. 1467. 298.9 As7
- 26597 SEVERSON, H. Two-way profits from rice fields. South. Agr. 75(10): 32. Oct. 1945. 6 So83
- 26598 SOUTTER, R. E. Production of seed wheat. Queensland Agr. J. 61: 75. Aug. 1, 1945. 23 Q33
- 26599 SOYZA, D. J. DE. Hill paddy cultivation in Ceylon. Trop. Agr. [Ceylon] 100: 211-218. Oct./Dec. 1944. 26 T751  
Includes list of 42 rice varieties.
- 26600 THOMPSON, E. G. The key to quality wheat: variety. Farmer & Stock-Breeder 59: 1482. Sept. 18, 1945. 10 F228
- 26601 YAGLIAN, A. Centros productores de cebada cervecera en la República Argentina. Argentina. Min. de Agr. Almanaque (1945) 20: 123-125. 9 Ag874

## Fiber Crops

- 26602 \*CAPPELLETTI, F., and FERONI, F. C. La cotonicoltura nel Congo Belga. R. Ist. Agron. per l'Africa Ital. Relaz. e Monog. Agr.-Colon., No. 63, 157 p. Firenze, 1940. 16 Is7
- 26603 CASTRO, R. DE. Posição actual da sistemática dos linhos Portugueses. Soc. Broteriana B. (ser. 2) 19: 223-232. 1944. 451 C66
- 26604 GIORDANO, H. J. Antecedentes y perspectivas del cultivo del lino de fibra en la Argentina. Argentina. Min. de Agr. Almanaque (1945) 20: 103-109. 9 Ag874
- 26605 HU, C. L. A review of cotton research in China. (In Chinese.) Chinese J. Sci. Agr. 1: 147-158. Dec. 1943. 22.5 C448
- 26606 LEIRA, A. R. El cañamo; importancia y posibilidades de su cultivo en el país. Argentina. Min. de Agr. Almanaque (1945) 20: 283-286. 9 Ag874
- 26607 MARCOVITCH, S. A calcium cyanamid-sodium fluosilicate mixture for use as a defoliant for cotton. (Sci. note.) J. Econ. Ent. 38: 395-396. June 1945. 421 J822
- 26608 \*PARDO PASCUAL, M. Comentarios a un ensayo de variedades de lino para fibra. Spain. Inst. Nac. de Invest. Agron. B. 12, p. 349-369. May 1945. 105.6 Spl4
- 26609 \*SCHNEIDER, K. Düngung, fasergehalt und aufschlussfähigkeit bei hanf. Faserforschung 16: 120-126. 1944. 73.8 F26
- 26610 \*TOBLER, F. Asclepias als faserpflanze. Faserforschung 16: 95-96. 1943. 73.8 F26
- 26611 \*TOBLER, F. Der besenginster [Cytisus scoparius] als faserpflanze. Faserforschung 16: 81-93. 1943. 73.8 F26
- 26612 \*TOBLER, F. Polygonumarten [P. cuspidatum] als zellstofflieferanten. Faserforschung 16: 132-134. 1944. 73.8 F26
- 26613 \*ULBRICHT, E. Neue untersuchung der kendir-faser (Apocynum venetum). Faserforschung 16: 126-128. 1944. 73.8 F26

## Forage Crops and Grasses

- 26614 ALTPETER, L. S. Grassland farming in Vermont. Soil Conserv. 11: 79-82. Oct. 1945. 1.6 So3S
- 26615 \*BAZHENOVA, M. Bezalkaloidnyy lupin (A sweet lupine variety). Vsesoyuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina Dok. 10(3): 34-36. 1945. 20 Akl
- 26616 BERMUDEZ GARCIA, L. A. Breves anotaciones sobre las posibles leguminosas forrajeras del municipio de Sonson (Antioquia). Agr. Trop. 1(7): 26-30. (Cont.) Aug. 15, 1945. 26 Ag8
- 26617 BIFFEN, W. More livestock--we must have more hay: plan now to provide it. Smallholder 73 (1852): 16. Sept. 14, 1945. 10 Sml
- 26618 BRACKEEN, L. O. Alabama farmers find winter grazing profitable. Farm for Victory, No. 19, p. 16. Aug. 1945. 281.8 F226
- 26619 \*BRÉTIGNIÈRE, Les productions fourragères. Acad. d'Agr. de France. Compt. Rend. 29: 533-535. Dec. 8/22, 1943. 14 P215Bc
- 26620 CALDWELL, R. M. Pay-off pastures; a year-round program for the Southwest. Farm and Ranch 64 (10): 6-8. Oct. 1945. 6 T31
- 26621 CAMPBELL, R. S., and BISWELL, H. H. Better management on southern coastal ranges. Coastal Cattleman 11(8): 7-10, 12. Oct. 1945. 43.8 C63



26622 \*CHERNYSHEV, D. Rasshirit' assortment kormovnykh trav [Widening the assortment of forage plants]. Sovkhoz. Proizvod. 4(12): 23-24. Dec. 1945. 20 So85

26623 CITTADINI, J. C. Leguminosas como forra-  
jeras en Santa Cruz e instalaciones de un alfalfar en  
la región. Argentina. Min. de Agr. Almanaque (1945)  
20: 165-167. 9 Ag874

26624 CLARK, M. Lo, a new buffalo. South.  
Seedsman 8(10): 15. 50. Oct. 1945. 61.3 So8  
New variety of buffalo grass, Hays or One-eye.

26625 COLLINS, W., JR. Smooth brome. Soil  
Conserv. 11: 85-89. Oct. 1945. 1.6 So3S

26626 DOELLO-JURADO, M. Las praderas naturales  
de la Argentina; importancia de su estudio científico  
y económico. Hereford 11: 274-275. Aug. 1945.  
43.8 H42

26627 FIGUEROA, J. Prosopis (Linnaeus). Fo-  
mento monthly, 2(20): 3-4, 23-24. June 1945.  
8 F734

26628 \*FIORI, A., and BETTINI, T. M. Contributo  
alla conoscenza di alcuni pascoli della Somalia  
Italiana. R. Ist. Agron. per l'Africa Ital. Relaz.  
e Monog. Agr.-Colon., No. 66, 61 p. Firenze, 1941.  
16 Is7

26629 JAMES, E. Winter grazing in Piedmont.  
Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(10): 20. Oct.  
1945. 6 P945G

26630 KELSALL, A. Pasture improvement in the  
Maritimes. Marit. Farmer and Co-op. Dairyman 51(1):  
9, 18. Oct. 2, 1945. 7 C77

26631 \*LAFITE, C. La culture des betteraves a  
grands rendements. Acad. d'Agr. de France. Compt.  
Rend. 23: 199-205. Feb. 4/11, 1942. 14 P215Bc

26632 LUSH, R. H. Improved pastures provide  
more feed at lower cost. Natl. Live Stock Prod. 24  
(1): 7, 27. Oct. 1945. 280.38 N21

26633 MARTIN, J. N. Germination studies of  
sweet clover seed. Iowa State Col. J. Sci. 19: 289-  
300. July 1945. Ref. 470 Io9

26634 MAUDIN, R. C. Side oats Bouteloua cur-  
tipendula; -- grass of many uses. Tex. Livestock J.  
4(9): 9. Sept. 15, 1945. 49 T29

26635 PECHANEC, J. F. This stockman finds a  
good investment [range improvement]. Amer. Hereford  
J. 36(10): 8, 146. Sept. 15, 1945. 43.8 Am32

26636 RICKARD, J. A. Giant blue panic grass.  
Farm and Ranch 64(10): 9. Oct. 1945. 6 T31

26637 SEVERSON, H. He has year-round grazing.  
South. Agr. 75(10): 17. Oct. 1945. 6 So83

26638 SHARRITT, G. V. Breadbasket seasoned with  
sage. Amer. Forests 51: 428-429, 446, 462. Sept.  
1945. 99.8 F762

Re seeding experiment promises return of grass to  
sagebrush country of the West.

26639 SIMONRA, J. Datos sobre siembra y cultivo  
del kudzu. Rev. Ganad. [Habana] 5(5/6): 37-38.  
May/June 1945. 49 R321

26640 SPENCER, C. B. Yellow blossom sweetclover  
(Melilotus indica). Farm and Ranch 64(10): 16.  
Oct. 1945. 6 T31

26641 STURKIE, D. G. Alfalfa has possibilities  
as forage crop in Alabama. Farm for Victory, No. 19,  
p. 15. Aug. 1945. 281.8 F226

26642 SUSAROV, A. O semenovodstve lfužerny  
[Concerning the cultivation of alfalfa seed]. Sov-  
khoz. Proizvod. 5(3): 21-24. Mar. 1945. 20 So85

26643 \*VALLES ESTRUCH, J. Cultivo de la remo-  
lacha. II. Cult. Mod. 28(2): 49-50. Feb. 1945.  
15 C89

Beets for forage.

26644 WALKER, R. K. Oats, lespedeza, Dallis  
grass and white clover in a twelve-month grazing pro-  
gram. Farm for Victory, No. 19, p. 14. Aug. 1945.  
281.8 F226

26645 WALTERS, T. G. Future Farmers of America  
busy on pastures for their future. Prog. Farmer,  
Ga.-Ala.-Fla. Ed. 60(10): 30. Oct. 1945. 6 P945G

26646 WINDERS, C. W. Establishing grasses in  
coastal districts. Queensland Agr. J. 61: 69-74.  
Aug. 1, 1945. 23 Q33

26647 ZIMMERMAN, L. A. Hillside alfalfa gives  
five crops a year. Farmers Fed. News 26(2): 6. Oct.  
1945. 280.28 F225

#### Oil Crops

26648 ARGENTINA. DIVISION DE PLANTAS OLEAGINOSAS.  
El cultivo del sésamo. Argentina. Min. de Agr. Al-  
manaque (1945) 20: 263-266. 9 Ag874

26649 BAEZ, J. R. El girasol en la rotación de  
los cultivos. Argentina. Min. de Agr. Almanaque  
(1945) 20: 71-72. 9 Ag874

26650 \*BORDAS. Résultats des essais de culture  
du soja en 1941. Acad. d'Agr. de France. Compt.  
Rend. 28: 208-214. Feb. 4/11, 1942. 14 P215Bc

26651 DOMINGO, W. E., and CROOKS, D. M. In-  
vestigations with the castor bean plant. I. Adapta-  
tion and variety tests. Amer. Soc. Agron. J. 37:  
750-762. Sept. 1945. Ref. 4 Am34P

26652 \*GAROLA, J. Observations sur la culture  
des plantes oléagineuses en Beauce. Acad. d'Agr. de  
France. Compt. Rend. 28: 194-199. Feb. 4/11, 1942.  
14 P215Bc

Poppy and sunflower.

26653 HAWTHORN, F. Western Iowa pointers in  
growing and harvesting soybeans. Soybean Digest 5  
(11): 22-23. Sept. 1945. 60.38 So9

26654 JOURNEE, C., and TILKIN, F. Un essai de  
culture du soja en Belgique. Inst. Agron. et des  
Scs. de Rech. de Gembloux. B. 9: 16-37. (To be  
cont.) 1940. 10.51 G285

26655 \*N. Une culture oléagineuse de remplace-  
ment; la cameline [Camelina sativa]. Prog. Agr. et  
Vit. 121: 207-208. June 18/25, 1944. 14 P94

26656 PIEDRAHITA F., F. A. Monografía sobre el  
sésamo o ajonjolí. Inst. de Defensa del Café de  
Costa Rica. Rev. 15: 329-336. June 1945. 68.28 C82

26657 \*RADET, E. Influence de la date de ré-  
colte du colza sur la teneur en huile. Acad. d'Agr.  
de France. Compt. Rend. 30: 28-31. Jan. 5, 1944.  
14 P215Bc

26658 STRAUGHAN, W. R. Sunflowers for seed.  
Queensland Agr. J. 61: 5-7. July 1, 1945. 23 Q33

26659 WILLIAMS, L. F. Off-colored seeds in the  
Lincoln soybean. Soybean Digest 5(11): 50, 61.  
Sept. 1945. 60.38 So9

Experiments in developing pedigreed seed free  
of mottling.

#### Sugar Crops

26660 \*HUERTA, A. DE LA. La caña de azúcar (su  
cultivo en la zona subtropical de la Península  
Ibérica). Agricultura [Madrid] 14: 339-344. July  
1945. 15 Ag84

26661 \*IAKHTEFEL'D, P. Kul'tura sakharnoi  
svekly v Predbaikal'i [Cultivation of sugar beet in  
the Baikal region]. Sovkhoz. Proizvod. 4(12): 19-  
21. Dec. 1944. 20 So85

26662 LYNES, F. E. Sizing whole sugar beet seed  
to improve germination. Amer. Soc. Agron. J. 37:  
779-781. Sept. 1945. 4 Am34P

26663 SEALE, C. C. The results of variety ex-  
periments on sugar cane at Frome Central, Jamaica,  
1943-44. Brit. West Indies Sugar Assoc. Proc. Mtg.  
Sugar Technol. 1944: 108-112. 65.9 B775  
Discussion, p. 112.

26664 \*SINIAGIN, I. Uspakhi osvoenifa sakharnoi  
svekly v novykh raionakh [Success in acclimatization  
of sugar beet in new regions]. Kolkhoz. Proizvod.  
5(1/2): 22-23. Jan./Feb. 1945. 281.8 K83

26665 SUGAR-CANE INVESTIGATION COMMITTEE OF TRIN-  
IDAD. Field experiments on sugar cane in Trinidad;  
annual report, 1944, 53 p. Port-of-Spain, 1945.  
65.9 T733

Includes The sugar cane variety situation in 1944,  
by F. M. Bain and R. Ross, p. 45-53.



- 26666 TURNER, P. E. Researches on sugar-cane agriculture in the British West Indies and British Guiana, 1944. Brit. West Indies Sugar Assoc. Rpts. on Res. Work 1944: 5-21. 65.9 B774
- 26667 WILLIAMS, C. H. B., and FOLLETT-SMITH, R. R. Sugar agronomy in British Guiana. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1944: 96-105. Ref. 65.9 B775
- Discussion, p. 105-107.

#### Tobacco

- 26668 \*ALCARAZ MIRA, E., and SEQUEIROS BORES, J. M. Poder de absorción de las principales variedades de tabaco cultivadas en España. Spain. Inst. Nac. de Invest. Agron. B. 12, p. 285-328. May 1945. 105.6 Spl4
- 26669 HUNT, R. Let's put a stop to needless burley tobacco failures. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(10): 14, 74. Oct. 1945. 6 P945K

#### HORTICULTURAL CROPS

Includes articles on general horticulture, and on varieties, breeding, cultural practices, and yield.

#### General

- 26670 BOUCHER, T. B. What's good in my garden this year? Canad. Hort. and Home Mag., Floral Ed. 68: 192-193. Sept./Oct. 1945. 80 C16F
- 26671 COPLEY, G. H. Future of professional gardening. Gard. Chron. 118: 116. Sept. 15, 1945. 80 G162
- 26672 COPLEY, G. H. Wilderness that was a garden: restoration problem facing many now returning home. Smallholder 73(1852): 10-11. Sept. 14, 1945. 10 Sml
- 26673 DAY, H. School gardening. Gard. Chron. 118: 119-120. Sept. 15, 1945. 80 G162
- 26674 FUTURE of professional gardening. By Horticultus. Gard. Chron. 118: 116. Sept. 15, 1945. 80 G162
- 26675 HASTINGS, W. R. All-America Selections; 1946 vegetables—flowers. Seed Trade News 45(13): 1, 3. Sept. 26, 1945. 61.8 Se3
- 26676 HASTINGS, W. R. All-America vegetables, flowers announced; three petunias and Dianthus carry off honors. South. Florist and Nurseryman 58(27): 10-11. Sept. 28, 1945. 80 So86
- 26677 KING, F. C. Future of professional gardening. Gard. Chron. 118: 151-152. Oct. 6, 1945. 80 G162
- 26678 PEREN, G. S. Horticulture and its place in New Zealand. Roy. New Zeal. Inst. Hort. J. 15(1): 3-11. July 1945. 87 N4855
- 26679 WESTWOOD, R. Future of professional gardening. Gard. Chron. 118: 128. Sept. 22, 1945. 80 G162
- 26680 WHITSEY, F. Future of professional gardening. Gard. Chron. 118: 141. Sept. 29, 1945. 80 G162
- 26681 WILLIAMS, F. S. Plant patent law considered detrimental to Canadian horticulture. Canad. Florist 40: 316. Sept. 20, 1945. 80 C163

#### Fruits--General

- 26682 CARNEVALE, J. S. Tratamiento adecuado de los frutales viejos. Argentina. Min. de Agr. Almanaque (1945) 20: 97-101. 9 Ag874
- 26683 M., E. Choosing positions for fruit trees. Pop. Gard. 47: 250. Oct. 6, 1945. 80 G1622
- 26684 \*SHITT, P. Plodovye karlikovye derev'ia [Dwarf fruit trees]. Kolkhoz. Proizvod. 5(3): 30-32. Mar. 1945. 281.8 K83
- 26685 \*SHITT, P. Sadovodstvo v sovkhovakh [Orchard culture on the state farms]. Sovkhov. Proizvod. 5(3): 25-29. Mar. 1945. 20 So85

- 26686 TO PLANT or not to plant? Opinion of horticultural leaders is generally favorable [to extension of planting]. Amer. Fruit Grower 65(10): 9, 19, 22-24, 26. Oct. 1945. 80 G85
- 26687 WOOD, K. Fruit orchards in central Alberta. Family Herald and Weekly Star 76(38): 6. Sept. 19, 1945. 7 F21

#### Fruits--Citrus and Subtropical

- 26688 ANCONA PONCE, L. Breve estudio sobre el elemmy [Guatteria leiophylla]. Fomento [monthly], 2(20): 16, 20. June 1945. 8 F734
- 26689 CHENEY, R. H. The pineapple industry. (Abs.) Torreya 45: 59. June 1945. 450 T63
- History, botany, and culture of the pineapple.
- 26690 ELLIS, M. K. Pomegranates for pin money. Calif. Cult. 92: 511. Sept. 29, 1945. 6 C12
- 26691 FERNANDES E SILVA, R. Notas sobre a cultura da mangueira. Rev. Rural Bras. 25(299): 21-25. July 1945. 9.2 B733
- 26692 \*GADDINI, L., and CIPERRI, R. Il banano nell'oasi di Derna. R. Ist. Agron. per l'Africa Ital. Relaz. e Monog. Agr.-Colon., No. 59, 34 p. Firenze, 1940. 16 Is7
- 26693 GREY, L. E. Citrus growing in the Gisborne District. Orchardist New Zeal. 18(8): 15. Aug. 5, 1945. 80 Or19
- 26694 \*IBRAHIM, S. A survey of guava cultivation in the Circars. Madras Agr. J. 31: 279-282. Oct. 1943. 22 M262
- 26695 JACQUES, C. Les fruits du pays en vue de leur exportation. La pomme-liane [Passiflora edulis]. New Caledonia. Chambre d'Agr. Rev. Agr. 1945: 5481-5489. 25 N43
- 26696 JONES, J. R. Citrus research in Salt River Valley. Calif. Cult. 92: 534. Oct. 13, 1945. 6 C12
- 26697 KEBBY, R. G. Trifoliata rootstock. Citrus News 21: 84. June 30, 1943. 80 C494
- Poncirus trifoliata.
- 26698 METCALF, W. Value of windbreaks; [citrus] groves with adequate protection from winds consistently yield larger crops. Citrus Leaves 25(10): 6. Oct. 1945. 80 C492
- 26699 MOLINARI, O. C. Variedades de olivo que se cultivan en nuestro pais. I. La Arauco de La Rioja. Pampa Argentina 19(216): 6-7. Aug. 1945. 9 P19
- 26700 MUGUERZA ZUBIAURRE, A. Cartilla del olivicultor; instrucciones para la plantación. Argentina. Min. de Agr. Almanaque (1945) 20: 295-300. 9 Ag874
- 26701 \*NAYAR, P. N. The "nendran" or Malabar plantain. Madras Agr. J. 29: 470-473. Dec. 1941. 22 M262
- 26702 PLANTING the citrus grove. Amer. Fruit Grower 65(10): 12, 28. Oct. 1945. 80 G85
- 26703 PRIEGO, J. M. Multiplicación del olivo por injerto. Vinos, Viñas y Frutas 41: 98, 100-102. Aug. 1945. 9 Ag89
- 26704 PRIEGO, J. M. Multiplicación del olivo por yemas. Vinos, Viñas y Frutas 41: 63-68. July 1945. 9 Ag89
- 26705 RUTHERFORD, R. M. Time saving in growing citrus trees. Calif. Citrog. 30: 392. Oct. 1945. 80 C125
- 26706 SPERONI, H. A. Afrancamiento de plantas cítricas. Argentina. Min. de Agr. Almanaque (1945) 20: 343-344. 9 Ag874

#### Fruits--Deciduous

- 26707 BUSH, C. D. The persimmon in the Pacific Northwest. Arboretum B. 8(3): 17-18. Fall 1945. 451 Ar1
- 26708 DEGRAFF, H. F. Success in fruit farming. Country Book Mag. 5(2): 15-32. Autumn 1945. 6 C836
- 26709 DESIGN for orchard planting. Amer. Fruit Grower 65(10): 10-11, 25, 27-28. Oct. 1945. 80 G85



26710 DU PREEZ, D. Danger of planting seedling fruit trees. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 146, 1 p. Pretoria, 1945. 24 So82Pa

26711 MANN, A. J. Scientific search for new rootstocks for apple trees. Country Life [Vernon], 29(9): 23. Sept. 1945. 7 C832

26712 ROLLINS, H. A. Fall and winter orchard care. Rural New-Yorker 104: 429, 438. Oct. 6, 1945. 6 R88

26713 SOUTHWICK, L. Leaf analyses of fruit trees show needs. New England Homestead 118(19): 2. Oct. 13, 1945. 6 N442

26714 TAWSE, W. J. Study apple spray results. Family Herald and Weekly Star 76(40): 18. Oct. 3, 1945. 7 F21

Comparison of various sprays for scab and discussion of ammonium nitrate as a fertilizer.

26715 TOMALIN, T. E. Apples for small gardens. Pop. Gard. 47: 250. Oct. 6, 1945. 80 G1622

#### Fruits--Small

26716 \*BRANAS, J. Les nouveaux cépages. Prog. Agr. et Vitic. 121: 81-83. Mar. 5/12, 1944. 14 P94

Grape culture.

26717 CARLETON, J. Selecting the blueberry site. Mass. State Col. Ext. Fruit Notes, Sept. 28, 1945, p. 5-6, processed. 275.29 M381Fr

26718 F. Bush fruits [currants and gooseberries] from cuttings. Pop. Gard. 47: 251. Oct. 6, 1945. 80 G1622

26719 FIRPO, R. F. La poda en verde de la vid y los cepajes en la región de Río Negro. Argentina. Min. de Agr. Almanaque (1945) 20: 241-246. 9 Ag874

26720 \*IVANOV, A. A. Mestnye krymskie sorta vinograda [Local Crimean varieties of grapes]. Vinodel. i Vinograd. SSSR 4(12): 29. Dec. 1944. 95.8 V77

26721 LYON, A. V. Fertility of Sultana [grape] buds. Austral. Dried-Fruits News 21(6): 15-16. June 1945. 286.83 Au72

26722 \*MISHCHENKO, I. L. Muskat belyi i rozovyi v stepnykh raionakh Kryma [White and pink muscat grapes in the steppe regions of Crimea]. Vinodel. i Vinograd. SSSR 4(12): 27-29. Dec. 1944. 95.8 V77

26723 \*NEGRUL', A. M. Selektionnaya rabota v vinodel'cheskoj promyshlennosti [Breeding work in the wine-producing industry]. Vinodel. i Vinograd. SSSR 4(9): 18-19. Sept. 1944. 95.8 V77

New varieties of grapes are needed for the making of new brands of wine.

26724 PLANTING the vineyard. Amer. Fruit Grower 65(10): 13, 29. Oct. 1945. 80 G85

26725 S., S. T. How I train blackberries. Pop. Gard. 47: 250. Oct. 6, 1945. 80 G1622

26726 YARNELL, S. H. New [dew]berries for east Texas. South. Florist and Nurseryman 58(27): 5, 50. Sept. 28, 1945. 80 So86

26727 \*ZAKHAROVA, E. I. Vyrashchivanie posadochnogo materiala na morozostoiikh podvoiakh. Vinodel. i Vinograd. SSSR 4(9): 28-31. Sept. 1944. 95.8 V77

Frost resistant rootstocks for grapes.

26728 \*ZOTOV, V. V. Vnedrit' sort Bastardo v proizvodstvo [Introduction of the "Bastardo" variety into the industry]. Vinodel. i Vinograd. SSSR 4(9): 26-28. Sept. 1944. 95.8 V77

Cultivation of grapes in U. S. S. R.

#### Nuts

26729 KIMBALL, M. H. Don't delay walnut harvest. Calif. Cult. 92: 509. Sept. 29, 1945. 6 C12

26730 SCHOULTZ, E. F. La Macadamia ternifolia F. Muell. o nogal de Queensland. Tucumán, Estac. Expt. Agr. C. 132, 3 p. Tucumán, 1945. 102.5 T79

26731 SUÁREZ CAVIGLIA, O. R. El cultivo del castaño en la República Argentina; su importancia y posibilidades. Argentina. Min. de Agr. Almanaque (1945) 20: 151-155. 9 Ag874

26732 \*URQUIJO LANDALUZE, P. Hibridación de castaños. Agricultura [Madrid] 14: 336-338. July 1945. 15 Ag84

26733 WILLS, J. M. The Queensland nut. Queensland Agr. J. 61: 8-16. (Cont.) July 1945. 23 Q33

#### Ornamental Plants

26734 \*ACEDERACH, M. La vainilla o heliotropo del Perú [Heliotropum arborescens]. Cult. Mod. 28 (3): 104. Mar. 1945. 15 C89

26735 ALLEN, P. Different types and classifications of dahlias. Arboretum B. 8(3): 38, 40, 42. Fall 1945. 451 Arl

26736 ALLEN, R. C. The New York Botanical Garden Rose Growers' Day. Amer. Rose Mag. 6: 248-251. Sept./Oct. 1945. 80 Am327A

Held jointly with the American Rose Society.

26737 ALLEN, R. E. The perennial pea [Lathyrus latifolius] has a future. Flower Grower 32: 490. Oct. 1945. 80 M72

26738 ARNOLD, F. R. Imagination made this garden; travel and wide experience also had something to do with its composition. Horticulture 23: 432. Oct. 1, 1945. 80 H787

26739 B., F. G. Grow winter violets by planting in a cold frame. Pop. Gard. 47: 238. Sept. 22, 1945. 80 G1622

26740 BAIRD, T. J. A modern city garden. House & Gard. 88(5): 130-131. Nov. 1945. 80 H81

26741 BRANDT, C. R. Azaleas in my garden. Calif. Hort. Soc. J. 6: 258-261. July 1945. 81 C1293

26742 BROWN, P. D. Berried trees and shrubs at the University of Washington, Arboretum. Arboretum B. 8(3): 14-16. Fall 1945. 451 Arl

26743 BYERS, MRS. H. L. Hydrangeas in the South. Horticulture 23: 448. Oct. 1, 1945. 80 H787

26744 BYHRE, A. Marigolds in the greenhouse. Horticulture 23: 445. Oct. 1, 1945. 80 H787

26745 C., C. H. Wild plants for window gardens. Rural New-Yorker 104: 434. Oct. 6, 1945. 6 R88

26746 CARROLL, A. Garden amigos from south of the border [Mexico]. Amer. Home 34(1): 74-77. Oct. 1945. 80 Am313

26747 CARRUTH, MRS. M. S. The value of flower show courses. South. Home and Gard. 13(4): 28. Oct. 1945. 80 So824

26748 CHADWICK, L. C. Ceanothus pallidus roseus. Amer. Nurseryman 82(7): 38. Oct. 1, 1945. 80 Am371

26749 COOPER, M. Transplanting paeonies. Pop. Gard. 47: 246. Sept. 29, 1945. 80 G1622

26750 \*CORREYON, A. Influence de la rocaille sur la culture des plantes alpines. Rev. Hort. Suisse 18: 69-70. Apr. 1945. 80 R3212

26751 COURTNEY, W. D., and BREAKEY, E. P. Forcing lily bulbs after treatment for control of nematodes. Florists' Rev. 96(2496): 37-38. Sept. 27, 1945. 80 W41

26752 CUIDADO y alimentación de árboles. Chacra 15(178): 24-25. Aug. 1945. 9 C34

26753 CUTAK, L., and FRING, G. H. Bromeliads are fascinating plants. Mo. Bot. Gard. B. 33: 139-160. Sept. 1945. 451 M69B

26754 CYPHERS, E. H. The keyboard of analogous color [in flower arrangement]. Gard. Gossip 20(10): 3-4, 10. Oct. 1945. 80 G1625

26755 DOLSON, L. L. Deep-planted tulips. Flower Grower 32: 493, 508. Oct. 1945. 80 M72

26756 DORMAN, C. Choose southern trees for living memorials. Home Gard. for South 5: 176-177, 187. Oct. 1945. 80 H755

26757 DOWNER, H. E. Plant for permanence--Arnold crab [Malus arnoldiana]. Flower Grower 32: 487. Oct. 1945. 80 M72

26758 EASTON, C. H. Cut upkeep costs with mountain-laurel borders. Flower Grower 32: 483, 508. Oct. 1945. 80 M72



- 26759 ESSON, J. G. America's public gardens [Garfield Park Conservatory, Chicago]. Gard. Chron. Amer. 49: 262-263. Oct. 1945. 80 G1632
- 26760 EVERETT, T. H. Plant portraits [Billbergia zebrina, Hydrangea paniculata]. Gard. Chron. Amer. 49: 264-265. Oct. 1945. 80 G1632
- 26761 F., S. Now overhaul the rock garden. Pop. Gard. 47: 253. Oct. 6, 1945. 80 G1622
- 26762 F., S. H. Flowers to brighten the home in winter. Pop. Gard. 47: 246. Sept. 29, 1945. 80 G1622
- 26763 HAMBLIN, S. F. Hardy everblooming large-flowered climbers. Amer. Rose Mag. 6: 257-258. Sept./Oct. 1945. 80 Am327A
- 26764 HANLEY, MRS. W. S. Roses in the Texas garden. South. Home and Gard. 13(4): 26. Oct. 1945. 80 So824
- 26765 HOEFLE, W. H. A new rose garden. Amer. Rose Mag. 6: 251-252. Sept./Oct. 1945. 80 Am327A
- 26766 JOHNSTON, R. A. A. Increasing African violets. Horticulture 23: 449. Oct. 1, 1945. 80 H787
- 26767 JONES, F. A. Horticulture [landscape gardening, in the government's housing programme. Roy. New Zeal. Inst. Hort. J. 15(1): 13-20. July 1945. 87 N4855]
- 26768 KEAYS, E. E. Rise of hybrid perennials. Gard. Chron. Amer. 49: 270-271. Oct. 1945. 80 G1632
- Rose varieties in the early period of the nineteenth century.
- 26769 KERNS, C. J. Hardy ornamental shrubs. Family Herald and Weekly Star 76(41): 6. Oct. 10, 1945. 7 F21
- 26770 \*KLEINER, P. Les Phlox nains ou de rocaille. Rev. Hort. Suisse 18: 70-74. Apr. 1945. 80 R3212
- 26771 KNEUKER, A. Daffodils for forcing. Gard. Chron. Amer. 49: 270. Oct. 1945. 80 G1632
- 26772 KUMMER, O. A. Peonies--yours and mine. Canad. Hort. and Home Mag., Floral Ed. 68: 184. Sept./Oct. 1945. 80 C16F
- 26773 KUSER, MRS. W. G. Box--boxwood--Buxus. Gard. Club Amer. B., ser. 10, No. 2, p. 21-23. Sept. 1945. 90.32 G16
- 26774 L., M. B. Flowers will be welcome next spring: plant these favourites now. Pop. Gard. 47: 237. Sept. 22, 1945. 80 G1622
- 26775 LAMMERTS, W. E. New double flowering Leptospermum hybrids. Calif. Hort. Soc. J. 6: 250-257. July 1945. 81 C1293
- 26776 LEGH, J. H. Plan your winter moss garden. Family Herald and Weekly Star 76(41): 39. Oct. 10, 1945. 7 F21
- Mosses as house plants.
- 26777 LEININGER, MRS. F. Success with amaryllis. Horticulture 23: 444. Oct. 1, 1945. 80 H787
- 26778 LEWIS, C. E. The flowering order of shrubs and trees. Gard. Chron. Amer. 49: 268-269. Oct. 1945. 80 G1632
- 26779 LOCKARD, MRS. J. L. A native western lupine [Lupinus argenteus]. Horticulture 23: 430. Oct. 1, 1945. 80 H787
- 26780 M., E. How to renovate neglected lawns. Pop. Gard. 47: 245. Sept. 29, 1945. 80 G1622
- 26781 MCFARLAND, J. H. Magnolias I have known. Flower Grower 32: 484-485, 502. Oct. 1945. 80 M72
- 26782 MCFARLAND, J. H. Roses that bloom in the fall. Horticulture 23: 434. Oct. 1, 1945. 80 H787
- 26783 MARRIAGE, K. Peonies for permanence. Flower Grower 32: 478. Oct. 1945. 80 M72
- 26784 MITCHELL, S. B. A garden in the Berkeley Hills. Part V. Brooms. Calif. Hort. Soc. J. 6: 275-279. July 1945. 81 C1293
- 26785 NEHAMMER, MRS. F. Unusual or outstanding shrubs and their uses in the garden. Arboretum B. 8(3): 1-4, 44. Fall 1945. 451 Ar1
- 26786 NELSON, I. S. Propagation of Louisiana irises. Home Gard. for South 5: 172-174. Oct. 1945. 80 H755
- \*26787 PERIS PEREZ, P. Agerato [Ageratum] de Méjico. Cult. Mod. 28(3): 103-104. Mar. 1945. 15 C89
- \*26788 PERIS PEREZ, P. La primavera [Primula] de jardín. Cult. Mod. 28(2): 65. Feb. 1945. 15 C89
- 26789 PHILLIPS, G. A. R. The cultivation of phlox. Seed and Nursery Trader 43(8): 1-2. Aug. 20, 1945. 80 Au72
- From the "Horticultural Advertiser."
- 26790 PRESTON, I. The climbing rose "Patricia Macoun." Canad. Hort. and Home Mag., Floral Ed. 68: 186. Sept./Oct. 1945. 80 C16F
- 26791 PRESTON, I. Spring-flowering bulbs. Canad. Hort. and Home Mag., Floral Ed. 68: 185-186. Sept./Oct. 1945. 80 C16F
- 26792 PRICE, E. W. Living memorials. South. Home and Gard. 13(4): 27. Oct. 1945. 80 So824
- 26793 R., F. N. Plant wallflowers [Cheiranthus] for spring display. Pop. Gard. 47: 254. Oct. 6, 1945. 80 G1622
- 26794 RIES, V. H. The best of the evergreens. Mich. Hort. Soc. Hort. News 11: 109. Oct. 1945. 80 H7815
- 26795 ROCHA AGUIRRE, L. E. Las orquídeas colombianas; sus características, factores ecológicos que influyen sobre ellas y su cultivo. Agr. Trop. 1(7): 37-39. (Cont.) Aug. 15, 1945. 26 Ag8
- 26796 ROWNTREE, L. Bryophyllums; they're fascinating plants for winter windows, little greenhouses and southern gardens. Flower Grower 32: 481-482. Oct. 1945. 80 M72
- 26797 S., F. H. My post-war plan for the shrubbery. Pop. Gard. 47: 254. Oct. 6, 1945. 80 G1622
- 26798 S., H. F. The spring-flowering anemones are lovely. Pop. Gard. 47: 253. Oct. 6, 1945. 80 G1622
- 26799 ST. GEORGE, E. Which lilacs? Flower Grower 32: 476. Oct. 1945. 80 M72
- 26800 THE SCENT of flowers. By Cantab. Gard. Chron. 118: 108. Sept. 8, 1945. 80 G162
- 26801 SENNI, L. Le albatre stradali in Italia. Agr. Colon. 37: 101-104. Apr. 1943. 26 Ag82
- 26802 SEYLER, H. G. How to make garden pictures with daylilies. Flower Grower 32: 488-489. Oct. 1945. 80 M72
- 26803 SHEWELL-COOPER, W. E. Exploring the cut flower market. Estate Mag. 45: 239-240. Sept. 1945. 10 Es8
- Culture.
- 26804 SHOEMAKER, MRS. A. Sweet peas planted in the fall. Horticulture 23: 443. Oct. 1, 1945. 80 H787
- 26805 STARTING to build up a stock of biennial and perennial flowers to sell. By Cash Cropper. Smallholder 73(1852): 11. Sept. 14, 1945. 10 Sml
- 26806 \*STEFFEK, A. Lilium davidii und seine formen. Blumen u. Pflanzenbau ver. mit Gartenwelt 48: 154. June 23, 1944. 80 G196
- 26807 STEFFEK, E. F. "Guinea hen" flowers [Fritillaria meleagris]. Horticulture 23: 430. Oct. 1, 1945. 80 H787
- 26808 STEFFEK, E. F. Start with joe-pye weed in propagating wild flowers. Nature Mag. 38: 430. Oct. 1945. 409.6 N214
- 26809 STOKES, H. F. Tree peonies from seed. Mich. Hort. Soc. Hort. News 11: 105-106. Oct. 1945. 80 H7815
- 26810 TEMPLIN, S. C. Abutilon notes. Florists' Rev. 96(2496): 38. Sept. 27, 1945. 80 W41
- 26811 THATCHER, A. E. Some useful trees and shrubs of Great Britain. Gard. Chron. Amer. 49: 259-260. Oct. 1945. 80 G1632
- 26812 TIVOL, L. M. Notes on the culture of Gerbera jamesonii hybrids. Calif. Hort. Soc. J. 6: 258-261. July 1945. 81 C1293



26813 TRAUBERNICHT, E. C. It's pansy time.

South. Home and Gard. 13(4): 28. Oct. 1945.

80 So824

26814 VALLETTE, MRS. C. W. Virginia bluebells [*Mertensia virginica*]. Flower Grower 32: 501. Oct. 1945. 80 M72

26815 VINCENT, F. D. Tuberous begonias good in sheltered shade. South. Florist and Nurseryman 58 (29): 24. Oct. 12, 1945. 80 So86

26816 WATKINS, J. V. It's time to sow fall annuals. Fla. Grower 53(10): 23. Oct. 1945. 80 F6622

26817 WEICK, L. A victory rose bush. Amer. Rose Mag. 6: 260. Sept./Oct. 1945. 80 Am327A

A Rambler trained to form the date and a V.

26818 WELLS, J. B. Border carnations. Gard. Chron. 118: 118-119. Sept. 15, 1945. 80 G162

26819 WHITEHEAD, S. B. Sowing now for spring blooms. Field 186: 194. Aug. 25, 1945. 10 F45

26820 WOOD, C. W. Some out-of-the-ordinary ornamental plants. Amer. Nurseryman 82(7): 22-25. Oct. 1, 1945. 80 Am371

26821 YOUNG, G. A. Use your green thumb indoors; how to provide ideal growing conditions for house plants. Business of Farming 4(4): 2. 1945. 6 B96

26822 ZEVITAS, E. J. Faults of Lombardy poplars. Horticulture 23: 446. Oct. 1, 1945. 80 H787

#### Vegetable and Truck Crops (Including Potatoes)

26823 \*BENES, V. Versuche über den einfluss des geschlechtes der spargelpflanzen auf reifezeit, ertrag und qualität. Blumen- u. Pflanzenbau ver. mit Gartenwelt 48: 146-147. June 23, 1944. 80 G196

26824 \*BIRIUZOV, I. Voprosy Severnogo zemledel'ia [Questions on agriculture in the North]. Sovkhoz. Proizvod. 4(12): 25. Dec. 1944. 20 So85

Includes cultivation of vegetables.

26825 \*BRÉTONNIÈRE, La production des jardins et le problème de semences et de plants. Acad. d'Agr. de France. Compt. Rend. 27: 205-207. Feb. 19/26, 1941. 14 P215Bc

26826 C. Cloche [vegetable] gardening. Pop. Gard. 47: 235. Sept. 22, 1945. 80 G1622

26827 CAVIA, C. E. La producción de papas en la Argentina. Argentina. Min. de Agr. Almanaque (1945) 20: 317-318. 9 Ag874

26828 \*GREPIN, C. Le plant de pomme de terre en France. Acad. d'Agr. de France. Compt. Rend. 26: 857-865. Nov. 13/20, 1940. 14 P215Bc

26829 DEAN, T. Winter vegetables in central east Texas. East Tex. 20(1): 6. Oct. 1945. 6 Ea73

26830 EVANS, E. H. Chayote, the aristocratic squash; save fall fruit for spring planting. Home Gard. for South 5: 186. Oct. 1945. 80 H755

26831 \*FEYGINSON, N. O srokakh letnikh posadok kartofeli v Srednei Azii (The time of summer planting of potato in central Asia). Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina Dok. 10(3): 21-27. 1945. 20 Ak1

26832 HELANDER, E. Posibilidades del huerto familiar en Santa Cruz. Argentina. Min. de Agr. Almanaque (1945) 20: 73-76. 9 Ag874

26833 INGALLS, N. M. Lettuce tested in Vermont. Horticulture 23: 449. Oct. 1, 1945. 80 H787

26834 JACK, J. S. Fall-plant these two perennial vegetables [asparagus and rhubarb]. Flower Grower 32: 500-501. Oct. 1945. 80 M72

26835 \*JORET, G., and MALTERRE, H. Influence de l'humidité sur les fluctuations du rendement dans la pomme de terre. Acad. d'Agr. de France. Compt. Rend. 27: 895-900. Oct. 15/22, 1941. 14 P215Bc

26836 M., E. Lift maincrop potatoes. Pop. Gard. 47: 234. Sept. 22, 1945. 80 G1622

26837 M., E. Safeguard the broccoli. Pop. Gard. 47: 253. Oct. 6, 1945. 80 G1622

26838 \*MAGROU, J. Le problème de la pomme de terre. Rev. de Path. Compar. 41: 238-243. Nov./Dec. 1940/Aug. 1941. 448.8 R326

26839 \*MAS SOLANES, R. DE. Los esparraños. Cult. Mod. 28(2): 60-62. Feb. 1945. 15 C89

Asparagus culture in Spain.

26840 MUELLO, A. C. Cultivo del topinambour. Pampa Argentina 19(216): 48. Aug. 1945. 9 P19

26841 N., T. V. Use the greenhouse for salad crops. Pop. Gard. 47: 243. Sept. 29, 1945. 80 G1622

26842 NICHOLSON, MRS. H. S. Sucker plants of sweet corn make ears. Horticulture 23: 441. Oct. 1, 1945. 80 H787

26843 PETERSEN, E. O. And the subject is cucumbers. Roy. New Zeal. Inst. Hort. J. 15(1): 29-31. July 1945. 87 N4855

26844 PONTING, C. How to finish ripening your outdoor tomatoes. Pop. Gard. 47: 235. Sept. 22, 1945. 80 G1622

26845 ROBINSON, R. A. Commercial lettuce for the Christmas trade. Smallholder 73(1852): 10. Sept. 14, 1945. 10 Sml

Greenhouse culture.

26846 S., C. R. Are permanent beds best for onions? Pop. Gard. 47: 252-253. Oct. 6, 1945. 80 G1622

26847 S., W. C. For early broad beans next year. Pop. Gard. 47: 252. Oct. 6, 1945. 80 G1622

26848 \*SANKARAM, A. Cultivation of leafy vegetables in the Northern Circars. Madras Agr. J. 31: 285-288. Oct. 1943. 22 M262

26849 THOMPSON, R. M. The yam. Your Farm 3 (12): 84-91. Oct. 1945. 6 Y8

Varieties, cultivation, and utilization of southern yam.

26850 \*TISHCHENKO, A. Vyrashchivanie semian svely na Altae [Growing beet seeds in the Altai region]. Sovkhoz. Proizvod. 4(12): 17-19. Dec. 1944. 20 So85

26851 TOMALIN, T. E. For early spring cabbages planting must be done soon. Pop. Gard. 47: 237. Sept. 22, 1945. 80 G1622

26852 VARGAS C., C. El mejoramiento de la papa peruana. Agronomía [Lima] 10: 18-37. Apr. 1945. 9.8 Ag83

26853 W., C. R. The Hungry Gap kale can still be sown. Pop. Gard. 47: 243. Sept. 29, 1945. 80 G1622

26854 WORK, P. Intensive [vegetable] gardening in the Connecticut Valley. Market Growers J. 74 (10): 8, 47. Oct. 1945. 6 M34

26855 YOUNG, P. A. The rainbow tomato. South. Seedsman 8(10): 14, 52. Oct. 1945. 61.8 So8

#### WEEDS AND POISONOUS PLANTS

26856 BELLUE, M. K. Weed seed handbook, Series III. Calif. Dept. Agr. B. 34: 116-123. July/Sept. 1945. 2 C12M

26857 CAMPOS AYALA, A. Lucha contra las malezas en los cultivos de Misiones. Argentina. Min. de Agr. Almanaque (1945) 20: 141-142. 9 Ag874

26858 DICKEY, J. B. R. Modern chemistry [2, 4-D] in weed control. Pa. Farmer 133: 164, 189. Oct. 13, 1945. 6 P383

26859 EDEN, T., and BOND, T. E. T. The effects of the mamurial treatment on the growth of weeds in tea in Ceylon. Empire J. Expt. Agr. 13: 141-157. July 1945. 10 Em7

26860 FIGHTING the weeds. Market Growers J. 74 (10): 5, 31, 40. Oct. 1945. 6 M34

26861 HENDERSON, R. G. A new way to control weeds in plant beds. Va. Agr. Col. Ext. Div. News 27(12): 6. Oct. 1945. 275.29 V81E

Chemical control of weeds in tobacco culture.



26882 MARTH, P. C., DAVIS, F. F., and MITCHELL, J. W. Herbicidal properties of 2, 4-dichlorophenoxyacetic acid applied in dusts containing hygroscopic agents. *Bot. Gaz.* 107: 129-136. Sept. 1945. 450 B652

26863 MARTÍNEZ CROVETTO, R. Las malezas del cultivo de papa en el sudeste de la provincia de Buenos Aires. *Rev. Argentina de Agron.* 11: 205-232. Sept. 1944. 9 R327

26864 \*SOKOLOV, N. Nekotorye voprosy bor'by s sorniakami [Problems of weed control]. *Sovkhoz. Proizvod.* 16(4/5): 47-53. Sept. 1944. 281.8 So73

26865 STEYN, D. G. Poisoning of animals and human beings by algae *Microcystis* spp. *J. So. African J. Sci.* 41: 243-244. Feb. 1945. 515 So84

26866 URTON, N. R. Dodders and lucerne in South Africa. *So. African J. Sci.* 41: 231-237. Feb. 1945. 515 So84

#### MISCELLANEOUS ECONOMIC PLANTS (Drug, Dye, Rubber, Etc.)

26867 ALIBERT, H. Pourquoi et comment on fait la fécondation artificiel sur le palmier à huile. *Farm and Forest* 6(1): 27-30. Jan./Mar. 1945. 24 F226

26868 ARGENTINA. DIVISIÓN DE PLANTAS CAUCHERAS. Indicaciones sobre el cultivo del guayule. *Argentina. Min. de Agr. Almanaque* (1945) 20: 215-219. 9 Ag874

26869 BRECHT, E. A., and BURLAGE, H. M. Experimental drug plant culture in North Carolina. *Elisha Mitchell Soc. J.* 61: 218-219. Aug. 1945. 500 EL4

Chiefly *Atropa belladonna* and *Spigelia marilandica*.  
26870 CHANDRARATNA, M. F., and NANAYAKKARA, K. D. S. S. Studies in cassava. I. A classification of races occurring in Ceylon. *Trop. Agr. [Ceylon]* 100: 219-230. Oct./Dec. 1944. 26 T751

26871 DAVILA, D. S., and MUELLO, A. C. El jengibre [*Zingiber officinale*]. *Campo [Buenos Aires]* 29(345): 38. July 1945. 9 Clb

26872 GILBERT, S. M. The Coffee Research and Experiment Station, Tanganyika Territory: a brief survey of the first ten years' work. *Empire J. Expt. Agr.* 13: 113-124. July 1945. 10 Em7

26873 GREEN, E. L., JR. An American drink. "Yaupon tea" from *Ilex vomitoria*. *Amer. Forests* 51: 454. Sept. 1945. 99.8 F762

26874 HUNT, M. G. Bamboo in the garden. *South. Home and Gard.* 13(4): 24. Oct. 1945. 80 So824

26875 KERZMAN, N. Interesantes perspectivas ofrece la explotación de plantas insecticidas. *Argentina. Min. de Agr. Almanaque* (1945) 20: 81-84. 9 Ag874

Also in *Campo [Buenos Aires]* 29(346): 41, 46. Aug. 1945. 9 Cl5

26876 LAZZARINI PECKOLT, O. DE. O problema da aclimação da quina. *Rev. da Flora Med.* 12: 307-344. (Cont.) June 1945. 71.8 R32

26877 MASSA, L. Esperimenti di coltura dell'A-leurites nell'Africa Orientale Italiana. *Agr. Colon.* 36: 183-187. July 1942. 26 Ag82

26878 MENDES, J. E. T. Semelhanças e diferenças entre a lavoura cafeeira de Santa Catarina e a da Colômbia. *São Paulo. Supt. dos Serv. do Café. B.* 20: 410-418. (To be cont.) Apr. 1945. 68.29 Sa63

26879 \*MUKERJI, B., and GHOSH, S. K. *Lobelia nicotianaeifolia* Heyne as substitute for *Lobelia inflata* Linn., B. P. *Cur. Sci.* 14: 198-199. Aug. 1945. 475 Sci23

26880 NETTO, P. C. Cultura do café. *Rev. Rural Bras.* 25(299): 20. July 1945. 9.2 B733

26881 \*REVERDATTO, V. V. Novye lekarstvennyye rastenija flory SSSR (Nouvelles plantes officinales de la flore de l'URSS). *Sovet. Bot.*, No. 6, p. 81-82. 1944. 450 So8

26882 \*ROGENT, I. El pelitre y sus aplicaciones. *Cult. Mod.* 28(3): 92-04. Mar. 1945. 15 C89

Pyrethrum culture in Spain.

26883 \*SCARAMELLA, G., and BARBENSI, G. Primo rapporto sul caffè nell'Africa Orientale Italiana. *R. Ist. Agron. per l'Africa Ital. Relaz. e Monog. Agr.-Colon.*, No. 60, 92 p. Firenze, 1940. 16 Is7

26884 SILVA BARRIOS, F. A. El cultivo del ajo en las quintas de Mercedes (Provincia de Buenos Aires). *Argentina. Min. de Agr. Almanaque* (1945) 20: 69-70. 9 Ag874

26885 WEBB, G. Bees like soil conservation plants. *Prog. Farmer, Ky.-Tenn.-W. Va. Ed.* 60(10): 70. Oct. 1945. 6 P945K

#### SOILS AND FERTILIZERS

##### SOIL SCIENCE

26886 MUIR, A. *Pedology. Nature [London]* 156: 258-259. (Cont.) Sept. 1, 1945. 472 N21

Development of soil science in the U. S. S. R.

##### Soil Physics

26887 \*BLAGOVESHCHENSKIY, É. N. Vodoobespechenost' kustarnikovykh pustyn' Srednei Azii v svyazi s voprosami ikh vosstanovleniya. *Akad. Nauk S.S.S.R. Dok.* 38: 153-156. Feb. 1943. 511 P444A

Study of soil moisture in deserts of Central Asia with a view to restoring the production of certain varieties of desert plants (*Haloxylon persicum* and *Haloxylon aphyllum*).

26888 \*DROZDETSKIY, P. A. Vliyanie organicheskikh veshchestv na strukturoobrazovanie solonchaka (Einfluss organischer Stoffe auf die Strukturbildung in alkaliböden). *Pochvovedenie (Pedology)*, No. 7/8, p. 50-59. 1941. 57.8 P34

German summary.

26889 \*GERASIMOV, I. P. O dvizheniyakh pochvenno-gruntovykh mass na sklonakh [Movements of soil ground-masses on slopes]. *Pochvovedenie (Pedology)*, No. 7/8, p. 74-85. 1941. 57.8 P34

26890 HARROLD, L. L., and DREIBELBIS, F. R. An accounting of the daily accretion, depletion, and storage of soil-water as determined by weighing monolith lysimeters. *Amer. Geophys. Union. Trans.* (1945) 26: 283-292. 330.9 Am3

Discussion, p. 292-297.

26891 \*HENIN, S. Influence de la porosité et de la teneur en air du sol sur le développement du blé de printemps. *Acad. d'Agr. de France. Compt. Rend.* 29: 376-378. June 30/July 7, 1943. 14 P215Bc

26892 \*NORRGÅRD, A. Skorpproblem. *Lantmannen* 29: 695-696. Aug. 4, 1945. 11 L234

Hard crust formation on soils and how it may be managed.

26893 \*PALOMARES CASADO, M. Acción del frío sobre el suelo. *Agr. Levantino* 10 (120/121): 45-46. Nov/Dec. 1944. 15 Ag85

26894 \*SHCHUKINA, A. I. Izmenenie kolloidnykh svoystv pochvy v svyazi s khimicheskimi melioratsiyami v usloviyakh orosheniya (Veränderung der kolloideigenschaften des bodens in verbindung mit chemischen meliorierungsmassnahmen unter irrigationsbedigungen). *Pochvovedenie (Pedology)*, No. 7/8, p. 40-49. 1941. 57.8 P34

German summary.

26895 VERNET, A. Observations relatives à l'action de la couverture et de quelques autres facteurs sur la température du sol. *Acad. d'Agr. de France. Compt. Rend.* 30: 120-122. Feb. 23/Mar. 1, 1944. 14 P215Bc

26896 WALTERS, M. M. Crumb structure of soil. *Union So. Africa. Dept. Agr. and Forestry. Press Serv.* No. 802, p. 2. Aug. 21, 1945. 24 So82Pr



Soil Chemistry and Mineralogy

26897 ACEVEDO DAVENPORT, E. Reacción de los suelos y la fertilización. *Agrario* 10(366): 3, 11. Aug. 16, 1945. 9.3 Ag85

26898 \*BOISCHOT, P., and HURIEZ, H. Utilisation de l'acide phosphorique des engrais dans les terres acides de Bretagne. *Acad. d'Agr. de France. Compt. Rend.* 29: 472-474, 481-483. Nov. 10/17, 1943. 14 P215Bc

Phosphate fixation in acid soils.

26899 \*BORDAS, J., and LIDOYNE, A. Relation entre la teneur en humus et l'assimilabilité de l'acide phosphorique dans les sols du Bas-Rhône. *Acad. d'Agr. de France. Compt. Rend.* 29: 542-544. Dec. 8/22, 1943. 14 P215Bc

26900 CHANDLER, R. F., JR., PEECH, M., and CHANG, C. W. The release of exchangeable and nonexchangeable potassium from different soils upon cropping. *Amer. Soc. Agron. J.* 37: 709-721. Sept. 1945. 4 Am34P

26901 DRUMMOND, W. C. Soil chemistry. *Begonian* 12: 183, 196. Oct. 1945. 96.511 B39

26902 ESTRADA L., A. Técnica agrícola. *Árboles* 2: 291-293. Aug. 1945. 99.8 Ar16

Analysis of soils; directions for neutralization of acid soils.

26903 GALLOWAY, J. E. Why phosphate? *Plantation Stockman* 3(2): 9, 24, 26. Oct. 1945. 49 P69

Function and importance of soil colloids.

26904 GREAT BRITAIN. MINISTRY OF AGRICULTURE AND FISHERIES. Soil analysis. *Gt. Brit. Min. Agr. and Fisheries. Advisory Leaflets* 270, 4 p. London, 1944. 10 G79La

Chemical analysis.

26905 LEAKE, H. M. Vertical distribution of plant foods. *Internat. Sugar J.* 47: 234. Sept. 1945. 65.8 In8

Study of potash at different levels in soil.

26906 NEWTON, J. D., WYATT, F. A., and BROWN, A. I. Effects of cultivation and cropping on the chemical composition of some western Canada prairie province soils. Pt. III. *Sci. Agr.* 25: 718-737. July 1945. 7 Sci2

26907 PIZER, N. H. Soil analysis and advisory problems - III. *Gt. Brit. Min. Agr. Agriculture* 52: 270-276. Sept. 1945. 10 G79J

26908 \*SEDLITSKIĬ, I. D., and TATARINOVA, L. Elektronograficheskie issledovaniia pochvennykh kolloidov (Electronographical studies on soil colloids). *Pochvovedenie (Pedology)*, No. 9, p. 33-43. 1941. 57.8 P34

26909 \*SOKOLOV, D. F. O nalichii fosfora fosfatidov v pochvakh [On the presence of phosphorus as phosphatides in soils]. *Priroda* 33(5/6): 105-107. 1944. 410 R933

26910 STEPHENSON, R. E. Controlling soil reaction. *Calif. Cult.* 92: 550. Oct. 13, 1945. 6 C12

26911 \*ZAITSEV, B. D. Primenenie perekisi vodoroda k izucheniiu favlenii, svyazannykh s migratsiei zol'nykh elementov i protsessami okisleniia organicheskogo veshchestva pochvy [Application of H<sub>2</sub>O<sub>2</sub> to the study of phenomena connected with the migration of mineral elements and the processes of oxidation of organic soil substance]. *Pochvovedenie (Pedology)*, No. 9, p. 26-32. 1941. 57.8 P34

Soil Biology

26912 COOPER, J. F. Select inoculation with care. *Prog. Farmer, Ga.-Ala.-Fla. Ed.* 60(10): 20. Oct. 1945. 6 P945G

Inoculation of legumes.

26913 GAW, H. Z., and KUNG, L. H. The effect of some amino acids on the oxygen consumption of vetch root nodule bacteria. *Chinese J. Sci. Agr.* 1: 133-138. Dec. 1943. 22.5 C448

26914 WAKSMAN, S. A. Soil microbiology as a field of science. *Science* 102: 339-344. Oct. 5, 1945. 470 Sci2

Soil-Plant Relationships and Soil Requirements

26915 \*BARTHELET, J., and DROUINEAU, G. La culture fruitière dans les sols calcaires. *Acad. d'Agr. de France. Compt. Rend.* 29: 539-541. Dec. 8/22, 1943. 14 P215Bc

26916 \*GEL'FSEER, F. K voprosu ob intensivifikatsii rosta mnogoletnikh trav i ikh deistvii na pochvu (The intensification of the growth of perennial grasses and their influence on soil quality). *Vsesoiuzn. Akad. Sel'skikh. Nauk. im V. I. Lenina. Dok.* 10(3): 16-20. 1945. 20 Ak1

26917 MATTHEWS, E. D. A biochemical study of soil organic matter as related to brown root rot of tobacco. *J. Agr. Res.* 71: 315-325. Oct. 1, 1945. 1 Ag84J

26918 \*MEDVEDEVA, K. A. Osvoenie peskov pod kul'turu vinograda [Adaptation of sandy soils for the cultivation of grapes]. *Vinodel. i Vinograd. SSSR* 4(9): 24-25. Sept. 1945. 95.8 V77

26919 SAN MILLÁN ALMAGRO, J. A. El suelo que conviene al maní. *Campo [Buenos Aires]*, 29(345): 40, 58. July 1945. 9 C15

Soil Genesis, Formation, Classification, and Mapping

26920 \*BESPALOV, N. D. Novye dannye o pochvakh Mongolii (New data on soils of Mongolia). *Pochvovedenie (Pedology)*, No. 3/4, p. 182-188. 1945. 57.8 P34

English summary.

26921. BIRRELL, K. S., and WRIGHT, A. C. S. A serpentine soil in New Caledonia. *New Zeal. J. Sci. and Technol. Sect. A, Agr.* 27(1): 72-76. June 1945. 514 N48A

26922 \*GERASIMOV, I. P. Mirovaia pochvennaia karta i obshchie zakony geografii pochv (World soil map and general laws of soil geography). *Pochvovedenie (Pedology)*, No. 3/4, p. 152-161. 1945. 57.8 P34

English summary.

26923 \*GLAZOVSKAIA, M. A. O pochvoobrazovanii v Primorskikh del'takh [Soil formation in maritime deltas]. *Pochvovedenie (Pedology)*, No. 3/4, p. 209-215. 1945. 57.8 P34

English summary.

26924 GOODE, W. E., and CHRISTIANSEN, J. E. Obtaining undisturbed soil-cores in metal and transparent cylinders. (Abs.) *Amer. Geophys. Union. Trans.* (1945) 26: 298. 330.9 Am3

26925 \*GRUZDEV, G. I. K voprosu o nomenklature i klassifikatsii zemel'nykh ugodii [Nomenclature and classification of agricultural lands]. *Pochvovedenie (Pedology)*, No. 9, p. 44-50. 1941. 57.8 P34

26926 \*IVANOVA, E. N. K voprosu o razdelenii podzolistoi zony Predural'ia na podzony (Division of the podsolie zone of Fore-Ural into subzones). *Pochvovedenie (Pedology)*, No. 3/4, p. 162-174. 1945. 57.8 P34

English summary.

26927 LEEPER, G. W. The classification and nomenclature of soils. *Austral. J. Sci.* 6: 48-51. Oct. 21, 1943. 475 Au72

26928 \*LOBOVA, E. V., and PETROV, B. F. Pochvenno-geograficheskie oblasti Zapadnogo Kitaa (Pedo-geographical regions of western China). *Pochvovedenie (Pedology)*, No. 3/4, p. 189-198. 1945. 57.8 P34

English summary.

26929 MEURICE, R. Etude de quelques profils dans le limon du Hainaut. *Inst. Agron. et des Stas. de Rech. de Gembloux. B.* 9(1/4): 38-60. 1940. 105.1 G285

Summaries in Dutch, German, and English.



26930 \*NIKITIN, S. A. Tipy zasolennykh pochv iugo-vostochnoi chasti Kaspiiskoi ravniny (Types of salinized soils of the south-eastern part of the Caspian plain). Pochvovedenie (Pedology), No. 9, p. 3-25. 1941. 57.8 P34

26931 \*PETROV, M. F. Usloviia pochvobrazovaniia i tipy pochv Severnogo Irana (Conditions of soil formation and soil types of northern Iran). Pochvovedenie (Pedology), No. 3/4, p. 175-181. 1945. 57.8 P34

English summary.

26932 \*PRASOLOV, L. Kratkiĭ obzor geografii pochv vseĭ sushĭ [Brief review of the geography of soils of the world]. Mirov. Khoz. i Mirov. Polit., No. 6, p. 64-70. June 1945. 280.8 M67

26933 \*PRASOLOV, L. I. Geografiia i ploshchad' rasprostraneniia tipov pochv (Geography of soil types and territories occupied by them). Pochvovedenie (Pedology), No. 3/4, p. 146-151. 1945. 57.8 P34

Soils of the world.

English summary.

26934 \*ROZANOV, A. N. Pochvy Afganistana (Soils of Afghanistan). Pochvovedenie (Pedology), No. 3/4, p. 199-208. 1945. 57.8 P34

English summary.

26935 SALOMONE, G. A. Características de los suelos agrícolas. Campo [Buenos Aires, 29(345): 42-44, 66. July 1945. 9 C15

26936 SOCHAVA, V. B. Tundrovye formy mikrorel'efa v Priamur'e [Characteristics of tundra soil formations in the Amur Region]. Priroda 33(5/6): 107-109. 1944. 410 P933

26937 \*SOKOLOVSKIĬ, A. N. Zasolennye pochvy kak odno iz soleproiavlenii na zemnoi poverkhnosti [Salting of the soil as one manifestation of the circuits of salt in the earth's crust]. Pochvovedenie (Pedology), No. 7/8, p. 4-30. 1941. 57.8 P34

English summary.

#### SOIL MANAGEMENT

26938 \*AVNIMELECH, M. Decline of Palestine's countryside. Palestine and Middle East 17: 149-151, 158. Sept. 1945. 286.8 P172

Soil mismanagement with resulting deterioration and erosion.

26939 FULLERTON, A. Farming where the tides of centuries have left rich soil. Farmer's Advocate and Home Mag. 80: 723, 754. Oct. 11, 1945. 7 F22

Farming and soil management on the dyke lands of the Maritime Provinces of Canada.

26940 PAZZI, J. J. O. Are our vleis doomed? Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 148, 2 p. Pretoria, 1945. 24 So82Pa

Mismanagement of vleis lands.

26941 ROSS, I. C. The Tennessee Valley Authority, a lesson for Australia. Past. Rev. 55: 587-588. Aug. 16, 1945. 23 Au75

Importance of the T. V. A. project for soil restoration and improvement.

26942 STAUFFER, W. H. Rebuilding three worn-out farms. Ohio Forest News, No. 42, p. 15-18. May 1945. 99.8 Oh32

Restoration of soil fertility, pasture improvement, and reforestation.

26943 TURNER, P. E. Review of reports on visits to B. W. I. colonies. Brit. West Indies Sugar Assoc. Rpts. on Res. Work 1944: 39-48. 65.9 B774

Problems of tillage, drainage, contour cultivation, and irrigation.

26944 TYSON, J. Soil management for potato production. Amer. Potato J. 22: 267-275. Sept. 1945. 75.8 P842

26945 WYLD, J. T., and SIMMONS, C. S. Servicio de suelos. Rev. Cafetal. de Guatemala 1(8/9): 53-55. July/Aug. 1945. 68.28 R322

The Guatemala Service of Soils and its work.

#### Soil Fertility

26946 ALBRECHT, W. A. Better soil - better sections. Turtlox News 23: 101-102. July 1945. 442.8 T86

Importance of soil fertility shown in plant physiology.

26947 AMARGOS, J. L. Mecanización y fertilización. Liborio 5(8): 8. Aug. 1, 1945. 43.8 V41

26948 BENNETT, H. W. Fertilize alfalfa. South. Agr. 75(10): 38. Oct. 1945. 6 So83

26949 BIFFEN, W. Take the plough to poor pasture. Smallholder 73(1853): 16. Sept. 21, 1945. 10 Sml

Reseeding and fertilizing to restore pastures.

26950 BLEDSOE, R. W., HARRIS, H. C., and CLARK, F. The importance of peanuts left in the soil in the interpretation of increases in yield due to sulfur treatments. Amer. Soc. Agron. J. 37: 689-695. Sept. 1945. 4 Am34P

26951 CARMICHAEL, M. Influence of topdressing on values. Valuer 8: 299-302. July 1, 1945. 282.8 V24

Factor in land valuation.

26952 CARPENTER, E. B. The fertility of the soil and its relationship to dental health. Organic Gard. 7(6): 31-32. Nov. 1945. 56.8 Or3

26953 CHAFFIN, W. Fertile soil basis of prosperous farming. Okla. Agr. Col. Ext. Okla. Ext. News 26(10): 4. Sept. 1945. 275.29 Ok410

26954 COLBY, W. G. The use of commercial fertilizer on cranberries. Cranberries 10(6): 6-7. Oct. 1945. 80 C852

26955 \*COLOM, L. Abonos gratuitos. Cult. Mod. 28: 87-88. Mar. 1945. 15 C89

Green manures.

26956 CRAWFORD, J. A good income from \$5.00 land. South. Agr. 75(10): 25. Oct. 1945. 6 So83

Kudzu and sericea as soil improvers.

26957 \*DAVYDOV, G. K. Teoreticheskie predposylki melioratsii podzolistykh pochv edkoĭ izvest'iu v sochetanii s organicheskimi udobreniiami (Theoretische Voraussetzungen der melioration podsoliger boden mit aetzkalk, mit organischen düngern zusammen angewandt). Pochvovedenie (Pedology), No. 7/8, p. 31-39. 1941. 57.8 P34

German summary.

26958 \*DEMOLON, A., and BASTISSE, E. Productivité et épuisement des sols. Acad. d'Agr. de France. Compt. Rend. 30: 186-188. Apr. 19/26, 1944. 14 P215Bc

26959 DUNN, L. E., and NYLUND, R. E. The influence of fertilizers on the specific gravity of potatoes grown in Minnesota. Amer. Potato J. 22: 275-288. Sept. 1945. 75.8 P842

26960 DUTCHER, R. Fertilizer wont replace humus. Farmer-Stockman 58: 353. Oct. 1945. 6 Ok45

26961 DU TOIT, R. Importance of vegetal cover. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 149, 2 p. Pretoria, 1945. 24 So82Pa

Importance for soil fertility and prevention of erosion.

26962 ERASMUS, J. C. Utilization of sloping soil. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 153, 2 p. Pretoria, 1945. 24 So82Pa

Rotation of crops for preservation of fertility and prevention of erosion.

26963 \*GUYON, G., COLLIER, D., and ANNE, P. La fumure azotée du blé en Limagne. Acad. d'Agr. de France. Compt. Rend. 29: 524-526. Dec. 8/22, 1943. 14 P215Bc

26964 GUYON, G. Importance de la fumure azotée du blé après betteraves sucrières en Limagne. Acad. d'Agr. de France. Compt. Rend. 26: 877-882. Nov. 13/20, 1940. 14 P215Bc



26965 GUYON, G. Nature et époque d'épandage de la fumure azotée sur blé d'hiver après betterave sucrière en Limagne. Acad. d'Agr. de France. Compt. Rend. 26: 882-885. Nov. 13/20, 1940. 14 P215Bc  
26966 H., V. F. Feeding [fertilizing] the leeks. Pop. Gard. 47: 228. Sept. 15, 1945. 80 G1622

26967 HESTER, J. B. Fundamental studies on some tomato producing soils. Campbell Soup Co. Dept. Agr. Res. Res. Monog. 1, 46 p. Riverton, N. J., 1945. 6 C152

Study on eleven soil types showing effects of various fertilizer treatments on yield and mineral composition of tomatoes.

26968 HOFFER, G. N. Potash fertilizers are needed on many midwestern farms. Better Crops with Plant Food 29(7): 12-16, 41-44. Aug./Sept. 1945. 6 B46

Symptoms of potash and other deficiencies in plants.

26969 HOWARD, SIR A. Farming and gardening for health or disease. Organic Gard. 7(6): 4-6. Nov. 1945. 56.8 Or3

Importance of humus for soil fertility and human health.

Also in Veg. Messenger and Health Rev. 42: 187-188 (conclusion). Oct. 1945. 389.8 V522

26970 HOWARD, SIR A. The real cause of soil erosion. Farmer's Weekly [Bloemfontein] 70: 36. Sept. 19, 1945. 24 F225

Importance of humus and the work of earthworms in the preservation of soil fertility.

26971 HUTCHESON, T. B. Make the grass look green on her side of the fence. South. Planter 106(10): 20-21. Oct. 1945. 6 So89

Fertilizing pastures.

26972 LADD, L. L. Seed more grass. Dakota Farmer 65(20): 11. Oct. 20, 1945. 6 D14

Grass farming for soil conservation and improvement.

26973 LISONI R., M. Fertilización de hortalizas. Agrario 10(366): 1, 13. Aug. 16, 1945. 9.3 Ag85

26974 MCFARLANE, N. L. Nitrogen for grain. Calif. Cult. 92: 531. Oct. 13, 1945. 6 C12

26975 MAYTON, E. L. Best fertilize pastures in October and November. This Month in Rural Ala., Oct. 1945, p. 7. 6 T34

26976 MEYER, H. Retornemos a la tierra. Inst. de Defensa del Café de Costa Rica. Rev. 15: 303-307. (To be cont.) June 1945. 68.28 C82

Importance of soil organic matter to life and health.

26977 MIDDLETON, G. K. Many farmers can step up their small grain yields. Farm for Victory, No. 19, p. 7. Aug. 1945. 281.8 F226

Recommends use of legume crop before small grain, thorough preparation of seedbed, early seeding, and fertilization and top dressing.

26978 \*RED'KIN, N. E. Vliv na fyziko-khimicheskie svoystva pochvy i urozhai tabaka (Einfluss der gräser auf die physikochemischen eigenschaften des bodens und den tabakertrag). Pochvovedenie (Pedology), No. 7/8, p. 60-73. 1941. 57.8 P34

26979 REISS, Y. Some of my observations on the effect of fertilizers on the soil. (In Hebrew.) Hassadeh 25: 460-461. July 1945. 26 H27

26980 A REVIEW of the manurial experiments on the agricultural crops of the Madras Presidency for the decennial period 1930-40. Madras Agr. J. 31: 305-317; 32: 39-47, 83-91. Nov. 1943; Feb., Mar./Apr. 1944. 22 M262

26981 RICHARDSON, E. C. The effect of fertilizer on stand and yield of kudzu on depleted soils. Amer. Soc. Agron. J. 37: 763-770. Sept. 1945. 4 Am34P

26982 SCARSETH, G. D. Lime, legumes and fertilizer, the "big three" for soil improvement and greater profits. Business of Farming 4(4): 7. 1945. 6 B96

26983 SHORT-TERM pastures; liquid dressings on Tokoroa country, by "Namron." New Zeal. Farmer Weekly 66(12): 14. Aug. 9, 1945. 23 N484

Fertilizing pastures with a mixture of liquid manure and skim milk.

26984 SKINNER, J. J., NELSON, W. L., and WHITTAKER, C. W. Effect of salt index, analysis, rate, and placement of fertilizer on cotton. Amer. Soc. Agron. J. 37: 677-688. Sept. 1945. 4 Am34P

26985 SNIDER, H. J. Plow-under crops; their use on many of your soils is a "must" if fields are to continue their yields. Successful Farming 43(10): 27, 44-45. Oct. 1945. 6 Su12

26986 SNIDER, H. J. Underneath that alfalfa seeding. Hoard's Dairyman 90: 561. Oct. 10, 1945. 44.8 H65

Fertilizing alfalfa.

26987 TIPTON, B. Bankers promote soil rebuilding. Acco Press 23(9): 5-6. Sept. 1945. 6 Ac2

26988 \*TRIOLA, P. DE LA. Poda y abono del olivo. Cult. Mod. 28: 59. Feb. 1945. 15 C89

26989 VALLANCE, L. G. Fertilizing tomatoes.

Queensland Agr. J. 61: 76-86. Aug. 1, 1945. 23 Q33

26990 VANDERLINDEN, L. New Agriculture's "science." New Agr. 28(1): 8-9. Oct. 1945. 66.8 Su32

Relation between soil fertility and plant and animal nutrition.

26991 W., C. R. Feeding fruit trees. Pop. Gard. 47: 251. Oct. 6, 1945. 80 G1622

26992 WHITE, H. F. Loss of soil organic matter and its restoration. Past. Rev. 55: 593-594. (Cont.) Aug. 16, 1945. 23 Au75

26993 WILLCOX, O. W. Why ratooned cane yields less. Sugar 40(10): 36-38. Oct. 1945. 65.8 F11  
Results of nitrogen fertilizer tests on major soil types in Louisiana.

26994 WILLIAMS, T. Why some potatoes turn black. Smallholder 73(1853): 11. Sept. 21, 1945. 10 Sml

Caused by wrong fertilizers.

#### Soil Tilth and Tillage

26995 BROMFIELD, L. Trash farming at Malabar. Land [Baltimore] 4: 321-325. Summer 1945. 279.8 L22

26996 BRYAN, A. B. Mulch farming checks erosion. South. Agr. 75(10): 14. Oct. 1945. 6 So83

26997 CASTRO, J. DE P. Preparo mecanico do solo. Rev. do Algodão 11(101): 33-37. June 1945. 72.8 R322

Tillage and use of fertilizers.

26998 KYLING W., B. Ensayos culturales agrícolas. Unión Agr. del Sur 3(17): 19-24. May 1945. 9.3 Un3

26999 LINDLEY, H. E. For simpler rose bed preparation. Amer. Rose Mag. 6: 272-273. Sept./Oct. 1945. 80 Am327A

27000 STEPHENSON, R. E. Straw mulch for soil improvement. Calif. Cult. 92: 527. Sept. 29, 1945. 6 C12

27001 SUSENBERGER, F. Beste bodenbearbeitung, die grundlage zur ertragssteigerung im kartoffelbau. Landesbauernschaft Moselland. Wchnbl., No. 2, p. 25. Jan. 9, 1943. 18 L2328

27002 VICKERS, P. T. Successful farming on arid lands [in the McCook area, southwest Texas]. Farm and Ranch 64(9): 9. Sept. 1945. 6 T31

27003 WHITE, H. C. Decorative rock mulches. Organic Gard. 7(6): 7-10. Nov. 1945. 56.8 Or3

#### Drainage, Irrigation, Water Supply, and Flood Control

27004 ALEXANDER, W. P. Tres elementos esenciales en todo nuevo proyecto de regadío. Asoc. de Téc. Azucareros Cuba. B. Ofic. 4: 211-216. Aug. 1945. 65.9 As5B



- 27005 ANGELL, G. N. When weather's dry, they turn on rain. Wash. Farmer 70, i. e. 80: 543, 555. 560. Oct. 18, 1945. 6 R151  
Irrigation in Washington State.
- 27006 ARRHENIUS, O. Bevattningsförsök och möjligheten av bevattning på Gotland [Irrigation research and possibilities of irrigation in Gotland]. Socker. Handl. 1: 199-208. Mar. 1945. 65.8 Sol
- 27007 BINGHAM, G. H. Plan farm irrigation layout. Mont. Farmer 33(4): 10. Oct. 15, 1945. 6 M764
- 27008 BOISCHOT, \_\_\_\_\_, HERVIAUX, \_\_\_\_\_, and HURIEZ. Sur les terres récupérables en Bretagne. Acad. d'Agr. de France. Compt. Rend. 28: 214-220. Feb. 4/11, 1942. 14 P215Bc
- 27009 BONDURANT, D. C., and others. Future of Lake Mead and Elephant Butte reservoir; discussion. Amer. Soc. Civ. Engin. Proc. 71: 1263-1281. Oct. 1945. 290.9 Am3P  
J. H. Bliss, L. B. Leopold, C. B. Brown, and G. E. P. Smith, joint authors.  
Problems of reservoir siltation and water supply for irrigation in New Mexico.
- 27010 CARR, W. H. The waters beneath. Amer. Mus. Nat. Hist. Nat. Hist. 54: 364-369, 386. Oct. 1945. 500 N483J  
Flash floods and the diminishing underground water supply in Arizona.
- 27011 \*CHALDIN, V. Oroshaemyi uchastok [An irrigated plot]. Kolkhoz. Proizvod. 5(4/5): 22. Apr./May 1945. 281.8 K83  
At the kolkhoz "Vpered" in the Saratov region.
- 27012 CODE, W. E. Irrigators are confused by the miners' inch. West. Farm Life 47(15): 16-17. Sept. 15, 1945. 6 R153  
Unit for measurement of irrigation water.
- 27013 COOPERRIDER, C. K., CASSIDY, H. O., and NIEDERHOF, C. H. Forecasting stream-flow of the Salt River, Arizona. Amer. Geophys. Union. Trans. (1945) 26: 275-282. 330.9 Am3
- 27014 FERGUSON, F. L. Ontario aids farm drainage. Family Herald and Weekly Star 76(41): 3, 4. Oct. 10, 1945. 7 F21
- 27015 FITZPATRICK, J. T. Start the season with a low watertable; the first spring irrigation. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newsletter. 6, p. 4-5. Aug. 1945. 55.9 G87
- 27016 GARCIA NAJERA, J. M. Arroyos y torrentes. Conceptos y definiciones. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 409-414. Madrid, 1945. 15 Spl2C  
Role of forests in flood control.
- 27017 HABRICH, R. J. Multiple value of farm ponds. Iowa Conserv. 4: 176. Oct. 15, 1945. 279 Io92
- 27018 JOHNSON, B. Irrigation plans for the Dakotas. Dakota Farmer 65(19): 4, 24. Oct. 6, 1945. 6 D14
- 27019 \*KREMENTSKIY, N. Poliv po borozdam i napsukom. Kolkhoz. Proizvod. 5(4/5): 20-21. Apr./May 1945. 281.8 K83  
Methods of irrigation in U. S. S. R.
- 27020 LEHNING, C. L., JR. Ponds in pasture building. South. Agr. 75(10): 24. Oct. 1945. 6 So83
- 27021 MCCLYMONDS, A. E. Hope quickens in Eden Valley [Wyo.]; - Water program moves ahead. Soil Conserv. 11: 83-84, 91. Oct. 1945. 1.6 So3S  
Development and use of water for irrigation.
- 27022 MALLABY, H. Annual water-table survey in Mirrool area, Australia. Citrus News 21: 87. June 30, 1945. 80 Ch94
- 27023 MARQUIS, J. C. Before war. Land [Baltimore], 4: 283-285. Summer 1945. 279.8 L22  
Land reclamation in Italy.
- 27024 MEDLEY, J. J. Salinity of irrigation water. Citrus News 21: 107. July 31, 1945. 80 Ch94
- 27025 MEINZER, O. E., and WENZEL, L. K., and others. Water levels and artesian water pressure in observation wells in the United States in 1943. Pt. 2, Southeastern States. U. S. Geol. Survey. Water-Supply Paper 987, 191 p. Washington, 1945. 407 G29W
- 27026 MORGAN, A. E. In MVA, M does not equal T. Land [Baltimore], 4: 274-277. Summer 1945. 279.8 L22  
Problems of water development and control in the Missouri River Basin.
- 27027 MUNDIE, E. W. Farm ponds have many uses. South. Planter 106(10): 8. Oct. 1945. 6 So89
- 27028 MUTCH, H. W. Water for New Mexico desert. West. Construct. News 20(9): 85-88. Sept. 1945. 290.8 W522  
The Tucumcari Irrigation Project, under construction by the U. S. Bureau of Reclamation.
- 27029 MYERS, L. F. Why are ditches so important? C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newsletter. 6, p. 8. Aug. 1945. 55.9 G87
- 27030 OREGON. STATE RECLAMATION COMMISSION. Biennial report, 9th, July 1, 1942-June 30, 1944, 18 p., processed. Salem, 1945. 55.9 Or322
- 27031 PAGE, SIR E. Australia's future is bound up with the full development of water resources. Land [Sydney], No. 1758, p. 4, 14. Aug. 10, 1945. 23 L22  
Development of water supply for irrigation and other uses.
- 27032 PENNEFATHER, R. R. Your programme for spring irrigation. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newsletter. 6, p. 1-2. Aug. 1945. 55.9 G87
- 27033 \*PLANES GARCIA, S. El cultivo del algodón en regadío. Agr. Levantino 10(120/121): 8-12. Nov./Dec. 1944. 15 Ag85
- 27034 RIQUELME INDA, J. El problema del agua en la región mexicana del Colorado, B. C. Soc. de Geog. y Estadis. de la Repub. Mex. B. 60: 509-523. July/Aug. 1945. 516 M57B  
Water supply for irrigation in Lower California.
- 27035 SHELTON, R. E. Regadío; instrucciones sobre riegos por inundación y surcos. Tierra Libre 9(9): 8-9. Sept. 1945. 8 T443
- 27036 SIMPICH, F. Taming the outlaw Missouri River. Natl. Geog. Mag. 88: 569-598. Nov. 1945. 470 N213  
Problems of reclamation, flood control, irrigation developments, and general water conservation and use in the Missouri River Basin.
- 27037 TEXAS. BOARD OF WATER ENGINEERS. Progress report, Sept. 1, 1942-Aug. 31, 1944, 73 p., processed. Austin, 1944. 292.9 T31
- 27038 THOMAS, G. Irrigation project at Lake Gargelligo [Australia]. Country Life [Sydney] 57(10): 19. Sept. 7, 1945. 286.85 Sy2
- 27039 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1943. Pt. 2, South Atlantic slope and eastern Gulf of Mexico Basins. U. S. Geol. Survey. Water-Supply Paper 972, 503 p. Washington, 1945. 407 G29W
- 27040 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1943. Pt. 5, Hudson Bay and upper Mississippi River Basins. U. S. Geol. Survey. Water-Supply Paper 975, 412 p. Washington, 1945. 407 G29W
- 27041 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1943. Pt. 6, Missouri River Basin. U. S. Geol. Survey. Water-Supply Paper 976, 470 p. Washington, 1945. 407 G29W
- 27042 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1943. Pt. 12, Pacific slope basins and upper Columbia River Basin. U. S. Geol. Survey. Water-Supply Paper 982, 257 p. Washington, 1945. 407 G29W



27043 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1943. Pt. 12, Pacific slope basins in Washington and upper Columbia River Basin. U. S. Geol. Survey. Water-Supply Paper 982, 257 p. Washington, 1945. 407 G29W

27044 WARREN, M. A. Artesian water in south-eastern Georgia, with special reference to the coastal area; well records. Ga. Geol. Survey. B. 49-A, 83 p. Atlanta, 1945. 406 G29B

27045 YOULL, J. G. The 1945-46 irrigation season. C. S. I. R. Irrig. Res. Sta., Griffith. Farmers' Newsletter. 6, p. 2-3. Aug. 1945. 55.9 G87

#### Erosion and Erosion Control

27046 ALARCON CH., P. J. Discusiones agrónomicas. Agr. Trop. 1(7): 40-45. Aug. 15, 1945. 26 Ag8

Terracing as a means of controlling soil erosion.

27047 BENNETT, H. H. Food and soil. Tex. Co-op. News 25(5): 3. Sept. 15, 1945. 72.9 T315F  
Benefits of conservation farming.

27048 BENNETT, H. H. Soil conservation among the 48 States. State Govt. 18: 173-176. Oct. 1945. 280.8 St2

27049 \*BLAGONRAVOV, P. F. Bor'ba s erozijs' pochvy na vinogradnikakh [Control of soil erosion in the vineyards]. Vinodel. i Vinograd. SSSR 4(9): 20-24. Sept. 1944. 95.8 V77

27050 BUIE, T. S. Organic matter holds the soil. South. Agr. 75(10): 38. Oct. 1945. 6 So83

27051 CORTI, G. La erosión de los suelos. Vinos, Viñas y Frutas 41: 117-118. Aug. 1945. 9 Ag89

27052 EDMISTER, T. W., and CRABB, G. A., JR. Losing farms by the truckload. Va. State Soil Conserv. Com. Pam. 1, 4 p. Blacksburg, 1944. 56.9 V81P  
Soil erosion.

27053 EMERSON, A. W. Build your own terraces. Business of Farming 4(2): 10. 1945. 6 B96

27054 EVANS, T. R. Less soil erosion, more fish. Minn. Dept. Conserv. Conserv. Volunteer 8(48): 29-30. Sept./Oct. 1945. 279.8 C765  
Control of stream-bank erosion.

27055 G., M. C. Erosion survey [in Pennsylvania]. Pa. Farmer 133: 165, 189. Oct. 13, 1945. 6 P383

27056 GASTON, T. L. New Zealand and erosion. Soil Conserv. 11: 91-92. Oct. 1945. 1.6 So3S  
Regulations relating to control of erosion.

27057 GOWDER, M. T. Water must be managed. Prog. Farmer, Ky.-Tenn. Ed. 60(10): 66. Oct. 1945. 6 P945K  
Control of runoff and erosion.

27058 HULL, W. X. "In-service" training pays. Agr. in the Americas 5: 187-189, 194. Oct. 1945. 1 F752A

Training Latin American agricultural technicians in the practices of soil conservation, by the U. S. Soil Conservation Service.

27059 HULL, W. X. Neighbors at the groundline. Land [Baltimore] 4: 308-312. Summer 1945. 279.8 L22

The U. S. Soil Conservation Service program for training Latin Americans in soil conservation.

27060 LEADLEY, T. Build your own terraces. Nebr. Farmer 87(19): 1, 16. Oct. 6, 1945. 6 N27

27061 LEY, I. H. Soil conservation program. Amer. Farm Youth 11(5): 39. Oct. 1945. 6 Am393

27062 LORD, R. A land made over. Land [Baltimore] 4: 313-320. Summer 1945. 279.8 L22

The movement for land improvement and soil conservation in the United States.

Also in Gt. Brit. Min. Agr. Agriculture 52: 241-245. Sept. 1945. 10 G79J

27063 MCCONNELL, M. Overgrazing does not pay. Cattleman 32(5): 22-23. Oct. 1945. 49 C29  
Range conservation and management.

27064 NETO, J. A., and DIAS, V. Os "cordões em contorno" na restauração dos cafezais. Rev. de Agr. [Piracicaba], 20: 195-198. May/June 1945. 9.2 R324

27065 NETO, J. A. Trabalhos que antecedem a locação dos terraços. Rev. do Algodão 11(101): 6-12. June 1945. 72.8 R322

27066 NEW ZEALAND. DEPT. OF SCIENTIFIC AND INDUSTRIAL RESEARCH. Soil erosion in the high country of the South Island. New Zeal. Dept. Sci. and Indus. Res. B. 92, 72 p. Wellington, 1945. 330.9 N48B

Includes a technical section on soil series of the Island; and colored soil maps in pocket on back cover.

27067 PETERSON, E. T. Build little dams first. Land [Baltimore] 4: 268-273. Summer 1945. 279.8 L22

Importance of soil conservation practices in prevention and control of floods.

27068 SHARPE, G. Reconversion period for American agriculture. W. Va. Dept. Agr. Market B. 29(10): 7. Oct. 1945. 2 W522W

Work of soil conservation districts.

27069 \*SOBOLEV, S. S. Erozijs' pochvy na territorii Ukrainskoj SSR i bor'ba s neju v period vosstanovlenija sel'skogo khoziajstva posle nemetskoj okkupatsii (Soil erosion in Ukraine and its control in the period of post-war farming reconstruction). Pochvovedenie (Pedology), No. 3/4, p. 216-221. 1945. 57.8 P34

English summary.

27070 TERRY, M. Soil erosion in Australia. Geog. J. 105: 121-129. Mar./Apr. 1945. 472 G29

27071 THOMAS, G. Erosion control in the west [Australia]. Country Life [Sydney] 57(8): 18. Aug. 24, 1945. 286.85 Sy2

27072 TINDALL, C. All-out soil protection; a whole community [in Missouri] is terraced and farmed on the contour. Mo. Ruralist 86(19): 1, 23-24. Oct. 13, 1945. 6 R8891

27073 WESTBY, L. A., and HAROLD, L. L. Runoff from water-sealed soil. Engin. News-Rec. 135: 440-441. Oct. 4, 1945. 290.8 En34

27074 WILSON, J. B. The channel-type terrace. South. Agr. 75(10): 39. Oct. 1945. 6 So83

27075 WOOLEY, J. C. Fence and farm on the contour. Impl. & Tractor 70(20): 45, 78. Oct. 6, 1945. 58.8 W41

#### Sanitation

27076 \*HADORN, C. La désinfection des terres et terreaux destinés aux cultures maraichères et horticoles. Rev. Hort. Suisse 18: 45-48. Mar. 1945. 80 R3212

27077 \*JOUIS, E. Sur la désinfection du sol des jardins familiaux. Acad. d'Agr. de France. Compt. Rend. 29: 378-381. June 30/July 7, 1943. 14 P215Bc

#### MATERIALS FOR SOIL IMPROVEMENT

27078 CHADWICK, L. C. Fertilizers' action in the soil. Pt. II. Amer. Nurseryman 82(7): 12, 14, 16-17. Oct. 1, 1945. 80 Am371

27079 CHAPMAN, C. J. What about plow-sole fertilizing? Amer. Fert. 103(8): 7-8. Oct. 20, 1945. 57.8 Am3

27080 \*NAGORE, D. El abono. Cult. Mod. 28: 46-48. Feb. 1945. 15 C89

Physical characteristics of soils; plant nutrition; manures and fertilizers.

#### Primary Materials

27081 BAUER, F. C. When your land needs phosphorus. Successful Farming 43(10): 28, 34-35. Oct. 1945. 6 Sul2

27082 CARLETON, E. A. The persistence of ammonia nitrogen against leaching. Amer. Soc. Agron. J. 37: 781. Sept. 1945. 4 Am34P



27083 \*CATEUX. Au sujet du projet de reprise de l'exploitation des phosphates de la métropole. Acad. d'Agr. de France. Compt. Rend. 29: 100-102. Feb. 3/10, 1943. 14 P215Bc

27084 \*GUSEYNOV, D. M. Novoe fosfatno-organicheskoie udobrenie iz otkhoda neflianoi promyshlennosti - kislogo gudrona i vliianie ego na urozhaï sel'skokhoziaistvennykh kul'tur (New organic phosphate fertilizer from the waste product of the naphta [sic] industry). Akad. Nauk S. S. S. R. Izv. Ser. Biol., No. 1, p. 92-100. 1945. 511 Sa2B

English summary.

27085 \*GUYON, G., COLLIER, D., and ANNE, P. Influence de l'époque d'application et de la nature de la fumure azotée sur blé après betterave en Limagne. Acad. d'Agr. de France. Compt. Rend. 30: 134-136. Feb. 23/Mar. 1, 1944. 14 P215Bc

27086 MEURICE, R., and DEMORTIER, G. Azote nitrique ou azote ammoniacal? Inst. Agron. et des Stas. de Rech. de Gembloux. B. 10(1/4): 142-146. 1941. 105.1 G285

Summaries in Dutch, German, and English.

#### Secondary and Minor Element Materials

27087 CAMP, A. F. Zinc as a nutrient in plant growth. Soil Sci. 60: 157-164. Aug. 1945. 56.8 So3

27088 COOPER, H. P. Certain factors affecting the availability, absorption, and utilization of magnesium by plants. Soil Sci. 60: 107-114. Aug. 1945. 56.8 So3

27089 CROCKER, W. Sulfur deficiency in soils. Soil Sci. 60: 149-155. Aug. 1945. 56.8 So3

27090 DRAPER, G. C. More interest in sulphur. Citrus Leaves 25(10): 7. Oct. 1945. 80 C492

Effects of sulfur on the soil.

27091 GOLDSCHMIDT, V. M. The geochemical background of minor-element distribution. Soil Sci. 60: 1-7. July 1945. 56.8 So3

27092 HARMER, P. M., and BENNE, E. J. Sodium as a crop nutrient. Soil Sci. 60: 137-148. Aug. 1945. 56.8 So3

27093 HOAGLAND, D. R. Molybdenum in relation to plant growth. Soil Sci. 60: 119-123. Aug. 1945. 56.8 So3

27094 \*LEROUX, D. Le manganèse "assimilable" du sol. Acad. d'Agr. de France. Compt. Rend. 30: 255-259. May 10/17, 1944. 14 P215Bc

27095 MCHARGUE, J. S. The rôle of manganese in agriculture. Soil Sci. 60: 115-118. Aug. 1945. 56.8 So3

27096 MITCHELL, R. L. Cobalt and nickel in soils and plants. Soil Sci. 60: 63-70. July 1945. 56.8 So3

27097 RALEIGH, G. J. Silicon in plant growth. Soil Sci. 60: 133-135. Aug. 1945. 56.8 So3

27098 ROACH, W. A. Soil fertility and trace elements. Soil Conserv. 11: 90-91. Oct. 1945. 1.6 So3S

27099 ROGERS, H. T. Alfalfa and some legumes need boron. This Month in Rural Ala., Oct. 1945, p. 5. 6 T34

27100 WHEELER, S. C., and HARWOOD, W. L. Soil sulphur in southern California. Calif. Fruit and Veg. Rev. 6(7): 33. Oct. 1945. 80 C1224

#### Fertilizer Statistics

27101 CANADA. DEPT. OF TRADE AND COMMERCE. DOMINION BUREAU OF STATISTICS. The fertilizer trade in Canada, July 1, 1943-June 30, 1944, 9 p. Ottawa, 1945. 57.9 C162

27102 MARAIS, A. Fertiliser prospects for next year. Farmer's Weekly [Bloemfontein], 70: 35. Sept. 19, 1945. 24 F225

27103 MARAIS, A. Fertilizer position. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 152, 2 p. Pretoria, 1945. 24 So82Pa

27104 NEXT season's fertilisers. North. Ireland. Min. Agr. Monthly Rpt. 20: 140-142. Sept. 1945. 256.13 Ag82M

27105 NOBLE, W. California fertilizer use. Calif. Citrog. 30: 406-407. Oct. 1945. 80 C125

#### Mineral Soil Amendments

27106 BLAIR, E. C. Why we use lime. South. Agr. 75(10): 41. Oct. 1945. 6 So83

#### Manures and Composts

27107 AMON-WILKINS, J. Organic farming unawares. Organic Gard. 7(6): 53-54. Nov. 1945. 56.8 Or3

Use of organic fertilizers.

27108 BACAL, B. La industrialización de la turba aumenta la producción agrícola. Indus. Azucarera 51: 470, 472-473. Aug. 1945. 65.8 In22

27109 \*BARBIER, G. Le problème de l'humus dans les exploitations ayant abandonné l'élevage. Acad. d'Agr. de France. Compt. Rend. 29: 526-530. Dec. 8/22, 1943. 14 P215Bc

27110 CARLETON, M. Composts and artificial manures. Flower Grower 32: 486-487, 502-503. Oct. 1945. 80 M72

Importance to soil fertility.

27111 DOBIE, MRS. J. F. The Indore process of composting. South. Home and Gard. 13(4): 22, 33. Oct. 1945. 80 So824

27112 EKSTEEN, L. L. Compost in the production of maize. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 151, 2 p. Pretoria, 1945. 24 So82Pa

27113 GUTFELD, S. P. The preparation of organic manures. (In Hebrew.) Hassadeh 25: 454-456. July 1945. 26 H27

27114 HILL, M. W. Gardening in modern China. Organic Gard. 7(6): 51-52. Nov. 1945. 56.8 Or3

Use of human excreta as fertilizer.

27115 MACKAY, A. T. The deep roots of compost. Organic Gard. 7(6): 41-44. Nov. 1945. 56.8 Or3

Early history of the use of compost.

27116 MILLER, V. L. Limed litter and its fertilizer value. Washcoegg 23(5): 10, 23. Oct. 1945. 47.8 W27

27117 MORALES ANTEQUERA, C. Agricultores españoles: defendidos 500 millones de pesetas que se pierden anualmente. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 399-405. Madrid, 1945. 15 Spl2C

Farm manures.

27118 RODALE, J. I. The chicken-dropping pit. Organic Gard. 7(6): 55-57. Nov. 1945. 56.8 Or3

27119 S., A. Value of peat moss litter. Pop. Gard. 47: 235. Sept. 22, 1945. 80 G1622

27120 TURK, L. M. Sawdust as a soil amendment and a mulch. Amer. Rose Ann. 1945: 63-65. 81 Am31A

#### FORESTRY

#### FOREST ECONOMICS AND POLICY

27121 AMERICAN PHILOSOPHICAL SOCIETY. Symposium on forestry and the public welfare. Amer. Phil. Soc. Proc. 89: 399-488. July 18, 1945. 500 P533

27122 BEDARD, A. Importance de nos richesses forestières; nécessité de les sauvegarder et de les exploiter sagement. Forêt Québécoise 10: 239-244. Oct. 1945. 99.8 F79

27123 BLEFGEN, T. F. Post-war reconstruction plans in Alberta. Canad. Soc. Forest Engin. Rpts. and Papers 36: 28. 1944. 99.9 C167



27124 BRITAIN'S forestry plan. Amer. Forests 51: 491, 518. Oct. 1945. 99.8 F762

27125 CREIGHTON, G. W. I. Post-war planning and rehabilitation in Nova Scotia. Canad. Soc. Forest Engin. Rpts. and Papers 36: 13. 1944. 99.9 C167

27126 CUNNINGHAM, R. N. Minnesota forest industries facing problems of immediate reconversion. Miss. Val. Lumberman 76 (42): 7, 19. Oct. 19, 1945. 99.81 M69

27127 [FOREST industries present final argument to Sloan Commission of Enquiry into the Forest Resources of British Columbia.] Brit. Columbia Lumberman 29(9): 33-34, 50, 52, 55-56, 58. (Concl.) Sept. 1945. 99.81 B77

27128 \*G., G. Une heureuse initiative en faveur du reboisement. Rev. des Eaux et Forêts 79: 82-85. Feb. 1941. 99.8 R322

System of forest insurance.

27129 GOOD forestry in the South; the cost of growing trees. Pulp and Paper Indus. 19(10): 28-30. Oct. 1945. 302.8 P11

27130 \*GRANGER, A. A propos des ventes de forêts. Bois et Résineux 24(1196): 1. June 29, 1941. 99.82 B63

27131 JOHNSON, T. H. Timber marketing in Perry County, Ohio. Ohio Forest News, No. 42, p. 19-22. May 1945. 99.8 Oh32

27132 LEGETT, A. A. "Tomorrow's forestry." (Excerpts.) Miss. Forests and Parks 10(6): 6-10. Aug. 1945. 99.8 M694

27133 \*LLEÓ SILVESTRE, A. Evolución y persistencia del interés económico-social de los bosques. Montes 1: 39-44. Mar./Apr. 1945. 99.8 M763

27134 MCCULLOCH, W. F. Forest conservation in Oregon. Oreg. State Col. Forestry Club Ann. Cruise 26: 11-12. 1945. 99.9 Or34

27135 MERCIER, T. La forêt et la colonisation. Forêt Québécoise 10: 257-259. Oct. 1945. 99.8 F79

Community exploitation of forests.

27136 MERRILL, P. H. A forestry plan. State Govt. 18: 177, 189. Oct. 1945. 280.8 St2

27137 PRAT, C. Pour la mise en valeur des richesses nationales; la forêt de Gascogne. Bois et Résineux 24(1191): 1; (1198): 1; (1204): 1. May 25-Sept. 7, 1941. 99.82 B63

27138 REYNOLDS, H. A. More about the small holding. J. Forestry 43: 713-714. Oct. 1945. 99.8 F768

On the role of the private forestry consultant in the management of small forest holdings.

27139 \*SAUR, H. Un codice veneziano del "1600" per le acque e le foreste. Rev. des Eaux et Forêts 79: 119-122. Feb. 1941. 99.8 R322

Text in French.

A plan for the restoration of the mountains.

27140 SCHMITT, P. Forest conservation. Iowa Conserv. 4: 170. Oct. 15, 1945. 279 Io92

27141 STEINHAMAR, S. What is wrong with Canadian forestry? Forestry Chron. 21: 193-195. Sept. 1945. 99.8 F7623

27142 STOECKELER, J. H. Some notes on forestry in Argentina. J. Forestry 43: 760-761. Oct. 1945. 99.8 F768

27143 UNITED NATIONS INTERIM COMMISSION ON FOOD AND AGRICULTURE. TECHNICAL COMMITTEE ON FORESTRY AND PRIMARY FOREST PRODUCTS. Report. United Nations Interim Comm. on Food and Agr. Rpt. 3, 47 p. Washington, D. C., 1945. 389.9 In87R

Henry S. Graves, Chairman of Committee.

27144 WIESEHUEGEL, E. G. Forest regulation through statutory allocation of cut. J. Forestry 43: 715-717. Oct. 1945. 99.8 F768

### Legislation

27145 \*GÉNEAU, G. La législation forestière sous l'ancien régime. Les ordonnances du XIV<sup>e</sup> siècle et du début du XVI<sup>e</sup>. Rev. des Eaux et Forêts 79: 27-40. (Cont.) Jan. 1941. 99.8 R322

### FOREST DESCRIPTION AND RESOURCES

27146 BROWN, N. C. A forestry adventure in Italy. Yale Forest School News 33: 60-61. Oct. 1945. 99.8 Y1

27147 \*BUFFAULT, P. Les forêts des États-Unis. Rev. des Eaux et Forêts 79: 166-178. Mar. 1941. 99.8 R322

27148 CALLAHAN, J. P. Experiments in Florida swamplands yield tropical hardwoods. Furniture Mfr. 60(9): 26. Sept. 1945. 300.8 F982

27149 HORN, E. F. Commercial timbers of Brazil, 1,500,000 square miles of forest resources. Brazilian Business 15: 237-242, 260, 262, 266, 268, 270, 272. May/June 1945. 286.8 B732

27150 LINN, E. R. Louisiana - southern forestry's proving ground. Amer. Forests 51: 494-497. 506. Oct. 1945. 99.8 F762

Preview of findings of Forest Resource Appraisal of American Forestry Association.

27151 MCCARDELL, W. H. What is happening to British Columbia's forests? Forest & Outdoors, Oct. 1945, p. 255-256, 275. 99.8 C16

27152 MERRIAM, J. C. The National Tribute Grove [of redwood trees]. Natl. Parks Mag., No. 83, p. 19-23. Oct./Dec. 1945. 98.69 N21

27153 \*MORIZE. Les mélèzeins des Hautes-Alpes, leur culture et leurs produits. Rev. des Eaux et Forêts 79: 319-326. May 1941. 99.8 R322

27154 O'BYRNE, W. The job ahead in forestry. Gard. Gossip 20(10): 13-15. Oct. 1945. 80 G1625

Situation and outlook in Virginia forests.

27155 SWAN, K. D. What forests mean to Montana farmers. Mont. Farmer 32(24): 1, 27. Aug. 15, 1945. 6 M764

Forest resources of Montana.

### Individual Genera and Species

27156 BRUSH, W. D. Silver fir, *Abies amabilis* (Dougl.) Forb. Amer. Forests 51: 498-499. Oct. 1945. 99.8 F762

27157 FORS, A. J. Utilidad del eucalipto [sic]. Agronomía [Habana] 5: 150-152. Aug. 1945. 8 C893

### FOREST ADMINISTRATION AND MANAGEMENT

27158 \*LORIOU, DE. Les taillis sous futaies de la plaine de la Saône [France]. Rev. des Eaux et Forêts 79: 11-26. Jan. 1941. 99.8 R322

27159 SEIGWORTH, K. J. Forest management on private lands in the Tennessee Valley. J. Forestry 43: 705-709. Oct. 1945. 99.8 F768

27160 SPURR, S. H. Armchair forestry that pays. Amer. Forests 51: 486-488. Oct. 1945. 99.8 F762

Use of aerial photography in forest management.

### Farm Woodlands

27161 DENUYL, D. Farm woodlands should not be grazed. J. Forestry 43: 729-732. Oct. 1945. 99.8 F768

27162 LOCKE, S. S. Income from farm woodlands. J. Forestry 43: 723-727. Oct. 1945. 99.8 F768

Comment, by J. F. Preston, p. 727-728.

27163 LOUI, D. Joe [Streiker] makes his woodlot pay. Prairie Farmer, Ind. Ed. 117(21): 8. Oct. 13, 1945. 6 P883C

27164 MITCHELL, H. C. Forests as a farm cash crop. Farm and Ranch 64(10): 20, 22. Oct. 1945. 6 T31



27165-27195

## BIBLIOGRAPHY OF AGRICULTURE

27165 NEEDHAM, J. F. Farm forestry in five southeastern Ohio counties. Ohio Forest News, No. 42, p. 29-30. May 1945. 99.8 Oh32

Mensuration

27166 SCHRAMM, W. O. A short cut in estimating farmwoods volume. Ohio Forest News, No. 42, p. 31-33. May 1945. 99.8 Oh32

## FOREST PROTECTION AND DAMAGE

Articles on diseases of trees are listed under Pathology in the Plant Science section; articles on forest insects in the Entomology section.

27167 \*AUBERT, C. G. Protection de la forêt contre l'homme. Rev. des Eaux et Forêts 79: 233-241. Apr. 1941. 99.8 R322

Various types of direct and indirect damage done to forests by man, and preventive measures.

27168 LEMAY, N. Objectives of forest protective division outlined. Timber Topics 8(3): 2-3, 12. Sept./Oct. 1945. 99.81 T486

Fire

27169 COFFMAN, J. D. The 1945 forest fire season in the national parks. Natl. Parks Mag., No. 83, p. 12. Oct./Dec. 1945. 98.69 N21

27170 DURRELL, G. R. Southern foresters unite against the forest fire enemy. Forest Farmer 5(1): 1, 6. Oct. 1945. 99.8 F7692

27171 KELLY, C. P. President Kelly urges members [of Forest Farmers Association Cooperative] to lead in prevention campaign. Forest Farmer 5(1): 1-2. Oct. 1945. 99.8 F7692

27172 KIRCHER, J. C. Regional forester states need for fire prevention. Forest Farmer 5(1): 1, 6. Oct. 1945. 99.8 F7692

27173 LITTLE, S. Influence of fuel types on fire danger. J. Forestry 43: 744-749. Oct. 1945. Ref. 99.8 F768

27174 LOS ANGELES (COUNTY). FIRE DEPT. Annual report, 1944/45, 55 p., processed. Los Angeles, 1945. 99.9 L89

Includes Dept. of Forester and Fire Warden and Fire Protection Districts.

27175 MCCULLOCH, W. F. Footnote to "Direct seeding of Douglas-fir in the Tillamook Burn." J. Forestry 43: 763-764. Oct. 1945. 99.8 F768

Thoughts on forest fires, prompted by the third Tillamook burn.

Meteorological Injuries

27176 \*AUBERT, C. G. Protection de la forêt contre les accidents météoriques et météorologiques. Rev. des Eaux et Forêts 79: 107-113. Feb. 1941. 99.8 R322

27177 \*NOËL, P. Observations forestières en Lorraine pendant l'hiver 1940. Rev. des Eaux et Forêts 79: 189-193. Mar. 1941. 99.8 R322

Damage to forests by freezing rains and winds.

## SILVICULTURE

See Items 26550-26564

## LUMBERING

27178 KRISOFF, A. We fought with a sawmill. Amer. Forests 51: 480-481. Oct. 1945. 99.8 F762

Army lumbering operations in the South Pacific.

Equipment

27179 FOYSTER, J. R. The "Foyster-Drabble" saw. Timber Trades J. 175: 57-58. Oct. 13, 1945. 99.81 T48

Logging

27180 BENTLEY, B. H. Suggestions for improved forest harvesting. Ohio Forest News, No. 42, p. 23-25. May 1945. 99.8 Oh32

27181 HOOVER, M. D. Careless skidding reduces benefits of forest cover for watershed protection. J. Forestry 43: 765-766. Oct. 1945. 99.8 F768

Danger of erosion on logging roads and methods of minimizing damage.

27182 ORR, T. J., JR. Selective marking in ponderosa pine on a Klamath Falls tree farm. J. Forestry 43: 738-741. Oct. 1945. 99.8 F768

Lumber Industry

27183 HUFF, R. M. Adversity's heir; the Green Lumber Company's story. South. Lumberman 49(10): 30-79. Oct. 10, 1945. 99.81 So8

27184 KENDALL, H. T. What post-war reconversion means for the lumber industry. Brit. Columbia Lumberman 29(9): 38, 60. Sept. 1945. 99.81 B77

Also in Wood Prod. 50(10): 24. Oct. 1945. 99.82 W856

Sawmills

27185 ELLIS, B. R. Post-war problems of southern hardwood manufacturers. South. Lumberman 171(2148): 37. Oct. 1, 1945. 99.81 So82

27186 GOFF, C. C. Standardization; what does it cost to cut lumber - and why? West Coast Lumberman 72(10): 79, 115. Oct. 1945. 99.81 W52

On the importance of determining costs of various operations in sawmills.

27187 MITCHELL, T. Sawmills - ancient and modern; ingenious features of early sawmills compared with highly efficient equipment of present day mills. Canada Lumberman 65(20): 12-14, 26. Oct. 15, 1945. 99.81 C16

27188 OTTER, J. R. Circular sawmills - their equipment and operation. Chapter II. Sawmill details. South. Lumberman 171(2149): 60, 62, 64, 66, 68. Oct. 15, 1945. 99.81 So82

27189 ZINKE, P. J. Sawmill in Valbruna [Italy]. J. Forestry 43: 759-760. Oct. 1945. 99.8 F768

## WOOD TECHNOLOGY

27190 GRAHAM, P. H. Wood technology, more research needed. Furniture Mfr. 60(9): 22. Sept. 1945. 300.8 F982

Chemical and Physical Properties

27191 LEWIS, H. F., and others. Redwood products as inhibitors of oxidation in petroleum hydrocarbons. Inhibition of oxidation in mineral oils. Indus. and Engin. Chem., Indus. Ed. 37: 988-990. Oct. 1945. 381 J825

M. A. Buchanan, D. Frommuller, and E. F. Kurth, joint authors.

27192 TIEMANN, H. D. Measurement of moisture in wood. South. Lumberman 171(2149): 57-58. Oct. 15, 1945. 99.81 So82

Preservative Treatment

27193 ANGELL, H. W. Getting the most from treated lumber. A summary of the factors that affect treatability and the performance in service of pressure-impregnated wood. West Coast Lumberman 72(10): 80, 82, 85-86. Oct. 1945. 99.81 W52

27194 BRIMBLECOMBE, A. R. and COOK, G. L. Investigation of the boric acid treatment of white cheesewood (Alstonia scholaris). Austral. Timber J. 11: 329, 331. Aug. 1945. (Madison Sub-Branch Libr.)

27195 PENTACHLOROPHENOL, an ideal wood preservative. Down to Earth 1(2): 1-5. Aug. 1945. 381 D75



27196 VON GOEHDE, H. L. Use of wood preservatives. Market Growers J. 74(10): 45. Oct. 1945. 6 M34

Naphthenic acid and metallic naphthenates.

27197 WOOD preserving statistics for 1944; total output increased 6.3 per cent. Ties increased 10 per cent, poles 48 per cent. Wood Preserv. News 23: 92-94. Oct. 1945. 300.8 W853

#### Seasoning and Conditioning

27198 HIRT, R. R., and LOWE, J. L. Danger of decay in poorly seasoned lumber. J. Forestry 43: 717-718. Oct. 1945. 99.8 F768

#### FOREST PRODUCTS

27199 ARBOGAST, W. E. Wanted - buckeye, bass-wood, and willow for artificial limbs. Ohio Forest News, No. 42, p. 26-27. May 1945. 99.8 Oh32

27200 BERTRAND, G., and BROOKS, G. Sur le rendement en furfural des principaux bois indigènes. Ann. des Ferment. 6: 298-304. Dec. 1941. 390.08 An72

27201 FLOYD, J. W. Manufacture of excelsior from aspens is new Utah industry. Utah Farmer 65 (5): 13. Oct. 10, 1945. 6 D45

27202 \*KAUFMANN, F. Die herstellung von baum-pfählen. Schweiz. Gart., Np. 11, p. 340-341. Nov. 1944. 80 Sch93

27203 LATTA, R. Christmas tree quality improved by methyl bromide fumigation. (Sci. note.) J. Econ. Ent. 38: 398. June 1945. 421 J822

Prevention of defoliation of needles and the keeping quality of fir and spruce.

27204 \*MARTÍNEZ HERMOSILLA, P. La industria de la destilación de leñas. El método Guinot en la recuperación directa del ácido acético. Montes 1: 63-68. Mar./Apr. 1945. 99.8 M763

27205 NEW YORK. STATE COLLEGE OF FORESTRY, SYRACUSE UNIVERSITY. Conference report on new developments in wood products. 144 p. Syracuse, 1944. (Its bulletin.) 99.9 N486B

Partial contents: Wartime wood products in Sweden, by E. C. Jahn, p. 21-29; Methylolurea transmuted wood, by J. F. T. Berliner, p. 29-34; Recent developments in fire resistant treatments of wood, by F. A. Hartman, p. 34-40; High frequency heating applied to wood products, by P. D. Zottu, p. 41-53; The influence of modern glues on the utilization of wood, by W. F. Leicester, p. 53-63; New uses of glued-laminated timber structures, by V. Ketchum, p. 63-77; Synthetic resin lamination for marine use, by C. D. Dosker, p. 77-85; The problem of wood research, by C. Rishall, p. 86-96; Looking forward in forestry education, by J. S. Illick, p. 99-110; New wood products in our future economy, by G. W. Trayer, p. 110-115; Recent developments in cellulose and lignin plastics, by F. C. Peterson, p. 116-128; Recent developments in pulp and paper products, by L. A. Beeman, p. 128-135; The outlook for wood-using industries in New York State, by M. P. Catherwood, p. 135-141.

27206 NORTHEASTERN WOOD UTILIZATION COUNCIL. Report of progress, 1942-1945. Northeast. Wood Util. Council. B. 4, 3 p. New Haven, 1945. 99.9 N819

27207 PATTERSON, C. L. Demand for Christmas trees. Family Herald and Weekly Star 76(42): 21. Oct. 17, 1945. 7 F21

27208 RISI, J. La parade des produits forestiers; de l'allumette au piano. Forêt Québécoise 10: 207. Oct. 1945. 99.8 F79

#### Barrels, Boxes, and Crates

27209 CROKE, S. Lumber container standards in Canada. Barrel and Box and Packages 50(10): 8. Oct. 1945. 99.82 B27

27210 HAINES, E. Recalling the hand made barrel shop [i. e. hoop]. Barrel and Box and Packages 50(10): 20. Oct. 1945. 99.82 B27

27211 WAGNER, J. B. How to reduce w-a-s-t-e in making cooperage stock. Barrel and Box and Packages 50(10): 16-17. Oct. 1945. 99.82 B27

#### Building Construction

27212 CLARK, H. P. Use of wood in residential construction. Timber of Canada 6(1): 63. Sept. 1945. 99.81 T487

27213 FALUDI, E. G. European housing; in view of the vast reconstruction coming in Europe the export market for Canadian timber should expand. Timber of Canada 6(1): 87-101. Sept. 1945. 99.81 T487

A survey of modern developments in wood construction, including prefabrication, in Europe.

27214 HUNTER, P. R. Building goals realized through plastics. Pacific Plastics 3(10): 26-29. Oct. 1945. 309.8 P12

Use of plastic-bonded plywood in building.

27215 LECLAIR, W. F. Wood construction and housing. Timber of Canada 6(1): 51-55. Sept. 1945. 99.81 T487

27216 WILLS, R. B. Use of wood in residential construction. Timber of Canada 6(1): 81. Sept. 1945. 99.81 T487

27217 YOST, L. M. Wood's major role; imagination and proper exploitation of its versatility guarantees wood as the natural material for our homes. Timber of Canada 6(1): 74-80. Sept. 1945. 99.81 T487

#### Charcoal

27218 \*BALLU, T. Nouveaux procédés de carbonisation. Bois et Résineux 24(1193): 1. June 8, 1941. 99.82 B63

#### Furniture

27219 BOOTH, F. L. Manufacturing veneered bedroom suites. Veneers and Plywood 39(10): 10, 12-13. Oct. 1945. 99.82 V55

27220 SMITH, W. T. Color uniformity in cabinet finishing. Wood Prod. 50(10): 32, 34. Oct. 1945. 99.82 W856

#### Naval Stores

27221 \*BRUS, G. L'échantillonnage et l'analyse des gemmes. Bois et Résineux 24(1191): 1-2. May 25, 1941. 99.82 B63

27222 \*BRUS, G. Les qualités de l'essence de térébenthine. Bois et Résineux 24(1210): 1. (Cont.) Oct. 19, 1941. 99.82 B63

27223 \*BRUS, G. Le traitement de la gemme. Bois et Résineux 24(1198): 1-2. July 13, 1941. 99.82 B63

27224 \*BUFFAULT, P. Résiniers d'autrefois. Rev. des Eaux et Forêts 79: 114-118. Feb. 1941. 99.8 R322

#### Plastics

27225 BARBER, R. W. Use of various papers in laminates. Paper Mill News 68(39): 128, 130-131. Sept. 29, 1945. 302.8 P195

27226 ENGLERT, R. D., and FRIEDMAN, L. Testing plastics from Scholler lignin. Pacific Plastics 3(10): 38, 40. Oct. 1945. 309.8 P12

#### Pulp and Paper

27227 FOWLER, R. M. Future of the pulp and paper industry. Paper Mill News 68(40): 10, 12. Oct. 6, 1945. 302.8 P195

27228 GEHM, H. W. Trends in handling pulp and paper mill waste. Sewage Works Engin. 16: 496-497, 528. Oct. 1945. 449.8 M92



27229 INSTITUTE OF PAPER CHEMISTRY. Instrumentation studies. II. Penetration of papers by water vapor. V. Methods for measuring vapor and gas permeability - a bibliographical study. Paper Trade J. 121 (TAPPI Sect.): 151-160. Oct. 18, 1945. 302.8 P196

27230 IZVEKOV, A. Soviet paper & cellulose industry, heavy destruction by the Nazis. World's Paper Trade Rev. 124: 832, 835. Oct. 12, 1945. 302.8 W89

27231 JACKSON, D. T. Some applications of pulp and paper in the plastics industry. World's Paper Trade Rev. 124: 659-660, 696, 698. (Cont.) Sept. 21, 1945. 302.8 W89

27232 JAHN, E. C. More about Swedish pulping practice. TAPPI B., No. 56, p. 1-3. July 21, 1945. 302.8 T16

27233 KRESS, O. Development of high sulphidity in kraft cooking liquors. Paper Mill News 68(39): 67-68, 70, 72, 74. Sept. 29, 1945. 302.8 P195

27234 MACDONALD, R. G. The revolution in paper and paperboard. TAPPI B., No. 52, p. 1-3. May 12, 1945. 302.8 T16

27235 PYLE, J. J. Recent plastics developments of interest to the pulp and paper industry. Pulp and Paper Indus. 19(10): 62-63. Oct. 1945. 302.8 P11

27236 SWEATT, H. B. Animal glue as a paper sizing and coating adhesive. Paper Indus. and Paper World 27: 711-712, 718, 882-884. Aug., Sept. 1945. 302.8 P1923

27237 VINCENT, G. P. German research on the use of sodium chlorite in the manufacture of wood pulp and cellulose. Paper Indus. and Paper World 27: 880-881, 884. Sept. 1945. 302.8 P1923

Digesting cellulosic raw materials in sodium chlorite.

27238 WISE, L. E. Organic chemistry in paper-making. Paper Indus. and Paper World 27: 889-893. Sept. 1945. 302.8 P1923

27239 WOODSIDE, V. A review of pulp bleaching. III. Bleaching processes. Paper Mill News 68(39): 91-92, 94, 96, 98. Sept. 29, 1945. 302.8 P195

#### Tanning Materials

27240 FRYCKBERG, M. Gifts of the Americas, mangrove bark. Agr. in the Americas 5: 199. Oct. 1945. 1 F752A

#### Veneers and Plywood

27241 MUELLER, L. A. The Forest Products Laboratory devises transparent veneer-clipper safety guards. Wood Prod. 50(10): 38, 40, 42. Oct. 1945. 99.82 W856

27242 WILLIAMS, A. W. Plywood for refrigerators. Veneers and Plywood 39(10): 26. Oct. 1945. 99.82 V55

#### MISCELLANEOUS

27243 FORTIER, P. Le visage forestier du Québec. Forêt Québécoise 10: 183-185. Oct. 1945. 99.8 F79

Photographic exhibit.

27244 HILAIRE. Le club 4-H de Rivière-du-Loup gagne le grand prix de l'Association Forestière Québécoise. Forêt Québécoise 10: 189-191. Oct. 1945. 99.8 F79

Prize awarded for 4-H Club forestry work.

27245 MACKEY, C. Forest shrine, the story of Mount Hermon, Calif. Amer. Forests 51: 482-485, 517. Oct. 1945. 99.8 F762

#### Education

27246 DUNN, P. M. Forestry education and the future. Oreg. State Col. Forestry Club. Ann Cruise 26: 1-2. 1945. 99.9 Or34

27247 GARRATT, G. A. A look ahead [for the Yale School of Forestry]. Yale Forest School News 33: 58-59. Oct. 1945. 99.8 Y1

27248 HOSLEY, N. W. Postwar problems in forestry education. North Amer. Wildlife Conf. Trans. (1945) 10: 209-212. 412.9 N814

27249 ROBINSON, D. D. Extension forestry and the school. Oreg. State Col. Forestry Club. Ann. Cruise 26: 21-22. 1945. 99.9 Or34

27250 THOMSON, T. The training of forest officers in Britain. J. Forestry 43: 742-743. Oct. 1945. 99.8 F768

#### Forest Influences

27251 ZON, R. Tree planting on the steppes of Russia. Agr. Com. Amer.-Soviet Friendship. Release 36, 1 p. Lima, Ohio, 1945. 20 Ag89

Windbreaks.

#### Wildlife

27252 BARICK, F. B. Environmental analysis of forest edges in relation to wildlife. North Amer. Wildlife Conf. Trans. (1945) 10: 126-136. 412.9 N814

27253 ELLIOTT, C. Woodman, spare that "wolf" tree. Amer. Forests 51: 489-490. Oct. 1945. 99.8 F762

Value of wolf trees and snags as homes for forest wildlife.

27254 FEARNOW, T. C. Forest wildlife and national forest land management practices. North Amer. Wildlife Conf. Trans. (1945) 10: 104-111. 412.9 N814

27255 FREEBURN, C. C. Proposed management of forested game lands in Pennsylvania. North Amer. Wildlife Conf. Trans. (1945) 10: 112-118. 412.9 N814

27256 HAMILTON, W. J., JR., and COOK, D. B. Small mammals and the forest. North Amer. Wildlife Conf. Trans. (1945) 10: 137-139. 412.9 N814

27257 HERBERT, P. A. Observations on the incompatibility [sic] of wood and game production. North Amer. Wildlife Conf. Trans. (1945) 10: 119-125. 412.9 N814

27258 HOSLEY, N. W. Forest lands and wildlife; introductory remarks. North Amer. Wildlife Conf. Trans. (1945) 10: 102-103. 412.9 N814

27259 LEBARRON, R. K., and ALDOUS, S. E. Jack pine vs. deer browse; future tree supply is jeopardized. Minn. Dept. Conserv. Conserv. Volunteer 8(48): 23-24. Sept./Oct. 1945. 279.8 C765

27260 TITUS, H. Timber and game - twin crops. North Amer. Wildlife Conf. Trans. (1945) 10: 146-163. 412.9 N814

#### ANIMAL INDUSTRY

##### BREEDS AND BREEDING

27261 CL. The litters of some domestic animals. Ciba Rev., No. 49, p. 1796. Apr. 1945. 306.8 C48

27262 HOWARD, SIR A. Artificial insemination. Organic Gard. 7(6): 49-50. Nov. 1945. 56.8 Or3

27263 LEFROY, E. H. B. Corrective mating as opposed to progeny testing. Past. Rev. 55: 588-589. (To be cont.) Aug. 16, 1945. 23 Au75

27264 RICE, V. A. Systems of breeding; outbreeding or the mating of unrelated animals. Short-horn World 30(13): 6, 78-81. Sept. 25, 1945. 43.8 Sh8

##### FEEDS AND FEEDING

27265 ARANCIBIA LÓPEZ, C. Alimentación del ganado para abasto. Agrario 9(364): 5. June 30, 1945. 9.3 Ag85



- 27266 BOHSTEDT, G. Pasture favors reproduction in livestock. Sheepman 16: 186, 207. Oct. 1945. 45.8 Sh32
- 27267 BURKART, A. Clasificación de los forrajes. Rev. Argentina de Agron. 12: 73-85. June 1945. Ref. 9 R327  
Includes all types of feed.
- 27268 CORRIE, F. E. Some elements of plants and animals. 10. Phosphorus in animal nutrition. Fert., Feed. Stuffs and Farm Supplies J. 31: 567, 569. Sept. 26, 1945. 57.8 F413
- 27269 \*DECOUX, L., VANDERWAEREN, J., and SIMON, M. L'ensilage à l'acide formique du vert et de la pulpe de betterave sucrière. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 207-216. May/June 1944. 66.9 In7  
Summaries in French, Dutch, English, and German.
- 27270 \*DECOUX, L., VANDERWAEREN, J., and SIMON, M. La valeur de la pulpe à teneur élevée en matière sèche. III<sup>e</sup> Communication. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 195-205. May/June 1944. 66.9 In7  
Summaries in French, Dutch, English, and German.  
Sugar-beet pulp as silage.
- 27271 DEITEMEYER, C. If you're feeding soft corn. Successful Farming 43(10): 126, 138. Oct. 1945. 6 Su12
- 27272 DOLZHANSKIĬ, L. 40 tsentnerov kormovykh edinits s gektara. Kolkhoz. Proizvod. 5(4/5): 26-27. Apr./May 1945. 281.8 K83  
Feed production system at the farm of the Timiriāzev Agricultural Academy in Moscow (Moskovskaiia Ordena Lenina Sel'skokhozhfal'stvennaia Akademii imeni K. A. Timiriāzeva).
- 27273 DURHAN, S. Wheat is valuable source of green winter forage in State. Okla. Agr. Col. Ext. Okla. Ext. News 26(10): 4. Sept. 1945. 275.29 Ok410  
Other grains for grazing mentioned.
- 27274 EMSLIE, B. L. Alfalfa valuable source of protein. Canada Poultryman 32(9): 8, 18. Sept. 1945. 47.8 Cl66  
Includes culture.
- 27275 GAY, C. W. The eye of the master. Short-horn World 30(12): 7, 22-23. Sept. 10, 1945. 43.8 Sh8  
Individual attention in feeding livestock.
- 27276 HALL, M. D. Use of vitamin A increases steadily as war boosts shark liver output. Feed Bag 21(9): 30, 103. Sept. 1945. 389.78 F32
- 27277 JOHNSTON, J. B. Nutritional factors in livestock feeding. Cattleman 32(5): 56, 60, 90-92. Oct. 1945. 49 C29
- 27278 KOTZE, J. J. Meat production in the sour grassveld areas. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 141, 2 p. Pretoria, 1945. 24 So82Pa  
Feeding of livestock on pasture.
- 27279 MALTAS, K. J. Soybeans and the future need for protein for livestock. Soybean Digest 5 (11): 54-56. Sept. 1945. 60.38 So9
- 27280 \*NEHRING, K. Futterwert und einsatz von sonnenblumenextraktionsschrot. Landesbauernschaft Moselland. Wchnbl., No. 40, p. 514. Oct. 2, 1943. 18 L2328
- 27281 ROFFLER, R. E. Grass silage. West. Dairy J. 1(10): 38. Aug. 1945. 44.8 W524
- 27282 RUSK, H. P. If we have soft corn. Breeder's Gaz. 110(9): 5, 34. Oct. 1945. 49 B74  
As feed for livestock.
- 27283 THOROLD, C. A. By-product yeast for stock feed purposes. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1944: 59-69. Ref. 65.9 B775  
Discussion, p. 71-73.

- 27284 TRUSOV, V. I. Rol' ot del'nykh aminokisl ot v tele zhivotnykh (On the rôle of amino acids in animal body). Uspekhi Sovremennoi Biol. 19: 155-188. 1945. Ref., p. 183-188. 442.8 Er3
- 27285 VALDIVIA MUNOZ, V. El sistema soiling en la alimentación del ganado. Agrario 9(363): 4. June 15, 1945. 9.3 Ag85
- 27286 \*VOGLER, J. Futterkartoffeln dämpfen und einsäuern! Landesbauernschaft Moselland. Wchnbl., No. 46, p. 827. Nov. 14, 1942. 18 L2328
- 27287 VOGLER, J. Richtiges einsäuern von grünfutter. Landesbauernschaft Moselland. Wchnbl., No. 40, p. 731. Oct. 3, 1942. 18 L2328
- 27288 WEBER, A. D. New facts about livestock feeding. Sheep and Goat Raiser 26(1): 18-19, 30-33. Oct. 1945. 45.8 Sh3
- 27289 WHEELER, H. H. Effect of high vitamin A in the diet of domestic and non-domestic animals. Nature [London] 156: 238. Aug. 25, 1945. 472 N21
- 27290 WILSON, R. W. Of special interest to livestock feeders. Cotton and Cotton Oil Press 46(20): 12. Oct. 6, 1945. 304.8 C822  
Use of dicalcium phosphate.

## VETERINARY MEDICINE

- 27291 ALEXANDER, F. Pharmacological studies on the uterus. J. Compar. Path. and Ther. 55: 140-145. Apr. 1945. 41.8 J82
- 27292 AMERICAN VETERINARY MEDICAL ASSOCIATION. Proceedings of business session, August 21-22, Chicago, Illinois. Amer. Vet. Med. Assoc. J. 107: 173-211. Oct. 1945. 41.8 Am3  
Includes President's address, by J. Farquharson, p. 173-180, and Official roster, 1945-46, p. 212-218.
- 27293 ANGELERI, G. Contributo pratico sull'uso dell'estratto neuroipofisario in ostetricia veterinaria. Clin. Vet. 63: 178-185. May 1940. 41.8 C61
- 27294 BASTERRECHEA. Producción del neutro como animal de abasto. Vida Rural 6(72): 27. (To be cont.) July 1945. 9.4 V66  
Castration.
- 27295 \*BERTHELOU, M. Les perforations utérines chez les femelles domestiques. Rev. de Path. Compar. 41: 418-424. Oct. 1941. 448.8 R326
- 27296 BIOCCA, E. Resistência a reinfecções de Toxoplasma em animais tratados da toxoplasmose experimental com diferentes substâncias quimioterápicas. Arq. de Biol. 29: 82-84. May/June 1945. 442.8 Ar6
- 27297 CAÑAS TRUJILLO, D. T. Los gusanos parásitos de los animales. In Spain. Min. de Agr. Conf. Promovidas en la Emisión Radio Agr., p. 347-352. Madrid, 1945. 15 Sp12C
- 27298 CENTRAL VETERINARY SOCIETY. The lymphatic system in relation to general veterinary practice. Vet. Rec. 57: 439-442, 450-452. (To be cont.) Sept. 29, Oct. 6, 1945. 41.8 V641  
Discussion opened by C. W. Ottaway, E. G. White, D. N. Spriggs, and W. M. Henderson.
- 27299 DYKSTRA, R. R. Preventives. Fort Dodge Bio-chemic Rev. 16(2): 3-5, 11. Fall 1945. 41.8 F772  
Sanitation measures for control of diseases.
- 27300 FLAMENT, R. L'urticaire des animaux domestiques. Terre Maroc. 15(189): 14-15. Aug. 1945. 24 T44
- 27301 GREEN, T. C. Preventable economic losses to livestock. W. Va. Dept. Agr. Market B. 29(10): 14-16. Oct. 1945. 2 W522W  
Injuries and Hypoderma.
- 27302 GROTH, A. H. Those deadly sneaks, the animal parasites. Prog. Farmer, Tex. Ed. 60(11): 66. Nov. 1945. 6 T311



27303-27339

27303 GUARNA, L. Sul metodo proposto da Izar e Famulari per la differenziazione dell Brucelle. Clin. Vet. 63: 325-329. Sept. 1940. 41.8 C61

27304 HAAG, J. R. Toxicity [to livestock] of nematode infested Chewings fescue seed. Science 102: 406-407. Oct. 19, 1945. 470 Sci2

27305 HUGHES, L. E. The advisory services available to farmers [of Great Britain]. Vet. Rec. 57: 431-432. Sept. 22, 1945. 41.8 V641  
Discussion, p. 432.

27306 JONES, G. W. Brucellosis threatens you! Country Book Mag. 5(2): 43-48. Autumn 1945. 6 C836  
Control in man and animals.

27307 KUJUMGIJEFF, I. Esame delle pelli in Bulgaria per mezzo della precipitodiagnostics. "La ascolizzazione" in rapporto con la lotta contro il carbonchio. Clin. Vet. 63: 330-337. Sept. 1940. 41.8 C61

27308 LAMAR ROURA, J. La muerte súbita del ganado y el bejuco marrullero [Urechites lutea]. Rev. Ganad. [Habana] 5(5/6): 5-6. May/June 1945. 49 R321

27309 LEITÃO, J. L. DA S. Parasitoses animais. Rev. de Med. Vet. [Lisboa] 40(312): 15-24. Jan./Apr. 1945. 41.8 R3215

27310 LEITÃO, J. L. DA S. A propósito da morfologia do P[iroplasma] bigeminum (Smith e Kilborne, 1893) estudo de uma estirpe portuguesa dos arredores de Lisboa (Loures). Inst. de Med. Trop. An. 1: 351-364. Dec. 1944. 448.9 L68  
Portuguese, French, and English summaries.

27311 LUCKEY, D. F. A call to research. Fort Dodge Bio-chemic Rev. 16(2): 13. Fall 1945. 41.8 F772

Therapeutic use of hormones.

27312 MELLO, M. J. DE, and CUOCOLO SOBO, R. Helminthoses dos ruminantes domésticos (boi, carneiro e cabra). Biológico 11: 187-195. (Concl.) July 1945. 442.8 B529

27313 MONTEVERDE, J. J. Los estreptococos en medicina veterinaria. Suelo Argentino 4: 586-587, 594-595, 608. Sept. 1945. 9 Su2

27314 MOORE, T., and MITCHELL, C. A. A method of cultivating Brucella abortus for antigen without the use of agar. Amer. Vet. Med. Assoc. J. 107: 226-227. Oct. 1945. 41.8 Am3

27315 NELSON, N. M. Postwar improvements in teaching veterinary medicine. Amer. Vet. Med. Assoc. J. 107: 228-231. Oct. 1945. Ref. 41.8 Am3  
27316 \*PETRAGNANI, G. Di un particolare metodo di conservazione del virus aftoso e di alcuni tentativi di vaccinazione. Clin. Vet. 63: 45-50. Feb. 1940. 41.8 C61

27317 RAJALAKSHMAN, D. V. Livestock and veterinary aid in the Madras Presidency. Madras J. Co-op. 36: 258-262. June 1945. 280.28 M26  
On training veterinarians.

27318 RAMON, G., and others. Appréciation des propriétés "neutralisantes" spécifiques d'un sérum anti-aphteux obtenu chez le cheval. Nécessité de l'emploi d'un sérum étalon. Soc. de Biol. [Paris] Compt. Rend. 138: 162-163. Mar. 1944. 442.9 P21  
E. Lemétayer, E. Lasfargues, and P. Ramon, joint authors.

27319 \*RAMON, G., and others. Détermination et évaluation chez le cobaye, des propriétés préventives d'un sérum anti-aphteux préparé chez le cheval. Soc. de Biol. [Paris] Compt. Rend. 138: 190-192. Mar. 1944. 442.9 P21  
E. Lemétayer, E. Lasfargues, and B. Virat, joint authors.

27320 \*RAMON, G., and others. Immunisation du cheval à l'aide du virus et de l'anavirus aphteux. Propriétés neutralisantes et préventives du sérum obtenu à l'égard de l'agent de la fièvre aphteuse. Soc. de Biol. [Paris] Compt. Rend. 138: 134-136. Mar. 1944. 442.9 P21  
E. Lemétayer, P. Minguet, and F. Yeu, joint authors.

27321 RODHAIN, J., VAN GOIDSENHOVEN, C., and VAN HOOF, L. Étude d'une souche de "Trypanosoma cazal-boui (vivax)" du Ruanda. Inst. Roy. Colon. Belge. Sect. des Sci. Nat. et Méd. Mém., v. 11, No. 4, 38 p. 1941. Ref. 504 B8362M

27322 RUIZ VAZQUEZ, T. Especialidad de la reacción de Ascol. Rev. de Med. Vet. [Buenos Aires] 27 (1/2): 37-62. Jan./Feb. 1945. 41.8 B86  
In connection with anthrax.

27323 RUNNELLS, R. A. The Registry of Veterinary Pathology. Amer. Vet. Med. Assoc. J. 107: 244. Oct. 1945. 41.8 Am3

An activity of the U. S. Army Institute of Pathology and sponsored by the American Veterinary Medical Association.

27324 \*SANTOS, I. A. DOS. Curso de férias de medicina veterinária. Rev. de Med. Vet. [Lisboa] 40(312): 78-80. Jan./Apr. 1945. 41.8 R3215

27325 SEMTNER, W. Continue work on penicillin in veterinary medicine. Successful Farming 43 (10): 128-129. Oct. 1945. 6 Su12

27326 SHANNON, S. Veterinary license reciprocity and registration fees. Vet. Med. 40: 320. Sept. 1945. 41.8 M69

27327 STERNE, M. The action of saponin and other excipients on the virulence and the immunizing of anthrax strains. So. African Vet. Med. Assoc. J. 16: 53-58. June 1945. 41.8 So8

27328 TARR, A. F. A few practical hints for veterinarians. So. African Vet. Med. Assoc. J. 16: 61-62. June 1945. 41.8 So8

#### MISCELLANEOUS

27329 HARRIS, L. D. Hunting meat-raiders from the air. Dakota Farmer 65(20): 6, 22. Oct. 20, 1945. 6 D14

Control of coyotes.

27330 HERRING, G. C. Are auction sales of purebreds worthwhile? Va. Agr. Col. Ext. Div. News 27 (12): 2. Oct. 1945. 275.29 V81E

27331 NEEL, L. R. Winter care of livestock. South. Agr. 75(10): 10. Oct. 1945. 6 So83

27332 NETTLES, W. T. Stock shows improve industry; stockmen "learn how" by meeting and comparison. Fla. Grower 53(10): 14. Oct. 1945. 80 F6622

27333 PANES, A. Temas ganaderos del Congreso Agrícola del Duero. Aliment. Nac. 4(45): 3. Mar. 25, 1945. 389.8 AL42

27334 SALERNO, A. Alcuni aspetti del problema zootecnico nel Chenia, nel Tanganica e nell'Uganda. R. Ist. Agron. per l'Africa Ital. Relaz. e Monog. Agr.-Colon. 61, 118 p. Firenze, 1940. 16 Is7

27335 WESTERN LIVESTOCK REPORTER. Northwest livestock directory. Ed. 3, 152 p. Billings, Mont., 1945. 225 N8162

Supplement to the Western Livestock Reporter.

#### CATTLE

##### Breeds and Breeding

27336 BATTLES, O. V. Aberdeen-Angus in the postwar world. Aberdeen-Angus J. 27(3): 51. Oct. 1945. 43.8 Ab3

27337 BLIZZARD, W. L. Improving the breeding herd. Amer. Hereford J. 36(10): 112-113. Sept. 15, 1945. 43.8 Am32  
Beef cattle.

27338 BREMNER, J. M. Jessoma Gifts Lord; Canadian superior sire in the news. Jersey B. 64: 1276. Sept. 20, 1945. 43.8 J48  
A prize Jersey bull.

27339 CONNELLY, R. G. Man of benevolence. Jersey B. 64: 1362, 1382, 1384, 1386. Oct. 5, 1945. 43.8 J48  
A Jersey breeder.



27340 DOUGLAS, J. R. What is a good bull worth? Shorthorn World 30(13): 7, 61-63, 72. Sept. 25, 1945. 43.8 Sh8

Description of a Shorthorn farm.

27341 DOUGLAS, J. R. What is our goal? Short-horn World 30(12): 27. Sept. 10, 1945. 43.8 Sh8  
Breeding of beef cattle.

27342 FARLEY, F. W. Seminole. South. Stockman 5(10): 8-9. Oct. 1945. 49 So83

Description of a Hereford cattle ranch.

27343 FIELD, H. G. Purebred Jerseys on the Nile. New Zeal. Farmer Weekly 66(13): 4. Aug. 23, 1945. 23 N484

27344 FIRST pureblood Herfords imported into U. S. by great grandfather of Jerome O. Eddy, New Mexico rancher. N. Mex. Stockman 10(10): 6. Oct. 1945. 49 N462

27345 FORBES, R. C. The G. I. Joes of the pure-bred beef-cattle industry. Breeder's Gaz. 110(9): 10, 35. Oct. 1945. 49 B74

27346 FROST, J. M., JR. Gentling Brahman cattle. Brahman Breeder-Feeder 11(10, 1. e. 8): 42-43. Oct. 1945. 43.8 B73

27347 GALIANKEROV, W. Plennnala rabota v sovkhovakh Kazakhstana. Sovkhoz. Proizvod. 4(12): 32-34. Dec. 1944. 20 So85

Breeding cattle on the state farms of Kazakstan.

27348 GALLAGHER, J. P. China cow. Successful Farming 43(10): 26-27, 58-59. Oct. 1945. 6 Sul2

One of a herd of registered Holstein cows of the Government Institute for the Sons of the Revolution, Nanking.

27349 GOODWIN, J. P. Less slaughter of old dairy bulls. Farmer & Stock-Breeder 59: 1481. Sept. 18, 1945. 10 F228

Concerns two Jersey herds.

27350 GRAVES, R. R. Dairy cattle development in the future. Holstein-Friesian World 42: 1531-1532, 1670-1671, 1674-1675. Oct. 6, 1945. 43.8 H742

Breeding.

27351 GREEN, G. W. Hamer turning point came with Zelda; Tennesseean's 260-head Hereford herd got its start with a single cow 15 years ago. Amer. Hereford J. 36(10): 15-16, 138. Sept. 15, 1945. 43.8 Am32

27352 GREGORY, P. W. Female sterility in dairy cattle found to be hereditary. West. Dairy J. 1 (12): 22. Oct. 1945. 44.8 W524

27353 \*GUERREIRO, R. T. C. A esterilidade e fecundação artificial dos bovinos leiteiros da zona abastecedora da cidade de Lisboa. Rev. de Med. Vet. [Lisboa] 40(312): 32-43. Jan./Apr. 1945. 41.8 R3215

27354 HERNANDEZ NAUS, A. "Alcartra Gerben" bate el record mundial. Campesino [Santiago] 77: 423. July 1945. 9.3 Sol2

Holstein-Friesian.

27355 HOEKZEMA, J. P. Unusual record made in father-son partnership; records broken with purebred Jersey herd in Michigan. Farmers Guide 101(20): 3. Oct. 15, 1945. 6 In2

27356 IDTSE, F. J. Dere's dis about Brown Swiss. West. Dairy J. 1(12): 17, 24. Oct. 1945. 44.8 W524

27357 JONES, E. An Englishman's impressions; Herefords as I saw them in America's West. Amer. Hereford J. 36(12): 20-21. Oct. 15, 1945. 43.8 Am32

27358 KNAPP, J. S. What American colleges are doing to better the Blacks; Cornell's...herd. Aberdeen-Angus J. 27(3): 40-41, 112. Oct. 1945. 43.8 Ab3

27359 \*KRÄMER, H. Nachlese zur diesjährigen rotbunten Elite-Abstammungsveranstaltung. Landesbauernschaft Moselland. Wchnbl., No. 46, p. 828-829. Nov. 14, 1942. 18 L2328

East Friesian breed of dairy cattle.

27360 \*LAGUICHE, J. DE. La race Charollaise en Amérique du Nord. Acad. d'Agr. de France. Compt. Rend. 29: 279-280. May 26/June 2, 1943. 14 P215Bc

Introduction by M. Piettre.

27361 LAMB, L. W. Some inbred cows talk from the witness stand. Amer. Dairy Cattle Club. Herd Builder 5(9): 3-5, processed. Sept. 25, 1945. 43.9 Am323H

Value of inbreeding as shown by a sale.

27362 M., P. Bom lastro tem nosso rebanho leiteiro. Rev. dos Criadores 16(8): 32. Aug. 1945. 43.8 R32

Brazil.

27363 MCNEEL, J. S., JR. The story of the lady and the bulls. Tex. Livestock J. 4(10): 66. (To be cont.) Oct. 1945. 49 T29

Concerning a Brahman cattle ranch.

27364 MILLER, J. C. Husbandman recounts history of Brown Swiss cattle in America. South. Stockman 5(10): 32. Oct. 1945. 49 So83

27365 MILLER, R. H. Hereford Futurity; a definite medium for breed improvement. Amer. Hereford J. 36(12): 34. Oct. 15, 1945. 43.8 Am32

27366 MILLER, W. Milk and beef are combined in one breed at Loma Rica. West. Dairy J. 1(10): 19. Aug. 1945. 44.8 W524

Dual-purpose Shorthorn.

27367 MILLER, W. New combination in dual Shorthorns. West. Dairy J. 1(11): 28. Sept. 1945. 44.8 W524

27368 MOORE, M. What's a herd sire worth? Carnation Milk Farm News 26(2): 3-6, 13-15. Sept. 1945. 43.8 C21

Includes high record Holstein-Friesian cattle.

27369 MORRISON, S. R. Breeder integrity. Plantation Stockman 3(2): 8, 20-22. Oct. 1945. 49 P69

Cattle breeding.

27370 NISBET, J. C. The Jerseys took Horace's advice [to go west]. West. Dairy J. 1(11): 31. Sept. 1945. 44.8 W524

27371 NISBET, J. C. Wihleins purchase superior sire. Jersey B. 64: 1364, 1422-1423. Oct. 5, 1945. 43.8 J48

Concerning various purebred Jerseys.

27372 PELLETIER, J. R. I. Eighty-five years raising Ayrshires; the story, in brief, of a great Quebec institution which has rendered great service to the Ayrshire breed. Canad. Ayrshire Rev. 26: 221-212, 229. Oct. 1945. 43.8 Ay72

École Supérieure d'Agriculture, Ste. Anne de la Pocatière.

27373 RICE, V. A. The polled characteristics. South. Stockman 5(10): 14, 75, 100, 102. Oct. 1945. 49 So83

27374 RICKARD, J. A. Brahma cattle cross breeds. Your Farm 3(12): 75-78. Oct. 1945. 6 Y8

27375 SANDERS, A. H. The Hereford in America. Part I-II. Amer. Hereford J. 36(11): 54-55; (12): 82. Oct. 1, 15, 1945. 43.8 Am32

27376 SANDERS, A. H. History of Aberdeen-Angus. Aberdeen-Angus J. 27(3): 60A, C-E, L-M, 116. (Cont.) Oct. 1945. 43.8 Ab3

May appear as a book when conditions permit.

27377 TAYLOR, R. C. Ralph Wright's eye is on the goal. Amer. Hereford J. 36(10): 130A-B. Sept. 15, 1945. 43.8 Am32

Breeding Hereford cattle on a Colorado ranch.

27378 TORMEY, J. L. Does corn tell us something? It takes the blood of the good ones to make the good ones. Shorthorn World 30(13): 3-4, 33-35. Sept. 25, 1945. 43.8 Sh8

27379 TRIMBERGER, G. W., and DAVIS, H. P. Predictability of breeding efficiency in dairy cattle from their previous conception rate and from their heredity. J. Dairy Sci. 28: 659-669. Sept. 1945. 44.8 J822

Artificial insemination.



27380 TUDOR, G. R. Observations on the past and future. *Aberdeen-Angus J.* 27(3): 35. Oct. 1945. 43.8 Ab3

27381 TURNER, C. W. The hormones regulating the male reproductive system; sterility in bulls. *Guernsey Breeders' J.* 68: 793-794, 818-819. Oct. 15, 1945. 43.8 G93

27382 WOLF, A. M. Winmoor breeding program. *Holstein-Friesian World* 42: 1535, 1658-1659. Oct. 6, 1945. 43.8 H742

#### Feeds and Feeding

27383 BERESFORD, R. Corn -- the feed basis for cattle. *Flour & Feed* 46(5): 11. Oct. 1945. 298.8 F66

27384 BONSMA, J. C. Value of colostrum for calves. *Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser.* 143, 2 p. Pretoria, 1945. 24 So82Pa

27385 BORLAND, A. A. Putting it up to the cows. *Pa. Holstein* 4(8): 10, 12-13, 17. May 1945. 43.8 P38

Feeding for milk production.

27386 BRIDGES, W. W. Feeding suggestions for dairy cattle. *Producer-Consumer* 11(3): 8. Oct. 1945. 280.28 P942

27387 CANNON, C. Y. Water for the cows. *Holstein-Friesian World* 42: 1534. Oct. 6, 1945. 43.8 H742

27388 CASE, L. I. Finishing steers in the feed lot. *South. Planter* 106(10): 22-23. Oct. 1945. 6 So89

27389 CONNELLY, R. G. Feeds can prevent winter milk slump. *South. Planter* 106(10): 34-35. Oct. 1945. 6 So89

27390 CORMAN, L. B., and HAYWARD, J. W. Soybean products for dairy cattle. *Flour & Feed* 46(5): 28. Oct. 1945. 298.8 F66

Also in *Soybean Digest* 5(12): 12-13. Oct. 1945. 60.38 So9

Mainly soybean oil meal.

27391 CULBERTSON, C. C. Save corn and protein. *Flour & Feed* 46(5): 16. Oct. 1945. 298.8 F66

Feeding of beef cattle.

27392 DAVIS, P. O. It can be done; by making full use of pastures the South can produce low-cost milk and beef. *South. Agr.* 75(10): 12. Oct. 1945. 6 So83

27393 DORSINAI, Z. The supply in winter of green fodder to dairy cattle. (In Hebrew.) *Hassadeh* 25: 394-397. July 1945. 26 H27

Remarks by S. Korin, p. 397.

27394 ELLIS, V. A. Cobalt deficiency in lactating cows. *Canad. J. Compar. Med.* 9: 244. Sept. 1945. 41.8 C162

27395 HEINEMANN, W. The ounce of prevention; nutritive factors affect the profit of purebred cattle production. *Shorthorn World* 30(12): 36, 54-56. Sept. 10, 1945. 43.8 Sh8

27396 HOVELAND, N. George Werner goes to the hay now when he figures dairy rations. *Kraftsman, Prod. Ed.* 3(5): 3-5. Sept./Oct. 1945. 44.8 K85

27397 MCCAMUS, R. A Minnesota dairyman talks feed with his county agent. *Kraftsman, Prod. Ed.* 3(5): 5-6. Sept./Oct. 1945. 44.8 K85

27398 MASOERO, P., and PANICHI, P. L'azione esercitata dal latte di bovina gravida sull'accrescimento del "Lupinus albus L." *Clin. Vet.* 63: 104. Mar. 1940. 41.8 C61

27399 \*PACI, C. Uso ed abuso dei mangimi concentrati nell'alimentazione della vacca lattifera. *Clin. Vet.* 63: 125-148. Apr. 1940. 41.8 C61

French and English summaries.

27400 SERVISS, G. H. Summer feed makes milk. *N. Y. Agr. Col. Ext. (Cornell). Dairy Farm Serv. Let.,* Sept. 2, 1945, p. 3. 275.29 N48D

27401 STOOPS, D. Green pastures; key to Argentina's highly-developed beef cattle industry. *Shorthorn World* 30(12): 3-4, 34-35. Sept. 10, 1945. 43.8 Sh8

#### Veterinary Medicine

27402 BACON, L. F., and SCOTT, L. P. Mastitis - a radio discussion. *Fort Dodge Bio-chemic Rev.* 16(2): 6-7, 16. Fall 1945. 41.8 F772

27403 BARKER, C. A. V. Observations on the use of penicillin in the treatment of bovine mastitis. *Canad. J. Compar. Med.* 9: 235-243. Sept. 1945. 41.8 C162

27404 BELL, F. R. Further notes on the use of the phenanthridinium compound 1553 in the treatment of *Trypanosoma congolense* infection of cattle. *Vet. Rec.* 57: 449-450. Oct. 6, 1945. 41.8 V641

27405 BELL, F. R., and JONES, E. R. Glucose tolerance in the bovine. *J. Compar. Path. and Ther.* 55: 117-124. Apr. 1945. 41.8 J82

Blood sugar response.

27406 BLAKEMORE, F. Infection of the bovine lungs with an organism resembling *Bacillus actinoides*. *J. Compar. Path. and Ther.* 55: 132-139. Apr. 1945. 41.8 J82

27407 BRACCESI MARIO, A., and FLAVIO, F. Indagine batteriologica in un caso di carbonchio sintomatico successivo al parto. *Clin. Vet.* 63: 405-425. Nov. 1940. Ref. 41.8 C61

In cattle.

27408 BUSHNELL, H. H. Negative--but will they abort? How dependable is the blood test? *West. Dairy J.* 1(11): 16, 53-54. Sept. 1945. 44.8 W524

27409 CHAMBERS, E. E. Veterinarian explains types of pinkeye found in cattle. *South. Stockman* 5(10): 18, 114. Oct. 1945. 49 So83

27410 CHAPMAN, K. H. The connexion between degree of rainfall and of infection of cattle by "*Cysticercus bovis*" Cobbold in Tanganyika Territory. *So. African Vet. Med. Assoc. J.* 16: 44-46. June 1945. 41.8 So8

27411 COPPI, R. Relazione sulle vaccinazioni antiaftose eseguite in provincia di Sondrio nel 1940 su 26.500 bovini. (Vaccino all'anisolo su 22.500 capi.) (Vaccino Waldmann su 4000 capi.) *Clin. Vet.* 63: 426-432. Nov. 1940. 41.8 C61

27412 CUERVO, F. G., and LUACES, J. L. Misión de Higiene Animal de la Asociación Nacional, de Ganaderos de Cuba. *Rev. Ganad. [Habana]* 5(5/6): 45-47. May/June 1945. 49 R321

Mainly discusses brucellosis and mastitis in cattle.

27413 FLÜCKIGER. Bestimmungen über die ver-suchsweise durchführung von impfungen gegen abortus Bang mit der vakzine "buck 19" in der praxis. *Switz. Eidg. Volkswirtschaftsdept. Veterinär-amt. Mitt.* 46: 104-105. Apr. 23, 1945. 41.9 Sw6A

Cattle.

27414 FLÜCKIGER. Instruktion über die bekämp-fung des rinderabortus Bang. *Switz. Eidg. Volks-wirtschaftsdept. Veterinär-amt. Mitt.* 46: 101-103. Apr. 23, 1945. 41.9 Sw6A

27415 FREUND, S. Chronic infectious diseases of cattle. (In Hebrew.) *Hassadeh* 25: 431-435. July 1945. 26 H27

27416 GEIL, L. H. Penicillin fights mastitis in cattle. *Better Farming Methods* 17(7): 13, 26. Sept./Oct. 1945. 58.8 B46

27417 GRAHAM, R. Listerellosis, a brain disease of cattle and sheep. *Hoard's Dairyman* 90: 562-563. Oct. 10, 1945. 44.8 H65

27418 GRAVES, F. W. Progress in the control of mastitis. *J. Milk Technol.* 8: 266-271. Sept./Oct. 1945. 44.8 J824

27419 GRAYSON, A. R. "Grass seed" abscesses in cattle. *Victoria. Dept. Agr. J.* 43: 333. Aug. 1945. 23 V66J



- 27420 \*GROULADE. Traitement de la vaginite granulose contagieuse par dilatation gazeuse. Remarques Resultats. Rev. de Path. Compar. 41: 384-389. Oct. 1941. 44.8 R326  
In cattle.
- 27421 HARWOOD, P. Phenothiazine-salt mixture. Shorthorn World 30(13): 37. Sept. 25, 1945. 43.8 Sh8
- 27422 JAMIESON, S., SIMPSON, B. W., and RUSSELL, J. B. Bovine congenital goitre. Vet. Rec. 57: 429-431. Sept. 22, 1945. 41.8 V641
- 27423 LLARENA, S. DE. Producción de leche; gestación y cuidados de la vaca gestante. Agr. Levantino 11(125): 11-15. Apr. 1945. 15 Ag85
- 27424 MATTOS, M. M. Estado de nuestro ganado lechero en sus aspectos sanitario y fisiológico. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 252. June 14, 1945. 9.9 G15B  
Concerning legislation for tuberculosis control in cattle.
- 27425 METZGER, H. J. Some facts regarding brucellosis control. Aberdeen-Angus J. 27(3): 29. 113-115. Oct. 1945. 43.8 Ab3
- 27426 MOTTRAM, W. R. Tuberculosis (human and bovine). So. African Dairyman 7: 187, 202. Sept. 1945. 44.8 So822
- 27427 MURPHY, W. J. Penicillin as a treatment for bovine mastitis. Dakota Farmer 65(19): 18. Oct. 6, 1945. 6 D14
- 27428 NAI, D. D. Ricerche sulla istopatologia dei postumi aftosi. II. Le alterazioni degli organi a secrezione interna. Clin. Vet. 63: 205-219. June 1940. Ref. 41.8 C61  
German summary.  
In cattle.
- 27429 OWEN, R. D. Immunogenetic consequences of vascular anastomoses between bovine twins. Science 102: 400-401. Oct. 19, 1945. 470 Sci2
- 27430 PARKER, H. Facts to make you "udderwise." Hoard's Dairyman 90: 547. Oct. 10, 1945. 44.8 H65
- 27431 \*PATRIZI, F. Complesso primario tuberculare genitale (?) incompleto in toro con balanopostite follicolare da Trichomonas. Clin. Vet. 63: 98-103. Mar. 1940. 41.8 C61
- 27432 PETRAGNANI, G. Altri esperimenti di vaccinazione antiaftosa con miscela cloruro di sodi virus essiccato. Clin. Vet. 63: 245-247. July 1940. 41.8 C61  
Experiments with cattle.
- 27433 PIEROT. Sur les conséquences fâcheuses d'une alimentation du bétail avec des résidus industriels surazotés. Rev. de Path. Compar. 41: 379-384. Oct. 1941. 44.8 R326  
Discussion by MM. Maignon, Guillot, Nussbaum, and Blier, p. 381-384.  
Danger of foot and mouth disease to cattle, mainly through being fed peanut-oil cake.
- 27434 QUIN, A. H. Painless dehorning with local anaesthesia. Vet. Rec. 57: 452-453. Oct. 6, 1945. 41.8 V641
- 27435 RAMOS, J. D. Hidrocefalia congénita em bezerro. Rev. dos Criadores 16(8): 62-63. Aug. 1945. 43.8 R32
- 27436 SCHALM, O. W. Recommendations in the use of penicillin for bovine mastitis. Tex. Livestock J. 4(10): 10, 42. Oct. 1945. 49 T29
- 27437 SEELEY, H. W., JR., ANDERSON, E. O., and FLASTRIDGE, W. N. Mastitis and the plate count of milk. VI. The contribution of staphylococcal mastitis to the standard plate count of milk, and some cultural characteristics of the organisms isolated. J. Milk Technol. 8: 259-263. Sept./Oct. 1945. Ref. 44.8 J824
- 27438 SUTTON, G. D. Cases of impaction of the mouth in cattle. So. African Vet. Med. Assoc. J. 16: 60-61. June 1945. 41.8 So8
- 27439 THOMAS, A. D., and MARÉ, C. VON E. Knopvelsiekte. So. African Vet. Med. Assoc. J. 16: 36-43. June 1945. 41.8 So8  
In cattle.
- 27440 VELEFF, M. Contributo alla tecnica dell'esame batteriologico per la diagnosi dell'infiammazione streptococcica. Clin. Vet. 63: 174-177. May 1940. 41.8 C61  
Method for detecting Streptococcus agalactiae in milk for the diagnosis of mastitis.
- 27441 VIANELLO, G. Direttive per la cura della sterilità dei bovini. Clin. Vet. 63: 220-231. June 1940. 41.8 C61  
Mainly concerning diseases.
- 27442 VON BACKSTROM, U. Ngamiland cattle disease. Preliminary report on a new disease, the etiological agent being probably of an infectious nature. So. African Vet. Med. Assoc. J. 16: 29-35. June 1945. 41.8 So8
- 27443 WILLIAMS, G. A. It pays to give bossy a vacation [dry period]. Kraftsman, Prod. Ed. 3(5): 7, 19. Sept./Oct. 1945. 44.8 K85
- 27444 WILSON, S. G. Some factors affecting the incidence of East Coast fever in Northern Province, Nyasaland. So. African Vet. Med. Assoc. J. 16: 47-52. June 1945. 41.8 So8
- 27445 ZEETI, R. Ricerche sperimentali sul Trichomonas "Mazzanti." Clin. Vet. 63: 5-16, 51-59. Jan.-Feb. 1940. 41.8 C61  
In cattle.

#### Miscellaneous

- 27446 ASHKENAZI, E. The development of the dairy herd in Emek Hefer. (In Hebrew.) Hassadeh 25: 435-437. July 1945. 26 H27
- 27447 BRADT, C. G. Fast milking a war baby. Hoard's Dairyman 90: 544. Oct. 10, 1945. 44.8 H65
- 27448 BRADT, C. G. The old timers were wrong about milking machines. N. Y. Agr. Col. Ext. (Cornell). Dairy Farm Serv. Let., Sept. 2, 1945, p. 1-2. 275.29 N48D  
From the standpoint of milking.
- 27449 CALF rearing is very important. By Sentinel. New Zeal. Dairy Exporter 21(1): 14-16. Sept. 1, 1945. 44.8 N484
- 27450 CASEMENT, D. D. Random recollections. VIII. International Live Stock Exposition, incidents. Amer. Hereford J. 36(11): 22-23, 158-159. Oct. 1, 1945. 43.8 Am32
- 27451 DAVIS, G. L. Dairying brings success to Calhoun cotton tenants. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(10): 15. Oct. 1945. 6 P45G
- 27452 DOUGLAS, J. R. Wintering your beef herd. South. Stockman 5(10): 11. Oct. 1945. 49 So83
- 27453 FLETCHER, D., ANDERSON, A., and BIAGGINI, E. When and how to cull bull calves. Aberdeen-Angus J. 27(3): 43, 111-112. Oct. 1945. 43.8 Ab3
- 27454 GEARHART, C. R. Study production before selling cow. Pa. Grange News 42(7): 16. Oct. 1945. 6 P38
- 27455 HELLEBUSCH, C. E. IX-XI Ranch in Valencia County home of new registered Hereford herd established by Tom Reid. N. Mex. Stockman 10(10): 22. Oct. 1945. 49 N462
- 27456 HENDRIX, J. M. Three score and ten. VII. Cattleman 32(5): 40, 42, 43. Oct. 1945. 49 C29  
History of the Texas and Southwestern Cattle Raisers Association.
- 27457 KEILHOLZ, F. J. Calves needn't die. Country Gent. 115(10): 18, 26-27. Oct. 1945. 6 C833  
Care of dairy cows and their calves.
- 27458 KINGHORN, G. Direct to the consumer with a big waiting list. West. Dairy J. 1(12): 14-15, 65. Oct. 1945. 44.8 W524  
Description of a dairy farm at Medford, Oreg.



27459-27496

27459 MUIR, J. Program for grading [beef] bulls. Shorthorn World 30(13): 48-49. Sept. 25, 1945. 43.8 Sh8

27460 ROF CODINA, J. Enseñanzas de un concurso de ganados. Cult. Mod. 28: 52-54. Feb. 1945. 15 C89

Cattle shows in Spain.

27461 ROLLE, A. F. Rancho tropical. Westerner 8(9): 37. Oct. 1945. 49 W522

Cattle in Hawaii.

27462 SLATER, G. W. Success with the beef cow. Shorthorn World 30(13): 55. Sept. 25, 1945. 43.8 Sh8

27463 SPRIGLE, R. With the spring roundup on New Mexico's great Bell Ranch. N. Mex. Stockman 10(10): 4, 70-71. Oct. 1945. 49 N462

Syndicated article taken from the Pittsburgh Post Gazette where it appeared "during the past summer."

27464 STREETER, F. B. The Ellsworth cattle trail. Cattleman 32(5): 15, 88-89. Oct. 1945. 49 C29

History.

27465 T., A. Milk records. Jamaica Agr. Soc. J. 49(1/3): 13-18. Jan./Mar. 1945. 8 J223

27466 TERRÁDEZ RODRÍQUEZ, J. Paradas de sementales bovinos en la provincia de Valencia. Agr. Levantino 11(124): 3-6. Mar. 1945. 15 Ag85

Describing methods for improving dairy cattle.

27467 THOMAS, C. R. Did you ever milk a Poland-China cow. Dairy Goat J. 23(8): 4. Oct. 1945. 40.18 M592

Concerning short-time testing of milk production.

27468 TURK, K. L. Good fall management of cows pays dividends. Dairymen's League News 29(21): 6. Oct. 9, 1945. 44. 8 D1432

27469 TURNER, T. H. Good management--the key to more milk. Dairymen 62: 271, 273. Oct. 1945. 44.8 D1426

27470 VANNER, A. K. "Mass production" [dairy] calf rearing...on this Oxfordshire farm. Farmers Weekly [London], 23(11): 28-29, 31. Sept. 14, 1945. 10 F2226

27471 \*ZABIŬKA, N. Vyrashchivanie rabochikh volov [Raising draft oxen]. Kolkhoz. Proizvod. 5(4/5): 30-31. Apr./May 1945. 281.8 K83

## DOGS AND CATS

### Breeds and Breeding

27472 AMERICAN FOXHOUND BREEDERS' ASSOCIATION. American Foxhound breeders' stud book, v. 7, 454 p. Rushville, Mo., 1945. 48.9 Am33

27473 BLACK AND TAN COONHOUND CLUB OF AMERICA. Original standard of Coonhound (Black and Tan)...approved by AKC directors - 10 July '45. Breed being recognized on this date for registration and show purposes. Dog World 30(10): 74. Oct. 1945. 48.8 D672

27474 THE BREEDS in brief, No. 43; Brussels Griffon. Amer. Kennel Gaz. 62(10): 27-28, 128-129. Oct. 1945. Ref. (Beltsville Branch Libr.)

27475 EVANS, O. B. Llewellyns on the bench. Dog World 30(10): 74. Oct. 1945. 48.8 D672

27476 GILKEY, G. L. He didn't "stay dead"; the "fossil" dog that is living today. Amer. Kennel Gaz. 62(10): 19-21, 134-135. Oct. 1945. (Beltsville Branch Libr.)

History of the Basenji, the barkless dog.

27477 J., W. The development of color popularity in the Scottish Terrier. Dog World 30(10): 109. Oct. 1945. 48.8 D672

27478 \*KRUSHINSKIĬ, L. V. Nasledstvennoe "fiksirovaniye" individual'no priobretennogo povedeniya zhivotnykh i proiskhozhdeniye instinktov (Hereditary "fixation" of an individually acquired behaviour of animals and the origin of instincts). Zhur. Obshch. Biol. 5: 261-283. 1944. 442.8 Z6

English summary.

Pertains to dogs.

27479 LABRADOR RETRIEVER CLUB. Revised standard Labrador Retriever...approved by AKC directors - 10 July '45. Dog World 30(10): 71. Oct. 1945. 48.8 D672

27480 MEGARGEY, E. Gun dogs at work; the Pointer. Field and Stream [New York], 50(7): 34. Nov. 1945. 410 F45

27481 MENZEL. Dog-breeding and its value for the Jewish settlements. (In Hebrew.) Hassadeh 25: 489-491. July 1945. 26 H27

27482 PARRY, P. 20 years with Kerries. Dog World 30(10): 107. Oct. 1945. 48.8 D672

27483 POZZI, C. M., and CLER, G. O. El perro; sus razas - sus enfermedades. Buenos Aires. Dir. de Ganad. Fol., No. 3, 55 p. La Plata, 1945. 49 B86F

27484 RIDDLE, M. The Springer is getting bigger. Dog World 30(10): 67-68, 43. Oct. 1945. 48.8 D672

27485 RUSKIN, D. B. Breeding dual-purpose pups; the question: "art or science"? asked and answered. Second of two parts. Amer. Kennel Gaz. 62(10): 16-18, 132-133. Oct. 1945. (Beltsville Branch Libr.)

### Feeds and Feeding

27486 AXELROD, H. E., MORGAN, A. F., and LEPKOVSKY, S. The fate of tryptophane in pyridoxine-deficient and normal dogs. J. Biol. Chem. 160: 155-164. Sept. 1945. 381 J824

### Veterinary Medicine

27487 AJELLO, P. Sul valore di alcune reazioni sierologiche nella diagnosi della leishmaniosi canina. Clin. Vet. 63: 248-258. July 1940. Ref. 41.8 C61

27488 BLOOM, F. Bone marrow biopsies in normal and diseased dogs--differential cell counts. Amer. Vet. Med. Assoc. J. 107: 220-225. Oct. 1945. 41.8 Am3

27489 \*CARTA, A. Raggi solari e cancro cutaneo dei gatti bianchi. Clin. Vet. 63: 85-97. Mar. 1940. 41.8 C61

27490 FITZGERALD, C. J. Relationship between eye ulcers and removal of haw. Dog World 30(10): 3. Oct. 1945. 48.8 D672

27491 GILBERT, O. E. Hair balls [in cats]. All-Pets Mag. 16(17): 32. Oct. 1945. 48.8 AL5

27492 KATZ, S. A further discussion of types of dog bites. Dog World 30(10): 16. Oct. 1945. 48.8 D672

Jaw formation.

27493 MORETTI, B. Sepsis streptococcica lenta da corpo estraneo nel cane. Studio clinico e ricerche sperimentali. Clin. Vet. 63: 365-384. Oct. 1940. 41.8 C61

27494 SANDERSON, C. J. Canine worms are difficult to diagnose; some lesser known internal parasites. Land [Sydney], No. 1760, p. 20. Aug. 24, 1945. 25 L22

27495 SEPPONEN, C. M., and SHEA, R. A. Unusual inguinal hernia--gravid hysterocoele in a Chinese bitch. Amer. Vet. Med. Assoc. J. 107: 234-236. Oct. 1945. 41.8 Am3

27496 SWYER, G. I. M. Rat-bite fever due to cat-bite; satisfactory response to penicillin after failure of arsenotherapy. Brit. Med. J., No. 4420, p. 386-387. Sept. 22, 1945. 448.8 B77



Miscellaneous

- 27497 COUCH, V. M. Handling the pup. All-Pets Mag. 16(17): 27-28. Oct. 1945. 48.8 AL5
- 27498 LITTLE, H. More on blinking; a further discussion of a bird dog's worst fault, and its cure. Field and Stream [New York] 50(7): 140, 142-144. Nov. 1945. 410 F45
- 27499 PARDUE, I. M. Hallow Eve cat. Our Dumb Anim. 78: 185. Oct. 1945. 48.8 Du7  
Cat lore.
- 27500 PFAFFENBERGER, C. J. Revamping obedience rules; a west coast club considers it wise. Amer. Fennel Gaz. 62(10): 22-23, 131-132. Oct. 1945. (Beltsville Branch Libr.)
- 27501 RIDDLE, M. Relationship of eye color to hunting ability. Dog World 30(10): 17, 75. Oct. 1945. 48.8 D672
- 27502 ROEMER, E. Shepherd's right hand. West-erner 8(9): 12, 38. Oct. 1945. 49 W522  
Training of sheep dogs.
- 27503 SMITH, A. C. Dog owners. Field 186: 203. Aug. 25, 1945. 10 F45  
General advice.
- 27504 WALL, G. M. Noted sheep dog trainer visits N. S. Marit. Farmer and Co-op. Dairyman 51 (1): 7. Oct. 2, 1945. 7 C77  
Working dogs discussed.

HORSES AND MULESBreeds and Breeding

- 27505 FORRARD, H. Will German horses be used to pay part of bill for reparations? Vt. Horse and Bridle Trail B. 9: 154-155. Oct. 1945. 42.8 V59  
Several breeds are described.
- 27506 HOFMANN, P. Infertility in breeding. Vt. Horse and Bridle Trail B. 9: 146-147. Oct. 1945. 42.8 V59
- 27507 HOWELL, C. E. The vertebrae in Arabian horses. Calif. Cult. 92: 520. Sept. 29, 1945. 6 C12
- 27508 HUTCHINSON, J. Fifty years of horsemanship; a lifetime with Shire. Farmers Weekly [London] 23(12): 31. Sept. 21, 1945. 10 F2226
- 27509 ONTARIO, DEPT. OF AGRICULTURE. STALLION ENROLMENT BOARD. Report, 1945, 52 p. Toronto. 42.9 On8
- 27510 PILZ, T., and REGULES, S. El Quarter Horse de los Estados Unidos. Suelo Argentino 4: 498-499, 537. Aug. 1945. 9 Su2

Feeds and Feeding

- 27511 CRAMPTON, E. W. The use of distillers', brewers' dried grains, and malt sprouts for horses. Sci. Agr. 25: 637-646. July 1945. 7 Sci2
- 27512 SANDERSON, C. J. Safe method for poddying foals and calves. Land [Sydney], No. 1757, p. 11, 14. Aug. 3, 1945. 23 L22  
Mainly about feeding.
- 27513 SHEEHY, E. J. The animal on the farm. No. 31. Horse feeding--(Cont.). Agr. Ireland 3: 104-106. Sept. 1945. 10.5 Ag8
- 27514 VIAL, J. M. Feeding work stock in winter. South. Planter 106(10): 6. Oct. 1945. 6 So89  
Horses.

Veterinary Medicine

- 27515 CHIEFFI, A. O Brasil precisa de bons equideos. Rev. dos Criadores 16(8): 33-36; (9): 34-38. (Concl.) Aug., Sept. 1945. 43.8 R32  
Regiões comuns aos membros do cavalo; Estudo zoológico do pé do cavalo.
- 27516 GARÇAO, A. Acerca da possível adaptação dos vidros de contacto á clínica oftalmológica veterinária. Rev. de Med. Vet. [Lisboa] 40(312): 81-83. Jan./Apr. 1945. 41.8 R3215  
Horses.

27517 HOWARD, J. E. Spavins, curbs, capped hock. Natl. Horseman 81(10): 10-11. Oct. 1945. 42.8 N21

27518 MCCORRY, P. A. Puncture of the abdomen [of a mare]; prolapse of intestine. Vet. Rec. 57: 444. Sept. 29, 1945. 41.8 V641

27519 PATTISON, I. H. Histological evidence indicating that a form of equine encephalomyelitis occurs in Palestine. J. Compar. Path. and Ther. 55: 109-116. Apr. 1945. 41.8 J82

27520 FELOURO, J. T. Um caso muito raro de ossificação cardíaca, no cavalo. Rev. de Med. Vet. [Lisboa] 40(312): 25-31. Jan./Apr. 1945. 41.8 R3215

27521 SANDERSON, C. J. Canker of the foot [of horses], caused by wet and dirt. Land [Sydney], No. 1758, p. 20. Aug. 10, 1945. 23 L22

27522 SARACENO, S. Le infezioni neonatali nei puledri. Clin. Vet. 63: 259-266. July 1940. 41.8 C61

27523 SIDOROV, V., and PORKHOV, F. Opyt lecheniya pnevmonii u loshadei [Experiments in treating pneumonia in horses]. Sovkhoz. Proizvod. 4(12): 37-38. Dec. 1944. 20 So85

27524 SUTTON, G. D. Closure of pervious urachus in foals by subcutaneous ligature. So. African Vet. Med. Assoc. J. 16: 59. June 1945. 41.8 So8

27525 VALENTE, J. S. Um caso de botriomicose no cavalo? Rev. de Med. Vet. [Lisboa] 40(312): 54-60. Jan./Apr. 1945. 41.8 R3215

27526 VIANELLO, G. Un avvelenamento da naftalina nei cavalli. Clin. Vet. 63: 105. Mar. 1940. 41.8 C61

Miscellaneous

27527 KUHSE. Die staatl. Förderungsmassnahmen auf dem gebiete der hengsthaltung im gau Moselland. Landesbauernschaft Moselland. Wchnbl., No. 45, p. 811-812. Nov. 7, 1942. 18 L2328

27528 KUZNETSOV, S. Zootehnicheskaya rabota na konnom zavode. Sovkhoz. Proizvod. 4(12): 29-31. Dec. 1944. 20 So85

Horses on a stud farm in the U. S. S. R.

27529 LAFAYETTE, K. F. A remount depot in Italy. Cavalry J. 54(5): 55. Sept./Oct. 1945. 42.9 Un3

27530 LIVESAY, E. A. The future of horses. W. Va. Dept. Agr. Market B. 29(10): 24-25. Oct. 1945. 2 W522W

27531 MOGIEV, A. Koneferma kolkhoza "Deishin." Kolkhoz. Proizvod. 5(4/5): 29. Apr./May 1945. 281.8 K83

Horse farm of the kolkhoz "Deishin" in the Issyk-Kul' region.

27532 OBERTI, F. Origen y características del caballo criollo. Chacra 14(164): 56, 58-59. June 1944. 9 C34  
Argentina.

27533 PEEDE, L. G. Potros, su adiestramiento preliminar para la caza, polo, hipodromo y carreras de obstaculos. Chacra 14(164): 7-9, 14. June 1944. 9 C34

POULTRYBreeds and Breeding

27534 ADVICE to the Bantam tyro. By Domesticus. Mod. Poultry Keeping 53: 206. Sept. 19, 1945. 47.8 Eg3

27535 BARLEY, H. D. Little things that count. Poultry World 77: 109. Sept. 7, 1945. 47.8 P8682  
A rest period for breeding stock.

27536 BARLEY, H. D. No second chances. Poultry World 77: 133. Sept. 21, 1945. 47.8 P8682  
Stamina as well as egg production to be considered in breeding.



- 27537 BENNION, N. L. Tops in turkeys is Oregon goal. *Oreg. Farmer* 68: 546, 555. Oct. 18, 1945. 6 Or32  
Oregon Turkey Improvement Association program.
- 27538 BLACKWELL, H. L. A nation-wide stock improvement scheme. *Mod. Poultry Keeping* 53: 226-227. Sept. 26, 1945. 47.8 Eg3
- 27539 BREEDING plan for "Dotte" Bantams. By Domesticus. *Mod. Poultry Keeping* 53: 222. Sept. 26, 1945. 47.8 Eg3  
Partridge Wyandotte Bantams.
- 27540 CAMPBELL, H. L. Magpie history; the rise, decline and recovery of the Magpie. *Pigeon News* 51 (895): 4. (Concl. ?) Oct. 1945. 47.8 P621
- 27541 CARIDROIT, F. Mutation pigmentaire dans la race de poule Sebright. *Soc. de Biol. [Paris] Compt. Rend.* 135: 238-241. Mar. 1941. 442.9 P21
- 27542 CARIDROIT, F. Précisions physiques sur la pigmentation des poules Sebright doré et des poules Sebright crème. *Soc. de Biol. [Paris] Compt. Rend.* 135: 304-307. Mar. 1941. 442.9 P21
- 27543 CLEMARES MIRALLES, E. Andalusia avícola. *Cult. Mod.* 28: 56-57. Feb. 1945. 15 C89  
Special emphasis on the Andalusian breed.
- 27544 COLLINSON, H. Breeding research at [North-ern Poultry Breeding Research Station, Reaseheath. *Mod. Poultry Keeping* 53: 208-209. Sept. 19, 1945. 47.8 Eg3
- 27545 HAND in hand. By Observer. *Poultry World* 77: 116. Sept. 7, 1945. 47.8 P8682  
Breeding large breeds and Bantams simultaneously.
- 27546 HIGH, J. N. Ice pigeons. *Pigeon News* 51 (895): 15. Oct. 1945. 47.8 P621
- 27547 HOWES, H. When fresh blood is needed [in poultry]. *Farming News and North Brit. Agr.* 97(41): iii. Oct. 5, 1945. 10 N82
- 27548 HUTTON, J. Nobody will eliminate this feather fault [in Brown Leghorn Bantams]. *Poultry [London]* 97: 171. Sept. 11, 1945. 47.8 P869
- 27549 HUTTON, J. Watch leg colour in [Bantam] Leghorns. *Poultry [London]* 97: 187. Sept. 18, 1945. 47.8 P869
- 27550 JULL, M. A. Breeding for more efficient egg production. *Mod. Farmer* 29(10): 2. Oct. 1945. 6 M362
- 27551 JULL, M. A. Selecting and handling of turkeys [for breeding]. *South. Planter* 106(10): 36-37. Oct. 1945. 6 So89
- 27552 JULL, M. A. Speed up progeny testing for egg production. *Hatchery Tribune* 19(10): 62-64. Oct. 1945. 47.8 H28
- 27553 LIND, A. J. On egg production. *So. African Poultry, Pigeon and Bird Mag.* 51: 203. Aug. 1945. 47.8 So83  
Effect of breeding.
- 27554 MCCARTHEY, G. P. Better balance gets results; several generations of breeding show much progress. *Turkey World* 20(10): 24, 36, 59-60. Oct. 1945. 47.38 T84
- 27555 METZ, J. W. Colors in Turbits. *Pigeon News* 51(895): 7. Oct. 1945. 47.8 P621  
Also in *All-Pets Mag.* 16(17): 49. Oct. 1945. 48.8 AL5
- 27556 POWELL-OWEN, W. Fourth year for the hen; new blood on the female side is a slow but certain process and leaves no room for guessing. *Poultry World* 77: 164. Oct. 5, 1945. 47.8 P8682  
Includes methods of records and testing.
- 27557 POWELL-OWEN, W. Reaping the reward; careful pedigree work is not something that can be done in one season. *Poultry World* 77: 152. Sept. 28, 1945. 47.8 P8682
- 27558 POWELL-OWEN, W. Watch the egg weights. *Poultry World* 77: 116. Sept. 7, 1945. 47.8 P8682  
From a breeding angle.
- 27559 THE PRINCIPLES of line breeding. By Alpha. *So. African Poultry, Pigeon and Bird Mag.* 51: 225. Sept. 1945. 47.8 So83
- 27560 PYBUS, L. Brown Leghorn breed. *Tasmanian Farmer* 8(10): 9. (Cont.) July 1945. 22 T186
- 27561 RANKIN, W. B. Bantam breeders can learn from productionists. *Cackle and Crow* 27(12): 10. Oct. 1945. 47.8 Cl1
- 27562 RANKIN, W. B. Learn from commercial [poultry] breeders. *All-Pets Mag.* 16(17): 44. Oct. 1945. 48.8 AL5
- 27563 RYCKEBOSCH, V. Put the spotlight on breeding; family progeny testing is necessary for establishing desirable characteristics. *Turkey World* 20(10): 22-23, 76-79. Oct. 1945. 47.38 T84
- 27564 SEIDE, E. F. What breed? *Pacific Poultryman* 49(9): 5. Oct. 1945. 47.8 P112
- 27565 SODERBERG, P. M. Penny wise and pound foolish. *Poultry Farmer [London]* 113(2935): 6. Sept. 21, 1945. 47.3 F312  
Purchase of a cockerel for breeding.
- 27566 URI, D. 25 years of poultry breeding. (In Hebrew.) *Hassadeh* 25: 444-447. July 1945. 26 H27
- 27567 VAN GINK, C. S. T. How long have Japanese [Bantams] been in Europe? *Poultry Farmer [London]* 113(2935): 8. Sept. 21, 1945. 47.8 F312
- 27568 VAN HOESSEN, R. W. Facts about Bantams. *Amer. Farm Youth* 11(5): 36-37. Oct. 1945. 6 Am393
- 27569 VONDELL, J. H. Organized hybridizing of laying strains. *Canad. Poultry Rev* 69(10): 5, 17. Oct. 1945. 47.8 Cl6
- 27570 WILCOX, H. Battle birds; fightingest critters alive; Zimri Tate of Elbert County, Georgia, operates 1,200-acre farm chiefly with income from sales of Game fowl throughout Nation. *Grit and Steel* 47(6): 34-35. Oct. 1945. 47.8 G88
- 27571 WILLIAMS, G. T. Breeding your own winners. *Poultry [London]* 97: 171. Sept. 11, 1945. 47.8 P869
- 27572 WOODLAND, H. Can they be too small? *Poultry Farmer [London]* 113(2936): 8. Sept. 28, 1945. 47.8 F312  
Bantams.

#### Feeds and Feeding

- 27573 BEESON, F. W. Tenderized cockerels produced by feeding female hormones. *Canada Poultryman* 32(9): 6, 19. Sept. 1945. 47.8 Cl66
- 27574 BIRTWISTLE, V. There's no best feeding method. *Poultry [London]* 97: 169. Sept. 11, 1945. 47.8 P869
- 27575 BLISS, C. I. The combined slope in comparative tests of tibia and toe ash in the chick assay for vitamin D. *Poultry Sci.* 24: 534-541. Nov. 1945. 47.8 Am33P
- 27576 BUTTNER, E. E. How wheat differs in food value. *So. African Poultry, Pigeon and Bird Mag.* 51: 192. Aug. 1945. 47.8 So83  
In connection with feeding pigeons.
- 27577 CATON, S. Feeding pullets for production. *Ky. Farmer's Home J.* 81(10): 20. Oct. 1945. 6 F2237
- 27578 CLOCKS back this month. By Domesticus. *Mod. Poultry Keeping* 53: 242. Oct. 3, 1945. 47.8 Eg3  
Feeding.
- 27579 ETCHEGOYEN, F. Los pollitos y la falta de alimentos. *Vida Rural* 6(72): 29. July 1945. 9.4 V66
- 27580 KELLEY, D. Effects of several new vitamins on poultry. *Poultry Supply Dealer* 22(9): 16. Sept. 1945. 47.8 B11
- 27581 KELLEY, D. Feeds of future to show continued improvement. *Poultry Supply Dealer* 22(7): 30, 64. July 1945. 47.8 B11



27582 LACKLAND, S. B. Building and using coop walks; inexpensive provisions for feed and water may be handled as No. 2 rule of basic management for good health for Game fowl. Part 3. Grit and Steel 47(6): 30-31. Oct. 1945. 47.8 G88

27583 MCCLYMONT, G. L. The nutritional requirements of poultry. Agr. Gaz. N. S. Wales 56: 372-374. (Cont.) Aug. 1, 1945. 23 N472

#### Vitamins.

27584 MCGINNIS, J., NORRIS, L. C., and HEUSER, G. F. Chick bone development. Flour & Feed 46(5): 29. Oct. 1945. 298.8 F66

Availability of phosphorus in feeds.

27585 MCLEAN, L. T. Minimizing the seasonal slump. South. Calif. Rancher 10(9): 10. Sept. 1945. 6 So831

Effect of feeding on egg production.

27586 MILBY, T. T. Turkeys need green feed. Southwest Poultryman 9(6): 11. Oct. 1945. 47.8 So86

27587 MOORE, A. C. Special diet for autumn moulters. Poultry [London] 97: 166. Sept. 11, 1945. 47.8 P869

27588 NEWMAN, T. Feeding facts and fancies. Mod. Poultry Keeping 53: 226-227. Sept. 26, 1945. 47.8 Eg3

27589 NEWMAN, T. The "soul" of the food. Mod. Poultry Keeping 53: 244. Oct. 3, 1945. 47.8 Eg3

Sprouted grain.

27590 ORR, W. H., and BOUCHER, R. V. Lactalbumin a protein supplement. Flour & Feed 46(5): 17. Oct. 1945. 298.8 F66

Experiments with poultry.

27591 PARISH, A. J. Off their food. Poultry World 77: 109. Sept. 7, 1945. 47.8 P8682

27592 PEDERICK, W. O., and CLARK, A. G. Werribee [poultry] feeding tests - 1944-45. Victoria. Dept. Agr. J. 43: 335-337. Aug. 1945. 23 V66J

27593 PHILLIPS, H. Poultry on straw: a big help during the winter. Poultry World 77: 152. Sept. 28, 1945. 47.8 P8682

Oat or wheat straw as a supplementary feed.

27594 PLATT, C. S. Sprouted soybeans, mash and grains for emergency feeding of White Leghorn pullets. Poultry Sci. 24: 505-508. Nov. 1945. 47.8 Am33P

Effect on egg production.

27595 RAIMO, H. F. Alimentação das poedeiras em face da atual situação forrageira. Rev. dos Criadores 16(8): 39-40. Aug. 1945. 43.8 RJ2

Use of substitutes.

27596 RASMUSSEN, R. A. Distillers by-products in poultry and swine rations. Feedstuffs 17(42): 12-15. Oct. 20, 1945. 286.81 F322

27597 REMEMBER the birds when harvesting the garden crops. By Domesticus. Mod. Poultry Keeping 53: 222. Sept. 26, 1945. 47.8 Eg3

27598 ROBERTSON, E. I. More eggs from your feed. Successful Farming 43(10): 142-144. Oct. 1945. 6 Sul2

27599 ROJENT, I. Las verduras en la alimentación de las gallinas. Cult. Mod. 28: 57-59. Feb. 1945. 15 C89

Includes also other feeds.

27600 ROSCOE, C. Keep laying ducks away from acorns. Poultry [London] 97: 150. Sept. 4, 1945. 47.8 P869

27601 SPAFFORD, W. J. Sprouted grain makes up for shortage of green feed. Farmer and Settler 40 (31): 14. Aug. 31, 1945. 23 F226

Mainly concerns poultry.

27602 SYKES, G. Grass lays reduce feeding costs. Poultry [London] 97: 180. Sept. 18, 1945. 47.8 P869

27603 SYKES, J. F., DAVIDSON, J. A., and BARRETT, F. N. The effect of feeding diethylstilbestrol to cockerels. Poultry Sci. 24: 542-545. Nov. 1945. 47.8 Am33P

As a means of fattening.

27604 TOMEY, A. F. Problem of the last feed. Poultry Farmer [London] 112, 1. e. 113(2934): 3. Sept. 14, 1945. 47.8 F312

27605 TURNER, C. W., and others. The effect of thyroprotein on egg production. Poultry Sci. 24: 522-533. Nov. 1945. 47.8 Am33P

H. L. Kempster, N. M. Hall, and E. P. Reineke, joint authors.

#### Veterinary Medicine

27606 B., W. W. Blindness in bullets. Poultry [London] 97: 154. Sept. 4, 1945. 47.8 P869

Due to several causes, mainly a disease symptom.

27607 BERG, L. R. The relationship of clutch position and time interval between eggs to eggshell quality. Poultry Sci. 24: 555-563. Nov. 1945. 47.8 Am33P

27608 BUENO, R. C. Sinusite infecciosa: moléstia própria dos perds. Biológico 11: 222-226. Aug. 1945. 442.8 B529

27609 BURMESTER, B. R., and NELSON, N. M. The effect of castration and sex hormones upon the incidence of lymphomatosis in chickens. Poultry Sci. 24: 509-515. Nov. 1945. 47.8 Am33P

27610 CASSAMAGNAGHI, A. (HIJO) Trichomoniasis aviaria; primeras observaciones en el Uruguay. Uruguay. Min. de Ganad. y Agr. B. Mens. 28: 115-137. Apr./June 1945. Ref. 41.9 Ur8

27611 COLLINSON, R. Dub to improve cockerel fertility. Mod. Poultry Keeping 53: 244-245. Oct. 3, 1945. 47.8 Eg3

27612 DRANSFIELD, J. W. The lymphatic system of the domestic fowl. (Sum.) Vet. J. 101: 171-179. Aug. 1945. 41.8 V643

Thesis (M. V. S.) - University of Liverpool.

27613 FARNSWORTH, MRS. H. It can hit your flock. Mo. Ruralist 86(19): 25. Oct. 13, 1945. 6 R8891

Respiratory diseases in poultry.

27614 HALL, G. O. A large roundworm Ascaridia lineata found in egg of fowl. Poultry Sci. 24: 496-498. Nov. 1945. 47.8 Am33P

27615 HUTT, F. B., COLE, R. K., and BRUCKNER, J. H. A test of fowls bred for resistance to lymphomatosis. Poultry Sci. 24: 564-571. Nov. 1945. 47.8 Am33P

27616 KAUPP, B. F. Cold complex during fall and winter can sabotage flock; study of disease frequencies. Poultry Supply Dealer 22(9): 14, 38, 41. Sept. 1945. 47.8 B11

27617 KELLEY, D. Constant vigil is price of pullorum control. Poultry Supply Dealer 22(8): 12, 32-33. Aug. 1945. 47.8 B11

27618 KELLEY, D. Deficiency of vitamin E may cut hatchability. Poultry Supply Dealer 22(6): 20. June 1945. 47.8 B11

Also includes nutritional encephalomalacia.

27619 KELLEY, D. Five-headed dragon [leukosis] of the poultry industry. Poultry Supply Dealer 22(5): 12, 33. May 1945. 47.8 B11

27620 KELLEY, D. Lack of thiamin causes poultry polyneuritis. Poultry Supply Dealer 22(5): 16. May 1945. 47.8 B11

27621 KELLEY, D. Vitamin K necessary to prevent hemorrhages. Poultry Supply Dealer 22(8): 16. Aug. 1945. 47.8 B11

27622 KELLEY, D. Why breeding hens need gizzard factor. Poultry Supply Dealer 22(7): 24. July 1945. 47.8 B11

Gizzard erosion and its treatment through feeding.



- 27623 KOMAROV, A., and GOOR, S. Pneumoencephalitis (Newcastle disease) of poultry in Palestine. (In Hebrew.) Hassadeh 25: 440-443. July 1945. 26 H27
- 27624 LECOQ, R. Influence du déséquilibre protidique sur la réserve alcaline du sang et la composition du muscle du pigeon. Soc. de Biol. [Paris] Compt. Rend. 135: 340-343. Mar. 1941. 442.9 P21
- 27625 MCNEIL, E., and HINSHAW, W. R. Effect of chloride on turkeys and on *Hexamita meleagridis*. Poultry Sci. 24: 516-521. Nov. 1945. 47.8 Am33P
- 27626 NICOL, G. Infectious laryngotracheitis in poultry. Victoria Dept. Agr. J. 43: 329-330. Aug. 1945. 23 V66J
- 27627 PORTER, F. How we blood-test 200 to 300 birds per hour. Poultry Supply Dealer 22(5): 26. May 1945. 47.8 B11
- Technique described in pullorum disease testing.
- 27628 POWELL-OWEN, W. Our first-year diseases. Poultry World 77: 121, 125. Sept. 14, 1945. 47.8 P8682
- Resistance of chicks to disease.
- 27629 PRALL, P. A. Dubbing helps fertility. Poultry World 77: 161. Oct. 5, 1945. 47.8 P8682
- 27630 REINEKE, E. P., and TURNER, C. W. Seasonal rhythm in the thyroid hormone secretion of the chick. Poultry Sci. 24: 499-504. Nov. 1945. 47.8 Am33P
- 27631 RIDDLE, O., HOLLANDER, W. F., and SCHOOLEY, J. P. A race of hermaphrodite-producing pigeons. Anat. Rec. 92: 401-417. Aug. 1945. Ref. 447.8 An1
- 27632 ROWLANDS, W. T., and SMITH, H. W. Staphylococcosis in geese. J. Compar. Path. and Ther. 55: 125-131. Apr. 1945. 41.8 J82
- 27633 S., P. Una nuova infezione nei nostri allevamenti avicoli (la laringo-tracheite). Clin. Vet. 63: 385-387. Oct. 1940. 41.8 C61
- 27634 SEEGER, K. C. Causes of paralysis in broilers divided into two groups. Peninsula Broiler J. 5(11): 3-4. Oct. 1, 1945. 47.8 P37
- 27635 STURKIE, P. D., and WILLIAMS, A. G. Studies on pregastrular development, early embryonic development, and hatchability of prematurely laid eggs of the hen. Poultry Sci. 24: 546-554. Nov. 1945. 47.8 Am33P
- 27636 T., M. W. Blood test the birds. Mod. Poultry Keeping 53: 226. Sept. 26, 1945. 47.8 Eg3
- Test for pullorum disease.
- 27637 THAYER, R. H., JAAP, R. G., and PENQUITE, R. Fattening chickens by feeding estrogens. Poultry Sci. 24: 483-495. Nov. 1945. Ref. 47.8 Am33P
- A method for emasculating cocks without castration.
- 27638 THOMPSON, R. B. Fell chicken pox harmful. Southwest Poultryman 9(6): 10. Oct. 1945. 47.8 So86
- Immunization.
- 27639 VELOZ, L. B. Ultraviolet irradiation benefits poultry many ways. Poultry Supply Dealer 22(5): 18, 24-25. May 1945. 47.8 B11
- Adapted from paper presented in New York City before "Third Wartime Conference of the North Atlantic Section, American Society of Agricultural Engineers." As protection against air-borne diseases.
- 27640 VIANELLO, G. Sulla diffusione in Lombardia del colera aviario, della tifo aviaria e della peste aviaria. Clin. Vet. 63: 297-300. Aug. 1940. 41.8 C61
- 27641 WORTHINGTON, J. No excuse. Poultry Farmer [London] 112, i. e. 113(2934): 6. Sept. 14, 1945. 47.8 F312
- Coryza in poultry.
- 27643 ARE THEY born or made? By Rufus. Poultry [London] 97: 164. Sept. 11, 1945. 47.8 P869
- Concerning the Utility Poultry Judges Registration Board in Great Britain.
- 27644 BALL, P. You won't find it in a text book. Poultry Farmer [London] 112, i. e. 113(2934): 3. Sept. 14, 1945. 47.8 F312
- Poultry care.
- 27645 BARLEY, H. D. My ideal test bird. Poultry World 77: 145. Sept. 28, 1945. 47.8 P8682
- Laying contests.
- 27646 BARLEY, H. D. Ready for expansion. Poultry World 77: 121. Sept. 14, 1945. 47.8 P8682
- Poultry industry in Great Britain from the poultryman's viewpoint.
- 27647 BROOMHEAD, W. W. Increasing the flock. Poultry [London] 97: 152, 154. Sept. 4, 1945. 47.8 P869
- As related to conditions in Great Britain.
- 27648 BROOMHEAD, W. W. Layers in batteries. Poultry [London] 97: 168. Sept. 11, 1945. 47.8 P869
- 27649 C., V. M. Warm weather care. Northeast. Poultryman 44, i. e. 41(2): 23. Aug. 1945. 47.8 N44
- 27650 CANADA. DEPT. OF AGRICULTURE. LIVE STOCK AND POULTRY DIVISION. The Canadian record of performance for purebred poultry; summary of record of performance and progeny testing for 1943-44, 39 p. Ottawa, 1945. 47.9 C162C
- 27651 CANADIAN FEDERATION OF HATCHERY ASSOCIATIONS. 1944 roster, 24 p. n. p. 47.9 C164
- 27652 CASSAMAGNAGHI, F. La cría de pavos es renglón que ofrece las mejores perspectivas en nuestro país. Uruguay. Min. de Ganad. y Agr. B. Inform. 2: 292. July 19, 1945. 9.9 G15B
- 27653 CHARLES, T. B. How to cull [poultry]. Rural New-Yorker 104: 455. Oct. 6, 1945. 6 R88
- 27654 COOK, T. F. Gave up chickens for pigeons. Poultry & Rabbit Monthly 13(10): 9. Oct. 1945. 47.8 P8654
- Raising squabs.
- 27655 CRESSWELL, G. Trapping essential for dud spotting [of laying hens]. Poultry Farmer [London] 113(2937): 6. Oct. 5, 1945. 47.8 F312
- 27656 DAKAN, E. L. It's now or never for high-priced eggs. Ohio Farmer 196(7): 28. Oct. 6, 1945. 6 Oh3
- Seasonal suggestions as to care.
- 27657 DRAPER, C. I. Make preparations to give pullets a good start for high egg production. Utah Farmer 65(4): 14. Sept. 25, 1945. 6 D45
- Care.
- 27658 EAMES, L. W. Boost your incubator's "batting average." Poultry Supply Dealer 22(6): 14, 24-25. June 1945. 47.8 B11
- 27659 ELLIS, C. C. A 10 point program for poultry sanitation. Mass. State Col. Ext. Feathered fax, Sept. 15, 1945, p. 6-7. 275.29 M381Fe
- 27660 ELLIS, R. B. Watch for trouble in fall months; clean laying houses and green feed are good precautions for your flock. Southwest Poultryman 9(6): 6, 14. Oct. 1945. 47.8 So86
- 27661 FLANAGAN, J. Attention to detail. Tasmanian Farmer 8(10): 8. July 1945. 23 T186
- Poultry care.
- 27662 GILL, S. W. Squab raising is profitable. Poultry & Rabbit Monthly 13(10): 5-7. Oct. 1945. 47.8 P8654
- 27663 GIUSTI, G. Diagnosi precoce dell'avvenuta fecondazione dell'uovo di gallina. Clin. Vet. 63: 294-296. Aug. 1940. 41.8 C61
- 27664 GORDON, M. D. Freshening up the poultry pens. Field 186: 194. Aug. 25, 1945. 10 F45
- 27665 GRANGE, C. 90-100 eggs ought to be each layer's winter output--how to get it. Smallholder 73(1854): 10-11. Sept. 28, 1945. 10 Sml

#### Miscellaneous

- 27642 ANGELL, J. How to run a hatchery. Poultry Farmer [London] 113(2936): 3; (2937): 3. Sept. 28, Oct. 5, 1945. 47.8 F312



- 27666 GROM, M. O kurakh i vosstanovlenii skotovodstva. Kolkhoz. Proizvod. 5(4/5): 32. Apr./May 1945. 281.8 K83
- Raising of poultry for the meat required for delivery to the Government saved the cattle for reconstruction.
- 27667 H., H. Why not communal goose rearing? Mod. Poultry Keeping 53: 221. Sept. 26, 1945. 47.8 Eg3
- 27668 HADLINGTON, E. Careful culling rids flocks of inferior birds, and increases returns. Farmer and Settler 40(30): 17-18. Aug. 24, 1945. 23 F226
- 27669 HADLINGTON, E. Throw out unthrifty types of pullets. Farmer and Settler 40(31): 14. Aug. 31, 1945. 23 F226
- 27670 HALLOWS, H. Feathers are flying; but they should not be left for birds to eat. Poultry World 77: 116. Sept. 7, 1945. 47.8 P8682
- 27671 HART, C. P. Pullets need careful handling. R. I. State Col. Ext. Better Rural Life 6 (10): 2. Oct. 1945. 275.29 R34B
- 27672 HAYES, J. B. All-pullet flocks. Hoard's Dairyman 90: 558. Oct. 10, 1945. 44.8 H65
- 27673 HAYS, T. Sanitation in broiler houses requires attentiveness. Peninsula Broiler J. 5(11): 1-2. Oct. 1, 1945. 47.8 P37
- 27674 HOWES, H. Disappointing ducks. Mod. Poultry Keeping 53: 227. Sept. 26, 1945. 47.8 Eg3
- Causes of poor egg production in the autumn.
- 27675 HOWES, H. Layers will welcome a longer working week; lengthening the day by artificial lighting...will mean increased production. Smallholder 73(1854): 12. Sept. 28, 1945. 10 Sml
- 27676 HOWES, H. Make an autumn start with duckling hatching. Mod. Poultry Keeping 53: 208-209. Sept. 19, 1945. 47.8 Eg3
- 27677 HUTTON, J. Object of Bantam shows. Poultry [London] 97: 155. Sept. 4, 1945. 47.8 P869
- 27678 I REMEMBER. 2-3. By the Fenman. Poultry [London] 97: 153. Sept. 4, 1945. 47.8 P869
2. That disease outbreak; 3. Those powers of observation.
- 27679 JAMES, L. Grading and culling pullets. Cackle and Crow 27(12): 5. Oct. 1945. 47.8 C11
- 27680 KELLEY, D. Summer is time to promote flock service program; by helping customers with poultry problems you can maintain contacts, gain goodwill. Poultry Supply Dealer 22(6): 16, 34-35. June 1945. 47.8 B11
- Suggestions to hatcherymen.
- 27681 KISH, A. F. Pullet housing program outlined. Cackle and Crow 27(12): 7. Oct. 1945. 47.8 C11
- Care.
- 27682 KLEIN, G. T. Broilers in New England; some highlights of New England methods of raising meat birds with a few side-glances at Del-Mar-Va. Checkerboard News 7(9): 10-11. Nov./Dec. 1945. 389.78 C41
- 27683 LINS, J. Criando uma granjassinha para 200 poedeiras. Chacaras e Quintais 71: 695-696. June 15, 1945. 9.2 C34
- 27684 LODGE, C. The annual cull. Poultry Farmer [London] 112, 1. e. 113(2934): 6-7. Sept. 14 1945. 47.8 F312
- 27685 LODGE, C. Culling and selecting ducks, drakes and goslings. Poultry Farmer [London] 113 (2936): 7. Sept. 28, 1945. 47.8 F312
- 27686 LODGE, C. Night lighting in poultry houses. Poultry Farmer [London] 113(2937): 7. Oct. 5, 1945. 47.8 F312
- Various purposes and various types discussed.
- 27687 LODGE, C. Winter production plans. Poultry Farmer [London] 113(2935): 6-7. Sept. 21, 1945. 47.8 F312
- 27688 LUTZ, B. Your brood yard. Game Fowl News 21(9): 1-2. Nov. 1945. 47.8 G143
- Care of game fowl.
- 27689 MOISE, H. Thinking about going into the squab business? Amer. Egg & Poultry Rev. 6: 478, 480, 482, 484. Sept. 1945. 47.9 Am38
- 27690 MONTGOMERY, G. A. What's ahead for turkeys? Capper's Farmer 56(11): 9, 57. Nov. 1945. 6 M693
- Description of a turkey farm.
- 27691 MOORE, A. C. Preventing early pullets from moulting. Poultry [London] 97: 182. Sept. 18, 1945. 47.8 P869
- 27692 MOORE, S. A. Turkey progress in Texas. Prog. Farmer, Tex. Ed. 60(11): 74. Nov. 1945. 6 T311
- Mainly on the care needed for success.
- 27693 MORTON, M. An experience in poultry keeping. Farm and Forest 6: 21. Jan./Mar. 1945. 24 F226
- 27694 NATIONAL TURKEY IMPROVEMENT PLAN. Directory; hatcheries participating in the National Plan. Turkey World 20(10): 66-69. Oct. 1945. 47.38 T84
- A summary of records for the past year.
- 27695 NEWMAN, T. Controls counter mortality. Mod. Poultry Keeping 53: 208. Sept. 19, 1945. 47.8 Eg3
- Concerning regulation and inspection.
- 27696 PARISH, A. J. Abnormal eggs need not cause alarm, although some are traceable to controllable causes. Poultry World 77: 140. Sept. 21, 1945. 47.8 P8682
- 27697 PARISH, A. J. Range in the garden. Poultry World 77: 128. Sept. 14, 1945. 47.8 P8682
- 27698 FARISH, A. J. Waiting on the start; some changes to be looked for in the near-to-lay pullet. Poultry World 77: 157. Oct. 5, 1945. 47.8 P8682
- 27699 POWELL-OWEN, W. Those adult stage troubles; the true test for ability and staying power in egg production. Poultry World 77: 133, 140. Sept. 21, 1945. 47.8 P8682
- 27700 PRALL, P. A. Watch your management; where mistakes are made it is easy for cannibalism to break out. Poultry World 77: 125. Sept. 14, 1945. 47.8 P8682
- 27701 R. Technical terms explained. Poultry Farmer [Sydney] 13(3): 11-13. (Cont.) July 21, 1945. 280.28 Or32
- A glossary, alphabetically arranged, Se through Sm.
- 27702 RAIMO, H. F. Aspectos da exploração de poedeiras em confinamento. Rev. dos Criadores 16 (9): 49-51. Sept. 1945. 43.8 R32
- 27703 RAIMO, H. F. Trato e manejo das poedeiras em criação em abrigos fixos. Rev. dos Criadores 16(8): 41-43. (Concl.) Aug. 1945. 43.8 R32
- 27704 REAMER, B. Will your flockowners be flock-jumpers? Hatchery Tribune 19(10): 11. 53-55. Oct. 1945. 47.8 H28
- Suggestions for hatcherymen.
- 27705 ROBINSON, L. When egg size fails. Mod. Poultry Keeping 53: 221. Sept. 26, 1945. 47.8 Eg3
- 27706 ROSCOE, C. Can you judge your own stock? Poultry [London] 97: 182, 186. Sept. 18, 1945. 47.8 P869
- 27707 SANBORN, L. D. Hot days affect hens. Calif. Cult. 92: 524. Sept. 29, 1945. 6 C12
- 27708 SIDNEY, E. M. Dinner or layer? Poultry Farmer [London] 113(2935): 6-7. Sept. 21, 1945. 47.8 F312
- How to tell bullets from cockerels at 8-12 weeks in heavy breeds.
- 27709 SIVO, D. R. Poultryman explains how to get high egg production. Washcoegg 23(5): 4, 31. Oct. 1945. 47.8 W27
- Description of a farm.



- 27710 SMALL, M. C. Crosslands diversified. Turkey World 20(10): 20-21, 36, 38-39. Oct. 1945. 47.38 T84
- 27711 SODERBERG, P. M. Next year's breeding hens. Poultry Farmer [London] 113(2937): 6-7. Oct. 5, 1945. 47.8 F312
- Culling.
- 27712 SVKTS, G. Feed costs decide our future; a Wiltshire ley farmer..describes his poultry programme. Poultry Farmer [London] 113(2935): 3. Sept. 21, 1945. 47.8 F312
- Grass grazing combined with the colony system.
- 27713 TEXAS BABY CHICK ASSOCIATION. Official guide for poultry improvement work in Texas, July 1, 1945, A-L p. 47.9 T310
- A. H. Demke, executive secretary, Stephenville, Tex.
- 27714 TONTZ, C. Progeny testing profitable [for poultry]. Furrow, San Fr. - D [Ed.] 50: 4. July/Aug. 1945. 6 F98Sf
- 27715 UYS, C. J. Vermorsing van eiers gedurende die broeiseisoen [Waste of eggs during the hatching season]. So. African Poultry, Pigeon and Bird Mag. 51: 194. Aug. 1945. 47.8 So83
- Includes hatchability of eggs.
- 27716 VAILLANCOURT, R. Ultraviolet speeds growth in chicks. Poultry Supply Dealer 22(10): 18, 37. Oct. 1945. 47.8 B11
- Also described as an aid to sanitation.
- 27717 WARD, F. G. Raising turkeys on wire. Family Herald and Weekly Star 76(38): 16. Sept. 19, 1945. 7 F21
- 27718 WATANABE, Y. Are laying test gold cup winners of value to the industry? This breeder says --yes! Poultry World 77: 148, 149. Sept. 28, 1945. 47.8 P8682
- 27719 WATANABE, Y. A. A poultry plant for every purpose. Mod. Poultry Keeping 53: 244-245. Oct. 3, 1945. 47.8 Eg3
- 27720 WIGHTMAN, E. T. Pullet management. Ky. Farmer's Home J. 81(10): 20. Oct. 1945. 6 F2237
- 27721 WILLIAMS, G. T. Selecting laying test pullets. Poultry [London] 97: 186. Sept. 18, 1945. 47.8 P869
- 27722 WILSON, M. L. What makes a good demonstration? Natl. Co. Agent and Ext. Rev. 1(1): 11. Sept. 1945. 275.28 N213
- Color plates as a basis for culling poultry.
- 27723 WOOD, MRS. P. Making chickens pay. Mont. Farmer 33(4): 8. Oct. 15, 1945. 6 M764
- Care.
- 27724 ZUMBRO, P. How the Nat'l. Turkey Improvement Plan is administered. Turkey World 20(10): 65, 73. Oct. 1945. 47.38 T84

### RABBITS

#### Breeds and Breeding

- 27725 ARLEDGE, A. Palmer Lake. Small Stock Mag. 29(10): 10-14. Oct. 1945. 48.8 p442
- American Angora Rabbit Breeders Cooperative.
- 27726 BEHRENS, M. E. The American Chinchilla Giant. Small Stock Mag. 29(10): 3, 16-18. Oct. 1945. 48.8 p442
- 27727 BENEDICT, P. F. Rexing normal haired rabbits. Small Stock Mag. 29(10): 46. Oct. 1945. 48.8 p442
- 27728 BLAKE, R. Siberians not popular [breed of rabbit]. Poultry World 77: 139. Sept. 21, 1945. 47.8 P8682
- 27729 BLAKE, R. Sidelights on the Rex. Poultry World 77: 151. Sept. 28, 1945. 47.8 P8682
- Castor Rex breed of rabbit.
- 27730 BLAKE, R. Talking of Havanas. Poultry World 77: 162. Oct. 5, 1945. 47.8 P8682
- 27731 CITRO, N. Creme De Argents. Internatl. Com. Rabbit J. 3(24): 63-64. Oct. 1945. 40.28 In8

- 27732 G., C. Heat spoils fertility of male rabbits. Poultry Farmer [London] 113(2937): 9. Oct. 5, 1945. 47.8 F312
- 27733 HANSEN, A. A. Angora rabbit raising. Internatl. Com. Rabbit J. 3(24): 50. Oct. 1945. 40.28 In8
- 27734 HEETEBRY, P. T. Why I like Angoras. Calif. Rabbits Mag. 8(11): 3, 14. June 1945. 40.28 Sa5
- 27735 HERTZIG, H. B. Let's show our Chins. Internatl. Com. Rabbit J. 3(24): 7-8. Oct. 1945. 40.28 In8
- 27736 HIGLEY, M. L. Facing the facts. Calif. Rabbits Mag. 8(11): 5. June 1945. 40.28 Sa5
- Show versus the commercial rabbit breeder.
- 27737 HOUGH, B. V. More on the Chinchilla [weight] gap. Amer. Small Stock Farmer 30(1): 11. Oct. 1945. 48.8 J82
- Also in Small Stock Mag. 29(10): 24. Oct. 1945. 48.8 P442
- 27738 K., A. L. Why I like Flemish. Calif. Rabbits Mag. 9(3): 18. Oct. 1945. 40.28 Sa5
- 27739 LUNSFORD, O. R. Giant Chinchillas. Amer. Small Stock Farmer 30(1): 4. Oct. 1945. 48.8 J82
- 27740 MILLIKEN, O., JR. Weight gap in Chinchillas. Small Stock Mag. 29(10): 46. Oct. 1945. 48.8 p442
- 27741 RAINEY, F. M. American or English standards for Cremes? Small Stock Mag. 29(10): 46. Oct. 1945. 48.8 p442
- Creme D'Argent.
- 27742 SMITHSON, R. Rex rabbits in England. Internatl. Com. Rabbit J. 3(24): 14. Oct. 1945. 40.28 In8
- 27743 WHITMORE, R. The truth about Rexes. Internatl. Com. Rabbit J. 3(24): 13-14. Oct. 1945. 40.28 In8

### Feeds and Feeding

- 27744 PATWORTH, D. Autumn greenfoods for rabbits. Poultry [London] 97: 185. Sept. 18, 1945. 47.8 P869
- 27745 PATWORTH, D. Dry some more greenstuff for rabbits. Poultry [London] 97: 169. Sept. 11, 1945. 47.8 P869
- 27746 TEMPLETON, G. S. Soybean oil meal in rabbit feeding. Soybean Digest 5(12): 11. Oct. 1945. 60.38 So9

### Veterinary Medicine

- 27747 CHEVREL-BODIN, M. L., and LEROY, D. Action de la folliculine sur le testicule du lapin. Soc. de Biol. [Paris] Compt. Rend. 135: 336-338. Mar. 1941. 442.9 P21

### Miscellaneous

- 27748 ABRAMS, L. E. International organization for Angora breeders. Internatl. Com. Rabbit J. 3(24): 79-81. Oct. 1945. 40.28 In8
- 27749 BLAKE, R. The finished article; there are more ways than one of killing a rabbit. Poultry World 77: 127. Sept. 14, 1945. 47.8 P8682
- 27750 BLAKE, R. Selecting the best pelts. Poultry World 77: 114-115. Sept. 7, 1945. 47.8 P8682
- Suggestions as to selection of rabbits before slaughtering.
- 27751 BROCK, B. Growing rabbits successfully. Poultry & Rabbit Monthly 13(10): 7. Oct. 1945. 47.8 P8654
- 27752 CITRUS BELT RABBIT ASSOCIATION OF POMONA, CALIFORNIA. A program for the establishment of a State Rabbit Experiment Station. Calif. Rabbits Mag. 9(3): 12. Oct. 1945. 40.28 Sa5
- F. W. Slade, chairman.



27753 GOODCHILD, C. Six-doe stud on the small-holding. 6-7. Poultry Farmer [London], 112, 1. e. 113(2934): 9; (2935): 9. (Concl.) Sept. 14, 21, 1945. 47.8 F312

6. Market opportunities; 7. Stock and housing tables.

27754 HELPING the beginners. Chapter No. 7. Weaning litters, culling, selecting and marking young stock. By Old Timer. Internatl. Com. Rabbit J. 3(24): 75-77. Oct. 1945. 40.28 In8

27755 HERZOG, W. C. Values of the 4-H rabbit club. Small Stock Mag. 29(10): 4. Oct. 1945. 48.8 p442

27756 HIGLEY, M. L. Let's get busy. Calif. Rabbits Mag. 9(3): 4, 12. Oct. 1945. 40.28 Sa5  
As to the transfer of work on rabbits from Fish and Wildlife Service to the Dept. of Agriculture.

27757 HIGLEY, M. L. Members and friends of the Rabbit Breeders' Ass'n. and all associated industries. Calif. Rabbits Mag. 9(3): 3. Oct. 1945. 40.28 Sa5

As to the transfer of work on rabbits from Fish and Wildlife Service to the Dept. of Agriculture.

27758 HOBBS, E. A. Steps to success. Calif. Rabbits Mag. 9(3): 19. Oct. 1945. 40.28 Sa5

27759 JOHNSON, C. F. A nationally recognized R. O. P. system. Internatl. Com. Rabbit J. 3(24): 59-62. Oct. 1945. 40.28 In8

27760 PRICE, J. A. Let's have a simple, workable universal R. O. P. system that is fair to all. Amer. Small Stock Farmer 30(1): 3. (Concl.) Oct. 1945. 48.8 J82

27761 SPOONER, H. L. Raising rabbits has many points of value to folks on the farm. Farmers Guide 101(20): 20. Oct. 15, 1945. 6 In2  
Meat-rabbit industry.

27762 WILLIAMS, P. F. Registration and summer moulting. Amer. Small Stock Farmer 30(1): 5. Oct. 1945. 48.8 J82

Suggestions as to registering rabbits in molt.

## SHEEP AND GOATS

### Breeds and Breeding

27763 ALEXANDER, M. Why black lambs? New Zeal. Farmer Weekly 66(12): 8. Aug. 9, 1945. 23 N484

From the standpoint of heredity.

27764 ALON, D. Palestine as a suitable country for the breeding of Karakul sheep. (In Hebrew.) Hassadeh 25: 438-439. July 1945. 26 H27

27765 BOWKER, J. The "evil" of breeding one's own rams. Merino Breeders' J. 7(3): 15-16. July 1945. 45.8 So8

27766 ENSLIN, J. R. Prepotency and type. Merino Breeders' J. 7(3): 32-33. July 1945. 45.8 So8

Heredity.

27767 \*FONT DE TOLEDO, S. La cría del Karakul en España. In Spain. Min. de Agr. Conf. Promocionadas en la Emision Radio Agr., p. 329-335. Madrid, 1945. 15 Spl2C

Problems of producing Karakul sheep for the fur.

27768 HAKAKI, A. Sheep-breeding in the present season. (In Hebrew.) Hassadeh 25: 437-438. July 1945. 26 H27

27769 KINCHIKOV, I. Plemennoi rassadnik tonkorunnykh ovets. Sovkhoz. Proizvod. 4(12): 26-29. Dec. 1944. 20 So85

A breeding nursery of fine-wooled sheep in the U. S. S. R.

27770 \*KIRILLOV, V. Organizatsiya uplotnennykh okotov. Sovkhoz. Proizvod. 4(12): 34-36. Dec. 1944. 20 So85

Plan to breed sheep all at one time.

27771 LE ROUX, J. L. Genetics and the Merino. Merino Breeders' J. 7(3): 8-10, 33. July 1945. 45.8 So8

27772 MEANS, R. H. Lamb and wool production by northwestern, southwestern, and Corriedale-native ewes. Miss. Farm Res. [Miss. Sta.] 8(8): 1-2. Aug. 1945. 100 M69M1

27773 SORGE, G. I caprini di razza Ankara in Albania. Clin. Vet. 63: 451-455. Dec. 1940. 41.8 C61

Angora goat.

27774 STAKAN, G. A. O znachenii otbora i podbora v izmenenii korrelatsionnykh zavisimostei (The importance of selection and matching in the change of correlations). Zhur. Obshch. Biol. 5: 317-324. 1944. 442.8 Z6

English summary.

Heredity and wool production.

### Feeds and Feeding

27775 BAGRAD, N. The effect of sheep ranging on soil fertility. (In Hebrew.) Hassadeh 25: 487-488. July 1945. 26 H27

27776 BELL, A. Gleaned rations. Brit. Goat Soc. Monthly J. 38: 53-54. Sept. 1945. 40.19 B77M  
Feeding suggestions.

27777 DUCK, R. W. Feeding ewes and fattening lambs. Rural New-Yorker 104: 472. Oct. 20, 1945. 6 R88

27778 HENRICI, M. Digestion experiments with fresh karoo plants. So. African J. Sci. 41: 213-217. Feb. 1945. 515 So84

Chemical content given for various forage plants browsed by sheep.

27779 MILLER, R. C. More pasturage - more sheep. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 60(10): 70-71, 74. Oct. 1945. 6 P945K

27780 MILLER, R. F. Beans vs. barley for fattening lambs. Calif. Wool Grower 21(41): 8. Oct. 9, 1945. 45.8 C12

### Veterinary Medicine

27781 BRYAN, C. S. The prevention and control of mastitis in goats. Dairy Goat J. 23(8): 6-8. Oct. 1945. 40.18 M592

27782 BYTHELL, D. W. P., and PARKER, W. H. Hypocalcaemia in ewes. Vet. Rec. 57: 432-433. Sept. 22, 1945. 41.8 V641

27783 CLARE, N. T. Photosensitivity diseases in New Zealand. IV. The photosensitizing agent in Southdown photosensitivity. New Zeal. J. Sci. and Technol. Sect. A, Agr. 27: 23-31. June 1945. 514 N48A

27784 HOLMAN, H. H. Studies on the haematology of sheep. IV. Erythrocytic and thrombocytic pictures, and variations in physical attributes. J. Compar. Path. and Ther. 55: 146-157. Apr. 1945. 41.8 J82

27785 KOGER, M. The effectiveness of gonadotropin injections followed by insemination in inducing pregnancy in ewes. Endocrinology 37: 165-170. Sept. 1945. 448.8 En2

27786 LATOURETTE, E. Cyanogenetic plant poisoning of dairy goats. Amer. Dairy Goat News 7(4): 8. Oct. 1945. 40.18 Am34

As a result of feeding on certain damaged plants.

27787 MOULE, G. R. Organising for the Mules operation. Queensland Agr. J. 61: 89-92. Aug. 1, 1945. 23 Q33

27788 ROMBOLI, B. Ricerche sulla flora microbica delle emigdale di pecore sane. Clin. Vet. 63: 285-293. Aug. 1940. 41.8 C61  
Pathogenic bacteria.

27789 ROSENBERGER, A. C. Some sheep disease problems. Part III. Entero-toxemia of feeder lambs on pasture. Allied Vet. 16(5): 9. Sept./Oct. 1945. 41.8 AL5



27790 ROUBAUD, E., and DESCHIENS, R. Essais relatifs à la prophylaxie de l'anguillulose du mouton par l'usage des Hyphomycètes prédateurs du sol. Soc. de Biol. [Paris] Compt. Rend. 135: 687-690. May 1941. 442.9 P21

27791 STEWART, W. L. Research work into sheep and lamb diseases; report, 10, 1944, 37 p.; 11, 1945, 37 p. Newcastle upon Tyne, King's College, Northern Counties Animal Diseases Research Fund. Memorial to Alan, 8th Duke of Northumberland. 41.9 AL13

Contains also Report on grass sickness in horses.

27792 SUMNER, K. C. Eggs of Fasciola hepatica in an unusual situation [in a sheep]. Vet. J. 101: 181-184. Aug. 1945. 41.8 V643

27793 TARANTINO, G. B. Febbre catarrale degli ovini. Clin. Vet. 63: 445-450. Dec. 1940. 41.8 C61

27794 WILSON, C. V. The next 90 days with the ewes. South. Planter 106(10): 24. Oct. 1945. 6 So89

Care of ewes during pregnancy.

#### Miscellaneous

27795 ARMSTRONG, H. Changes in sheep raising. Mont. Farmer 33(4): 8. Oct. 15, 1945. 6 M764

Care.

27796 BUSURIN, I. A. A. Pravil'no provodite strizhku ovets [The proper way to shear sheep]. U. S. S. R. Narod. Komis. Zeml. Agrotekhsociety Kol-khoz., No. 18, 8-p. folder. Moskva, 1945. 20 Ag88

27797 FRASER, A. Scottish sheep besides half-breeds. Farmer & Stock-Breeder 59: 1403. Sept. 4, 1945. 10 F228

27798 \*GIFLEN, P. 25 Jahre andernacher schaf-zuchtgenossenschaft. Landesbauernschaft Moselland. Wchnbl., No. 13, p. 152. (To be cont.) Mar. 25, 1944. 18 L2328

27799 HESMAN, M. B. El ganado ovino en la Provincia de Jujuy. Suelo Argentino 4: 494-495, 534. (To be cont.) Aug. 1945. 9 Su2

27800 KLING, B. T. Experience with milk goats. Pa. Farmer 133: 188. Oct. 13, 1945. 6 P383

Home raising.

27801 NEALE, J. R. Goat production in Peru. Amer. Dairy Goat News 7(4): 4. Oct. 1945. 40.18 Am34

Also in Dairy Goat J. 23(8): 10-11, Oct. 1945 (40.18 M592) with author incorrectly given as Rose B. Loving.

27802 POZZI, C. M. La oveja. Buenos Aires. Dir. de Ganad. Fol., No. 4, 95 p. La Plata, 1945. 49 B86F

Bibliography, p. 95, by A. C. Falcioni.

27803 ROMER, C. W., and ROMER, V. D., ed. American dairy goat year book, v. 4, 96 p. Admire, Kans., 1945. 40.18 Am35

Partial contents: There should be more goat milk, by S. Keener, p. 5-6; Little Judy produced curative food, by C. W. Romer, p. 7; Names and herds, p. 9-10; Goat raising in northern Ontario, by O. L. Grey, p. 14-15; Official standards...adopted by the French Alpine Breeders' Association, p. 17, 19; Color of French Alpines, by D. Gay, p. 19, 21; Long lactation in French Alpines with average care and feed, by Mrs. W. C. Mooney, p. 23-24; Nubians...importations into the United States, by Mrs. E. L. Goodridge, p. 30-31; "Sacred cows" [goats], by A. C. Berry, p. 34-35; We ship Saanens, by W. Shippy, p. 42-43; J. C. Darst-the father of capriculture in the United States, by B. Robinson, p. 46-49; The Three Oaks herd of Saanens, by J. F. Fetter, p. 49-50; Panama Prince Fribourg 16622 [a Saanen], by J. F. Fetter, p. 51-53; Petty's Alice 51643; AR 325 [a Saanen doe], by B. Robinson, p. 53-57; Toggenburg importations, by B. Robinson,

p. 57-61; Panama Prinz 15359 (imported) [a Saanen], by B. Robinson, p. 61-75; Toggenburgs, by Mrs. F. B. Keifer, p. 75, 77; French Alpines, by Mrs. I. E. Ettien, p. 77-80; Saanens, by J. F. Fetter, p. 80; Inbreeding? Linebreeding? Why? Why not? by L. J. Hulbert, p. 81-82; Federal research in dairy goat husbandry, by D. A. Spencer, p. 83, 85, 87; Keep your goats producing, by D. Roberts, p. 88, 90. 27804 SINGLETON, R. Missouri sheep and sheepmen. Sheepman 16: 182, 203. Oct. 1945. 45.8 Sh32

#### SWINE

##### Breeds and Breeding

27805 ATHANASSOF, N. A raça Duroc-Jersey. Rev. Rural Bras. 25(299): 34-35. July 1945. 9.2 B733

27806 D., C. J. Some causes of unsatisfactory litters [in swine]. Farmers' Gaz. [Dublin] 103: 528. Sept. 8, 1945. 10 F221

27807 DRY, F. W., and COOPER, M. M. Colour inheritance in crossbred pigs of Large White-Tamworth origin. New Zeal. J. Sci. and Technol. Sect. A, Agr. 27: 64-71. June 1945. 514 N48A

27808 ELIJAH, H. D. Good Hampshires in the deep South. Amer. Hampshire Herdsman 20(10): 44. Oct. 1945. 46.8 Am33

27809 HUNT, W. J. Hog breeders did it again; cross of inbred Polands and Yorkshires. Successful Farming 43(10): 40. Oct. 1945. 6 Su12

Resulting in a new breed called Minnesota No. 2, developed at the Minnesota Agricultural Experiment Station.

27810 KRUH, H. G. Story of Yorkshires. Hog Breeder 20: 242, 244. Oct. 1945. 46.8 H672

27811 O'BRYAN, J. G. Good Hamp pictures don't just happen. Amer. Hampshire Herdsman 20(10): 10. Oct. 1945. 46.8 Am33

27812 WITTER, J. E. A live wire Hampshire organization...Eastern Pennsylvania Hampshire Swine Breeders Cooperative. Amer. Hampshire Herdsman 20(10): 66. Oct. 1945. 46.8 Am33

##### Feeds and Feeding

27813 \*BIER, J. Wie habe ich durch erweiterung und bessere ausnutzung meiner wirtschaftseigenen futterquellen die schlachtvieherzeugung, insbesondere die schweinemast, aufrechterhalten? Landesbauernschaft Moselland. Wchnbl., No. 48, p. 864. Nov. 28, 1942. 18 L2328

27814 BOHSTEDT, G. Hog feeding facts. Dakota Farmer 65(19): 16. Oct. 6, 1945. 6 D14

27815 HALL, E. K. Feeding of pigs. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 137, 2 p. Pretoria, 1945. 24 So82Pa

27816 KNIGHT, E. D. Self-feeding on good forage best way to fatten hogs. W. Va. Dept. Agr. Market B. 29(10): 19. Oct. 1945. 2 W522W

27817 KRIDER, J. L. Green magic--alfalfa meal for dry-lot hogs. Successful Farming 43(10): 130-133. Oct. 1945. 6 Su12

27818 MCCLYMONT, G. L., GEDDES, H. J., and SMITH, M. Making the most of meat meal supplies; suggested method of preparing pig rations. Primary Prod. [Sydney] 22(34): 8-9. Aug. 24, 1945. 23 P93

27819 MITTON, R. L. Diet deficiency in pigs; supplements required when wheat fed. New Zeal. Farmer Weekly 66(12): 22. Aug. 9, 1945. 23 N484

27820 \*OSIPOV, M. Sakharina svekla v ratsione sviney pri otkorme [Sugar beet in fattening rations of swine]. Sovkhoz. Proizvod. 4(12): 44-45. Dec. 1944. 20 So85

27821 PARKER, H. More alfalfa makes a difference. Country Book Mag. 5(2): 9-13. Autumn 1945. 6 C836

Alfalfa as feed for swine.



27822 PINKERTON, H. E. Calcium deficiencies of swine. Fort Dodge Bio-chemic Rev. 16(2): 8, 17. Fall 1945. 41.8 F772

27823 FLAHER, C. 30 litters a month at Hormel Foundation swine project. Hog Breeder 20: 234. Oct. 1945. 46.8 H672  
Concerning pasture feeding.

27824 RUSSELL, H. G. Use of small grains for hog feed. Poland China World 32(9): 25. Oct. 1945. 46.8 Sw62

27825 \*SCHN. Neue eiweissquelle für die moselländische schweinemast. Landesbauernschaft Moselland. Wchnbl., No. 40, p. 729. Oct. 3, 1942. 18 I2328

27826 WEBB, E. A. Brewers yeast for pigs. Flour & Feed 46(5): 27. Oct. 1945. 298.8 F66

#### Veterinary Medicine

27827 BOSTOCK, F. Sanitation in pig raising. Queensland Agr. J. 61: 112-115. Aug. 1, 1945. 23 Q33

27828 BOWEN, L. E. Salt poisoning in pigs. Fort Dodge Bio-chemic Rev. 16(2): 12-13. Fall 1945. 41.8 F772

27829 DUCK, R. W. Preventing and treating pig parasites. Rural New-Yorker 104: 444. Oct. 6, 1945. 6 R88

27830 EDMONDS, E. V. Use of sulfathalidine (phthalylsulfathiazole) in the treatment of enteritis in swine. Amer. Vet. Med. Assoc. J. 107: 238-241. Oct. 1945. 41.8 Am3

27831 FERRIN, E. F. The brood sow's udder. Breeder's Gaz. 110(9): 14, 17. Oct. 1945. 49 B74

27832 GLEDHILL, A. W. The passive protection of mice against infection with *E[rysipelothrix] rhusiopathiae*. J. Compar. Path. and Ther. 55: 93-108. Apr. 1945. 41.8 J82

Immunization with sera prepared in various ways.

27833 HARSHFIELD, G. S. Brucellosis (infectious abortion) of swine. Dakota Farmer 65(19): 7. Oct. 6, 1945. 6 D14

27834 PLUMMER, P. J. G. Reticulum cell sarcoma of the bone marrow of a pig. Canad. J. Compar. Med. 9: 254-257. Sept. 1945. 41.8 C162

27835 RELATION of nutrition to lameness in swine. Nutr. News B., v. 1, No. 4, 4 p. Oct. 1945. 389.78 N95

#### Miscellaneous

27836 AUSTIN, M. H. Butchering time is here again. Farmers Fed. News 26(2): 7. Oct. 1945. 280.28 F225

Swine slaughtering.

27837 BOHSTEDT, G. Early farrowed pigs are healthier. Hog Breeder 20: 134. Oct. 1945. 46.8 H672

27838 GARDNER, G. T. So you want to revive the aged boar class [in shows]. Amer. Hampshire Herdsman 20(10): 54, 78. Oct. 1945. 46.8 Am33

27839 HOLLSTEIN, D. Don't sentence your boar to a concentration camp. Amer. Hampshire Herdsman 20(10): 52, 73. Oct. 1945. 46.8 Am33  
Care.

27840 LEWIS, L. H. Suggested programs for beef cattle and hogs as related to marketing. For Sale, Want and Exch. B. 5(1): 1. Oct. 1, 1945. 280.38 F74

Importance of care.

27841 OSGOOD, G. MacDonalds' formula for prize pigs. Checkerboard News 7(9): 8-9. Nov./Dec. 1945. 389.78 C41

4-H Club project.

27842 PIFER, R. W. Better methods will increase hog profits. Ky. Farmer's Home J. 81(10): 13-14. Oct. 1945. 6 F2237

27843 SHEARN, J., and HICKS, J. H. C. Pig keeping in the Anchau Corridor. Farm and Forest 6: 40-41. Jan./Mar. 1945. 24 F226

27844 SIMON, E. I. Vyrashchivanie porosiat-sosunov [The raising of suckling pigs]. U. S. S. R. Narod. Komis. Zeml. Agrotekhsociety Kolkhoz., No. 21, 8 p. Moskva, 1945. 20 Ag88

27845 WEBB, G. Pigs live in real luxury at Atlanta Penitentiary. South. Stockman 5(10): 88, 98. Oct. 1945. 49 So83

27846 WHITLOCK, H. G. I decided on pedigree pigs; a 6-acre market garden and pig holding in Surrey. Smallholder 73(1854): 17. Sept. 28, 1945. 10 Sml

27847 WOODIN, R. J. Cure for pork shortage. Ohio Farmer 196(7): 32. Oct. 6, 1945. 6 Oh3  
Study of swine at a vocational school.

#### ENTOMOLOGY

##### GENERAL

27848 BEAMENT, J. W. L. The cuticular lipoids of insects. J. Expt. Biol. 21: 115-131. Aug. 1945. Ref. 442.8 B77

27849 BOROWIK, H., and STOCKLEY, C. H. Ants, locusts and gardeners. 1-2. Countryman 32(1): 23-28. Autumn 1945. 281.28 C832

Contents: 1. Trying moments in Brazil; 2. Locusts and three thousand storks.

27850 BUSNEL, R. G., GRENIER-DARLU, G., and PORTIER, P. Localisation de la sensibilité thermique chez les insectes. Paris. Soc. de Biol. Compt. Rend. 135: 1538-1540. Dec. 1941. 442.9 F21

27851 EFRON, E. Behind the scenes at the insect zoo. Sci. Digest 18(5): 15-18. Nov. 1945. 470 Sci27

N. Y. Zoological Society, Department of Insects, opens exhibit at Bronx Zoo.

27852 FLANDERS, S. E. A barrier for confining crawling organisms. (Sci. note.) J. Econ. Ent. 38: 495. Aug. 1945. 421 J822

For use in rearing *Macrocentrus ancyliovorus* on *Gnorimoschema operculella*.

27853 FROST, S. W. Insects feeding or breeding on indigo, Baptisia. N. Y. Ent. Soc. J. 53: 219-225. Sept. 1945. Ref. 420 N48J

27854 HEMMING, F. Report by the International Commission on Zoological Nomenclature for the year 1944. B. Zool. Nomencl. 1: lxi-lxix. Aug. 21, 1945. 410 B874

27855 MCCOY, E. E. A laboratory aid in the isolation of entomogenous fungi. N. Y. Ent. Soc. J. 53: 236. Sept. 1945. 420 N48J

Preparation of *Beauveria bassiana*.

27856 \*PAULIAN, R., and VILLIERS, A. Observations écologiques et biogéographiques sur la haute montagne marocaine. Soc. Ent. de France. Ann. 109: 89-107. Mar. 15, 1941. Ref. 420 F84

Récoltes de R. Paulian et A. Villiers dans le Haut Atlas Marocain, 1938 (XVI<sup>e</sup> note).

27857 RAFF, W. F., JR. The Andrew Bolter insect collection. Ent. News 56: 209. Oct. 1945. 421 En88

27858 SÁNCHEZ Y SÁNCHEZ, D. Contribuciones para la investigación biológica. Segunda parte: Los desplazamientos de los animales. Emigraciones. Inst. Cajal de Invest. Biol. Trab. 36: 61-136. 1944. 442.9 Sp1A

Migratory instinct in insects and other animals.

27859 SHEPPARD, R. W. Gulls and terns hawking flying insects. Wilson B. 57: 204. Sept. 1945. 413.8 W692



- 27860 WEISS, H. B. Ancient remedies involving insects. N. Y. Ent. Soc. J. 53: 246. Sept. 1945. 420 N48J
- 27861 WEISS, H. B. C. V. Riley's pirated work. N. Y. Ent. Soc. J. 53: 226. Sept. 1945. 420 N48J
- 27862 WEISS, H. B. The longevity of entomologists. N. Y. Ent. Soc. J. 53: 231-237. Sept. 1945. 420 N48J
- 27863 WIGGLESWORTH, V. B. Transpiration through the cuticle of insects. J. Expt. Biol. 21: 97-113. Aug. 1945. Ref. 442.8 B77

## GENERAL - ECONOMIC

- 27864 A., B. Copper sulphate effective for destroying field slugs. Farmers' Gaz. [Dublin] 103: 523. Sept. 8, 1945. 10 F221
- 27865 ALMEIDA S., J. A. Defienda sus graneros. Sementera 2(2): 24-25. May 28, 1945. 9.5 Se5  
Types and advantages of fumigants to be used.
- 27866 ANNAND, P. N. Precautionary labeling on DDT and its formulations. A. I. F. News Sup. 4, No. 1, 1 p. Oct. 1945. 421 Ag8
- 27867 \*BEKLEMISHEV, V. N. O prinTsipakh sravni-tel'noi parazitologii v primenenii k krovososushchim chlenistonogim [On the principles of comparative parasitology as applied to the blood-sucking arthropods]. Med. Parazitol. i Parazitar. Bolezni 14: 3-11. 1945. 448.8 M469
- 27868 BOURNE, A. I. DDT shows promise in recent tests. Mass. State Col. Ext. Fruit Notes, Sept. 28, 1945, p. 3, processed. 275.29 M381Fr
- 27869 BRANNON, D. H. Good insects help in controlling bad ones. Wash. Farmer 70, 1. e. 80: 550, 569. Oct. 18, 1945. 6 R151
- 27870 BRUCE, W. N., and TAUBER, O. E. Trials with DDT on potatoes, cabbage, and squash. J. Econ. Ent. 38: 439-441. Aug. 1945. 421 J822
- 27871 BUSVINE, J. R. Insecticidal action of D.D.T. Nature [London] 156: 169-170. Aug. 11, 1945. 472 N21
- 27872 C., W. E. S. A sticky end for fruit tree enemies; the great advantages in grease-banding. Smallholder 74(1855): 9. Oct. 5, 1945. 10 Sml
- 27873 CARVAJALINO, L. J. Insecticidas y fungicidas de uso frecuente. Agr. Trop. 1(3): 39-41; 1(5): 42-43; 1(6): 50-51. (Cont.) Apr., June, July 1945. 26 Ag8
- 27874 CEBALLOS Y F. DE CORDOBA, G. Los grandes problemas de la entomología forestal norteamericana. Montes 1: 45-47. (To be cont.) Mar./Apr. 1945. 99.8 M763
- 27875 CEVALLOS G., M. A. Importancia de los insectos en el convivir humano. Ecuador. U. Cent. Inst. Bot. B. 3(5): 143-154. June 1945. 451 Ec9  
Injurious and beneficial insects.
- 27876 CHIU, S. F., LIN, S., and CHIU, Y. S. Insecticidal action of a Yunnan papilionaceous plant, *Millettia pachycarpa* Benth. China. Min. Agr. and Forestry. Chinese J. Sci. Agr. 1: 190-194. Mar. 1944. 22.5 C448
- 27877 CÔMO almacenar maíz, problemas que ofrece y soluciones prácticas; manera de prevenir que los insectos y el moho dañen el maíz. El calor y la humedad favorecen la actividad de los insectos y del moho (1ª parte). Rev. de Agr. [San José] 17: 441-446. Sept. 1945. 8 Es1
- 27878 D D T. Consum. Res., Inc. B. 16(4): 5-8. Oct. 1945. 321.8 C76  
Pros and cons; cautions in use.
- 27879 DDT; a growing volume of this new insecticide will be dispensed in coming months; here are the latest data on civilian uses. Amer. Pharm. Assoc. J. 6: 260-265. Oct. 1945. 396.9 Am33Ja
- 27880 DDT FROM war to peace. Chem. Age [London] 53: 291-294. Sept. 29, 1945. 382 C427
- 27881 DAUBERSCHMIDT, K. Zur bekämpfung und verhütung der nadelholz-insekten-grossschäden. Allg. Forst- u. Jagd-Ztg. 117: 48-51. Feb. 1941. 99.8 AL3
- 27882 DEONIER, C. C., and BURRELL, R. W. Air-plane application of DDT larvicides. J. Econ. Ent. 38: 425-427. Aug. 1945. 421 J822  
Sprays proved more satisfactory than dusts for mosquito control.
- 27883 EHRLICH, R. Bekämpfung und verhütung der nadelholz-insekten-grossschäden. Allg. Forst- u. Jagd-Ztg. 116: 188-190. July 1940. 99.8 AL3
- 27884 FALCON, O. J. Understanding insecticides. Amer. Rose Ann. 1945: 155-156. 81 Am31A
- 27885 \*FEYTAUD, J., and LAPPARENT, P. DE. Recherches sur poudres roténonées. IV. Lumière et soleil. Acad. d'Agr. de France. Compt. Rend. 27: 663-668. June 4/11, 1941. 14 P215Bc
- 27886 FEYTAUD, J., and LAPPARENT, P. DE. La situation actuelle du marché des insecticides. Acad. d'Agr. de France. Compt. Rend. 27: 243-250. Feb. 19/26, 1941. 14 P215Bc  
Observations by MM. Cassez and Hitier, p. 249-250.  
With view mainly towards control of Leptinotarsa decemlineata.
- 27887 GEMIGNANI, E. V. Amigos y enemigos. Chacra 15(179): 92-93. Sept. 1945. 9 C34
- 27888 \*GUILLAUME, A., and BÉGON, H. Les parasites et les maladies de l'ail: conservation des bulbes. Acad. d'Agr. de France. Compt. Rend. 28: 655-658. Dec. 9/23, 1942. 14 P215Bc  
*Hylemya antiqua* and *Acrolepia assectella* most harmful.
- 27889 HAFFER, A. B. D. D. T. is boon to forester in the South. J. Forestry 43: 679-680. Sept. 1945. 99.8 F768  
Used as repellent for biting insects.
- 27890 HAMBIDGE, G. Los nuevos exterminadores de insectos. Agrario 9(363): 5-6. (To be cont.) June 15, 1945. 9.3 Ag85  
Refers mainly to DDT.
- 27891 HAMMON, W. M., and REEVES, W. C. Recent advances in the epidemiology of the arthropod-borne virus encephalitides. Amer. J. Pub. Health 35: 994-1004. Oct. 1945. Ref. 449.9 Am3J
- 27892 HARRIS, L. E. D. D. T. in veterinary medicine. Norden News 19(5): 4-5, 8. Sept./Oct. 1945. 41.8 N75
- 27893 ILLINGWORTH, F. The battle against insect pests. Jamaica Agr. Soc. J. 49(1/3): 23-25. Jan./Mar. 1945. 8 J223  
Published in National Review, London, v. 123, No. 741. Nov. 1944.
- 27894 JARRETT, J. M. DDT and sanitation. N. C. State Bd. Health, Health B. 60(10): 11-12. Oct. 1945. 449.7 N81B  
Household and dairy pests.
- 27895 JOHNSON, G. R. Power dusting of feeder lambs to control ticks and lice. Sheepman 16: 193. Oct. 1945. 45.8 Sh32
- 27896 LACKEY, J. B., and STEINLE, M. L. Effects of DDT upon some aquatic organisms, other than insect larvae. Pub. Health Rpts. Sup. 186, p. 80-89. 1945. 151.65 P96S
- 27897 LEPAGE, H. S., and GIANNOTTI, O. Experiências preliminares de alguns inseticidas no controle de várias lagartas daninhas. Biológico 11: 182-186. July 1945. 442.8 B529  
Tests with DDT and Dinitro-ortho-cyclohexyl-phenol on vegetable pests.
- 27898 LINCOLN, C. Sanitary measures advised for effectiveness of DDT. Ark. Agr. Col. Ext. Serv. Rev. 28(10): 2. Oct. 1945. 275.29 Ar4C



- 27899 LYLE, C. Methods listed for the control of cattle grubs [*Hypoderma* spp.], lice. Miss. Farm Res. [Miss. Sta.] 8(9): 7. Sept. 1945. 100 M69M1
- 27900 LYLE, C. Uses of DDT on pests of farm, home. Miss. Farm Res. [Miss. Sta.] 8(9): 1, 8. Sept. 1945. 100 M69M1
- 27901 MCDANIEL, E. I. DDT - its possibilities as a garden insecticide. Mich. Hort. Soc. Hort. News 11: 110. Oct. 1945. 80 H7815
- 27902 MCDANIEL, E. I. Stem borers and twig girdlers affecting roses. Amer. Rose Ann. 1945: 151-154. 81 Am31A
- 27903 MILLER, L. W. Some common insecticides and their use. Tasmanian J. Agr. 16: 118-121. (To be cont.) Aug. 1, 1945. 23 T182T
- 27904 MOSSOP, M. C. Conservation and insect control. Rhodesia Agr. J. 42: 202-210. May/June 1945. Ref. 24 R34
- Insect control should be coordinated with soil conservation.
- 27905 MULLER, P. The simple story of my invention of DDT insecticides. Pests 13(10): 23. Oct. 1945. 449.8 Ex8
- 27906 ORR, L. W. The effects of DDT administered orally to cows, horses, and sheep. J. Econ. Ent. 38: 428-432. Aug. 1945. 421 J822
- 27907 PALMER, L. Household enemies on the home front. Nature Mag. 38: 417-424. Oct. 1945. 409.6 N214
- 27908 \*PETROSIAN, F. G. Vrediteli vinogradnoi lozy v Armenii [Pests of the grapevine in Armenia]. Vinodel. i Vinograd. SSSR 4(12): 30-34. Dec. 1944. 95.8 V77
- 27909 POTTS, S. F., and others. Atomized concentrated sprays containing DDT to control pea aphid [*Macrosiphum pisii*] and clover leaf weevil [*Hypera punctata*]. (Sci. note.) J. Econ. Ent. 38: 497. Aug. 1945. 421 J822
- T. E. Bronson, R. Latta, and F. W. Poos, joint authors.
- 27910 QUASTHOFF, C. Duste range with DDT. Florists' Rev. 97(2499): 39. Oct. 18, 1945. 80 W41
- 27911 RES. Bekämpfung und verhütung der nadelholz-insekten-grossschäden. Allg. Forst- u. Jagdztg. 116: 25-28. Jan. 1940. 99.8 AL3
- 27912 RICHARDSON, C. H., and WALKDEN, H. H.  $\beta$ -Methylallyl chloride as a fumigant for insects infesting stored corn. J. Econ. Ent. 38: 471-477. Aug. 1945. Ref. 421 J822
- 27913 RONEY, J. N. Tips and warnings on DDT. Ariz. Farmer 24(19): 30, 34. Oct. 6, 1945. 6 Ar44
- 27914 RUFFIN, W. A. The new insecticide DDT. Ala. Tuskegee Inst. Ext. Negro Farmer 6(9): 2, 4. Oct. 1945. 275.28 N31
- 27915 SANDERSON, E. V. D.D.T. Forest and Bird, No. 77, p. 6. Aug. 1945. 413.9 N42
- Cites dangers in indiscriminate use.
- 27916 SCOTT, L. B. Arsenical residues in straw and grain from wheat dusted by airplane or treated with poisoned bait. J. Econ. Ent. 38: 464-466. Aug. 1945. 421 J822
- 27917 SHAW, H., and MOORE, M. H. Mercurated lead arsenate. What is it? What does it do? Fruit Grower, Fruiterer, Florist & Market Gard. 100: 121-122, 143. (Concl.) Aug. 16, 23, 1945. 80 F941
- Combined fungicide and insecticide.
- 27918 SHEWELL-COOPER, W. E. Pests control in the vinery. Field 186: 222. Sept. 1, 1945. 10 F45
- 27919 SIMMONS, S. W. DDT investigations at the Henry R. Carter Memorial Laboratory. Pub. Health Rpts. Sup. 186, p. 1-2. 1945. 151.65 P96S
- 27920 SLOAN, W. J. S. The control of tomato pests. Queensland Agr. J. 61(1): 17-41. July 1, 1945. 23 Q33
- 27921 SMITH, J. H. Principles of biological control. Queensland Agr. J. 61: 87-88. Aug. 1945. 23 Q33
- 27922 \*SOHI, G. S. Insect pests of vegetables in the Punjab and their control. Punjab Fruit J. 8: 87-94. Oct. 1944. 80 P962
- 27923 STIERLI, H., SIMMONS, S. W., and TARZWELL, C. M. Operational procedures and equipment used in the practical application of DDT as a residual house spray. Pub. Health Rpts. Sup. 186, p. 49-65. 1945. 151.65 P96S
- 27924 TENHET, J. N. Laboratory tests of insecticides for tobacco moth [*Ephestia elutella*] and cigarette beetle [*Lasioderma serricorne*]. J. Econ. Ent. 38: 449-451. Aug. 1945. 421 J822
- 27925 THIRD progress report of the cooperative project between the Bureau of Entomology and Plant Quarantine, U. S. Department of Agriculture and the National Pest Control Association on DDT. Pests 13(10): 10, 12. Oct. 1945. 449.8 Ex8
- 27926 TOLEDO, A. A. DE. Emulsões compatíveis com os inseticidas de ingestão. Biológico 11: 177-181. July 1945. 442.8 B529
- 27927 TURNER, D. B. D. D. T. kills birds. Cornell Plantations 1: 57. Summer 1945. 409.6 C812
- 27928 V-I DAY is here; insects are surrendering on a wide front - to the new weapon, DDT. Civilians can now learn to use this war-developed insecticide. Consum. Guide 11(10): 3-5. Oct. 1945. 1.94 Ad422C
- 27929 \*VAYSSIÈRE, P. Sur les parasites animaux observés dans les stocks de denrées emmagasinées. Acad. d'Agr. de France. Compt. Rend. 27: 932-936. Oct. 15/22, 1941. 14 P215Bc
- 27930 WACHS, N. Covering peaches with paperbags (In Hebrew.) Hassadeh 25: 427-428. July 1945. 26 H27
- For insect control.
- 27931 WESTERN COOPERATIVE SPRAY PROJECT. YAKIMA, WASHINGTON. Outline, 1945, 9 p. 423.9 W522
- 27932 WHITE, C. M. Public health uses of DDT. N. C. State Bd. Health, Health B. 60(10): 4-9. Oct. 1945. 449.7 N81B
- 27933 WILSON, G. F. Insect pests of Cotoneaster horizontalis. Roy. Hort. Soc. J. 70: 271-275. Sept 1945. Ref. 84 L84J

## APICULTURE AND APIS MELLIFERA

- 27934 \*ALPATOV, V. V. O partenogeneticheski voznikavshchikh zhenskikh osobiyakh u nekotorykh porod medonosnoi pchely (Parthenogenetic females among certain races of the honey bee.) Uspekhi Sovremennoi Biol. 19: 281-282. 1945. 442.8 Er3
- 27935 \*BALDIT, J. Moeurs et gouvernement des abeilles. Abeille Bourguign. 57: 296-298. Mar. 1941. 424.8 Ab33
- 27936 BEN-YISHAI, D. Short recollections of bee-keeping. (In Hebrew.) Hassadeh 25: 385. July 1945. 26 H27
- 27937 BERGMANN, S. T. Can we breed bees? West. Canada Beekeeper 8(10): 7, 12. Oct. 1945. 424.8 W525
- 27938 BICHSEL, G. Nochmals das Frow'sche mittel. Schweiz. Bienen-Ztg. 68: 419-421. Oct. 1945. 424.8 Sch9
- R. Frow treatment to control Acarapis woodi.
- 27939 BILHA, A. Bee-keeping topics. (In Hebrew.) Hassadeh 25: 450-451. July 1945. 26 H27
- 27940 BLUM, J. R. Honey production at the close of the present war. (In Hebrew.) Hassadeh 25: 447-450. July 1945. 26 H27
- 27941 BUTLER, C. G. Bee-keeping. Gt. Brit. Min. Agr. and Fisheries. B. 9, ed. 7, 27 p. London, 1945. 10 G794B



27942 CARTER, G. A. Evaporation of methyl salicylate. *Bee Craft* 27: 71-72. Sept. 1945.  
424.8 B3925

In the control of *Acarapis woodi*.

27943 THE CEMENT hive has arrived - the bees like it. By Gubeshe. *Farmer [Pietermaritzburg]* 34(36): 12. Sept. 7, 1945. 24 F227

27944 CENDON, J. E. Apicultura; el ahumador y el humo. *Esnea* 31(1351): 6. Aug. 24, 1945.  
44.8 Ee5

27945 CROCKETT, W. A. Toads in the apiary. *Beekeepers Item* 29: 356. Oct. 1945. 424.8 B397

27946 EDDY, B. Presenting - bees and a bee tree. *N. Y. Zool. Soc. B.* 48: 141-145. Sept./Oct. 1945. 410.9 N483B

Bee tree showing colony activities on exhibit at New York zoo.

27947 EVANS, M. B. There the bee sucks - by direction. *West. Canada Beekeeper* 8(10): 15. Oct. 1945. 424.8 W525

Bees may be guided to visit particular nectar source.

27948 FEY, J. Grosse schweizerische imkertagung im Toggenburg; bericht über die 67. Wanderversammlung der Vereins Deutsch-Schweizerischer Bienenfreunde in Wattwil, 8./9. September 1945. *Schweiz. Bienen-Ztg.* 68: 391-395. Oct. 1945. 424.8 Sch9

27949 FRISCH, K. VON. Bienen tanzen zum nutzen der imkerei und landwirtschaft. *Deut. Agrarpolitik* 2: 247-248. May 1944. 281.8 D48

Communication within the hive.

27950 GRANT, R. M. W. Candy making. *Scot. Beekeeper* 21: 117-118. Sept. 1945. 424.8 Sco8

Method of making candy as a bee food.

27951 GYGLI, K. Beobachtungen am flugloch; antwort auf eine frage. *Schweiz. Bienen-Ztg.* 68: 355-357. Sept. 1945. 424.8 Sch9

27952 HÄSLER, H. Missjahr und rassenzucht. *Schweiz. Bienen-Ztg.* 68: 354-355. Sept. 1945.  
424.8 Sch9

27953 HAYDAK, M. H. Value of pollen substitutes for brood rearing of honeybees [*Apis mellifera*]. *J. Econ. Ent.* 38: 484-487. Aug. 1945. 421 J822

27954 HUNKELER, M. Kurs für kantonstierärzte über die bekämpfung von bienenkrankheiten. *Schweiz. Bienen-Ztg.* 68: 429. Oct. 1945. 424.8 Sch9

27955 JOHNSON, E. A. Try a top entrance rack. *Beekeepers Mag.* 8(3): 9-10. Oct. 1945. 424.8 M58

27956 LEHMANN, A. Schweizerische wege in der bienenzucht. *Schweiz. Bienen-Ztg.* 68: 404-417. Oct. 1945. 424.8 Sch9

27957 LILLIE, A. R. Food consumption in winter; some old experiments. *Scot. Beekeeper* 21: 120. Sept. 1945. 424.8 Sco8

27958 MEIERHOFER, E. Delegiertenversammlung des VDSB vom 9. September 1945 im Volkshaus Wattwil. *Schweiz. Bienen-Ztg.* 68: 396-401. Oct. 1945.  
424.8 Sch9

Verein Deutsch-Schweizerischer Bienenfreunde.

27959 MORGENTHAUER, O. Die neue situation in der milbenbekämpfung [*Acarapis woodi*]. *Schweiz. Bienen-Ztg.* 68: 417-419. Oct. 1945. 424.8 Sch9

27960 MRAZ, C. Sulfa and A. F. B. *Beekeepers Item* 29: 352. Oct. 1945. 424.8 B397

Sulfathiazole used to treat American foulbrood colonies.

27961 OPHEL, A. E. The island of forgotten bees. *Canad. Bee J.* 53: 173-175. Oct. 1945. 424.8 C16

*Apis ligustica* on Kangaroo Island, Australia.

27962 ORR, L. E. Defending the use of DDT. *Beekeepers Item* 29: 333-334. Oct. 1945. 424.8 B397

27963 \*PAILLOT, A. Sur la loque européenne ou loque bénigne du couvain d'abeilles. *Acad. d'Agr. de France. Compt. Rend.* 28: 654. Dec. 9/23, 1942.  
14 P215

27964 SCHNEIDER, H. Bienenumzug auf 100 km distanz und einwinterung. *Schweiz. Bienen-Ztg.* 68: 427-428. Oct. 1945. 424.8 Sch9

27965 SCHUMACHER, A., and HUNKELER, M. Zwei Rosenberg-Konferenzen. *Schweiz. Bienen-Ztg.* 68: 358-362. Sept. 1945. 424.8 Sch9

Contents: 1. Sitzung der Kommission für Rassenzucht, by A. Schumacher; 2. Konferenz der Bieneninspektoren, by M. Hunkeler.

27966 SMARAGDOVA, N. P. Rol' tsvetochnoi pyl'tsy i ee zamenitelei v ekonomike pchelinoi sam'i (The role of pollen and its substitutes in the economy of the bee colony). *Uspekhi Sovremennoi Biol.* 19: 400-403. 1945. 424.8 Er3

27967 \*TARNAWSKI. Influence des abeilles sur les fruits. *Abeille Bourguign.* 57: 299-300. Mar. 1941. 424.8 Ab33

*Apis mellifera* as pollinator.

27968 TIPPETT, R. J. The education of bee-keepers. *Bee World* 26: 74-75. Oct. 1945. 424.8 B399

27969 U. S. DEPT. OF AGRICULTURE. Develops bees resistant to American foulbrood. *Beekeepers Mag.* 8(3): 27. Oct. 1945. 424.8 M58

27970 WEDMORE, E. B. Nectar flow. *Scot. Beekeeper* 21: 115. Sept. 1945. 424.8 Sco8

27971 WHITEHEAD, S. B. Spring spraying that spares the bees. *Gard. Chron.* 118: 130. Sept. 22, 1945. 80 G162

27972 WINIGER, J. Dekoration und spruchweisheit am bienenhaus. *Schweiz. Bienen-Ztg.* 68: 368-370. Sept. 1945. 424.8 Sch9

27973 WRIGHT, P. H. Beginners' luck with bees; starting from scratch a newcomer to beekeeping finds he has much to learn. *Family Herald and Weekly Star* 76(41): 5. Oct. 10, 1945. 7 F21

27974 WRIGHT, P. H. Recent experiments with sulfathiazole to control American foulbrood. *West. Canada Beekeeper* 8(10): 3-4. Oct. 1945. 424.8 W525

#### Colony Management

27975 BARTH, W. A glimpse into New York. *Beekeepers Mag.* 8(2): 12-14. Sept. 1945. 424.8 M58

Beekeeping operations of L. C. Keet.

27976 \*BARTH, W. Observations of an apprentice. *Beekeepers Mag.* 8(3): 26-27. Oct. 1945. 424.8 M58

System of swarm control.

27977 \*COLLEVILLE, R. Essaimage artificiel des ruches a cadres. *Abeille Bourguign.* 57: 314-316. May 1941. 424.8 Ab33

27978 \*DESLANDES, A. Au rucher. *Abeille Bourguign.* 57: 305-309. May 1941. 424.8 Ab33

Colony management in the spring.

27979 FLOYD, E. Wintering the bees. *West. Canada Beekeeper* 8(10): 10-11. Oct. 1945.  
424.8 W525

27980 GAMBLE, R. Stocks weak? Better unite them. *Smallholder* 73(1852): 18. Sept. 14, 1945.  
10 Sml

27981 MERZ, W. Wo setzen sich schwärme mit vorliebe an? *Schweiz. Bienen-Ztg.* 68: 425-426. Oct. 1945. 424.8 Sch9

27982 MOORE, W. E. The wintering of weak colonies and nuclei. *Scot. Beekeeper* 21: 120. Sept. 1945. 424.8 Sco8

27983 MÜLLER, F. Wabenbau und überwinterung. *Schweiz. Bienen-Ztg.* 68: 422-424. Oct. 1945.  
424.8 Sch9

27984 NEWELL, R. E. Do your bees swarm? *Beekeepers Mag.* 8(2): 26-27. Sept. 1945. 424.8 M58

27985 NEWELL, R. E. Uniting small colonies for winter. *Beekeepers Item* 29: 332-333. Oct. 1945.  
424.8 B397

27986 ON RAIL: [bees] in packages for safety first. By Gubeshe. *Farmer [Pietermaritzburg]* 34(35): 10. Aug. 31, 1945. 24 F227



27987. STARNES, H. T. Aid the small operator; making increase, re-queening and selective breeding. *Beekkeepers Mag.* 8(2): 9-11. Sept. 1945. 424.8 M58
- 27988 WIRTH, E. D. Preparing bees for winter. *Rural New-Yorker* 104: 466. Oct. 20, 1945. 6 R88
- 27989 WRIGHT, P. H. Making increase under northern conditions. *West. Canada Beekeeper* 8(10): 6, 12. Oct. 1945. 424.8 W525

See also Honey and Beeswax in Agricultural Products section.

#### ARACHNIDA, MYRIAPODA, ETC.

- 27990 EGER, M. Turkish garden. *Field* 186: 269. Sept. 15, 1945. 10 F45
- Blue color in isopods (*Cylisticus convexus*, etc.) due to infectious disease.
- 27991 CHAMBERLIN, R. V. Occurrence of a European centipede, *Cryptops hortensis*, in Utah. *Ent. News* 56: 199. Oct. 1945. 421 En88
- 27992 CHAMBERLIN, R. V. On three lithobioid chilopods. *Ent. News* 56: 197-199. Oct. 1945. 421 En88
- Includes new spp. and forms in: *Physobius* n. g.; *Tidabius*; and *Mayobius*.
- 27993 \*CHUMAKOV, M. P., PETROVA, S. P., and SONDAK, V. A. Izuchenie ul'travirusnykh entsefalitov. Soobshchenie VII. Iskustvennaya adaptatsiya virusov kleshchevogo i japonskogo entsefalita k razlichnym vidam kleshchei i semeistva Ixodidae [The study of ultravirus encephalitides. Communication VII. The artificial adaptation of viruses of tick and Japanese encephalitis to various kinds of ticks of the family Ixodidae]. *Med. Parazitol. i Parazit. Bolezni* 14: 18-24. 1945. 448.8 M469
- 27994 DENIS, J. Araignées de l'île d'Yeu. *Soc. Zool. de France. B.* 66: 154-164. Oct. 10, 1941. 410.9 P214B
- 27995 GOODNIGHT, C. J., and GOODNIGHT, M. L. Phalangida from the United States. *N. Y. Ent. Soc. J.* 53: 239-245. Sept. 1945. 420 N48J
- Includes: *Nemastoma pallidimaculosa* n. sp.; *Taracus malkini* n. sp.; *Leiobunum gordonii* n. sp.
- 27996 GRANDJEAN, F. La chaetotaxie comparée des pattes chez les oribates [Oribatidae] (1<sup>re</sup> série). *Soc. Zool. de France. B.* 66: 33-50. May 12, 1941. 410.9 P214B
- 27997 HEADSTROM, R. Spiders that do not spin. *Horticulture* 23: 438-439. Oct. 1, 1945. 80 H787
- Wolf, jumping, and crab spiders.
- 27998 HOFF, C. C. Notes on three pseudoscorpions from Illinois. *Ill. State Acad. Sci. Trans.* 37: 123-128. 1944. 500 IL6
- Chelifer cancrivorus*, *Apochthonius moestus*, *Microbisium brunneum*.
- 27999 HOFF, C. C. The pseudoscorpion subfamily Olpiinae. *Amer. Mus. Nat. Hist. Amer. Mus. Novitates* 1291, 30 p. July 19, 1945. 500 N483N
- Includes n. spp. and forms in: *Pachyolpium* 4; *Neopachyolpium* n. g.; *Indolpium* n. g.; *Novohorus* 2.
- 28000 HOFF, C. C. Two new pseudoscorpions of the genus *Dolichowithius*. *Amer. Mus. Nat. Hist. Amer. Mus. Novitates* 1300, 7 p. Oct. 18, 1945. 500 N483N
- D. solitarius*, *D. granulatus*.
- 28001 KASTON, B. J. New Microphyantidae and Dictynidae with notes on other spiders. *Amer. Mus. Nat. Hist. Amer. Mus. Novitates* 1292, 14 p. July 19, 1945. Ref. 500 N483N
- Includes new spp. in: *Dictyna* 2, *Cornicularia*, *Ceraticelus*, and *Pelecopsis*.
- 28002 KASTON, B. J. New spiders in the group *Dionycha* with notes on other species. *Amer. Mus. Nat. Hist. Amer. Mus. Novitates* 1290, 25 p. July 19, 1945. 500 N483N
- Includes new spp. in: *Zelotes*, *Sergiolus*, *Clubiona*, *Castianeira*, *Paraphidippus*, *Phidippus*, *Gertschia* n. g.

- 28003 KEIFER, H. H. Eriophyid studies XV. *Calif. Dept. Agr. B.* 34: 137-140. July/Sept. 1945. 2 C12M

Includes *Aceria camelliae*, *A. baccharices*, n. spp.

- 28004 \*KHATIN, M. G. Terapiya chesotki tirosul'fatom natriya (giposul'fitom i bisul'fatom natriya) [The therapy of scabies with sodium thiosulfate (with sodium hyposulfite and sodium bisulfate)]. *Med. Parazitol. i Parazit. Bolezni* 14: 27-30. 1945. 448.8 M469

- 28005 MELLO-LEITAO, C. DE. Considerações sobre o genero *Eusarcus* Perty e descrição de quatro novos laníatoros. *Acad. Bras. de Cien. An.* 17: 149-162. June 30, 1945. Ref. 516 R473A

New spp. in: *Exlinea*; *Eusarcus*; *Carampangue*; *Balzabamba* n. g.

- 28006 PAULIAN DE FÉLICE, L. Oniscoides [Oniscoides] de la côte occidentale d'Afrique. II-III. *Soc. Zool. de France. B.* 65: 144-152; 66: 50-56. Mar. 20, May 12, 1941. Ref. 410.9 P214B

Contents: II. Tylidae, Ligiidae, Armadillidiidae, p. 144-152; III. Eubelidae, p. 50-56.

Includes n. spp. in: *Synarmadillo* 2; *Microcercus* 2; *Diploexochus*; *Ethelium*; *Fakoanum* n. g.

- 28007 PHILIP, C. B., and KOHLS, G. M. Studies on tsutsugamushi disease (scrub typhus, mite-borne typhus) in New Guinea and adjacent islands; tsutsugamushi disease with high endemicity on a small South Sea island. *Amer. J. Hyg.* 42: 195-203. Sept. 1945. 449.8 Am3

Natural infection found in *Trombicula deliensis*.

- 28008 \*POSFELOVA-SHTROM, M. V. O nekotorykh gruppirovkakh vnutri roda *Haemaphysalis* C. L. Koch i ikh taksonomicheskom znachenii (On certain groupings within the genus *Haemaphysalis* C. L. Koch and their taxonomic significance). *Med. Parazitol. i Parazit. Bolezni* 14: 12-18. 1945. 448.8 M469

- 28009 POZO, E. C. DEL, GONZÁLEZ Q., J., and MENDOZA, T. H. Acciones del veneno de alacran [Centruroides spp.] sobre el aparato respiratorio. *Mex. Inst. de Salubridad y Enferm. Trop. Rev.* 6: 77-84. June 1945. 449.9 M572

- 28010 PROENÇA, M. C., and MOUSSATCHÉ, I. Nota sobre a sarna notoédrica [Notoedres cumiculi, em coabaio]. *Rev. Bras. de Biol.* 5: 299-302. July 1945. 442.8 R326

- 28011 SCHUBART, O. Alguns diplópodos novos do Ceará colecionados por Alcides L. Gomes. *Rev. Bras. de Biol.* 5: 275-281. July 1945. 442.8 R326

English summary.

*Cearodesmus gomesi* n. g., n. sp.; *Alloporus maranguapensis* n. sp.; *Cearostreptus triangulatus* n. g., n. sp.

- 28012 SERFATY, A. Pouvoir catalasique des organes du scorpion. *Paris. Soc. de Biol. Compt. Rend.* 135: 550-552. Apr. 1941. 442.9 P21

Experiments mainly on *Buthus australis* and *Heterometrus maurus*.

- 28013 SERFATY, A. Teneur en flavine chez les scorpions. *Paris. Soc. de Biol. Compt. Rend.* 135: 712-714. May 1941. 442.9 P21

Experiments on *Buthus australis*.

- 28014 SERFATY, A. Variation de l'activité catalasique, au cours de la digestion, chez les scorpions adultes. *Paris. Soc. de Biol. Compt. Rend.* 135: 653-654. May 1941. 442.9 P21

Experiments on *Buthus australis*.

- 28015 SMITHERS, R. H. N. The Hersiliidae (Araneae) of South Africa. *Roy. Soc. So. Africa, Cape Town, Trans.* 31(1): 1-18. 1945. 515 So8A

Includes n. spp.: *Tama arida*; *T. obscura*; *T. bicava*.

- 28016 SQUIBB, R. L. New method for control of cattle ticks in tropic regions. *Coastal Cattleman* 11(8): 23-24. Oct. 1945. 43.8 C63

*Boophilus annulatus* and *B. annulatus microplus*.

- 28017 STAHNKE, H. L. Scorpions of the genus *Hadrurus* Thorell. *Amer. Mus. Nat. Hist. Amer. Mus. Novitates* 1298, 9 p. Sept. 28, 1945. 500 N483N



28018-28050

28018 THEILER, G. Ticks in the South African Zoological Survey Collection. Part III-V. Onderstepoort J. Vet. Sci. and Anim. Indus. 20: 165-207. Apr. 1945. 41.8 Onl

Contents: Pt. III. The ornate aponommas, p. 165-178; Pt. IV. The inornate aponommas, p. 179-190; Pt. V. Three African haemaphysalids [*Haemaphysalis* spp.] parasitic on domestic stock, p. 191-207.

28019 \*VACHON, M. Remarques sur la phorésie des pseudoscorpions [Chelonethidae]. Soc. Ent. de France. Ann. 109: 1-18. Mar. 15, 1941. Ref. 420 F84

28020 VACHON, M. Voyage en A. O. F. de L. Berland et J. Millot. Scorpions. V. Soc. Zool. de France. B. 65: 170-184. Mar. 20, 1941. 410.9 P214B

28021 VANDEL, A. Les isopodes terrestres des Albères. Soc. Zool. de France. B. 66: 213-227. Oct. 10, 1941. Ref. 410.9 P214B

28022 WISSEMAN, C. L., JR. Relapsing fever in Denton County, Texas; report on finding the tick, *Ornithodoros* [i. e. *Ornithodoros*] turicata, naturally infected. Amer. J. Trop. Med. 25: 339-342. July 1945. Ref. 448.8 Am33

## COLEOPTERA

28023 ARMITAGE, H. M., and STEINWEDEN, J. B. The fumigation of California dates with methyl bromide. Calif. Dept. Agr. B. 34: 101-107. July/Sept. 1945. 2 G12M

With special reference to *Carpophilus hemipterus*.

28024 \*BERTOLA, M. La lutte contre le doryphore [*Leptinotarsa decemlineata*] greffage de la pomme de terre. Acad. d'Agr. de France. Compt. Rend. 27: 875-878. Oct. 8, 1941. 14 P215Bc

28025 BLAKE, D. H. Six new species of beetles of a eumolpid genus [*Aletharius*] new to the West Indies. Wash. Acad. Sci. J. 35: 323-327. Oct. 15, 1945. 500 W276J

28026 \*BOCZKOWSKA, and CHARROT. Remarques sur l'écologie du doryphore [*Leptinotarsa decemlineata*] à Saint-Genis-Laval (Rhône) en 1942. Acad. d'Agr. de France. Compt. Rend. 30: 251-254. May 10/17, 1944. 14 P215Bc

28027 BOLL weevil's [*Anthonomus grandis*] birth; Nation's No. 1 insect pest hatches overnight from pupa into adult. Life 19(18): 82-84. Oct. 29, 1945. 280.8 L62

28028 CHENG, T. H. Field tests of the thunder god vine against melon leaf beetle [*Rhaphidopalpa chinensis*]. (Sci. note.) J. Econ. Ent. 38: 491-492. Aug. 1945. 421 J822

28029 CHISEHOLM, R. D., and KOBLITSKY, L. Variation in composition and volatility of Japanese beetle [*Popillia japonica*] attractants during evaporation. J. Econ. Ent. 38: 467-470. Aug. 1945. 421 J822

28030 COOMAN, A. DE. Remarques sur quelques histérides. Rev. Franç. d'Ent. 7(1): 30-32. 1940. 421 R323

Includes *Aelestes* (*Abaeletes*) n. sgen.; *A. perroti* n. sp.

28031 DELÈVE, J. Récoltes de R. Paulian et A. Villiers dans le Haut Atlas marocain, 1938. (Douzième note) Coleoptera Dryopidae. Rev. Franç. d'Ent. 7(1): 41-46. 1940. 421 R323

Includes n. spp.: *Dryops villiersi*; *D. pauliani*.

28032 DONISTHORPE, H. *Ludius ferrugineus*, L., ab. *occitanicus*, Villiers (Col. Elateridae), an aberration new to the British list. Ent. Rec. and J. Variation 57: 97. Sept. 15, 1945. 421 En89

28033 DUMBLETON, L. J. Bacterial and nematode parasites of soil insects. New Zeal. J. Sci. and Technol. Sect. A, Agr. 27(1): 76-81. June 1945. 514 N48A

Use of *Bacillus popilliae* and *Neoaplectana glaseri* in control of *Odontria zealandica* and *Oxycaenus cervinata*.

28034 \*FEYTAUD, J., and LAPPARENT, P. DE. A propos d'une formule alcaline préconisée pour détruire le doryphore [*Leptinotarsa decemlineata*]. Acad. d'Agr. de France. Compt. Rend. 28: 229-231. Feb. 4/11, 1942. 14 P215Bc

Sodium carbonate and ammonium carbonate.

28035 \*FLEUTIAUX, E. Les élatérides [Elateridae] de l'Indo-Chine française. Huitième et dernière partie. Soc. Ent. de France. Ann. 109: 19-40. (Concl.) Mar. 15, 1941. 420 F84

Includes n. spp. in: *Ctenoplus*; *Sileis* 4; *Glyphonix* 17; *Parhemioips*; *Toxognathus*.

28036 FLEUTIAUX, E. Elatérides nouveaux de l'Indochine française. Soc. Zool. de France. B. 65: 184-198. Mar. 20, 1941. 410.9 P214B

Includes 28 n. spp. and 1 n. g.

28037 \*GRISON, P., and DELOUSTAL, J. Caractères écologiques de l'évolution du doryphore [*Leptinotarsa decemlineata*] en Bretagne 1942. Acad. d'Agr. de France. Compt. Rend. 29: 111-114. Feb. 3/10, 1943. 14 P215Bc

28038 GUNN, D. L., and KNIGHT, R. H. The biology and behaviour of *Ptinus tectus* Boie. (Coleoptera, Ptinidae), a pest of stored products. VI. Culture conditions. J. Expt. Biol. 21: 132-143. Aug. 1945. Ref. 442.8 B77

28039 IABLOKOV, A. Note sur l'*Isorrhhipis marmotani* Bonvouloir (Col. Serricornia). Rev. Franç. d'Ent. 7(1): 33. 1940. 421 R323

28040 IABLOKOV, A. Notes sur l'*Hendecatomois reticulatus* Herbst (Col. Bostrychidae). Rev. Franç. d'Ent. 7(1): 34-35. 1940. 421 R323

28041 \*JUFFA, E. Dickmaulrüssler, *Otiorhynchus* sp.? an cyclamen. Blumen- u. Pflanzenbau ver. mit Gartenwelt 48: 152. June 23, 1944. 80 G196

28042 LAFON, M. Sur l'élytre de quelques coléoptères (contribution à l'étude chimique du tégument des insectes). Soc. Zool. de France. B. 66: 173-182. Oct. 10, 1941. 410.9 P214B

28043 LASSETTER, W. C. Boll weevil [*Anthonomus grandis*], may drop into the fire. Prog. Farmer, Miss.-Ark.-La. Ed. 60(9): 5. Sept. 1945. 6 So81

Refers to use of flame cultivator.

28044 LESNE, P. Sur les genres *Xylogenes* et *Xylomedes* (Col. Bostrychidae). Soc. Ent. de France. Ann. 109: 131-136. Mar. 15, 1941. 420 F84

Includes n. spp.: *Xylogenes granulicauda* and *Xylomedes turcica*.

28045 \*LESNE, P. Sur quelques bostrychides indiens. Soc. Ent. de France. Ann. 109: 137-152. Mar. 15, 1941. 420 F84

Includes n. spp. in: *Dinoderus* 2; *Xylophorus*; *Psicula* n. g.; *Paraxylion* n. g.

28046 MACANDREWS, A. H. A new host for the acorn weevil, *Curculio rectus* Say (*Balaninus* Germ.). Amer. Rose Ann. 1945: 167. 81 Am31A

Discussed as rose pest.

28047 MAYNE, R., and BRENLY, R. Prédateurs et parasites du doryphore [*Leptinotarsa decemlineata*]. Inst. Agron. et des Stas. de Rech. de Gembloux. B. 9(1/4): 61-80. 1940. Ref. 105.1 G285

Summaries in Dutch, German, and English.

28048 MERKER, E., and KLEIN, F. Der Kiefenbastkäfer [*Dendroctonus micans*] an der sitkafichte. Allg. Forst- u. Jagd-Ztg. 116: 255-261. Oct. 1940. Ref. 99.8 AL3

28049 MEURICE, R. Note sur la persistance de l'arsenic après traitement des pommes de terre à l'arséniate de plomb. Inst. Agron. et des Stas. de Rech. de Gembloux. B. 10(1/4): 84-85. 1941. 105.1 G285

Control of *Leptinotarsa decemlineata*.

28050 \*MONCHAUX, D. DE. Le doryphore [*Leptinotarsa decemlineata*] en Loir-et-Cher. Acad. d'Agr. de France. Compt. Rend. 29: 110. Feb. 3/10, 1943. 14 P215Bc



- 28051 NETTLES, W. C. Fight the boll weevil [*Anthonomus grandis*] in the fall. South. Agr. 75 (10): 17. Oct. 1945. 6 So83
- 28052 PETHERIDGE, F. D.D.T. for apple weevil [*Anthonomus pomorum*]. Farmers Weekly [London] 23(12): 14. Sept. 21, 1945. 10 P2226
- 28053 \*RAUCOURT, M., and TROUVELOT, B. La lutte contre le doryphore [*Leptinotarsa decemlineata*]: son importance dans la production de la pomme de terre. Acad. d'Agr. de France. Compt. Rend. 26: 853-856. Nov. 13/20, 1940. 14 P215Bc
- 28054 REMY, P. Sur le mode de vie des *Hadesia* dans la grotte Vjetrenica (Col. Bathysciinae). Rev. Franç. d'Ent. 7(1): 1-8. 1940. Ref. 421 R323  
Refers mainly to *Hadesia vasiceki*.
- 28055 RICHARDSON, C. H. Fumigants for the candle [*Tenebroides mauritanicus*] in shelled corn. J. Econ. Ent. 38: 478-481. Aug. 1945. Ref. 421 J822
- 28056 RODRIGUEZ LZ., L. Una plaga [Paramailocera ilinizae] de los eucaliptos. Ecuador. U. Cent. Inst. Bot. B. 3(5): 117-122. June 1945. 451 Ec9
- 28057 SNAPP, O. I. Further experiments with dichloroethyl ether for plum curculio [*Conotrachelus nenuphar*] control. J. Econ. Ent. 38: 417-422. Aug. 1945. 421 J822
- 28058 SWAIN, R. B. The association of nematodes of the genus *Diplogaster* with white-fringed beetles [*Pantomorus* spp.]. J. Econ. Ent. 38: 488-490. Aug. 1945. 421 J822
- 28059 TREHAN, K. N., and RAJARAO, S. A. A note on the predatory habit of *Tribolium* beetles. Cur. Sci. 14: 209-210. Aug. 1945. 475 Sci23  
*Tribolium* beetles predators of eggs of *Corcyra cephalonica*.
- DIPTERA
- 28060 ABBOTT, C. E. The mechanism of oviposition in *Phaenicia* (*Lucilia*) *sericata* Meig. (Diptera). N. Y. Ent. Soc. J. 53: 227-230. Sept. 1945. 420 N48J
- 28061 ALEXANDER, C. P. New or little-known Tipulidae (Diptera).--LXXIII. Neotropical species. Ann. and Mag. Nat. Hist. (ser. 11) 12: 234-264. Sept. 18, 1945. 410 An77  
New spp. in *Tipula* 5; *Teucholabis* 2; *Gonomyia* 4; *Neognophomyia* 2; *Erioptera* 2; *Styringomyia* 2.
- 28062 BAKER, E. T. Flies held grand lodge in Idaho calf barn until it was sprayed with DDT. Oreg. Farmer 68: 546. Oct. 18, 1945. 60r32
- 28063 BALOCK, J. W., and STARR, D. F. Adsorption of methyl bromide and its residual effect on fruitfly [*Anastrepha ludens*] mortality. J. Econ. Ent. 38: 481-483. Aug. 1945. 421 J822
- 28064 BARNES, S. The toxicity of distempers containing DDT. Oil & Colour Chem. Assoc. J. 28: 181-184. Sept. 1945. 306.9 O15  
Effect on *Musca domestica* and *Cimex lectularius*.
- 28065 BELSCHNER, H. G. The southward spread of the buffalo fly (*Lyperosia exigua*) and control methods adopted in Queensland. Austral. Vet. J. 21: 56-60. June 1945. 41.8 Au72
- 28066 BLAXTER, K. L. Cowshed flies; experiments with D.D.T. New Zeal. Farmer Weekly 66(13): 23. Aug. 23, 1945. 23 N484
- 28067 BLOSS, J. F. E. The Meridi outbreak of sleeping sickness. Roy. Soc. Trop. Med. and Hyg. Trans. 39: 59-76. Sept. 1945. 448.9 R813  
Includes control of *Glossina palpalis*.
- 28068 \*BOIS, E. J. Les bibions [*Bibio* spp.] (mouches de la St-Jean). Rev. Hort. Suisse 18: 61. Mar. 1945. 80 R3212  
Includes description of *B. hortulanus*.
- 28069 BROOKS, A. R. A revision of the North American species of the *Phasia* complex (Diptera, Tachinidae). Sci. Agr. 25: 647-679. July 1945. Ref. 7 Sci2  
Includes new spp. and forms in: *Paraphasia* 2; *Paraphoranthia* 2; *Alophoropsis* 2; *Alophorella*; *Alophorellopsis*; *Hyalomyiopsis* n. g.
- 28070 CHEVAIS, S. Action simultanée de deux gènes différents sur le déterminisme de la taille de l'oeil de la drosophile [*Drosophila*]. Paris. Soc. de Biol. Compt. Rend. 138: 236-237. Apr. 1944. 442.9 P21
- 28071 FLENTJE, M. Elimination of midge fly larvae [*Tendipedidae*] with DDT. Amer. Waterworks Assoc. J. 37: 1053. Oct. 1945. 292.9 Am32J
- 28072 FOX, H. M. The oxygen affinities of certain invertebrate haemoglobins. J. Expt. Biol. 21: 161-165. Aug. 1945. Ref. 442.8 B77  
Includes *Tendipes* spp.
- 28073 GOLDSCHMIDT, R. B. A note on the action of the bar series in *Drosophila*. Growth 9: 259-264. Sept. 1945. Ref. 442.8 G91
- 28074 GRIOT, M. Las moscas de la fruta. Pampa Argentina 19(217): 4-5. (To be cont.) Sept. 1945. 9 P19  
Refers to *Anastrepha fraterculus* and *Ceratitis capitata*.
- 28075 HULL, F. M. New Syrphid flies. Ent. News 56: 210-217. Oct. 1945. 421 En88  
New spp. and forms in: *Eristalis* 2; *Dideopsis*; *Chrysogaster*; *Salpingogaster*.
- 28076 HUNT, A. R., and BLOSS, J. F. E. Taetse fly [*Glossina palpalis*] control and sleeping sickness in the Sudan. Roy. Soc. Trop. Med. and Hyg. Trans. 39: 43-58. Sept. 1945. Ref. 448.9 R813
- 28077 IKAWA, M., and others. The principal alkaloids of *sabadilla* seed and their toxicity to *Musca domestica* L. J. Biol. Chem. 159: 517-524. July 1945. Ref. 381 J824  
R. J. Dicke, T. C. Allen, and K. P. Link, joint authors.
- 28078 JONES, D. P. Gall midges [*Cecidomyiidae*] and grass seed production. Gt. Brit. Min. Agr. Agriculture 52: 248-251. Sept. 1945. 10 G79J
- 28079 KOZMA, A. B. Eliminating filter fly [*Psychoda*] troubles. Sewage Works Engin. 16: 438. Sept. 1945. 449.8 M92
- 28080 LAFON, M. Étude expérimentale de l'inanition chez *Phormia regina* Meigen. Paris. Soc. de Biol. Compt. Rend. 135: 193-197. Feb. 1941. 442.9 P21
- 28081 LEGG, J. Buffalo fly [*Lyperosia exigua*]. Fly movements and measures of control. Austral. Vet. J. 21: 60-64. June 1945. 41.8 Au72
- 28082 LEONT'EV, I. F. Anemotaksis u drozofily [*Anemotaxis* of *Irosophila*]. Priroda 33(5/6): 118. 1944. 410 P933
- 28083 LOPES, H. DE S. Sobre um novo gênero de "Sarcophagidae" de Surinam (Diptera). Rev. Bras. de Biol. 5: 295-298. July 1945. 442.8 R326  
English summary.  
*Geijskesia brevigaster* n. g. n. sp.
- 28084 MCE, J. W. G. The blackfly [*Simulium arcticum*] attacks. Canad. Cattlemen 8: 103, 106. Sept. 1945. 49 C16
- 28085 MATTHYSSE, J. G. Grub [*Hypoderma* spp.] control on dairy cattle in the Northeast. J. Econ. Ent. 38: 442-446. Aug. 1945. 421 J822
- 28086 MATTHYSSE, J. G. Observations on housefly [*Musca domestica*] overwintering. (Sci. note.) J. Econ. Ent. 38: 493-494. Aug. 1945. 421 J822
- 28087 MICHELbacher, A. E., SMITH, R. F., and SMITH, G. L. Control of flies in a dairy barn. Nulaid News 23(6): 11, 22-23. Sept. 1945. 47.8 N917  
Discusses DDT.



- 28088 MICHELBERGER, A. E., and SMITH, G. L. Control of flies in dairies with DDT. Calif. Dairyman 25(17, 1. e. 16): 12, 14. Sept. 29, 1945. 44.8 C12
- 28089 PACAUD, A. Recherches histologiques sur le glycogène chez les larves de diptères du genre *Simulium*. Paris. Soc. de Biol. Compt. Rend. 138: 264-265. May 1944. 442.9 P21
- Refers to *S. costatum* and *S. subornatum*.
- 28090 RAPP, W. F., JR., and COOPER, J. L. Check-list of African Psychodidae. N. Y. Ent. Soc. J. 53: 247-257. Sept. 1945. 420 N48J
- 28091 RAPP, W. F., JR., and COOPER, J. L. Check-list of Psychodidae of Asia and Australia. N. Y. Ent. Soc. J. 53: 211-217. Sept. 1945. 420 N48J
- 28092 RAPP, W. F., JR. A new name for *Pericoma unicolor* Abreu. N. Y. Ent. Soc. J. 53: 262. Sept. 1945. 420 N48J
- Pericoma abreui* proposed as new name.
- 28093 ROBERTI, D. Sulla sperimentazione antidacica del 1940 in Provincia di Sassari. Italy. Min. dell'Agr. e Foreste. Nuovi Ann. dell'Agr. 21: 423-442. July/Dec. 1941. 16 N92
- Control of *Dacus oleae*.
- 28094 RUNYAN, C. R. Boxwood leaf miner *Monarthropus buxi*, controlled with DDT. Arborist's News 10: 74-75. Oct. 1945. 99.8 Ar14
- 28095 SCHOOF, H. F., and ASHTON, D. F. DDT and house flies [*Musca domestica*]. N. C. State Bd. Health. Health B. 60(10): 14-16. Oct. 1945. 449.7 N81B
- 28096 SEGUY, E. Diptères recueillis par M. L. Chopard d'Alger à la Côte d'Ivoire. Soc. Ent. de France. Ann. 109: 109-130. Mar. 15, 1941. 420 F84
- Includes n. sp. in: *Toxophora*; *Caenophaniella* n. g.; *Chrysomya*; *Pardalaspis*; *Trirhithrum*; *Oscini-soma*; *Phaonia*; *Pyrellia*; *Morellia*; *Chopardimyia* n. g.; *Tricycloa*; *Rhyncomyia* 2; *Wohlfahrtiodes*.
- 28097 SHORTT, H. E. Recent research on kala-azar in India. Roy. Soc. Trop. Med. and Hyg. Trans. 39: 13-31. Sept. 1945. Ref. 448.9 R813
- Includes transmission by *Flebotomus argentipes*.
- 28098 VAN DEN BRUEL, W. E. A propos de la lutte contre les mouches de la chicorée de Bruxelles: *Napomyza lateralis* Fall. et *Ophiomyia pinguis* Fall.; nouvelles observations sur le traitement à l'eau chaude et sur l'appareillage nécessaire. Inst. Agron. et des Stas. de Rech. de Gembloux. B. 10(1/4): 26-52. 1941. 105.1 G285
- Summaries in Dutch, German, and English.
- 28099 VARGAS, L. Cuatro nuevas especies y otros datos sobre simúlidos [*Simulium*] de México. Soc. Mex. de Hist. Nat. Rev. 6(1/2): 71-83. June 1945. 516 Sol5
- English summary.
- 28100 WIRTH, W. W. The occurrence of *Culex* (*Melanoconion*) elevator Dyar and Knab in Florida, with keys to the *Melanoconions* of the United States. (Diptera, Culicidae). Ent. Soc. Wash. Proc. 47: 199-210. Oct. 1945. Ref. 420 W27
- Culicidae
- 28101 ANANIAN, S. A., and others. Preryvistoe oroshenie risovykh plantatsii kak profilakticheskoe i agrotekhnicheskoe meropriiatiie po bor'be s mal'ariiei v Armianskoi SSR [Intermittent irrigation of the rice plantations as a prophylactic and agrotechnical measure in malaria control in the Armenian SSR]. Med. Parazitol. i Parazitarn. Bolezni 14: 36-46. 1945. 448.8 M469
- A. I. Chubkova, A. A. Azizian, and A. A. Kocharian, joint authors.
- Prevents *Anopheles* breeding.
- 28102 ARNOLD, E. H., FERGUSON, F. F., and UPHOLT, W. M. The experimental use of DDT sprays as mosquito larvicides. Pub. Health Rpts. Sup. 186, p. 66-79. 1945. 151.65 P96S
- 28103 BOYD, M. F. On difficulties arising in the experimental propagation of falciparum malaria. Amer. J. Trop. Med. 25: 293-306. July 1945. 448.8 Am33
- Results of tests with naturally and artificially infected mosquitoes.
- 28104 CARPENTER, S. J. Packing mosquito larvae for storage or shipment. (Sci. note.) J. Econ. Ent. 38: 501. Aug. 1945. 421 J822
- 28105 DE MEILLON, B., GOLDBERG, L., and LAVOPIERRE, M. The nutrition of the larva of *Aedes aegypti* L. I-II. J. Expt. Biol. 21: 84-96. Aug. 1945. 442.8 B77
- Contents: I, by B. De Meillon, L. Goldberg, and M. Lavoipierre; II. Essential water-soluble factors from yeast, by L. Goldberg, B. De Meillon, and M. Lavoipierre.
- 28106 EIDE, P. M., DEONIER, C. C., and BURRELL, R. W. The toxicity of DDT to certain forms of aquatic life. (Sci. note.) J. Econ. Ent. 38: 492-493. Aug. 1945. 421 J822
- Toxic effect of DDT used to control *Anopheles* on other forms of aquatic life.
- 28107 FAY, R. W., SIMMONS, S. W., and CLAPP, J. M. Laboratory investigations on the toxicity of DDT residues to adults of *Anopheles quadrimaculatus*. Pub. Health Rpts. Sup. 186, p. 21-34. 1945. 151.65 P96S
- 28108 GINSBURG, J. M. Toxicity of DDT to sub-surface-feeding species of mosquitoes. (Sci. note.) J. Econ. Ent. 38: 494-495. Aug. 1945. 421 J822
- 28109 HUFFAKER, C. E., SOTO, H., and REY, H. Additional wild-caught *Anopheles punctimacula* D. and K. infected with malaria plasmodia in Colombia, South America. Amer. J. Hyg. 42: 107-110. Sept. 1945. Ref. 449.8 Am3
- 28110 JENSEN, J. A. The DDT residual spraying program for malaria control in North Carolina. N. C. State Bd. Health. Health B. 60(10): 12-14. Oct. 1945. 449.7 N81B
- Household spraying to eliminate infected mosquitoes.
- 28111 JONES, H. A., and others. Larvicidal aerosols containing DDT. J. Econ. Ent. 38: 432-433. Aug. 1945. 421 J822
- C. C. Deonier, R. W. Burrell, and E. F. Knippling, joint authors.
- Anopheles* control.
- 28112 LEVI CASTILLO, R. Experiencias sobre el control de los mosquitos mediante las algas caráceas. Ecuador. U. Cent. Inst. Bot. B. 3(5): 123-128. June 1945. Ref. 451 Ec9
- Concludes that *Chara fragilis* and *C. nitella* are ineffective as larvicides.
- 28113 MAGOON, E. H. Drenaje y salud en la zona del Caribe. 1 (Drainage for health in the Caribbean area. 1). Cuba. Junta Nac. de Salubridad y Asistencia Social B. Ofic. 48: 57-213. Feb./Apr. 1945. 449.75 C892S
- English text, with Spanish translation by J. A. Hernandez.
- Malaria and mosquito control.
- 28114 MAPLE, J. D. The larvicidal action of DDT on *Anopheles quadrimaculatus*. J. Econ. Ent. 38: 437-439. Aug. 1945. 421 J822
- 28115 MARSHALL, J. F. Records of *Culex* (*Barrandius*) *modestus* Ficalbi (Diptera, Culicidae) obtained in the south of England. Nature [London] 156: 172-173. Aug. 11, 1945. 472 N21
- 28116 METCALF, R. L., and WILSON, C. E. The residual toxicity of the pyrethrins to *Anopheles quadrimaculatus*: preliminary studies. (Sci. note.) J. Econ. Ent. 38: 499. Aug. 1945. 421 J822
- 28117 NEW MOSQUITO repellent; NMRI 407, Navy's newest and most potent insecticide, held mosquitoes at bay for over five hours in laboratory tests; is used like a lotion. Sci. News Let. 48: 247. Oct. 20, 1945. 470 Sci24



28118 \*PROKOFENKO, L. I. Parazitnositel'stvo i dlitel'nost' tropicheskoi malfarii v usloviakh Srednei Azii [Transmission and persistence of tropical malaria under Central Asiatic conditions]. Med. Parazitol. i Parazitar. Bolezni 14: 45-63. 1945. 448.8 M469

28119 SIMMONS, S. W., and others. Techniques and apparatus used in experimental studies on DDT as an insecticide for mosquitoes. Pub. Health Rpts. Sup. 186, p. 3-20. 1945. 151.65 P96S

28120 SOLODOVNIKOVA, O. I. Vliyanie akridina No. 8 i akrikhina na zarazhaiemost' komarov A. maculipennis sacharovi parazitami tropicheskoi malfarii [Acridine No. 8 and atabrine prevent infection of Anopheles maculipennis sacharovi with the parasites of tropical malaria]. Med. Parazitol. i Parazitar. Bolezni 14: 75-78. 1945. 448.8 M469

28121 STONE, A., and FARNER, D. S. Further notes on the Aedes scutellaris group (Diptera, Culicidae). Wash. Biol. Soc. Proc. 58: 155-162. Oct. 13, 1945. Ref. 500 W272

Includes Aedes paullusi, n. sp.

28122 TARZWELL, C. M., and STIERLI, H. The evaluation of DDT residual sprays for the control of anopheline mosquitoes in dwellings. Pub. Health Rpts. Sup. 186, p. 35-48. 1945. 151.65 P96S

28123 UPHOLT, W. M., and others. The experimental use of DDT in the control of the yellow fever mosquito Aedes aegypti (L.). Pub. Health Rpts. Sup. 186, p. 90-96. 1945. 161.65 P96S

T. B. Gaines, S. W. Simmons, and E. J. Arnold, joint authors.

28124 WADDELL, M. B. Persistence of yellow fever virus in mosquitoes after death of the insect. Amer. J. Trop. Med. 25: 329-332. July 1945. 448.8 Am33

28125 WATSON, R. B. Observations on the transmissibility of strains of Plasmodium vivax from Pacific war areas by Anopheles quadrimaculatus. Amer. J. Trop. Med. 25: 315-321. July 1945. 448.8 Am33

28126 WISECUP, C. B., BURRELL, R. W., and DEONIER, C. C. DDT sprays mechanically dispersed for control of anopheline mosquito larvae. J. Econ. Ent. 38: 434-436. Aug. 1945. 421 J822

28127 ZVIAGINTSEV, S. N. Proverka prognoza anofelogenosti vnov' sozdavaemykh vodokhraniliishch (Checking the results of Anopheles control measures in barrage lakes). Med. Parazitol. i Parazitar. Bolezni 14: 30-36. 1945. 448.8 M469

#### HEMIPTERA (HETEROPTERA AND HOMOPTERA)

28128 BALACHOWSKY, A. Deux Cerococcus (Hem. Coccoidea, Asterolecaniidae) nouveaux d'Algérie. Remarques sur les Cerococcus paléarctiques. Soc. Zool. de France. B. 66: 84-94. July 25, 1941. 410.9 P214B

Includes n. spp.: C. oranensis; C. steppicus.

28129 \*BALACHOWSKY, A. Essai sur la classification des cochenilles (Homoptera-Coccoidea). Grignon Ecole Natl. d'Agr. Ann. (ser. 3) 3: 34-48. 1942. Ref. 105.3 G872A

28130 \*CAIRASCHI, E. A. Observations sur divers pucerons raphids; nuisibles. Acad. d'Agr. de France. Compt. Rend. 28: 414-416. Apr. 29/May 6, 1942. 14 P215Bc

28131 CARVALHO, J. C. M. Mirídeos neotropicais: XVIII. Novo gênero e nova espécie [Crassicornus pulchrus, de "Dicyphinae" (Hemiptera)]. Rev. Bras. de Biol. 5: 303-306. July 1945. 442.8 R326

28132 CHINA, W. E. A new African species of Miridae (Carpidae) [Physophoroptera pachylobi]. Hemiptera, Heteroptera. Ann. and Mag. Nat. Hist. (ser. 11) 12: 282-284. Sept. 18, 1945. 410 An77

28133 \*COUTURIER, A. Nouvelles observations sur le larvaire de Ceresa bubalus Fab. Acad. d'Agr. de France. Compt. Rend. 27: 214-218. Feb. 19/26, 1941. 14 P215Bc

28134 DRAKE, C. J., and HARRIS, H. M. Concerning the genus "Metrobates" Uhler (Hemiptera, Gerridae). Rev. Bras. de Biol. 5: 179-180. July 1945. 442.8 R326

Includes Metrobates fugientis n. sp.

28135 DRAKE, C. J., and HARRIS, H. M. Concerning the subfamily "Vesciinae" (Hemiptera, Reduviidae). Rev. Bras. de Biol. 5: 155-156. July 1945. 442.8 R326

Includes Vescia nostratis n. sp.

28136 ESSIG, E. O. The pit making pittosporum scale [Asterolecanium arabidis]. Calif. Dept. Agr. B. 34: 134-136. July/Sept. 1945. 2 C12M

28137 EWING, K. P., and PARENIA, C. R., JR. DDT for control of the cotton flea hopper [Psallus seriatus]. (Sci. note.) J. Econ. Ent. 38: 495-496. Aug. 1945. 421 J822

28138 FENNAH, R. G. The Cixiini of the Lesser Antilles (Homoptera: Fulgoroidea). Wash. Biol. Soc. Proc. 58: 133-146. Oct. 13, 1945. 500 W272

New spp. and forms in: Cyclopoliarus 3, Vicentia 3; Ollarius (Melanoliarus) n. sgen. Vicentia substigmatica n. comb. for Diacira substigmatica.

28139 HARRIS, H. M., and DRAKE, C. J. A new Brachymetra [B. mera] from Peru with a list of known species (Hemiptera, Gerridae). Ent. Soc. Wash. Proc. 47: 211-212. Oct. 1945. 420 W27

28140 HOUGH, W. S., CLANCY, D. W., and POLLARD, H. N. DDT and its effect on the Comstock mealybug [Pseudococcus comstocki] and its parasites. J. Econ. Ent. 38: 422-426. Aug. 1945. 421 J822

28141 KNOWLTON, G. F. Amphorophora aphids notes. Ent. News 56: 206-209. Oct. 1945. 421 En88

28142 \*LATIF, A. Control of the mango mealy bug. Punjab Fruit J. 5: 995-997. July 1941. 80 P962

28143 LWOFF, M., and NICOLLE, P. Alimentation artificielle de Triatoma infestans (réduvidé hémophage) à l'aide de sérum vitaminé. Paris. Soc. de Biol. Compt. Rend. 138: 205-206. Apr. 1944. 442.9 P21

28144 MCATEE, W. L., and MALLOCH, J. R. Identity of Tetyra lateralis Fabricius (Heteroptera, Pentatomidae). Ent. Soc. Wash. Proc. 47: 212-213. Oct. 1945. 420 W27

28145 MCKENZIE, H. L. A revision of Parlatoria and closely allied genera (Homoptera: Coccoidea; Diaspididae). Microentomology 10: 47-121. Oct. 3, 1945. 421 M58

Includes Parlaspi n. g. and n. spp. in: Parlatoria 2; Parlagena n. g.

28146 \*NEPVEU, P. L'affaiblissement végétatif des pêchers attaqués par le pou de San-José [Aspidiotus perniciosus]; une méthode de mesure. Acad. d'Agr. de France. Compt. Rend. 29: 461-462. Oct. 27/Nov. 3, 1943. 14 P215Bc

28147 NIETO SOTO, L. A. El combate de la "coma" de los citrus [Lepidosaphes beckii], en nuestros subtropicos. Sementera 2(2): 27-28. May 28, 1945. 9.5 Se5

28148 ROVIRA V., F. La filoxera [Phylloxera vastatrix] en los viñedos de Chíncha. Peru. Dir. de Agr. Inform. Agr. 3(11): 4-6. Jan./Feb. 1945. 9.8 P434

28149 SNOW, W. E. Pictinus aurivillii Berg. in Illinois. Ill. State Acad. Sci. Trans. 37: 129. 1944. 500 IL6

28150 THOMAS, W. A. Cyrtopeltis varians in some of the tobacco-growing areas of North Carolina. (Sci. note.) J. Econ. Ent. 38: 498-499. Aug. 1945. 421 J822

28151 WIGGLESWORTH, V. B. The fate of haemoglobin in Rhodnius prolixus (Hemiptera). Roy. Soc. Trop. Med. and Hyg. Trans. 39: 9-10. Sept. 1945. 448.9 R813



28152-28184

28152 WYGODZINSKY, P. Notas e descrições de "Emesinae" neotropicais. (Reduviidae, Hemiptera). Rev. Bras. de Biol. 5: 247-262. July 1945. 442.8 R326  
English summary.  
Includes n. spp. in: Emesa; Dohrnemesa n. g. 2; Stenolemus.

## HYMENOPTERA

28153 ALAM, S. M. Some important features of the life-history of *Stenobracon deesae* - a braconid parasite of the sugarcane and juar [Durra] borers of northern India. Cur. Sci. 14: 212-213. Aug. 1945. 475 Sci23  
28154 ARAUJO, R. L. Contribuição para o conhecimento de "*Polybia minarum*" Ducke, 1906 (Hymenoptera, Vespidae). Rev. Bras. de Biol. 5: 157-163. July 1945. 442.8 R326  
English summary.  
28155 BALDUF, W. V. Bionomics of the rose seed chalcid, *Megastigmus nigrovariegatus* Ashm. (Hymenoptera, Callinomidae). Ent. Soc. Wash. Proc. 47: 185-198. Oct. 1945. 420 W27  
28156 \*BENOIST, R. Remarques sur quelques espèces de mégachiles [Megachile], principalement de la faune française. (Hymen. Apidae) Soc. Ent. de France. Ann. 109: 41-88. Mar. 15, 1941. 420 F84  
Includes n. var.: *M. muraria apennina*; *M. circumcincta insidiosa*. New sp.: *M. nguildensis*.  
28157 BODENHEIMER, F. S. *Hoplocampa flava*, L. (In Hebrew.) Hassadeh 25: 461-463. July 1945. 26 H27  
28158 BUSNEL, R. G., and DRILHON, A. La riboflavine (vitamine B<sub>2</sub>) dans la glande à venin des hyménoptères. Paris. Soc. de Biol. Compt. Rend. 135: 1008-1009. July 1941. 442.9 P21  
Observations of *Apis*, *Bombus*, *Xylocopa*, and *Vespa*.  
28159 CARVALHO, J. C. O combate às formigas [Atta spp.]. Biológico 11: 227-231. Aug. 1945. 442.8 B529  
28160 COCKERELL, T. D. A. Descriptions and records of bees.--CXCVI. Ann. and Mag. Nat. Hist. (ser. 11) 12: 273-282. Sept. 18, 1945. 410 An77  
Fifteen n. spp. in *Halictus*.  
28161 DONISTHORPE, H. On a small collection of ants (Hym., Formicidae) from West Africa, associated with Coccidae. Ann. and Mag. Nat. Hist. (ser. 11) 12: 265-273. Sept. 18, 1945. 410 An77  
Includes n. spp. in: *Crematogaster* 4; *Camponotus*.  
28162 GRAHAM, J. P. Bees [Megachile] in electrical apparatus. Brit. Bee J. 73: 270. Oct. 4, 1945. 424.8 B77  
28163 PICKLES, W. A note concerning Dr. Malcolm Burr's article on the island of Flaty. Ent. Rec. and J. Variation 57: 100. Sept. 15, 1945. 421 En89  
Habits of *Messor* spp.  
28164 PICKLES, W. A study on the excavation of mounds by the ant *Pheidole pallidula*, Nyl. (Hym. Formicidae) on a small area of ground. Ent. Rec. and J. Variation 57: 97-99. Sept. 15, 1945. 421 En89  
28165 RODECK, H. G. Genus *Melanomada* Cockerell, new designation (Hym.: Apoidea). Ent. News 56: 202-203. Oct. 1945. 421 En88  
28166 ROMNEY, V. E., and CASSIDY, T. P. *Anaphes oviventatus*, an egg-parasite of *Lygus hesperus*. (Sci. note.) J. Econ. Ent. 38: 497-498. Aug. 1945. 421 J822  
28167 TWINN, C. R. The industrious ant in fact and poetry. Pests 13(10): 18, 20. Oct. 1945. 449.8 Ex8  
See also Apiculture and *Apis mellifera*.

## LEPIDOPTERA

28168 AMARGÓS, J. L. Un lujo que cuesta dieciocho millones. Agronomía [Habana] 5: 165-167. Sept. 1945. 8 C893  
Use of *Lixophaga diatraea* in biological control of *Diatraea saccharalis*.  
28169 BERKOWITZ, S. Caterpillar [Ochrogaster contraria] dermatitis. U. S. Army Med. Dept. B. 4: 464-467. Oct. 1945. 152.9 Ar52  
28170 BIRD, J. F. A few notes from Somerset: Lepidoptera in 1944. Ent. Rec. and J. Variation 57: 102-104. Sept. 15, 1945. 421 En89  
28171 BOTTING, E. A. Moths' and butterflies' eggs. Photomicrographs. Country Life [London] 98: 336-337. Aug. 24, 1945. 80 C83  
28172 BUSNEL, R. G., and DRILHON, A. Une nouvelle substance fluorescente dans le tube de Malpighi de la chenille de *Bombyx neustria* L. Paris. Soc. de Biol. Compt. Rend. 135: 1009-1011. July 1941. 442.9 P21  
28173 CAMPBELL, I. J. Rio Grande Valley and Mexico win 1945 battle with the pink bollworm [Pectinophora gossypiella]. Cooperation and strict enforcement hold key to control of this cotton pest. Cotton and Cotton Oil Press 46(20): 11, 14-15. Oct. 6, 1945. 304.8 C822  
28174 COTTIER, W., and JACKS, H. Relative efficiencies of nicotine sulphate and certain arsenates for control of diamond-back moth [Plutella maculipennis]. New Zeal. J. Sci. and Technol. Sect. A, Agr. 27(1): 37-39. June 1945. 514 N48A  
28175 \*COUTURIER, A. Observations sur un ennemi peu connu du haricot: la pyrale des haricots [Etiella zinckenella]. Acad. d'Agr. de France. Compt. Rend. 29: 292-293. May 26/June 2, 1943. 14 P215Bc  
28176 CURRAN, C. H. A camouflage artist among caterpillars [Synchlora aerata]. Nat. Hist. 54: 360-363. Oct. 1945. 500 N483J  
28177 \*DELMAS, R. Le ver des pommes ou carpocapse *Cydia pomonella* L. (1. e. *Carpocapsa pomonella*). Prog. Agr. et Vitic. 121: 83-86. (To be cont.) Mar. 5/12, 1944. 14 P94  
Colored plate.  
28178 DICK, R. D. Ecological observations on *Oxyancus cervinata*. New Zeal. J. Sci. and Technol. Sect. A, Agr. 27(1): 32-36. June 1945. 514 N48A  
28179 DOS PASSOS, C. F., and GREY, L. P. A genitalic survey of Argynniinae (Lepidoptera, Nymphalidae). Amer. Mus. Nat. Hist. Amer. Mus. Novitates 1296, 29 p. Sept. 14, 1945. Ref. 500 N483N  
28180 DOS PASSOS, C. F., and GREY, L. P. A new species and some new subspecies of *Speyeria* (Lepidoptera, Nymphalidae). Amer. Mus. Nat. Hist. Amer. Mus. Novitates 1297, 17 p. Sept. 14, 1945. Ref. 500 N483N  
*S. wenona* n. sp., and 14 n. ssp.  
28181 FORBES, W. T. M. The ennemid pupa (Lepidoptera, Geometridae). N. Y. Ent. Soc. J. 53: 177-210. Sept. 1945. 420 N48J  
28182 FOX, R. M. New genera and species of Ithomiinae (Lepidoptera, Nymphalidae). Amer. Mus. Nat. Hist. Amer. Mus. Novitates 1295, 14 p. Sept. 10, 1945. 500 N483N  
Includes new spp. and forms in: *Melinaea*, *Ithomia*, *Hypothyris*, *Ceratinia*, *Callithomia* 2, *Velamysta*, *Pteronymia* 2, *Episcada*, *Hypoleria*. *Veladyris* n. g., *Dygoris* n. g., *Hypomenitis* n. g.  
28183 FRANZ, T. Vogelwelt und tannentriebwickler (Cacoecia [i. e. Archips] murinana Hb.). Allg. Forst- u. Jagd-Ztg. 116: 252-255. Oct. 1940. 99.8 AL3  
28184 FREEMAN, H. A. The Hesperidae (Lepidoptera) of Arkansas. Field and Lab. 13: 60-64. July 1945. 470 F46



- 28185 FREEMAN, H. A. A new species of *Lerodea* from Texas (Lepidoptera: Hesperidae). Ent. News 56: 203-205. Oct. 1945. 421 En88  
L. julia.
- 28186 GÄBLER, H. Aus der forschungsstelle für nonnenbekämpfung der Sächs. Forstl. Versuchsanstalt Tharandt. Allg. Forst- u. Jagd-Ztg. 116: 269-275. Nov. 1940. 99.8 AL3  
Control of *Lymantria monacha*.
- 28187 \*GINIBRE, P. Le développement de *Gastropacha quercifolia* Linné. Rev. des Sci. Nat. d'Auvergne (n. s.) 8: 130-133. 1942. 410 R327
- 28188 GÓMEZ CLEMENTE, F. El agusanado o "cucat" [*Chilo simplex*] del arroz. Agr. Levantino 11(128): 5-9. July 1945. 15 Ag85
- 28189 HONEY-DEW. By an Old Moth-Hunter. Ent. Rec. and J. Variation 57: 93-97. Sept. 15, 1945. 421 En89  
Role of honeydew in rearing Lepidoptera.
- 28190 JAMES, M. T. A new larvaevorid parasite of the social butterfly *Eucheira socialis* Westwood (Diptera). Wash. Acad. Sci. J. 35: 328-330. Oct. 15, 1945. 500 W276J  
*Eucheirophaga* n. g.
- 28191 KLEIN, H. Z. Observations of the larvae of the codling moth [*Carpocapsa pomonella*]. (In Hebrew.) Hassadeh 25: 470-471. July 1945. 26 H27
- 28192 LESLIE, A. P. DDT in Ontario's forests. Canad. Geog. J. 31: 186-197. Oct. 1945. 470 G162  
Airplane spraying against *Archips fumiferana*.
- 28193 LYLE, C. Three methods of treatment control peach tree borer [*Sanninoidea exitiosa*]. Miss. Farm Res. [Miss. Sta.] 8(9): 8. Sept. 1945. 100 M69M1
- 28194 MITRA, P. The moth *Taragama siva* Lefroy, as a pest of guava tree (*Psidium guava*). Cur. Sci. 14: 209. Aug. 1945. 475 Sci23
- 28195 MONTE, O. O mimetismo das borboletas. Fauna, São Paulo, 4(7): 15. July 1945. 410 F272
- 28196 NAUDÉ, T. J. Maize stalk borer [*Busseola fusca*]. Union So. Africa. Dept. Agr. and Forestry. Press Serv., No. 802, p. 1. Aug. 21, 1945. 24 So82Fr
- 28197 NAUDÉ, T. J. Maize stalk borer [*Busseola fusca*]. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser. 147, 2 p. Pretoria, 1945. 24 So82Fa
- 28198 NEEDHAM, J. G. A pedicel gall on *Trichostema*. N. Y. Ent. Soc. J. 53: 259-261. Sept. 1945. 420 N48J  
Galls caused by *Mompha sexnotella*.
- 28199 NEWMAN, L. H. Some day-flying moths. Country Life [London] 98: 468-469. Sept. 14, 1945. 80 C83
- 28200 PAILLOT, A. *Mesnilia legeri* nov. gen. nov. sp., parasite de la cochyliis de la vigne (*Clysia ambiguella* Hbn.). Paris. Soc. de Biol. Compt. Rend. 135: 1041-1043. July 1941. 442.9 P21
- 28201 \*PAILLOT, A. L'organisation de la lutte contre la cochyliis [*Clysia ambiguella*] et l'eudémis [*Polychrosis botrana*] de la vigne (campagne 1940). Acad. d'Agr. de France. Compt. Rend. 26: 867-873. Nov. 13/20, 1940. 14 P215Bc
- 28202 \*PUSSARD, R. Documents pour la lutte contre la teigne de la pomme de terre [*Gnorimoschema operculella*]. Acad. d'Agr. de France. Compt. Rend. 30: 96-97. Feb. 9/16, 1944. 14 P215Bc
- 28203 SEVASTOPULO, D. G. The diapause in *Calcutta* Lepidoptera. Ent. Rec. and J. Variation 57: 104-105. Sept. 15, 1945. 421 En89
- 28204 SEVASTOPULO, D. G. Reputed mimicry in *Pareronia valeria*, Cr., considered with reference to other Indo-Australian Pieridae. Ent. Rec. and J. Variation 57: 105-106. Sept. 15, 1945. 421 En89
- 28205 SMITH, C. F. Reduced concentrations of ethylene dichloride for peachtree borer [*Sanninoidea exitiosa*]. (Sci. note.) J. Econ. Ent. 38: 500. Aug. 1945. 421 J822
- 28206 \*SUIRE, J. Attaque du soja par la pyrale des haricots *Etiella zinckenella* Treitsche. Acad. d'Agr. de France. Compt. Rend. 29: 293-294. May 26/June 2, 1943. 14 P215Bc
- 28207 TRAVASSOS, L. Contribuição ao conhecimento dos "Arctiidae". VIII. (Lepidoptera, Heterocera). Rev. Bras. de Biol. 5: 197-204. July 1945. 442.8 R326
- 28208 TURNER, A. J. New species of Lepidoptera from the Barnard Collection. No. 3. Queensland Mus. Mem. 12: 154-163. Aug. 6, 1945. 514 B772M  
Includes 22 n. spp. and 5 n. g.
- 28209 TURNER, H. J. The British Noctuae (i. e. Phalaenidae) and their varieties. Ent. Rec. and J. Variation 57(9, sup.): 197-200. (Cont.) Sept. 15, 1945. 421 En89
- 28210 WILTSHIRE, E. P. Corrigendum to Iranian Lepidoptera. Ent. Rec. and J. Variation 57: 108. Sept. 15, 1945. 421 En89
- 28211 ZERNOFF, V., and GORBATCHEFF, H. Action du para-aminophénylesulfamide (1162 F) sur la phagocytose dans l'infection expérimentale chez les chenilles de *Galleria mellonella*. Paris. Soc. de Biol. Compt. Rend. 135: 615-616. May 1941. 442.9 P21  
See also Sericulture and the Silkworm.

## ORTHOPTERA

- 28212 CHAUVIN, R. Répartition de l'acridioxanthine chez les orthoptères. Paris. Soc. de Biol. Compt. Rend. 135: 334-335. Mar. 1941. 442.9 P21
- 28213 CHAUVIN, R. Variations du phototropisme du criquet pèlerin (*Schistocerca gregaria* Forsk.) suivant différentes longueurs d'onde. Soc. Zool. de France. B. 66: 27-32. May 12, 1941. 410.9 P214B
- 28214 \*CHOPARD, L. Contribution à l'étude des orthoptéroïdes du nord de l'Afrique. Soc. Ent. de France. Ann. 109: 153-167. Mar. 15, 1941. 420 P84  
Includes n. spp. and forms in: *Eugaster* 4; *Calamottespis*; *Gryllulus*; *Pamphagulus*.
- 28215 CHOPARD, L. Dictyoptères et orthoptères récoltés en Mauritanie et dans la région du Tchad par la mission d'études de la biologie des acridiens. Rev. Franç. d'Ent. 7(1): 8-30. 1940. 421 R323  
Includes n. spp. and forms in: *Theganopteryx*; *Ischnoptera*; *Heterogamodes* 2; *Eremiaphila* 5; *Tarachodes*; *Iris*; *Ischnomantis*; *Empusa*; *Gryllulus*; *Clearidas*.
- 28216 COUSIN, G. Importance du sexe et du sens des croisements dans la transmission de la stabilité des formes spécifiques aux hybrides réciproques  $F_1$  de deux espèces de grillons: *Gryllus campestris* L. et *Gryllus bimaculatus* de Geer. Paris. Soc. de Biol. Compt. Rend. 135: 878-880. June 1941. 442.9 P21
- 28217 COUSIN, G. Importance du sexe et du sens des croisements sur l'interrelation entre les formes spécifiques et leur stabilité dans les transmissions héréditaires chez deux espèces de grillons [*Gryllus campestris*; *G. bimaculatus*]. Paris. Soc. de Biol. Compt. Rend. 135: 881-884. June 1941. 442.9 P21
- 28218 KHAN, M. H. Driving hopper-bands of desert locust, *Schistocerca gregaria*, to the trenches. Indian Farming 6: 296-299. July 1945. 22 In283
- 28219 LHOSTE, J. Importance relative des soins maternels chez *Forficula auricularia* L. Paris. Soc. de Biol. Compt. Rend. 135: 499-500. Apr. 1941. 442.9 P21
- 28220 LHOSTE, J. Premières observations sur la structure de l'oeil de *Forficula auricularia* L. Soc. Zool. de France. B. 66: 62-65. May 12, 1941. 410.9 P214B



28221 PESSON, P. Observations sur la ponte, l'oeuf, l'éclosion et l'élevage de *Metrioptera albopunctata* (Goeze), (Orthoptera, Decticinae), et d'*Ephippiger Fiebig.*, (Orthoptera Ephippigerinae). Soc. Zool. de France. B. 65: 159-169. Mar. 20, 1941. 410.9 P214B

28222 STROHECKER, H. F. Notes on and descriptions of Mexican Orthoptera. Ent. Soc. Amer. Ann. 38: 207-215. June 1945. 420 En82  
Includes new spp. in: *Argyrtes*; *Pristoceuthophilus*; *Dichopetala* 2; *Trachyrhachis*.

28223 \*VAYSSIÈRE, P. Les multiplications de sauterelles en France en 1943. Acad. d'Agr. de France. Compt. Rend. 29: 464-466. Oct. 27/Nov. 3, 1943. 14 P215Bc

*Dociostaurus maroccanus* most harmful.

28224 WALTON, R. R., and WHITEHEAD, F. E. The influence of temperature, clouds and time of day upon the feeding of grasshoppers on poison bait. J. Econ. Ent. 38: 458-463. Aug. 1945. 421 J822

28225 WALTON, R. R., and WHITEHEAD, F. E. Tests of ingredients of grasshopper baits. J. Econ. Ent. 38: 452-457. Aug. 1945. 421 J822

28226 WATSON, J. R. Control of grasshoppers in groves & gardens. Citrus Indus. 26(10): 14. Oct. 1945. 80 C49

#### SERICULTURE AND THE SILKWORM

28227 \*DESNUELLE, P., and CHANG, C. T. Sur la protéine de la grasseur du ver à soie [*Bombyx mori*]. III. - Étude de certains de ses groupements libres. Inst. Pasteur [Paris], Ann. 71: 264-272. July/Aug. 1945. Ref. 448.3 An75

28228 KEIM, J. F. Silk worm [*Bombyx mori*] culture. Pa. Farmer 133: 193. Oct. 13, 1945. 6 P383

28229 NATARAJAN, C. V. A possible use of silk-worm body powder. Cur. Sci. 14: 205-206. Aug. 1945. 475 Sci23

Protein source in nutrient agar for bacteria.

28230 RODRÍGUEZ ZELADA, R. Brasil, dentro de 3 años, sería el productor mundial de la seda cruda. Chacra 15(179): 72-73. Sept. 1945. 9 C34

#### SMALLER ORDERS

28231 BONET, F. Nuevos géneros y especies de hipogastrúridos de México (Collembola). Soc. Mex. de Hist. Nat. Rev. 6(1/2): 13-45. June 1945. 516 Sol5

English summary.

New spp. and forms in: *Schaefferia*; *Spelaeogastrura* n. g.; *Acherontides* n. g.; *Acherontiella* 2; *Willemia* 3.

28232 DAMPF, A. Notas sobre pulgas. I a VII. Soc. Mex. de Hist. Nat. Rev. 6(1/2): 47-70. June 1945. Ref. 516 Sol5

English summary.

Contents: I. Algunos nuevos datos sobre los órganos bucales de las pulgas [*Hystrichopsylla talpae*; *Pulex irritans*], p. 47-56; II. Tienen las pulgas "puvilli" y un "empodium" en su último segmento tarsal?, p. 56-57; III. El uso del nombre "*Ceratophyllidae*" en lugar de "*Dolichopsyllidae*" [*Anomiopsyllinae* n. sfam.], p. 58-60; IV. La cerda postocular en los *Ceratophyllinae*, p. 60-62; V. La presencia de espinas o "pseudosetae" en el lado interior del collar del mesonoto de las pulgas, p. 62-64; VI. El "órgano o la glándula de Wagner," de las pulgas, p. 64-65; VII. Hay diferencias entre los conceptos taxonómicos de especie y subespecie?, p. 65-68.

28233 GRASSÉ, P. P., and JOLY, P. La teneur en matières organiques de quelques terres de termitières. Soc. Zool. de France. B. 66: 57-62. May 12, 1941. 410.9 P214B

Observations of *Amitermes evuncifer*, *Cubitermes* sp., and *Bellicositermes natalensis*.

28234 HINTON, E. L. The use of DDT dust in the control of endemic typhus fever in North Carolina. N. C. State Bd. Health, Health B. 60(10): 10-11. Oct. 1945. 449.7 N81B

Control of *Nosopsyllus fasciatus*.

28235 KIMMINS, D. E. A note on some specialized hairs in the Palparinae (Neuroptera, Myrmeleonidae). Entomologist 78: 97-99. July 1945. 421 En8

28236 MELVILLE, A. R. Annual report of the Entomologist (Coffee Services) - 1944; *Diarthrothrips coffeae* Williams, the coffee thrips. Kenya Colony. Coffee Bd. Monthly B. 10: 58-62. June 1945. 68.29 C652

28237 NOBLEY, F. B. Algunas observaciones sobre los thrips del café [*Physothrips xanthoceros*]. Inst. de Defensa del Café de Costa Rica. Rev. 15: 296-302. June 1945. 68.28 C82

28238 PALMER, D. F. Greenhouse thrips [*Heliothrips haemorrhoidalis*] on oranges. Calif. Cult. 92: 506. Sept. 29, 1945. 6 C12

28239 POOS, F. W. The control of tobacco thrips [*Frankliniella fusca*] on seedling peanuts. J. Econ. Ent. 38: 446-448. Aug. 1945. 421 J822

28240 TRONSON, W. On killing white ants [termites]; arsenic does the job effectively, but it must be handled with care. Live Stock B., Aug. 1, 1945. p. 24. 23 F222

28241 UPTON, R. G. Report on short course of instruction on murine typhus control under the direction of the Texas State Department of Health. Pests 13(10): 14. Oct. 1945. 449.8 Ex8  
DDT and Antu for flea and rat control.

28242 WESTFALL, M. J., JR. A note on synonymy in the genus *Gomphus* (Odonata). Ent. News 56: 200-202. Oct. 1945. 421 En88

28243 WOLCOTT, G. N. DDT as a termite [*Cryptotermes brevis*] repellent. (Sci. note.) J. Econ. Ent. 38: 493. Aug. 1945. 421 J822

28244 WRAY, D. L. Swarming of *Collembola* [*Achorutes armatus*] in North Carolina. (Sci. note.) J. Econ. Ent. 38: 500. Aug. 1945. 421 J822

#### Anoplura and Mallophaga

28245 HAGEN, C. Livestock winter better if de-loused in fall. Oreg. Farmer 68: 543, 558. Oct. 18 1945. 6 O32

Discusses DDT

28246 PATAY, R. Sur un dispositif aérifère de l'embryon de *Pediculus vestimenti* Nitzsch [i. e. *P. humanus corporis* Deg.]. Soc. Zool. de France. B. 66: 182-189. Oct. 10, 1941. Ref. 410.9 P214B

28247 SUTTON, R. L., JR. Pediculosis pubis: treatment with DDT in cold cream. U. S. Army Med. Dept. B. 4: 480. Oct. 1945. 152.9 Ar52  
Control of *Phthirus pubis*.

#### AGRICULTURAL ENGINEERING

##### GENERAL

28248 BUSSHOF, Scheuklappen bei pferden nicht statthaft. Landesbauernschaft Moselland, Wchnbl., No. 40, p. 732. Oct. 3, 1942. 18 L2328

28249 CANTERBURY AGRICULTURAL COLLEGE. Forging on the farm. Blacksmithing tools and methods. New Zeal. Farmer Weekly 66(12): 4-5. Aug. 9, 1945. 23 N484

28250 DYER, R. F. This could happen to you! Farm and Ranch 64(7): 4. July 1945. 6 T31  
Fire prevention.



28251 HAMILTON, C. L. Farming is dangerous business. Washcoegg 23(5): 11, 20. Oct. 1945. 47.8 W27

28252 JOHNSON, L. Saddest words of tongue or pen. West. Farm Life 47(16): 5, 13. Oct. 1, 1945. 6 R153  
Farm fires.

28253 LEE, H. C. Prevent fires now through inspection of elevators. Natl. Grain J. 29(1): 10, 29. Aug. 1945. 298.8 C83

28254 RIVIÈRE, C. M. Iniciativa que debe complementarse. Diario Rural 4(488): 10. June 20, 1945. 9.9 D54

Comment on a decree requiring farms to maintain emergency kits in case of accidents, in Uruguay.

28255 SMITH, A. Stacking of hay and straw bales. Gt. Brit. Min. Agr. Agriculture 52: 258-259. Sept. 1945. 10 G79J

28256 SWANSON, R. C. A lifetime's toil up in smoke. Let's prevent farm fires. Wis. Agr. and Farmer 72(2): 18-19. Oct. 20, 1945. 6 W751

28257 TAYLOR, R. H., WHEELER, H. G., and BENEDICT, F. Jar rings for use in home canning; their testing and a proposed specification. U. S. Natl. Bur. Standards. Misc. P. M181, 18 p. Washington, 1945. 157.88 M68

#### FARM MACHINERY

##### General

28258 ANDRADE, A. C. Ensaio de pulverizadores de costa. Biológico 11: 201-221. Aug. 1945. 442.8 B529

Testing knapsack sprayers.

28259 BAGGETTE, T. L. Cotton can be produced without hand labor. Farm for Victory, No. 19, p. 13-14. Aug. 1945. 281.8 F226  
Equipment.

28260 BARRON, L. Mom and dad go to school. Farm and Ranch 64(7): 22-23. July 1945. 6 T31  
Farm shops.

28261 BEARCE, H. W. International standardization of screw threads. Impl. & Tractor 60(20): 72. Oct. 6, 1945. 58.8 W41

28262 BELOUSOV, D. Frezernyi stanok [A lathe for cutting screws]. Sovkhoz. Proizvod. 4(12): 39-40. Dec. 1944. 20 So85

28263 BRAUND, C. L. What's in store for the independent implement retailer. Impl. & Tractor 60(20): 51, 109. Oct. 6, 1945. 58.8 W41

28264 BUMP, C. L. Ditching by bulldozer. Mont. Farmer 33(4): 8. Oct. 15, 1945. 6 M764

28265 CRADDOCK, T. H. Spares for farm machines. A scheme for simplifying the ordering of replacements. Farmers Weekly [London] 23(13): 31. Sept. 28, 1945. 10 F226

28266 DOANE, D. H. As the South looks ahead. Will cotton be produced and harvested by low-cost machinery methods? Business of Farming 4(3): 6. 1945 6 B96

28267 GIRARD, H. Note sur la création du centre d'études et d'essais du machinisme agricole. Acad. d'Agr. de France. Compt. Rend. 29: 340-346. June 9/23, 1943. 14 P215Bc

28268 GRÖNE, L. Standard för lantbruksmaskiner [Standardization of agricultural machinery]. Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige 15(26): 3. June 30, 1945. 11 J762

28269 GULL, P. W., and ADAMS, J. E. Mechanical production of cotton. Miss. Farm Res. [Miss. Sta.] 8(9): 3-5. Sept. 1945. 100 M69M1

28270 HEIMPFL, L. G. Machinery needs good lubrication. Family Herald and Weekly Star 76(38): 22. Sept. 19, 1945. 7 F21

28271 HIGGINS, F. H. Weeds only worry as rice heads. Rice J. 48(9): 10-12. Sept. 1945.

59.8 R36

Equipment.

28272 HOLMAN, R. L. Future farm science. Your Farm 3(12): 25-27. Oct. 1945. 6 Y8  
New engineering developments.

28273 KEATING, L. A. Must "roll your own" success. Several pertinent suggestions pointing the way to security in the farm equipment business. Farm Mach. and Equip., No. 1942, p.38-39. Oct. 1945. 58.8 F225

28274 MCCUEN, G. W. Como mantener en buen estado la maquinaria agrícola. Vinos, Viñas y Frutas 41:57-58. July 1945. 9 Ag89

28275 MASSEY, G. F. A taste of what's to come. Business of Farming 4(4): 6. 1945. 6 B96  
Farm equipment.

28276 MAY, J. "The customer is always right." And it's the job of the farm machinery maker to find out what he wants. Farmers Weekly [London] 23(13): 29. Sept. 28, 1945. 10 F226

28277 MURDOCK, O. Your old farm machinery will be obsolete. West. Dairy J. 1(9): 9, 52. July 1, 1945. 44.8 W524

28278 MURPHY, H. G. New developments in farm machinery. Oreg. Seed Growers League. Proc. (1945) 4: 21, 23, 25-27. 61.9 Or3

28279 OXYCEDRUS, J. Wax mends a sprayer. Horticulture 23: 444. Oct. 1, 1945. 80 H787

28280 RUTHERFORD, D. M. Brush eater. Calif. Citrog. 30: 394-395. Oct. 1945. 80 C125

28281 TANQUARY, E. W. Safeguarding power-driven farm machinery. Impl. & Tractor 60(20): 53, 77. Oct. 6, 1945. 58.8 W41

28282 TAUDIÈRE, E. Situation actuelle du machinisme agricole. Acad. d'Agr. de France. Compt. Rend. 29: 166-170. Mar. 17/24, 1943. 14 P215Bc

28283 U. S. OFFICE OF WAR INFORMATION. Mechanical handling of American crops. New Zeal. Farmer Weekly 66(12): 12. Aug. 9, 1945. 23 N484

28284 WETZEL, G. F. Some reasons for using lubricating oil filters. Impl. & Tractor 60(20): 69, 76. Oct. 6, 1945. 58.8 W41

##### Tillage Machinery

28285 \*MININ, I. A. Prosteishii konnyi kul'tivator-polol'nik [The simplest horse-drawn cultivator-weeder]. Kolkhoz. Proizvod. 5(4/5): 23. Apr./May 1945. 281.8 K83

##### Planting Machines and Fertilizer Distributors

28286 GOULDEN, C. H. A seed dispenser - device for measuring seed by volume for rod row plots.

Sci. Agr. 25: 707-710. July 1945. 7 Sci2

28287 GREEN, R. J. One thousand trees an hour. Forestry division develops tree-planting machine. Minn. Dept. Conserv. Conserv. Volunteer 8(47): 23-25. July/Aug. 1945. 279.8 Q765

##### Harvesting, Threshing, Drying, and Processing Equipment

28288 ANDERSON, S. L., and others. An automatic sliver and roving regularity tester and an automatic yarn regularity tester. Brit. Cotton Indus. Res. Assoc. Shirley Inst. Mem. 19: 183-196. June 1945. 72.9 B773

B. Cavaney, G. A. R. Foster, and J. R. Womersley, joint authors.

28289 ANDERSON, S. L., and others. Description and use of (1) the photographic yarn regularity tester, and (2) the photographic sliver and roving regularity tester. Brit. Cotton Indus. Res. Assoc. Shirley Inst. Mem. 19: 147-152. June 1945. 72.9 B773

B. Cavaney, G. A. R. Foster, and J. Gregory, joint authors.

Also in Textile Inst. J. 36: P191-P196. Aug. 1945. 73.9 T31



- 28290 BARGER, E. L. Adjusting the combine. Soybean Digest 5(11): 26-27. Sept. 1945. 60.38 8o9
- 28291 BLIER, B. M. Absorbtsionnye kholodil'nye ustanovki v vinodel'cheskoj promyshlennosti [Refrigerating equipment in the wine-making industry]. Vinodel. i Vinograd. SSSR 4(9): 8-12. Sept. 1944. 95.8 V77
- 28292 CRUESS, W. V. Refrigeration - a phase of food technology. Refrig. Engin. 50: 326-328. Oct. 1945. 295.9 Am32J
- 28293 DUDLEY, R. Combine harvesting. Gt. Brit. Min. Agr. Agriculture 52: 251-255. Sept. 1945. 10 G79J
- 28294 EVERETT, T. W. Forage harvester is "tops" with farmers. Furrow, Salt L. - C [Ed.] 50: 4, 12. May/June 1945. 6 F98Sa
- 28295 FRASIER, F. Handy egg cleaners used by Washington poultry farmers. Part 2. Washcoegg 23(5): 8, 16-17. Oct. 1945. 47.8 W27
- 28296 GIRARD, H., and BARATTE. Le moissonnage-battage dans l'agriculture Française. Acad. d'Agr. de France. Compt. Rend. 29: 476-478. Nov. 10/17, 1943. 14 P215Bc
- 28297 GUNDRY, B. G. The "Gundry" tobacco furnace. Rhodesia Agr. J. 42: 195-201. May/June 1945. 24 R34
- 28298 HALL, J. A. Temperature control in the H. T. S. T. pasteurisation process. J. Dairy Res. 14: 1-20. Mar. 1945. 44.8 J823
- 28299 HAMLY, D. H. A small separator for the recovery of milkweed floss and seed. Part 1. Construction and operation. Canad. J. Res. Sect. F, Technol. 23: 313-326. Sept. 1945. 470 C16F
- 28300 HOLMAN, R. L. Barn cure for hay. Furrow, Indpl. - C [Ed.] 50: 3. May/June 1945. 6 F981
- 28301 JORDAN, R. A. Lubrication in the cane sugar factory. Internatl. Sugar J. 47: 239-242. Sept. 1945. 65.8 In8
- 28302 LLOYD, E. W. Gathering in the harvest. Field 186: 195. Aug. 25, 1945. 10 F45
- 28303 MCKIBBEN, E. G., BELL, R. W., and SMITH, L. E. Sugar-beet harvester trials in Michigan in 1943 and 1944. Mich. Agr. Expt. Sta. Q. B. 28: 52-58. Aug. 1945. 100 M583
- 28304 MICHAEL, R. D. Cure [hay] with hot air, too. Furrow, Indpl. - C [Ed.] 50: 3, 11. May/June 1945. 6 F981
- 28305 NEAL, J. H. Would a feed mill pay? Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(10): 66. Oct. 1945. 6 F945G
- 28306 PERRY, R. L., MARSH, G. L., and PHAFF, H. J. Some engineering aspects of blanching cut fruits for dehydration. Agr. Engin. 26: 421-422, 424. Oct. 1945. 58.8 Ag83
- 28307 PIRRIE, P. G. The engineering approach to better bread. Bakers' Weekly 128(4): 43-44. Oct. 22, 1945. 389.8 B172
- 28308 QUEENSLAND. DEPT. OF AGRICULTURE AND STOCK. DIVISION OF DAIRYING. The milking machine. Queensland Agr. J. 61: 98-101. Aug. 1, 1945. 23 Q33
- 28309 REED, I. F., and JEZEK, R. E. A portable tung nut decorticator. Agr. Engin. 26: 413-414, 420. Oct. 1945. 58.8 Ag83
- 28310 RICE, E. S. Dry cleaning machinery - aspirators. Milling 105: 222, 227. Sept. 29, 1945. 298.8 M622
- Used for cleaning of grain.
- 28311 RICE, E. S. Dry cleaning machinery of grain. Milling 105: 212, 214. Sept. 22, 1945. 298.8 M622
- 28312 SALLANS, H. R., and SINCLAIR, G. D. A laboratory huller for sunflower seed and oats. Canad. J. Res. Sect. F, Technol. 23: 306-312. Sept. 1945. 470 C16F
- 28313 SOLOV'EV, P. Zagotovka vitaminnogo sena. Kolkhoz. Proizvod. 5(4/5): 28. Apr./May 1945. 281.8 K83
- Equipment for drying of hay.
- 28314 STREET, A. G. Five days or one? A problem in red clover harvesting: combine or stack? Farmers Weekly [London] 23(13): 27. Sept. 28, 1945. 10 F2226
- 28315 TRESSLER, D. K. Installs modern tunnel freezer. Frosted Food Field 1(4): 3. Oct. 1945. 389.8 F922
- 28316 VIKTOROV, I. S. Potochnoe proizvodstvo na vinodel'cheskikh predpriyatiyakh [Stream-like production in the wine-making factories]. Vinodel. i Vinograd. SSSR 4(12): 12-15. Dec. 1944. 95.8 V77
- Includes equipment.
- 28317 WEST, W. J. Sugar-beet harvesters. Gt. Brit. Min. Agr. Agriculture 52: 259-262. Sept. 1945. 10 G79J
- 28318 WIGGINS, F. H. The "sucker's" coming up! Ingenious California farmers invent machines to harvest ladino seeds. Impl. Rec. 42(10): 22-23. Oct. 1945. 58.8 Im73
- 28319 WOODROOT, J. G. A guide for home freezers. Frosted Food Field 1(4): 16. Oct. 1945. 389.8 F922
- Trucks, Tractors, and Other Farm Power (Including Fuels)
- 28320 BERTHELOT, C. L'organisation et la construction des gazogènes au bois, au lignite et à la tourbe en Allemagne. Génie Civil 119: 75-77. Feb. 14/21, 1942. 290.8 G29
- 28321 BUTLER, E. Tractor farming comes to east Texas. Prog. Farmer, Tex. Ed. 60(11): 14, 72. Nov. 1945. 6 T311
- 28322 COUPAN, G. Analyse d'une étude du Prof. A. Bastet sur l'emploi des sarments de vigne comme source d'énergie pour les moteurs à combustion interne. Acad. d'Agr. de France. Compt. Rend. 29: 136-138. Feb. 17/24, 1943. 14 P215Bc
- 28323 COUPAN, G. Le gaz de fumier, carburant agricole. Génie Civil 119: 326-328. Dec. 15, 1942. 290.8 G29
- 28324 DELLENBACH, P. L'avenir du tracteur vigneron. Prog. Agr. et Vitic. 62: 100-104. Mar. 18/25, 1945. 14 P94
- 28325 HEINE, A. C. Jeep proves versatile in Morris farm tests. Minn. Farm and Home Sci. [Minn. Sta.] 3(1): 11. Oct. 15, 1945. 100 M668
- 28326 HERMAN, L. M. Revival of Russia's tractor industry. Foreign Com. Weekly 21(2): 10-12, 49. Oct. 6, 1945. 157.54 F763
- 28327 JOLY, R. L. Avantages généraux de la motoculture et diversité d'emploi du tracteur agricole moderne. Prog. Agr. et Vitic. 61: 86-88. (Concl.) Mar. 5/12, 1944. 14 P94
- 28328 L., J. L'emploi de l'alcool comme carburant pour les automobiles. Génie Civil 119: 9-11. Jan. 3/10, 1942. 290.8 G29
- 28329 LOCKWOOD, J. F. War's damage to flour mills in Europe. Northwest. Miller 224(2, sect.2): 3a, 23a-25a. Oct. 9, 1945. 298.8 N81
- 28330 MALIN, A. Organizatsiya truda v traktornoi brigade MTS [Organization of labor in the tractor brigade of the Machine-Tractor Station]. Sovkhoz. Proizvod. 16(4/5): 39-46. Sept. 1944. 281.8 So73
- 28331 MORRIS, D. J. The post-war version of the military "jeep." Tex. Livestock J. 4(9): 7. (Concl.) Sept. 15, 1945. 49 T29
- 28332 NATIONAL INSTITUTE OF AGRICULTURAL ENGINEERING. Small automatic hammer mills. Gt. Brit. Min. Agr. Agriculture 52: 262-263. Sept. 1945. 10 G79J
- 28333 OPERATING costs for farm tractors. Light from east of Scotland enquiry. Farming News and North Brit. Agr. 97(38): 2. Sept. 14, 1945. 10 N82



28334 PURSER, R. Jeep turns to peacetime use. Family Herald and Weekly Star 76(43): 14. Oct. 14, 1945. 7 F21

28335 SAUVE, E. C., and MCKIBBEN, E. G. Studies on use of liquid in tractor tires. II. Effect on loss of pressure, change of pressure with temperature, bouncing characteristics, and resistance to damage by impact. Mich. Agr. Expt. Sta. Q. B. 28: 1-19. Aug. 1945. 100 M58S

28336 SCHROEDER, W. P. The new farm jeep makes its bow. Agr. Leaders' Digest 26(7): 32, 34. Sept. 1945. 275.28 Am3

28337 SORCA Y PLANA, J. M. DE. La capacitación de tractoristas agrícolas en la Escuela Especial de Ingenieros Agrónomos. Agricultura [Madrid] 14: 349-351. July 1945. 15 Ag84

28338 \*VASHCHENKO, E. Iz opyta raboty inzhenera Sovkhoz. Proizvod. 4(12): 40-41. Dec. 1944. 20 S085

Repair of tractors and the making of parts.

### FARM STRUCTURES

#### General

28339 MAAS, C. Always underfoot. Business of Farming 4(4): 5. 1945. 6 B96  
Floors.

28340 SCHWANTES, A. J., and WHITE, H. B. Farm building priorities for the postwar period. Minn. Farm and Home Sci. [Minn. Sta.] 3(1): 8-9, 14-15. Oct. 15, 1945. 100 M668

28341 WITZEL, S. A. A new method of steel fabrication for farm building frames. Agr. Engin. 26: 415-416, 420. Oct. 1945. 58.8 Ag83

#### Farmhouses

28342 ATHERTON, C. C. Plan for Pisa house. Country Life [Sydney] 57(9): 16. Aug. 31, 1945. 286.85 Sy2

28343 BONNER, J. C. Plantation architecture of the lower South on the eve of the Civil War. J. South. Hist. 11: 370-388. Aug. 1945. 134.8 J82

28344 BUNNING, W. Country homes: garden courts. Country Life [Sydney] 57(7): 16. Aug. 17, 1945. 286.85 Sy2

28345 BUNNING, W. Design [of farmhouses] for privacy. Country Life [Sydney] 57(9): 16. Aug. 31, 1945. 286.85 Sy2

28346 BUNNING, W. Design [of farmhouses] for simple living. Country Life [Sydney] 57(10): 18. Sept. 7, 1945. 286.85 Sy2

28347 BUNNING, W. Two-storied houses. Country Life [Sydney] 57(8): 13. Aug. 24, 1945. 286.85 Sy2

28348 DARBY, B. T. How many homes? Farmer & Stock-Breeder 59: 1483. Sept. 18, 1945. 10 F228

28349 DOOLE, L. E. Where Nebraska farmers live. These homes are in Lancaster County. Nebr. Farmer 87(19): 5, 14, 16. Oct. 6, 1945. 6 N27

28350 FORSYTHE, R. Our new cozy thrift house. Business of Farming 4(1): 16-17. 1945. 6 B96

28351 GROSSWILER, C. A house that serves the family. Mont. Farmer 33(4): 18. Oct. 15, 1945. 6 M764

28352 MALBERT, A. R. Casa habitación para peones solteros. Hereford 11: 290-292. Aug. 1945. 43.8 H42

Argentina.

28353 MAST, C. An investment in better living. Business of Farming 4(3): 8-9. 1945. 6 B96  
Remodeling of farmhouses.

28354 MAST, C. It costs so little to do so much. Business of Farming 4(4): 16-17. 1945. 6 B96  
Remodeling of farmhouses.

28355 MAST, C. Modern lines for modern times. Business of Farming 4(2): 8-9. 1945. 6 B96  
Remodeling farmhouses.

28356 PHILLIPS, R. E. A small family house. Homes and Gard. 27(6): 30-31, 74. Nov. 1945. 318.8 Ou7

28357 PRICE, L. All on one floor. Here's a house specially designed for the life and work of a farm. Farm J. 66(11): 100. Nov. 1945. 6 F2212

28358 STEWART, L. Let your head save your heels. Business of Farming 4(4): 18-19. 1945. 6 B96  
Remodeling of kitchens.

28359 THOMAS, P. Re-arranged for convenient living. Business of Farming 4(1): 6-7. 1945. 6 B96

Farmhouse remodeling.

28360 WEAVER, A. D. A little remodeling brings new life. Nebr. Farmer 87(19): 8. Oct. 6, 1945. 6 N27

28361 WELCH, T. H. Planning rural housing. Mont. Farmer 33(4): 7, 15, 35. Oct. 15, 1945. 6 M764

28362 WYLIE, J. Introducing the dining room. Business of Farming 4(4): 20-21. 1945. 6 B96  
Remodeling.

#### Service Buildings

28363 ATKINS, H. Raising poultry. All Pets Mag. 16(17): 44. Oct. 1945. 48.8 A15  
Housing.

28364 BONFIELD, J. P. Combination hay rack and feed bunk. Business of Farming 4(4): 14. 1945. 6 B96

28365 BONFIELD, J. P. Double duty range shelter [for poultry]. Business of Farming 4(2): 7. 1945. 6 B96

28366 BONFIELD, J. P. New portable hog shade. Business of Farming 4(3): 11. 1945. 6 B96

28367 BONFIELD, J. P. Poultry house for hot weather. Business of Farming 4(3): 7. 1945. 6 B96

28368 BOTSFORD, H. E. Use the nest to clean the eggs. Northeast. Poultryman 44, i.e. 41(2): 20. Aug. 1945. 47.8 N44

28369 BROOMHEAD, W. W. Fold unit for layers. Poultry [London] 97: 184. Sept. 18, 1945. 47.8 P869

28370 CANTERBURY AGRICULTURAL COLLEGE. Dehorning, and construction of cattle yard, pen and crush. Canterbury Chamber Com. Agr. B. 194, 4 p. Christchurch, 1945. 23 C162

28371 CLINTON, F. Fire resistant shed. Business of Farming 4(2): 6. 1945. 6 B96

28372 COLLINSON, H. Patching the poultry houses. Mod. Poultry Keeping 53: 221. Sept. 26, 1945. 47.8 Eg3

28373 ENGEL, S. A. What can you pay for a dairy barn? Minn. Farm and Home Sci. [Minn. Sta.] 3(1): 9. Oct. 15, 1945. 100 M668

28374 GRANGE, C. Early October should see the pullets in lay. Getting the houses in good order is the first consideration. Smallholder 73(1852): 12. Sept. 14, 1945. 10 Sml

28375 GRANGE, C. There are five main poultry-farming systems - but is there a best? Smallholder 73(1853): 12. Sept. 21, 1945. 10 Sml  
Housing.

28376 HASTINGS, L. C. A new poultry house. Business of Farming 4(1): 11. 1945. 6 B96

28377 HAY, B. C. The machine shed and shop now the No. 1 farm building. Furrow, Indpl. - C [Ed.] 50: 4. May/June 1945. 6 F981

28378 HURD, L. M. Deep nests save time in cleaning eggs. Northeast. Poultryman 44, i.e. 41(2): 29. Aug. 1945. 47.8 N44

28379 IRVING, M. Bleeding bail. Queensland Agr. J. 61: 107-111. Aug. 1, 1945. 23 Q33  
For cattle.



- 28380 MALLANA VENTURA, S. Porqueriza para pequeñas labranzas. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. Hojas Divulg., v. 36, No. 42, 8 p. Madrid, 1944. 15 M68
- 28381 POLLARD, W. S. Dropping pits [for poultry]. Ark. Farmer 47(10): 15. Oct. 1945. 6 Ar42
- 28382 ROACH, W. Why a poultry catching crate? Canada Poultryman 32(9): 4-5, 19. Sept. 1945. 47.8 C166
- 28383 ROPER, W. L. Milk house a necessity on every dairy farm. Stock & Dairy Farmer 25(1): 3. Oct. 1945. 6 M8195
- 28384 SANCTUARY, W. C. Hot weather ventilation of poultry houses; hints. Northeast Poultryman 44, 1. e. 41(2): 20. Aug. 1945. 47.8 N44
- 28385 SMITH, E. Y. Poultry should be well housed. Business of Farming 4(4): 8. 1945. 6 B96
- 28386 SMOKEHOUSES and smoking. Natl. Provisioner 113(17): 8-9. Oct. 27, 1945. 286.85 N21
- 28387 SORRERO, L. R. Cuidados que requieren las lamparas de las incubadoras. Pampa Argentina 19 (216): 55. Aug. 1945. 9 P19
- 28388 STRAHAN, J. L. A method for designing insulation and ventilation for animal shelter buildings. Agr. Engin. 26: 407-412. Oct. 1945. 58.8 Ag83
- 28389 TURNILL, L. A cheap [poultry] house which can be made now. Poultry Farmer [London] 112(2933): 3. Sept. 7, 1945. 47.8 F312
- 28390 WEAVER, L. E. The catching hook for culling hens. Amer. Agr. 142(19): 16-17. Oct. 6, 1945. 6 Am3
- 28391 WELCH, H. Loafing shed for dairy cows. Mont. Farmer 33(3): 27. Oct. 1, 1945. 6 M764
- 28392 WYLIE, W. J. Sawmills dollars. Can you build a 700-bird poultry house for \$91? These folks did. Farm J. 69(11): 62-63. Nov. 1945. 6 F2212

#### Storage Structures

- 28393 BLAKELY, R. M. A practical basement storage room. Canad. Hort. and Home Mag. 68: 187, 190. Sept./Oct. 1945. 80 C16F
- 28394 CARTER, D. G., and HOLMAN, L. E. Soybean storage studies - 1944-45. Soybean Digest 5(11): 48, 70. Sept. 1945. 60.38 So9
- Structures.
- 28395 DECOUX, L., VANDERWAEREN, J., and SIMON, M. Le papier crêpe dans l'ensilage. Inst. Belge pour l'Amélior. de la Betterave. P. 12: 217-220. May/June 1944. 66.9 In7
- Summaries in French, Dutch, English, and German. Use of paper in the storage of sugar beet silage.
- 28396 GROSS, E. R. Performance of grain bin floors. Agr. Engin. 26: 417-420. Oct. 1945. 58.8 Ag83
- 28397 H., A. Från timmerstockar till AIV - silor. Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige 15(26): 7. June 30, 1945. 11 J762
- Prefabricated silos that came into use in Sweden during the war.
- 28398 KEATING, H. R. Filling the silo. West. Dairy J. 1(10): 10-11, 37. Aug. 1945. 44.8 W524
- 28399 KELLER, L. Storage worth looking into. Prog. Farmer, Tex. Ed. 60(11): 57. Nov. 1945. 6 T311
- 28400 MILLER, R. C. Do you have soft corn? Proper storage will save it, here's how. Ohio Farmer 196(8): 5. Oct. 20, 1945. 6 Oh3
- Buildings.
- 28401 OSSE, L. Estrumeiras. Parte VI - Elevadas e abertas. Rev. dos Criadores 16(9): 40-41. Sept. 1945. 43.8 B32
- 28402 WILKINSON, A. E. Storage for amateur gardeners. New England Homestead 118(19): 4, 15. Oct. 13, 1945. 6 N442

#### Farm Utilities

- 28403 BADER, A. K. No need to wait for running water. Capper's Farmer 56(11): 10, 33. Nov. 1945. 6 M693
- 28404 BLACK, J. J. Electricity on the small farm. Field 186: 247. Sept. 8, 1945. 10 F45
- 28405 BROWN, C. A. C. Vertical farm diversification: an American problem - and ours. Elect. Times 108: 392-393. Sept. 27, 1945. 335.8 E126
- Electricity on the farm.
- 28406 BURNETT, S. S. You'll use more water when it comes from faucets. Farm and Ranch 64(7): 19. July 1945. 6 T31
- 28407 HARTOGENSIS, H. Electricity for the farmer: what it means to industry. Printers' Ink 213(3): 42, 44, 48, 50, 52. Oct. 19, 1945. 238.8 P932
- 28408 HERLIS, A. J. Post-war house wiring. Elect. Times 108: 387-389. Sept. 27, 1945. 335.8 E126
- 28409 HOFF, P. R. Electric fans for ventilation. N. Y. Agr. Col. Ext. Poultry Farm Serv. Let., Sept. 29, 1945, p. 3. 275.29 N48P
- 28410 KALBFLEISCH, W. Electricity on the farm. Family Herald and Weekly Star 76(42): 3, 6. Oct. 17, 1945. 7 F21
- 28411 KUMMER, F. A. Running water - in purity and plenty. Prog. Farmer, Tex. Ed. 60(11): 15. Nov. 1945. 6 T311
- 28412 THE MIDWEST power story. Rural Electr. News 11(2): 4-5, 15. Oct. 1945. 173.2 R88Ru
- 28413 PETRI, M. C. Raising the KWH average. Rural Electr. News 11(2): 9, 22. Oct. 1945. 173.2 R88Ru
- 28414 RAMBO, E. K. Can we afford electricity? Ark. Farmer 47(10): 10, 15. Oct. 1945. 6 Ar42
- 28415 RASKATOV, A. P. Peredvizhnye elektrostani v vinogradarstve. Movable electric stations in viticulture. Vinodel. 1 Vinograd. SSSR 4(9): 39-40. Sept. 1944. 95.8 V77
- 28416 RUIZ, R. A. La electricidad en los campos agrícolas. Veritas 15: 694. June 15, 1945. 280.8 V58
- 28417 SMITH, L. Let the water do the running. Ohio Farmer 196(8): 18. Oct. 20, 1945. 6 Oh3
- 28418 STEWART, A. Farm electrification. Pub. Aff. 8: 223-227. Summer 1945. 280.8 P965
- 28419 TURNER, A. N. Domestic power installation. Elect. Times 108: 391-392. Sept. 27, 1945. 335.8 E126
- House wiring.
- 28420 TURNER, C. N. Automatic water supply in winter weather. N. Y. Agr. Col. Ext. Poultry Farm Serv. Let., Sept. 29, 1945, p. 4. 275.29 N48P
- 28421 U. S. PUBLIC HEALTH SERVICE. Rural water-supply sanitation. Recommendations of the Joint Committee on Rural Sanitation. Pub. Health Rpts. 185, 56 p. Washington, 1945. 151.65 P96S
- 28422 WESTINGHOUSE ELECTRIC CORPORATION. The whys and hows of lighting a home. What's New in Home Econ. 10(2): 193-208. Oct. 1945. 321.8 W55

#### Materials and Methods

- 28423 CONCRETE for better barnyards, barn floors. Milk Dealer 34(12): 47, 84, 86. Sept. 1945. 44.8 M595
- 28424 LAURIE, A. Glass for greenhouses. Ohio Engin. Expt. Sta. News 17(4): 26-27. Oct. 1945. 290.9 Oh3En
- 28425 MONTGOMERY, C. What every woman should know about painting. Business of Farming 4(2): 12-13. 1945. 6 B96



AGRICULTURAL PRODUCTS: PROCESSING,  
DISTRIBUTION, AND STATISTICS

GENERAL

28426 BRISTOL, W. M. Crop outlook. Wash. State Col. Ext. Timely Econ. Inform., No. 51, p. 3-f. Aug. 1945. 275.29 W27T

28427 BUNGENBERG DE JONG, H. L. The tragedy of Holland. Miller 71: 680, 682-683, 691. Oct. 1, 1945. 298.8 M61

The food situation during the war.

28428 CANADA. AGRICULTURAL SUPPLIES BOARD. Report, 1944/45, 36 p., processed. Ottawa, 1945. 281.9 C165

Agricultural Food Board, joint author.

"Together with reviews of activities of: - Dairy Products Board, Meat Board, Special Products Board." Includes data on the subsidy program.

28429 COSTA, A. DE S. A situação econômica e financeira do país. Brazil. Dept. Nec. do Café. DNC 25: 15-24. July 1945. 286.83 D44

Includes the position of coffee and cotton in the Brazilian economy.

28430 DOMINGO, J. Millones de seres hambrientos, en 1944; cientos de miles han muerto de hambre en Europa y Asia; América, continente privilegiado. Aliment. Nac. 3(39): 15-19, 42. Dec. 1944. 389.8 AL42

The food situation.

28431 FREEDOM from want; if this goal of the United Nations can be met in some degree this winter, the world will be on its way toward prosperity and peace. Consum. Guide 11(10): 6-8. Oct. 1945. 1.94 A422C

Food prospects.

28432 GUIMARÃES, A. P. Haverá no após-guerra melhor distribuição geográfica de produção? Rev. do Algodão 15(101): 13-15. June 1945. 72.8 R322

28433 HUDSON, J. F. Fresh provisions for the armed forces. Commonwealth 11(10): 10-12. Oct. 1944. 280.8 C732

28434 LEENT-SIEBURG, E. VAN. Java - land of plenty. Gt. Brit. and East 61(1750, Far East Issue): 76F-77F. Aug. 1945. 286.8 N27

Native food products.

28435 NATIONAL FOOD DISTRIBUTORS' ASSOCIATION. 1945 conference in print. Natl. Food Distrib. J., special issue, 1945, 72 p. 286.28 N212

Contents: A brighter future for the food distributor, by G. Schaefer; On post-war business, by W. E. Schwarzmann; Is there pay dirt right under your feet? by W. T. Hawkins; A look into the future, by Mrs. R. M. Kiefer; The cheese business - post war, by W. E. Wurtz; Intermediaries are important, by O. Vogl; Mayonnaise, by R. E. Graves; Post war sales possibilities of dehydrated vegetables, by J. Fardieck; V-J and the nut industry, by W. Weeks; Margarine, by F. J. Curtin; Immediate post-war outlook for the frozen food industry, by L. S. Martin; New standards of frozen foods, by J. Mowat; Review of fundamentals, by L. J. Schumaker; Potato chips, by R. V. Dancey.

28436 NOONAN, J. B. New crop industries for New England district [of New South Wales]. Hawkesbury Agr. Col. J. 42: 106, 114-115. Aug. 31, 1945. 276.8 H31

28437 PETERSON, A. W. Livestock and feed situation. Wash. State Col. Ext. Timely Econ. Inform., No. 51, p. 18-20. Aug. 1945. 275.29 W27T

28438 RAMÍREZ MENÉNDEZ, R. Función pública del Mapa Nacional de Abastecimientos [Spain]. Aliment. Nac. 3(39): 7. Dec. 1944. 389.8 AL42

28439 \*RUCHENA, MARQUÉS DE. Necesidad de conservar e incrementar la producción de tabaco, cáñamo, lino y otros productos adecuados, junto con los de la remolacha y patata en los cultivos de regadío. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 379-388. Madrid, 1945. 15 Sp12C

28440 SUAY, J. E. El problema de las subsistencias en El Salvador; movimiento de precios medios de substancias alimenticias en la plaza de San Salvador. Cán. de Com. e Indus. de El Salvador. B. 20(163): 10-12. July/Aug. 1945. 287 Sa3

28441 WALL, G. M. N. S. develops new products. Family Herald and Weekly Star 76(42): 6. Oct. 17, 1945. 7 F21

28442 WALLACE, H. A. Food ahead for the American people. Pacific Northwest Grocer & Meat Dealer 41(9): 76, 78. Sept. 1945. 286.28 P11

28443 WILLIAMS, E. W. It's merchandising from now on! The war is over - meat will become plentiful; more frozen foods of all types are coming on the market; what's the future for the locker plant? Quick Frozen Foods 8(2): 96-97. Sept. 1945. 389.8 Q4

ANALYSIS AND COMPOSITION

28444 BORMAN, E. K. Food-borne Salmonella infections—some practical facts and problems. N. J. Dept. Health. Pub. Health News 27: 299-305. Aug. 1945. 449.7 N46P

28445 BRUENING, C. F. Determination and detection of dichloroacetic acid in food products. Assoc. Off. Agr. Chem. J. 28: 620-627. Aug. 15, 1945. 381 As7

28446 FISCHBACH, H. Low pressure-low temperature system for decomposition studies in food. Assoc. Off. Agr. Chem. J. 28: 639-643. Aug. 15, 1945. 381 As7

28447 HAUSER, G. H., TREUTING, W. L., and BREIFFELH, L. A. An outbreak of food poisoning due to a new etiological agent—Salmonella berta. Pub. Health Rpts. 60: 1138-1142. Sept. 28, 1945. 151.65 F96

28448 KERTESZ, Z. I. Color is important. Calif. Cult. 92: 505, 513. Sept. 29, 1945. 6 C12

In food.

28449 REIFER, I., and MANGAN, J. L. A rapid determination of sulphur dioxide in dehydrated foods. New Zeal. J. Sci. and Technol. Sect. A, Agr. 27(1): 57-64. June 1945. 514 N48A

28450 SIMEONE, D. H. Intoxicaciones alimenticias producidas por salmonellas. Suelo Argentino 4: 588, 607-608. Sept. 1945. 9 Su2

CONSUMPTION AND UTILIZATION

28451 PENROSE, G. L. Digest of address [on the National Farm Chemistry Council]. Oreg. Seed Growers League. Proc. (1945) 4: 13-14. 61.9 Or3

DISTRIBUTION, MARKETING, AND TRANSPORTATION

28452 AGUILAR URANGA, M. Las cuotas de transporte en embarques de menos de carro. Rev. de Econ. 8(9): 21-23. Sept. 15, 1945. 280.8 R3293

Freight rates in Mexico for agricultural products.

28453 ARIRON, E. E. Memorandum on municipal marketing to be submitted to the Markets and Abattoir Committee of Durban City Council. Home and Country [Durban] 4(51): 5. Aug. 1945. 281.28 H754

28454 ASSIS, J. DE. Cooperativismo doutrina revolucionaria. Coop [Bahia] 4(37): 5-6. Sept. 1944. 280.28 C7842

Notes attempts at diminishing agricultural surpluses in various countries during 1930-36.

28455 CALIFORNIA. DEPT. OF AGRICULTURE. BUREAU OF MARKET NEWS. Annual report for the calendar year of 1944, Federal-State Market News Service. 28 p., processed. n. p., 1945. 280.39 C128

28456 CORBALEY, G. C. Food retailing in after war prosperity. South. Calif. Grocers J. 32(35): 23, 58, 62-63. Sept. 21, 1945. 286.28 So82



28457 FAST, B. The place of self-service equipment in post-war food markets. South. Calif. Grocers J. 32(35): 41, 86, 95. Sept. 21, 1945. 286.28 So82

28458 FIGUEIREDO, B. L. Bolsas de mercadorias, sua utilidade e finalidades. Ouro Branco 11(1): 9-13. Apr. 1945. 72.8 Ou7

28459 GONZALEZ, J. A. Tarifa de transportes y servicios conexos. Mex. Iir. de Econ. Rural. B. Mens., No. 232, p. 793-796. Sept. 1945. 254.5 Ag83 Agricultural products.

28460 HYNES, H. J. Markets and marketing in peacetime; influence of farmers in efficient control; problems awaiting solution. Primary Prod. [Sydney] 22(35): 1. Aug. 31, 1945. 23 P93

28461 JOHNSTONE, E. A. Markets this fall [Canada]. West. Farm Leader 10: 310. Oct. 5, 1945. 280.28 W52

28462 PENSINGER, C. R. The merchandising of frozen food in the department store. West. Frozen Foods 6(11): 3-4. Sept. 1945. 389.8 W523

28463 R., C. M. Markets. Home and Country [Durban] 4(51): 7. Aug. 1945. 281.28 H754

28464 SILVA SANCHEZ, R. La vialidad en el desarrollo de la agricultura. Sementera (ser. 2) No. 2, p. 43-44. May 28, 1945. 9.5 Se5

Importance of means of transport in agricultural development.

28465 WHITLOCK, R. The ancient market town of Ringwood [England]. Field 186: 216-217. Sept. 1, 1945. 10 F45

28466 WILLIAMS, E. V. Need of complete frozen food protection emphasized. Quick Frozen Foods 8 (2): 48-49, 69. Sept. 1945. 389.8 Q4  
Protection in the marketing process.

28467 WILLIAMS, E. V. Visualize big frosted food profits. Super Market Merchandising 10(10): 84-87. Oct. 1945. 389.8 Su7

#### GRADING, INSPECTION, STANDARDIZATION, AND QUALITY

28468 FORBES, J. W. Presidential address on food and drug control. Assoc. Food & Drug Off. U. S. Q. B. 9: 86-88. July 1945. 389.9 As7Q

28469 HASKEL, M. Factors influencing the quality of agricultural products. (In Hebrew.) Has-sadeh 25: 456-460. (To be cont.) July 1945. 26 H27

28470 HOTCHKISS, G. B. Some fundamental objections to mandatory A B C grades. J. Mktg. 10: 128-134. Oct. 1945. 280.38 J82

28471 ROESCH, L. What will standardization do to labels? Glass Packer 24: 756-757. Oct. 1945. 309.8 Q463

28472 SCOTLAND. DEPT. OF HEALTH. Summary report, 1944/45, 25 p. Edinburgh, 1945. (Cmd. 6661) 449.9 Sco8

Section on supervision of milk supplies and slaughterhouse and meat inspection.

#### PACKING AND PACKAGING

28473 BRYCE, W. A., and TESSIER, H. A simple method of sealing gas- or vacuum-packed tins. Canad. J. Res. Sect. F, Technol. 23: 304-305. Sept. 1945. 470 C16F

28474 HODDER, C. V. Post-war developments in paper boxes. Food in Canada 5(9): 27-28. Sept. 1945. 389.8 F7323

28475 NAIR, J. H. The search for the perfect food package. (Condensed.) Spice Mill 68(10): 42. Oct. 1945. 389.8 Sp4

28476 1945 packaging directory. Food in Canada 5(9): 57-84. Sept. 1945. 389.8 F7323

28477 OSWIN, C. R. The kinetics of package life. II. The temperature factor. Soc. Chem. Indus. J. 64: 224-225. Aug. 1945. 382 M31

Resistance to water of regenerated cellulose wrappings.

28478 SHUTTLEWORTH, P. O. Wrapping and packaging materials for frozen food lockers. Refrig. Engin. 50: 311-312. Oct. 1945. 295.9 Am32J

#### PRICES, PRICE CONTROL, AND RATIONING

28479 BOWLES, C. Price control and rationing in reconversion period. Pacific Northwest Grocer & Meat Dealer 41(9): 26, 28. Sept. 1945. 286.28 P11

28480 CURTISS, W. M. Prices after the war. Nation's Agr. 20(9): 6, 19-21. Oct. 1945. 280.82 B89

28481 HERNÁNDEZ H., A. La cuestión de los precios y la inflación. Cuba. Min. de Com. Rev. Ofic. 3(52): 14-25. Sept. 1945. 280.9 C91  
Includes index numbers for food costs.

28482 HOGE, O. S. Owen Hoge discusses important question of price controls. Wyo. Stockman-Farmer and Wyo. Indus. J. 51(10): 2. Oct. 1945. 6 W992

28483 HURWITZ, N. The minimum price policy: the war has emphasized price functions. Farmer [Pietermaritzburg] 34(36): 8; (37): 8. Sept. 7, 14, 1945. 24 F227

28484 MACDONALD, B. A. Belgium a year after liberation. Canada. Dept. Trade and Com. Com. Intel. J. 73: 345-352. Oct. 13, 1945. 286.8 C16

Includes retail food prices.

28485 \*MALHOTRA, P. C. A policy of stabilization of agricultural prices. Indian J. Econ. 26 (11): 112-116. July 1945. 280.9 In22

28486 MOORE, A. Coming battle over parity; economists say it should be changed and their contest papers tell why. Prairie Farmer, Ind. Ed. 117(21): 10. Oct. 13, 1945. 6 P883C

28487 PRADO, O. DE A. O custo das diversas produções agrícolas. Rev. Rural Bras. 25(299): 26. July 1945. 9.2 B733

Price fixing.

28488 ROTWEIN, N. Post-World War I price movements and price policy. J. Polit. Econ. 53: 234-257. Sept. 1945. 280.8 J82

Includes reference to food prices and cost of living.

#### PROCESSING AND STORAGE

28489 ADAMS, J. R. Frosted foods solve hotel's program. Ice Cream Field 46(3): 40. Sept. 1945. 389.8 Ic23

28490 BERTULLO, W. A. Perspectivas industriales en Tacuarembó. Uruguay Indus. 1: 95-96. Mar./Apr. 1945. 280.8 Ur8

Includes industries processing agricultural products.

28491 BULL, S. Reconversion of the locker industry. Quick Frozen Foods 8(2): 95, 107. Sept. 1945. 389.8 Q4

28492 GATHCART, W. H. Frozen bakery products. Baker's Digest 19: 122-124, 126, 128. Oct. 1945. 389.8 S11

28493 COMMISSARY develops frozen pies and meats. Quick Frozen Foods 8(2): 57, 80. Sept. 1945. 389.8 Q4

Cease Commissary Service, Dunkirk, N. Y.

28494 CUENCA, C. M. (HIJO). Preparación de los productos de chacra para consumo familiar. Chacra 15(179): 31, 40. Sept. 1945. 9 C34

28495 HAGEN, R. M. Frozen foods -- 1945 to 1950. South. Calif. Grocers J. 32(35): 47, 84. Sept. 21, 1945. 286.28 So82



28496 HAMMOND, L. D. Report on drying methods. Assoc. Off. Agr. Chem. J. 28: 534. Aug. 15, 1945. 381 As7

28497 HART, F. L. Report on frozen desserts. Assoc. Off. Agr. Chem. J. 28: 600-606. Aug. 15, 1945. 381 As7

28498 HAWK, E. P. Canned fruits and vegetables ... summary, 1945-46 outlook. U. S. Bur. Foreign and Dom. Com. Indus. Rpt. Canned Fruits and Veg., July 1945, 45 p., processed. Washington, 1945. 157.54 In25C

U. S. Office of Price Administration, Food Rationing Division and the U. S. Bureau of the Census, Business Division cooperating.

28499 MASTERMAN, N. K. Using the home freezer. Part III. Quick Frozen Foods 8(2): 98-99. Sept. 1945. 389.8 Q4

Includes kinds of foods stored in freezers.

28500 PALM, G. The consumer looks at frozen foods. Quick Frozen Foods 8(2): 59, 76. Sept. 1945. 389.8 Q4

28501 PRATT, R. L. A letter on the canned food situation. South. Calif. Grocers J. 32(35): 35, 73, 90. Sept. 21, 1945. 286.28 So82

28502 PURSER, R. Freezing our farm foods; new ideas for the preservation of foodstuffs should broaden the [Canadian] market for farm crops. Family Herald and Weekly Star 76(43): 5, 6. Oct. 24, 1945. 7 F21

28503 QUICK freezing first task of reconversion in Arkansas. Quick Frozen Foods 8(2): 101. Sept. 1945. 389.8 Q4

28504 SANDOR, I. Freezing beef stew through quality control. Quick Frozen Foods 8(2): 56. Sept. 1945. 389.8 Q4

28505 SMALL, J. Una breve historia de la refrigeración. Res 13: 18083-18084. Sept. 20, 1945. 286.85 R31

28506 SMITH, M. A sound frozen food business is built by a Mid-west ice cream manufacturer. Ice Cream Field 46(3): 42-43, 46, 48. Sept. 1945. 389.8 Ic23

28507 STUCKEY, H. P. Some problems ahead. South. Agr. 75(10): 25. Oct. 1945. 6 So83

Processing of agricultural products.

28508 WILLIAMS, E. W. From Seattle to San Diego; a review of a seven weeks' trip studying commercial freezing on the West Coast. Part II. Quick Frozen Foods 8(2): 50, 68, 105. Sept. 1945. 389.8 Q4

#### STATISTICS

28509 DENMARK. STATISTISKE DEPARTEMENT. Landbrugsstatistik 1943. Danmarks Statist. Meddel. (ser. 4), v. 123, No. 1, 208 p. København, 1944. 257.1 St2M

Title and tables of contents also in French. Agricultural statistics.

28510 DENMARK. STATISTISKE DEPARTEMENT. Statistisk aarbog, 1944, 310 p. København, 1944. 257.1 St2

In Danish and French.

Includes agricultural statistics.

28511 DI TELLA, T. La inflación y su influencia en los gastos particulares. Rev. de Econ. Argentina 44: 333-340. July 1945. 280.8 R325

Statistics of wages and food consumption.

28512 FLORIDA. STATE MARKETING BUREAU. Annual fruit and vegetable report; production, transportation and marketing analysis, 1944-45 season (also poultry, egg, tobacco and livestock statistics), by F. E. Scruggs, 86 p., processed. Jacksonville, 1945. 280.39 F662A

28513 \*ICELAND. HAGSTOFA. Verzlunarskýrslur árið 1943. Hagskýrslur Íslands. Verzlunarskýrslur 117, 102 p. Reykjavík, 1944. 257.12 H12V

In Icelandic and French.

Includes statistics of food.

28514 LEAGUE OF NATIONS. ECONOMIC INTELLIGENCE SERVICE. Annuaire statistique de la Société des Nations, No. 17, 1942/44, 315 p. Genève, 1945. (Série de Publications de la Société des Nations. II. Questions Économiques et Financières, 1945-II.A.5) 280.9 I47P

Text in French and English. Includes production statistics for agricultural products.

28515 LOPEZ MUÑOZ, L. Labores de la Dirección General de Estadística y Censos. Ecuador. Dir. Gen. de Estadis. y Censos. Trimest. Estadis. del Ecuador 1(1): 3-6. May 28, 1945. 255.5 Ec96T

Includes agricultural statistics.

28516 PADILLA, E. El mercado de las subsistencias. Rev. de Econ. 8(9): 16, 18. Sept. 15, 1945. 280.8 R3293

Statistics of production of agricultural products in Mexico.

28517 \*SPAIN. DIRECCIÓN GENERAL DE ESTADÍSTICA. Zona de Protectorado y de los Territorios de Soberanía de España en el Norte de África; anuario estadístico, 1942, 398 p. Madrid, 1943. 263 Es8Z

28518 SWEDEN. STATISTISKA CENTRALBYRÅN. Arealinventeringen, kreatursräkningen och trädgårdsinventeringen den 1 juni 1943, 173 p. Stockholm, 1944. 257.3 St2Ar

Acreage, livestock, and horticultural statistics.

28519 \*SWEDEN. STATISTISKA CENTRALBYRÅN. Jordbruk och boskapsskötsel år 1944, 80 p. Stockholm, 1945. 257.3 St2J

In Swedish and French.

Statistics of agriculture and animal industry.

#### BEVERAGES AND CONDIMENT'S

28520 AMERICAN SOCIETY OF BREWING CHEMISTS. SUBCOMMITTEE ON MALT. Report... annual check analyses. Mod. Brewery Age 34(3): 73-74. Sept. 1945. 390.8 M72

28521 ANDRADE, T. DE. O plano cafeeiro para a próxima safra. Brazil. Dept. Nac. do Café. DNC 24: 773-776. June 1945. 286.83 D44

28522 ARANA, F. E. The vanilla bean. I. Influence of processing method on flavor quality. Food Mater. and Equip. 5(10): 3, 16. (To be cont.) Oct. 1945. 389.3 F7393

28523 BENEFICIO del grano del café. Café de El Salvador 15: 151-154. Apr. 1945. 68.28 C112

28524 \*CARRIÓN, P. El gas sulfuroso en vinificación. Spain. Min. de Agr. Seco. de Pub., Prensa y Propag. Hojas Divulg., v. 36, No. 43, 12 p. Madrid, 1944. 15 H68

28525 CONRAD, W. J. The packaging of beer for overseas shipment. Mod. Brewery Age 34(3): 53-54. Sept. 1945. 390.8 M72

28526 \*EGOROV, A. A. Vossozdanie massandrovskikh vin [Restoration of "Massandra" wines]. Vinodel. i Vinograd. SSSR 4(12): 5-6. Dec. 1944. 95.8 V77

28527 GAMBLE, R. Fancy the idea of home-made mead? Smallholder 73(1853): 18. Sept. 21, 1945. 10 Sml

28528 \*GLOBA, A. G. Institut "Magarach" v Krymu [Institut "Magarach" in the Crimea]. Vinodel. i Vinograd. SSSR 4(12): 7-10. Dec. 1944. 95.8 V77

Research in viticulture and in wine production.

28529 GRAY, P. P. Report on fermentable extract in brewing sugars and sirups. Assoc. Off. Agr. Chem. J. 28: 441-444. Aug. 15, 1945. 381 As7

28530 GUINNESS in the making; a short account of the brewing of a famous beverage. Part 2. Food [London] 14: 235-238. Sept. 1945. 389.8 F738



- 28531 HINTON, C. L. Cocoa and chocolate products; an explanation of the new United States standards. Food [London] 14: 256-258. Oct. 1945. 389.8 F738
- 28532 JACOBS, M. B. Solvents for the flavor industry. Amer. Perfumer and Essential Oil Rev. 47 (10): 53-54. Oct. 1945. 308.8 Am3
- 28533 \*KANDELAKI, V. A. Vosstanovlenie vina Khvanchkara [Restoration of the wine "Khvanchkara"]. Vinodel. i Vinograd. SSSR 4(9): 17. Sept. 1944. 95.8 V77
- 28534 \*KOROTKEVICH, A. V. Slozhnye efiry v vine Vinodel. i Vinograd. SSSR 4(12): 24-26. Dec. 1944. 95.8 V77
- Wine chemistry.
- 28535 KOSOVCHENKO, P. M. Poteri pri khraneni vina [Losses during wine storage]. Vinodel. i Vinograd. SSSR 4(9): 17. Sept. 1944. 95.8 V77
- 28536 \*KOTLIARENKO, M. R. Izmerenie ob"ema vinogradnykh vin [Measuring the volume of grape wines]. Vinodel. i Vinograd. SSSR 4(9): 15-16. Sept. 1944. 95.8 V77
- 28537 LAUFER, S. Report on brewing sugars and sirups, wort, spent grains, and yeast. Assoc. Off. Agr. Chem. J. 28: 435-441. Aug. 15, 1945. 381 As7
- 28538 LEWINSOHN, R. Que bebem os Russos? Brazil. Dept. Nac. do Café. DNC 25: 9-14. July 1945. 286.83 D44
- 28539 \*LÜTHI, H. Anwendung und vermehrung der reinhefe. Schweiz. Z. f. Obst- u. Weinbau, No. 18, p. 321-327. Sept. 1, 1945. 80 Sch9
- 28540 MEMORANDUM: actividades de la Oficina Panamericana del Café. Café de El Salvador 15: 158-161, 170. (Cont.) Apr. 1945. 68.28 C112
- 28541 \*MESTRE, A. Trasiegos. Cult. Mod. 28: 54. Feb. 1945. 15 C89
- Decanting of wine.
- 28542 \*MYZNIKOVA, S. Obrabotka vina bentonitom [Treatment of wine with bentonite]. Vinodel. i Vinograd. SSSR 4(9): 13-14. Sept. 1944. 95.8 V77
- 28543 NÓBREGA, A. O ouro verde na terra de Iracema. II. Brazil. Dept. Nac. do Café. DNC 25: 51-54. July 1945. 286.83 D44
- 28544 OFFUTT, M. L. Report on fat in milk chocolate or cacao. Assoc. Off. Agr. Chem. J. 28: 482-483. Aug. 15, 1945. 381 As7
- 28545 OLIVERAS MASSÓ, C. La pasteurización y la pasteurización de los vinos. Vinos, Viñas y Frutas 41: 102-106. Aug. 1945. 9 Ag89
- 28546 \*PEYER, E., and HUBER, H. Weinlese und verarbeitung der träuben. Schweiz. Z. f. Obst- u. Weinbau, No. 18, p. 327-334. Sept. 1, 1945. 80 Sch9
- 28547 POSTER, H. Coloración del vino. Vinos, Viñas y Frutas 41: 96, 98. Aug. 1945. 9 Ag89
- 28548 \*PREOBRAZHENSKIĬ, A. A. Nizkie temperatury pri pervichnom vinodelii. Vinodel. i Vinograd. SSSR 4(12): 22-24. Dec. 1944. 95.8 V77
- Wine manufacture.
- 28549 PROSTOSERDOV, N. M. Zakon o vinogradnom vine [A law on grape wine]. Vinodel. i Vinograd. SSSR 4(12): 26. Dec. 1944. 95.8 V77
- 28550 \*RADOPULO, A. K. Izmenenie OV potentsiala i količestva rastvorennogo kisloroda v vinomaterialakh pri shampinizatsii. Vinodel. i Vinograd. SSSR 4(9): 3-7. Sept. 1944. 95.8 V77
- Chemical changes in fermented wines during the champagnizing process.
- 28551 REIS, A. C. F. Origens, esplendor e decadência da cultura cafeeira na Amazonia. III. Brazil. Dept. Nac. do Café. DNC 25: 47-50. July 1945. 286.83 D44
- 28552 ROHDE, H. W. Report on beer. Assoc. Off. Agr. Chem. J. 28: 445-447. Aug. 15, 1945. 381 As7
- 28553 SCHWEISHEIMER, W. Spices used in perfumes. Spice Mill 68(10): 47-48. Oct. 1945. 389.8 Sp4
- 28554 STEELE, C. F. Mustard - a new prairie crop [in Canada]. Country Guide 64(10): 47. Oct. 1945. 7 G76
- Brief survey of the industry.
- 28555 \*STEPANOV, B. Z. Sezon vinodeliia na Ashkhabadskom vinzavode No. 1 [Wine-making season at the Ashkhabad wine factory No. 1]. Vinodel. i Vinograd. SSSR 4(9): 41. Sept. 1944. 95.8 V77
- 28556 \*TANDON, R. L. Preparation of carbonated citrus fruit beverages. Punjab Fruit J. 5: 990-994. July 1941. 80 P962
- 28557 TORRES GAITÁN, R. Al margen de la Conferencia Interamericana del Café. Rev. de Econ. 8(9): 8-15. Sept. 15, 1945. 280.8 R3293
- Includes costs of production in Vera Cruz, prices on the United States market, the international situation, elasticity of demand, and the European market.
- 28558 \*VALLES SITGES, J. Estabilización y limpieza de los vinos por los efectos del calor y del frío. Cult. Mod. 28: 85-87. Mar. 1945. 15 C89
- 28559 LA VIGILANCIA de la fermentación de los vinos, by "Vinicus." Vinos, Viñas y Frutas 41: 108. Aug. 1945. 9 Ag89
- 28560 \*VINODELIE i vinogradarstvo na Ukraine [Wine-making and viticulture in the Ukraine]. Vinodel. i Vinograd. SSSR 4(9): 42-43. Sept. 1944. 95.8 V77
- Contents: 1. Mezoblastnoe soveshchanie po vinodelii i vinogradarstvu [Inter-regional conference on wine-making and viticulture]. 2. Ukrainskii nauchno-issledovatel'skii institut im. V. E. Tairova pristupit k rabote [The Ukrainian Scientific-Research Institute in the name of V. E. Tairov is set to work].
- 28561 WADE, B. F. Redwood tanks in the winery. Wines & Vines 26(9): 25-26. Sept. 1945. 95.8 C122
- 28562 WILSON, J. B. Report on flavors and non-alcoholic beverages. Assoc. Off. Agr. Chem. J. 28: 504-505. Aug. 15, 1945. 381 As7
- 28563 WINKLER, W. O. Report on cacao products. Assoc. Off. Agr. Chem. J. 28: 478-482. Aug. 15, 1945. 381 As7
- 28564 WOOD, B. The good aspects and the bad in the tea picture today. Spice Mill 68(10): 35, 37. Oct. 1945. 389.8 Sp4
- 28565 WOOD, B. The tea outlook for the near future. Tea & Coffee Trade J. 89(4): 15, 32. Oct. 1945. 68.8 T22

## DAIRY PRODUCTS

- 28566 \*AGENJO CECILIA, C. La producción lechera y su mejora. In Spain. Min. de Agr. Conf. Promovidas en la Emisión Radio Agr., p. 433-440. Madrid, 1945. 15 Spl2C
- 28567 ALAYZA GRUNDY, L. La moderna industria lechera. Agronomía [Lima] 10(40): 65-69. Apr. 1945. 9.8 Ag83
- 28568 ANDERSON, C. F. [Dairy] production must be kept up—essential in building a good peace; 15% increase possible. Calif. Dairyman 25(15): 36-37. Sept. 15, 1945. 44.8 C12
- 28569 ARMSTRONG, J. T. Dairy production targets. Tasmanian J. Agr. 16: 81-84. Aug. 1, 1945. 23 T182T
- 28570 BLALOCK, B. Can the dairy industry make its own decisions? Texas leader asks some pointed questions about post-war behavior. Pacific Dairy Rev. 49(10): 14, 31. Oct. 1945. 286.85 P11
- 28571 BLALOCK, B. Where do we go from here? South. Dairy Prod. J. 38(4): 20. Oct. 1945. 44.8 So83
- Dairy industry in the postwar period.



28572 BROWN, H. L. War over but not milk need; sustained dairy production averts food shortage. Fla. Grower 53(10): 19, 22. Oct. 1945. 80 F6622

28573 CONNELLY, R. G. Virginia dairy industry progresses. South. Dairy Prod. J. 38(4): 92-93. Oct. 1945. 44.8 So83

28574 DAHLE, C. D. Production limited by scarcity of sugar. Ice Cream Field 46(3): 13, 35. Sept. 1945. 389.8 Ic23

28575 DAVIES, J. L. The production, marketing and supply of milk. Nutr. Soc. Proc. 2: 123-137. 1944. 389.9 N953  
Great Britain.

28576 \*ESTEVEZ, E. M. Alguns aspectos económicos da organização da indústria de laticínios. Rev. de Med. Vet. [Lisboa] 40(312): 44-53. Jan./Apr. 1945. 41.8 R3215

28577 HIBBEN, R. C. "Yes, I said a billion." Pacific Dairy Rev. 49(10): 12, 26, 30. Oct. 1945. 286.35 P11

Increasing the production of ice cream.

28578 LANGTON, H. M. Milk and the dairy industry; comments on some recent reports and papers. Food [London] 14: 228-230. Sept. 1945. 389.8 F738  
Great Britain.

28579 MATTICK, A. T. R. Bacteriological aspects of milk processing and distribution. Nutr. Soc. Proc. 2: 141-149. 1944. 389.9 N953

28580 MILLER, J. D. History of the Dairymen's League. Dairymen's League News 29(10): 5, 20; (12): 5; (13): 5; (14): 7; (15): 5; (16): 5; (17): 5; (18): 5; (19): 5; (20): 5; (21): 5, 15; (22): 7, 20. (Cont.) May 8, June 5-Oct. 23, 1945. 44.8 D1432

28581 MORAIS, J. DE M. Leite e mais leite. Rev. dos Criadores 16(9): 18-19. Sept. 1945. 43.8 R32  
Brazil.

28582 NICORA, C. D. Moldes... La evolución hacia el tambo asentó su porvenir. Rev. Mens. B. A. P. 28(334): 33-47. Sept. 1945. 9 R326

28583 PHILLIPS, G. M. The National Milk Testing and Advisory Scheme. Welsh J. Agr. 18: 97-102. July 1945. 10 W46

28584 POMPA, A. Ice-cream problems; discussions on standards, ingredients and recipes. Food [London] 14: 266-267. Oct. 1945. 389.8 F738

28585 \*POZO, C. DEL. Las producciones de la oveja - la leche. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 185-192. Madrid, 1945. 15 Spl2C

28586 \*POZO, C. DEL. Productos del ganado vacuno - la leche. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 293-300. Madrid, 1945. 15 Spl2C

28587 PROBLEMAS que se plantean a la explotación tambera. Campo [Buenos Aires] 29(346): 17. Aug. 1945. 9 C15

Argentina.

28588 RIBEIRO, J. DE A. Situação da indústria de manteiga [Brazil]. Rev. dos Criadores 16(9): 8-12. Sept. 1945. 43.8 R32

28589 \*RÍO, A. DEL. Supersticiones sobre la leche. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 361-368. Madrid, 1945. 15 Spl2C

From the standpoint of the consumer.

28590 RISHER, F. W. Dairying in Florida. For Sale, Want and Exch. B. 5(2): 1. Oct. 15, 1945. 280.38 F74

28591 ROTHE, G. Mile long parade of cows monthly. Calif. Dairyman 25(15): 5, 46. Sept. 15, 1945. 44.8 C12

Dairy industry in California.

28592 TATOR, S. W. Still more milk needed this fall. Mass. State Col. Ext. Mass. Dairy Digest, Sept. 17, 1945, p. 3-4, processed. 275.29 M381md

28593 TURNER, R. M. Dairying. Wash. State Col. Ext. Timely Econ. Inform., No. 51, p. 13-16. Aug. 1945. 275.29 W27T

Situation and outlook.

28594 VITORIA, J. C. La organización de las zonas de abastecimiento de las fabricas de productos lácteos, como factor de progreso. Argentina. Dir. de Lechería. B. 13, p. 145-146, processed. May 1945. 281.3449 Ar3

#### Analysis and Composition

28595 BARNETT, L. G. A cause of "gassy" milk traced; value of the fermentation test. Agr. Gaz. N. S. Wales 56: 370. Aug. 1, 1945. 23 N472

28596 DODDS, C. L. Laboratory procedures and records. South. Dairy Prod. J. 38(4): 110-111. Oct. 1945. 44.8 So83

Tests for bacteria in milk.

28597 GIBBARD, J. Laboratory of Hygiene method for the determination of the weight and volume of ice cream bricks. J. Milk Technol. 8: 264-265. Sept./Oct. 1945. 44.8 J824

At the Department of National Health and Welfare, Canada.

28598 GOULD, I. A. Variations in the fat test of milk. Guernsey Breeders' J. 68: 537-538, 556. Sept. 15, 1945. 43.8 G93

28599 JENNESS, R., and PALMER, L. S. Substances adsorbed on the fat globules in cream and their relations to churning. VI. Relation of the high-melting triglyceride fraction to butterfat and the "membrane." J. Dairy Sci. 28: 653-658. Sept. 1945. 44.8 J822

From thesis (Ph. D.) of senior author - University of Minnesota.

28600 LIVAK, C. W., and DOAN, F. J. The determination of total solids in dairy products by drying with forced heated air. I. Results with milk, skim milk, cream, condensed milk, condensed skim milk and evaporated milk. J. Dairy Sci. 28: 711-720. Sept. 1945. 44.8 J822

28601 LÓPEZ DUEÑAS, D. Examen de las leches. Campo [Buenos Aires] 29(346): 18-19, 31, 63. Aug. 1945. 9 C15

28602 MACDONALD, F. J. Determination of the original freezing-point of sour milk. Analyst 70: 323-326. Sept. 1945. 322 Anl

28603 MERZARI, A. H. Microorganismos productores de coloraciones rojizas de importancia en la industria lechera. Argentina. Dir. de Lechería. B. 12, p. 117-119, processed. Apr. 1945. 281.3449 Ar3

28604 MUNSEY, V. E. Report on milk solids and butterfat in bread. Assoc. Off. Agr. Chem. J. 28: 496. Aug. 15, 1945. 381 As7

28605 PYENSON, H., and TRACY, P. H. Ice cream with reduced sugar content. Ice Cream Trade J. 41 (9): 30, 32, 72-73. Sept. 1945. 389.8 Ic2

28606 RAMSDELL, G. A. Determination of glucose, galactose, and lactose in their mixtures. J. Dairy Sci. 28: 671-676. Sept. 1945. 44.8 J822

28607 RENNER, K. M. Testing sour cream for extraneous matter. South. Dairy Prod. J. 38(4): 64-68. Oct. 1945. 44.8 So83

28608 SANDERS, G. P., and SAGER, O. S. Development of a phosphatase test applicable to Cheddar cheese. Assoc. Off. Agr. Chem. J. 28: 656-675. Aug. 15, 1945. 381 As7

28609 THOMAS, S. B., and others. The routine resazurin test. Welsh J. Agr. 18: 81-95. July 1945. 10 W46

28610 ULVIN, G. B., and CREE, N. F. Standard plate counts on whole raw milk and on the raw cream and raw skimmed milk obtained from it. J. Milk Technol. 8: 257-258. Sept./Oct. 1945. 44.8 J824



28611 ZIMMERMAN, H. F. High vs. low test milk. Jersey B. 64: 1273, 1334-1335. Sept. 20, 1945. 43.8 J48

#### Consumption and Utilization

28612 HIBBEN, R. C. Ice cream plays vital role in absorbing surplus milk. Mod. Dairyman 7(2): 2. Oct. 1945. 44.8 M72

28613 LECHE CASTELLANOS, A. Caseína. Guatemala. Dir. Gen. de Agr. Rev. Agr. (ser. 2) 1: 449-453. May 1945. 8 G934

Utilization of skimmed milk casein.

28614 MOSELY, L. A. Don't waste butterfat. So. African Dairyman 7: 189. Sept. 1945. 44.8 S822

#### Distribution, Marketing, and Transportation

28615 BELL, E. W. Every-other-day milk delivery. Mass. State Col. Ext. Mass. Dairy Digest, Sept. 17, 1945, p. 4, processed. 275.29 M381Md

28616 DUFFIELD, H. T. Future of milk transport in the balance. (Sum.) Milk Indus. 26(4): 62-63. Oct. 1945. 44.8 M593  
Great Britain.

28617 EASTLACK, J. O. Cost of milk distribution. Moos 6(3): 11. Oct. 1945. 44.8 M78

28618 HENDERSON, H. B. Marketing milk for manufacturing purposes. South. Dairy Prod. J. 38(4): 84, 86, 88. Oct. 1945. 44.8 S83

28619 THACKER, W. C. Postwar milk delivery problems. South. Dairy Prod. J. 38(4): 58-59. Oct. 1945. 44.8 S83

28620 THREE-YEAR analysis of wartime sales. Ice Cream Trade J. 41(9): 38, 40, 62, 64. Sept. 1945. 389.8 Ic2

28621 WINTERS, R. P. News of the milk co-op. Moos 6(3): 7. Oct. 1945. 44.8 M78

#### Grading, Inspection, Standardization, and Quality

28622 ABBOTT, F. H. Why color of butter is standardized. Certified Milk 20(233): 5, 16. Sept. 1945. 44.8 C33

Also in Pacific Dairy Rev. 49(10): 20. Oct. 1945. 286.85 P11

28623 BIRD, E. W. Standardization of butter composition. Creamery J. 56(10): 8, 32. Oct. 1945. 44.8 C86

28624 KROOK, J. G. It pays to preserve and to improve cream quality. Farmer [Pietermaritzburg] 34(37): 18. Sept. 14, 1945. 24 F227

28625 MATTSON, C. H. New grading and payment program for milk and cream. Land O'Lakes News 25(9): 12. Sept. 1945. 44.8 L22

28626 \*NAI, D. D. Per un più ampio controllo sanitario di tutto il latte alimentare. Clin. Vet. 63: 165-173. May 1940. 41.8 C61

28627 NETTO, F. A. Causas da má qualidade do leite. II - Transporte e conservação deficientes. Rev. dos Criadores 16(9): 14-16. Sept. 1945. 43.8 R32

28628 RICE, E. B. Milk and cream grading. Queensland Agr. J. 61: 42-49. July 1945. 23 Q33

28629 STATE versus municipal milk inspection. J. Milk Technol. 8: 277-293. Sept./Oct. 1945. 44.8 J824

Articles by W. D. Tiedeman, J. Taylor, H. B. Robinson, F. A. Clark, H. E. Bremer, R. R. Palmer, J. R. Jennings, and G. M. Young.

28630 VINCENT, W. A food official views the dairy industry. J. Milk Technol. 8: 272-276. Sept./Oct. 1945. 44.8 J824

28631 WIDDER, C. O. A review of the milk quality program in Sheboygan, Wisconsin. J. Milk Technol. 8: 294-296. Sept./Oct. 1945. 44.8 J824

#### Processing and Storage

28632 ALBERT, J. O., LONG, H. F., and HAMMER, B. W. Ripening of some cheeses aided by bacterium linens. Canad. Dairy and Ice Cream J. 24(9): 40, 42, 64. Sept. 1945. 44.8 C162

28633 ALGUNOS principios básicos para la salazón de quesos. Agrario 9(363): 8-9. June 15, 1945. 9.3 Ag85

28634 \*BARROSO, G. Fabricación casera de mantequilla; dedicada a las madres. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 415-421. Madrid, 1945. 15 Spl2C

28635 BEYERS, E. Fortification of pasteurized cheese with fish liver oils. So. African Dairyman 7: 183, 185, 202. Sept. 1945. 44.8 S822

28636 DUNKLEY, W. L., and WOOD, F. W. Standardizing the pH of butter with carbonate neutralizers. Canad. Dairy and Ice Cream J. 24(9): 23-26, 63. Sept. 1945. 44.8 C162

28637 GORDON, M. D. Butter-merging and butter-making. Field 186: 222. Sept. 1, 1945. 10 F45

28638 HAMPSHIRE, P. G. Address... Western Australian Division of the Australian Society of Dairy Technology. Hawkesbury Agr. Col. J. 42: 118-119. (To be cont.) Aug. 31, 1945. 276.8 H31

The subject was Fifty Years Progress in Dairy Technology in Australia.

28639 HETRICK, J. H., and TRACY, P. H. Some observations on the keeping quality of spray-dried whole milk stored at room temperature. J. Dairy Sci. 28: 687-700. Sept. 1945. Ref. 44.8 J822

28640 HOOD, E. G., and WHITE, A. H. Substitute sweetening agents for ice cream manufacture. Canad. Dairy and Ice Cream J. 24(9): 31-32. Sept. 1945. 44.8 C162

28641 KROOK, J. G. Control of cream sent to creameries. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser., No. 144, 2 p. Pretoria, 1945. 24 S822pa

28642 MCFADDEN, D. J. Caring for milk. Country Guide 64(10): 63, 65-66. Oct. 1945. 7 G76

28643 MUCCILOLO, P. A industrialização como base para a produção de leite infantil. Rev. Rural Bras. 25(299): 16-17. July 1945. 9.2 B733  
Dehydrated milk.

28644 NICHOLS, A. A. The control of slowness in cheesemaking. Austral. Milk & Dairy Prod. J. 12(7): 19-22. July 1945. 44.8 Au72

28645 OLSON, J. C., JR., and MACY, H. Propionic acid, sodium propionate and calcium propionate as inhibitors of mold growth. I. Observations on the use of propionate-treated parchment in inhibiting mold growth on the surface of butter. J. Dairy Sci. 28: 701-710. Sept. 1945. 44.8 J822

Thesis (M. S.) of J. C. Olson, Jr. - University of Minnesota.

28646 POMPA, A. Ice-cream developments; standards, a new stabiliser and some recipes. Food [London] 14: 231. Sept. 1945. 389.8 F738

28647 RAMSDALL, G. A., and WEBB, B. H. The acid hydrolysis of lactose and the preparation of hydrolyzed lactose sirup. J. Dairy Sci. 28: 677-686. Sept. 1945. 44.8 J822

Includes a study on formation of glucose and galactose.

28648 RIVAS, J. G. (HIJO). Elaboración de quesos. Pampa Argentina 19(216): 18. Aug. 1945. 9 P19  
Manufacture of Sbrinz cheese.

28649 SHERMAN, C. B. Will you be using dry milk? What's New in Home Econ. 10(2): 170, 172. Oct. 1945. 321.8 W55

28650 THORNTON, H. R. Pasteurizing practised for more than two hundred years. Canad. Dairy and Ice Cream J. 24(9): 52. Sept. 1945. 44.8 C162



## FEED AND FORAGE CROPS

28651 BARRETT, J. N. Fodder conservation plan for large stations incorporating pasture improvement scheme. *Past. Rev.* 55: 595-597. (Cont.) Aug. 16, 1945. 23 Au75

Discusses a suggested crop program for Australia, including machinery, costs, transportation, and storage.

28652 BETHKE, R. M. Grain stocks ample, high-protein feeds short; that's how Feed Industry Council summarizes feed supply prospects for coming season. *Poultry Supply Dealer* 22(5): 11, 30. May 1945. 47.8 B11

28653 C., A. A. Fodder scheme; principles adopted. *Country Life [Sydney]* 57(10): 1. Sept. 7, 1945. 286.85 Sy2

Commonwealth-wide Fodder Conservation Scheme.

28654 ELLIS, M. G. Feed shortage in west [of Canada]. *Family Herald and Weekly Star* 76(41): 18. Oct. 10, 1945. 7 F21

28655 ENGINE, S. A. The feed situation. *Minn. U. Agr. Ext. Farm Business Notes*, No. 273, p. 2-3. Sept. 26, 1945. 275.29 M663

28656 FLORIDA. STATE CHEMIST. Annual report, 1944, pt. 2, Feeds, 63 p. Tallahassee, 1945. 381 F66

Official standards and analyses.

28657 HOFFMAN, E. J., LUM, F. G., and PITMAN, A. L. Retention of carotene in alfalfa [meal] stored in atmospheres of low oxygen content. *J. Agr. Res.* 71: 361-373. Oct. 15, 1945. 1 Ag84W

28658 HOLDEN, A. E. Advertising plus good selling. *Hatchery Tribune* 19(10): 12, 42-43. Oct. 1945. 47.8 H28

Postwar feed sales problems.

28659 MCCONNELL, J. A. Feed supply and demand. *Flour & Feed* 46(5): 20. Oct. 1945. 298.8 F66

28660 NORTON, L. J. Future trends in feed profits. *Feedstuffs* 17(42): 60-61. Oct. 20, 1945. 286.81 F322

28661 STROMNES, I. J. The protein feed situation. *Grain & Feed J. Consolidated* 94: 234. Sept. 26, 1945. 298.8 G762

28662 THORNBURG, M. G. Ample supply of feed. *Flour & Feed* 46(5): 16. Oct. 1945. 298.8 F66

28663 YOUNG, N. R. The feed situation. *Coop. Poultryman* 10(9): 8-9. Sept. 1945. 47.8 C782

## FIBERS AND TEXTILES

28664 ACKERMAN, F. E. Proposed reduction of domestic wool prices. *Ariz. Stockman* 11(9): 38-39. Oct. 1945. 49 Ar4

28665 AREND, A. G. Notes on rayon staple fibre. *Textile Mercury and Argus* 93: 297-299, 301. Sept. 14, 1945. 304.8 T318

28666 BARBER-LOMAX, J. A. The Cotton Textile Mission to U. S. A; a consideration of the Report from the spinner's viewpoint. *Textile Weekly* 36: 498, 500, 502, 542, 545-546. Sept. 14, 21, 1945. 304.8 T3127

28667 BARKER, A. F. Textile research and the dominance of the wool fibre. *Textile J. Austral.* 20: 248-250. Aug. 20, 1945. 304.8 T3134

28668 BELL, R. Ten years progress in cotton textiles. *Rayon Textile Monthly* 26: 429. Sept. 1945. 304.8 R21

28669 BERZAGHI, M. N. Fios e tecidos. *Ouro Branco* 11(1): 8. Apr. 1945. 72.8 Ou7

28670 BOMBAY cotton annual, 1943-44, No. 25, 242 p. Bombay, 1945. 72.8 B63

Published under authority of the East India Cotton Association, Ltd.

Contains statistics of crops, trade, prices, and consumption.

28671 BORGHETTI, H. C. Mildewproofing of cellulose fibers. *Rayon Textile Monthly* 26: 479-481. Sept. 1945. 304.8 R21

28672 BUSCH, D. A indústria algodoeira britânica. *Rev. do Algodão* 15(101): 29. June 1945. 72.8 R322

28673 CALANDRON, A. Le genêt de Bretagne (*Sarothamnus scoparius*), plante textile. *Grignon. École Natl. d'Agr. Ann.* (ser. 3) (1943/1944) 4: 27-31. 1944. 105.3 G812A

Includes processing.

28674 CALDWELL, S. A. G. Technical developments in jute manufacture - III. Roving and spinning. *Textile Mfr.* 71: 377-378, 387. Sept. 1945. 304.8 T3126

28675 CÁMARA ALGODONERA DEL PERÚ. Memoria anual, 1944, 145 p. Lima, 1945. 287 C14

Includes statistics of the Peruvian cotton industry.

28676 CHASE, H. M. The treatment of cotton roving and yarns with bonding agents. *Textile J. Austral.* 20: 260, 262-263. Aug. 20, 1945. 304.8 T3134

28677 COTTON, better handling, better prices. *Carolina Co-op.* 23(9): 12-13. Sept. 1945. 72.8 N81

28678 \*CUENCA, C. L. DE. Los defectos de las lanas españolas. Spain. Min. de Agr. Secc. de Pub., Prensa y Propag. *Hojas Divulg.*, v. 36, No. 41, 12 p. Madrid, 1944. 15 H68

28679 AN EGYPTIAN industry. *Foreign Com. Weekly* 21(1): 7, 39. Sept. 29, 1945. 157.54 F763

Based on reports by C. B. Lyon, A. E. Beach, and R. C. Sloan.

Textile industry.

28680 FISHER, R. T. Northern cotton industry; problems and outlook. *Amer. Wool and Cotton Rptr.* 59(41): 13-14, 33. Oct. 11, 1945. 304.8 W88

28681 THE FUTURE of Argentina's industries; further views of industrialists. *Rev. River Plate* 99 (2806): 14, 16, 18-19. Sept. 21, 1945. 286.8 R32

Includes the textile industry.

28682 GEIGER, A. J. Mexico's textile industry. *Rayon Textile Monthly* 26: 432. Sept. 1945. 304.8 R21

28683 GERMAN fibers; U. S. technicians discover superior equipment, textiles and yarns with no commercial counterpart in this country. *Business Week*, No. 241, p. 63-64, 66. Oct. 13, 1945. 280.8 Sy8

28684 GOODMAN, L. High drafts in worsted spinning. *Textile Mfr.* 71: 368-370. Sept. 1945. 304.8 T3126

28685 GOOT, H. Hairiness in wool. Pt. I.- Distribution of hairiness in the fleeces of New Zealand Romney Marsh ewe hoggets. *New Zeal. J. Sci. and Technol. Sect. A, Agr.* 27(1): 45-56. June 1945. 514 M48A

28686 GRAHAM, W. Wartime control of the Lancashire cotton trade. *Textile J. Austral.* 20: 277-279. Aug. 20, 1945. 304.8 T3134

28687 HICKMAN, E. Progress and development in mohair. *Rayon Textile Monthly* 26: 461-462. Sept. 1945. 304.8 R21

Includes uses and processing.

28688 JOHNSTON, O. Cotton faces a difficult but controllable future. *Textile Age* 9(9): 50, 55. Sept. 1945. 304.8 T3132

28689 JONES, J. M. Commodity, Credit, Corporation, wool price reduction. *Mont. Wool Grower* 19 (10): 5, 34. Oct. 1945. 45.8 M762

28690 JONES, W. H. Linter cotton makes fine paper. *Paper Trade J.* 121(13): 145-146. Sept. 27, 1945. 302.8 P196

28691 KHOT, S. S., and DESHPANDE, A. K. Sheep breeding and wool research in Bombay. *Indian Farming* 6: 309-311. July 1945. 22 In283

28692 KIENLE, R. H., ROYER, G. L., and MCCLEARY, R. Effect of variations in wool on wool dyeing. *Rayon Textile Monthly* 26: 482-485. (To be cont.) Sept. 1945. 304.8 R21



28693-28734

28693 LANG, W. R. "Consumer studies" and future wool research. *Past. Rev.* 55: 592-593. Aug. 16, 1945. 23 Au75

28694 \*LARA NIETO, J. DE. Aspectos de la producción algodonera nacional. In *Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr.*, p. 67-76. Madrid, 1945. 15 Spl2C

28695 LAYTON, G. C. British textile industry review. *Textile J. Austral.* 20: 284. Aug. 20, 1945. 304.8 T3134

28696 LORENZO, J. R. La Republica Argentina como país productor y exportador de algodón. *Argentina. Sec. de Indus. y Com. B.* 1(7/8): 498-502. Apr./May 1945. 280.9 Ar3

28697 MCCOMB, B. What card clothing for rayon staple fiber. *Rayon Textile Monthly* 26: 451. Sept. 1945. 304.8 R21

28698 MCDANIEL, J. S. War ending has no immediate effect on cordage for civilian use. *Cord Age* 44(2): 7-8. Aug. 1945. 73.8 C812

28699 MCGREGOR, H. W. Paint marks in wool. *Past. Rev.* 55: 590-592. Aug. 16, 1945. 23 Au75

28700 MAUERSBERGER, H. R. War-end situation in rayon yarn deniers and filament numbers. *Rayon Textile Monthly* 26: 448-450. Sept. 1945. 304.8 R21

28701 MORE LIGHT on new wool disposal scheme; financial obligations explained to N. W. G. A. [National Wool Growers Association] congress by Mr. J. G. N. Strauss. *Farmer's Weekly [Bloemfontein]* 70: 50-51. Sept. 19, 1945. 24 F225

28702 MORROW, J. Wool - 1945-46. *Pract. Home Econ.* 23: 470-471, 502, 504. Oct. 1945. 321.8 H752  
Wool Products Labeling Act of 1939.

28703 PATTERSON, A. N. Influence of pH and grease residue of wool and mohair in relation to dyeing. *Rayon Textile Monthly* 26: 475-476. Sept. 1945. 304.8 R21

28704 \*POZO PELAYO, C. DEL. Las producciones de la oveja - lana. In *Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr.*, p. 153-159. Madrid, 1945. 15 Spl2C

28705 R., C. H. Silk - a major British industry *Gt. Brit. and East* 61(1750, *Textile Sup.*): ix-xiii. Aug. 1945. 286.8 N27

Describes the processes through which the silk goes.

28706 ROMERO, G. El yute y el cáñamo, sus perspectivas en el Paraguay. *Paraguay. Min. de Agr. Rev.*, No. 11, p. 30-33. July 1945. 9.7 Ag8Re

28707 SHEARD, G. E. Order control in worsted spinning. *Textile Mfr.* 71: 388-389. Sept. 1945. 304.8 T3126

28708 \*SINGHAL, A. S. A note on conditions of cotton marketing at Hathras in 1944. *Indian J. Econ.* 26(100): 124-133. July 1945. 280.8 In22

28709 SMITH, G. The new "Empire" wool scheme. *Australian Farmers' News* 7(307): 9. Sept. 6, 1945. 280.28 W523

28710 SMITH, H. DEW. Textiles fibers; an engineering approach to their properties and utilization. *Rayon Textile Monthly* 26: 439-442. (To be cont.) Sept. 1945. 304.8 R21

28711 TEXTILE industry in Korea. *Korea Econ. Digest* 2: 203, 206-207. Oct. 1945. 280.8 K84

28712 TEXTILES enter a new era; host of developments in fibers, yarns, and fabrics have brought rapid change in industry. Synthetics push ahead, holding promise of finer, stronger textiles undreamed of a few years ago. *Business Week*, No. 841, p. 48, 51-52, 54, 56, 58. Oct. 13, 1945. 280.8 Sy8

28713 UNION OF SOUTH AFRICA. MINISTER FOR AGRICULTURE AND FORESTRY. Full text of Minister's statement on the wool surplus. *Farmer [Pretoria]* 34(36): 10. Sept. 7, 1945. 24 F227

28714 USE MORE wool; balance the wardrobe; Australian mills can help, by "Searchlight." *Country Life [Sydney]* 57(7): 1. Aug. 17, 1945. 286.85 Sy2

28715 WARTIME developments in the Indian textile industry. *Internatl. Labour Rev.* 52: 176-195. Aug./Sept. 1945. 283.8 In8

28716 WESTBROOK, E. C. Cotton in the postwar world. *South. Agr.* 75(10): 22. Oct. 1945. 6 So83

28717 WHITFORD, A. C. The South American cameloids. *Textile Age* 9(9): 80, 82, 84, 86-87. Sept. 1945. 304.8 T3132

Third of a series on animal fibers.

28718 WILL Clayton's cotton: I; the world's greatest cotton merchant, Anderson, Clayton & Co., waits for orders to deliver the world's most needed commodity. *Fortune* 32(5): 138-146, 231-232, 234, 237-238. (To be cont.) Nov. 1945. 110 F772

28719 WILSDON, B. H., GOODINGS, A. C., and SPEAKMAN, J. B. The realities of science in the textile industry. (Sum.) *Textile J. Austral.* 20: 276-277. Aug. 20, 1945. 304.8 T3134

28720 WILSON, J. F. Mailliard merinos net grower \$7.74 per fleece, Boston. *Calif. Wool Grower* 21(39): 1, 8. Sept. 25, 1945. 45.8 C12  
Wool shrinkage.

28721 YOHE, R. S. Wool's unlimited horizon. *Natl. Wool Grower* 35(9): 25. Sept. 1945. 45.8 N21N  
On the value of wool research.

28722 YUAN, M. C. Egyptian cotton in China. *Textile J. Austral.* 20: 263. Aug. 20, 1945. 304.8 T3134

## FRUITS, VEGETABLES, AND NUTS

28723 BAILEY, J. S. Looking ahead. *Mass. State Col. Ext. Fruit Notes*, Sept. 28, 1945, p. 7-8, processed. 275.29 M381Fr  
The future of the fruit industry.

28724 BELTRÁN G., G. Bases para la reorganización de la industria bananera [Colombia]. *Agr. Trop.* 1(7): 12-14. (Cont.) Aug. 1945. 26 Ag8

28725 BLOCK, J. L. Potatoes for the rice bowls of China. *Sat. Evening Post* 218(16): 43. Oct. 20, 1945. 110 S

28726 CAVALLARO, C. D. [California Prune and Apricot Growers Association's financial history traced; showing steps by which revolving fund of grower equities was established. *Sunsweet Standard* 39(4): 70-72. Sept. 1945. 286.83 Su7

28727 CHAPMAN, P. W. Florida's citrus industries. *Prog. Farmer, Ga.-Ala.-Fla. Ed.* 60(10): 23, 74. Oct. 1945. 6 P945G

28728 CID DE LA LLAVE, B. Notabilísima mejora se ha conseguido, por la zona norte, el año 1944, en la recogida, distribución y racionamiento de la papa. *Aliment. Nac.* 3(39): 4-6. Dec. 1944. 389.8 AL42  
Spain.

28729 COIT, J. E. The ubiquitous guava. *Calif. Citrog.* 30: 408-409. Oct. 1945. 80 C125

28730 DANIN, E. Present-day problems of the citrus industry. (In Hebrew) *Hassadeh* 25: 409-412. July 1945. 26 H27

28731 DODGE, J. C. Truck and canning crops. *Wash. State Col. Ext. Timely Econ. Inform.*, No. 51, p. 6-8. Aug. 1945. 275.29 W27T

Situation and outlook.

28732 ELLIS, W., JR. Your 1946 seed potatoes. *Ohio Farm Bur. News* 25(3): 19. Oct. 1945. 6 Oh34

28733 ESCOTORIN, R. G. Cultivo del bananero en Jujuy y Salta. *Chacra* 15(179): 36-37. Sept. 1945. 9 C34

Various aspects of the industry.

28734 EVANS, O. R. Blueberries go modern; this humble fruit crop has reached million dollar proportions [in Quebec] and is now being handled scientifically. *Family Herald and Weekly Star* 76(40): 7, 18. Oct. 3, 1945. 7 F21



28735 GOOR, A. The almond. (In Hebrew) Hassadeh 25: 412-416. July 1945. 26 H27

28736 HAZANOFF, A. Renewing the almond industry in Palestine. (In Hebrew.) Hassadeh 25: 416-420. (To be cont.) July 1945. 26 H27

28737 K., J. Zur diesjährligen obstverwertung. Schweiz. Bauernztg. 45: 34-35. Sept. 1945. 280.28 Sch93

28738 KITCHIN-KERR, G. E. Basis of industry expansion; capacity of Australian market on 1937-39 basis. Citrus News 21: 106, 111. July 31, 1945. 80 C494

Oranges.

28739 MCCOMB, R. San Joaquin Valley harvest at peak. Calif. Fruit and Veg. Rev. 6(7): 42, 73, 75. Oct. 1945. 80 C1224

On the outlook for the grape industry.

28740 MARTENSEN, E. Khranenie i ispol'zovanie verkhushek klubnei kartofelia ot urozhaia letnikh posadok [Storage and utilization of tops of potato tubers from the harvest of summer plantings]. Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 10(3): 41-43. 1945. 20 Akl

28741 MILLER, O. D. Over planting? West. Grower and Shipper 16(11): 17. Oct. 1945. 280.38 W52

Emphasizes need for adjusting vegetable acreage to national income potentials.

28742 \*MORALES FRALLE, E. La economía vitícola española en el actual momento. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 271-276. Madrid, 1945. 15 Spl2C

28743 MORALES SOLA, J. El pimentón: una industria de gran porvenir en la Argentina. Chacra 15 (179): 102-103. Sept. 1945. 9 C34

28744 MULLEN, A. J. Brazil nuts again? Foreign Com. Weekly 20(13): 6-7, 47. Sept. 22, 1945. 157.54 F763

28745 OMAN, D. E. Pineapple canneries in Hawaii hit seasonal peak despite serious wartime lack of labor. West. Canner and Packer 37(10): 54-55. Sept. 1945. 286.83 W522

28746 OSBORN, R. A. Report on fruits and fruit products. Assoc. Off. Agr. Chem. J. 28: 505-507. Aug. 15, 1945. 381 As7

28747 PARKER, R. Berry growers came up fighting. News for Farmer Coops. 12(7): 17-18. Oct. 1945. 166.2 N47

Central California Berry Growers Association.

28748 PIPER, W. E. A record short apple crop. Mass. State Col. Ext. Fruit Notes, Aug. 31, 1945, p. 2-3, processed. 275.29 M381Fr

28749 SWANSON, D. W. J. This year a lesson: next year a plan? Farmers Weekly [London] 33(12): 29. Sept. 21, 1945. 10 F2226

Plea for a plan for early potato production.

28750 WALKER, M. H. Citrus outlook for the years ahead is this--; as for postwar prospects, the fruit growers of this State really have something to think about. Fla. Grower 53(10): 6, 13. Oct. 1945. 80 F6622

28751 WALL, G. M. N. S. apple anxiety grows. Family Herald and Weekly Star 76(42): 14. Oct. 17, 1945. 7 F21

28752 \*ZHDANOV, P. R. Kak ia podgotovil vinogradniki k sezonu vinodelia 1944 g. Vinodel. i Vinograd. SSSR 4(12): 47. Dec. 1944. 95.8 V77

Restoration of 70 hectares of "Massandra" vineyard

28753 ZUROSKE, C. H. Fruit. Wash. State Col. Ext. Timely Econ. Inform., No. 51, p. 11-13. Aug. 1945. 275.29 W27T

Situation and outlook.

### Analysis and Composition

28754 BAIER, W. E. How the citrus industry measures it. VI. Chemical analysis of pectin. Calif. Citrog. 30: 378, 386. Oct. 1945. 80 C125

28755 HILLIG, F., and RAMSEY, L. L. Lactic and volatile acids in fruits and fruit products. Assoc. Off. Agr. Chem. J. 28: 525-530. Aug. 15, 1945. 381 As7

### Consumption and Utilization

28756 GUEVARA VELASCO, A. Algunos productos de la papa industrializada. Agronomía [Lima] 10(41): 25-53. May/June 1945. 9.8 Ag83

### Distribution, Marketing, and Transportation

28757 CAMERON, A. E. Mildura Association support; only minor decline under maximum price conditions. Citrus News 21: 83, 85. June 30, 1945. 80 C494

Citrus marketing in Victoria.

28758 CHASE, C. To get fine Washington apples to retailers. Pacific Northwest Grocer & Meat Dealer 41(9): 42, 44. Sept. 1945. 286.28 Pl1

28759 COLE, F. E. Apple market reports. Mass. State Col. Ext. Fruit Notes, Aug. 31, 1945, p. 5-6, processed. 275.29 M381Fr

28760 GREAVES, C. W. East wants more air-borne produce; consumers clamoring for California fruits and vegetables rushed to them by air freight. Calif. Fruit and Veg. Rev. 6(7): 19, 70. Oct. 1945. 80 C1224

28761 MEAKER, R. D., and ROBERTSON, S. D. Selling apples by weight [New South Wales]. Rev. Mktg. Agr. Econ. (n. s.) 13: 213-217, processed. Aug. 1945. 286.8 N47M

28762 METZGER, G. E. There's a job ahead for co-ops. Coop. Digest 6(4): 64. Oct. 1945. 280.28 C7896

Marketing fruit and vegetables.

28763 \*MIR, R. M. Porvenir de la arboricultura frutal. Cult. Mod. 28: 51. Feb. 1945. 15 C89

Importance of refrigeration in fruit transportation.

28764 PENTZER, W. T., and WIAIT, J. S. Top-iced melons best. West. Grower and Shipper 16(11): 15, 25. Oct. 1945. 280.38 W52

Transportation test with Imperial Valley melons.

28765 PERALTA, V. Mercado del ajo mexicano en California. Mex. Sec. de Relac. Exteriores. Rev. del Com. Exterior 10(6): 7. June 1945. 286.8 M575

28766 SCHAUFFLER, E. R. Fresh vegetables and fresh viewpoints. Calif. Fruit and Veg. Rev. 6(7): 23, 55, 60, 63. Oct. 1945. 80 C1224

History and operation of the wholesale fruit and vegetable firm of A. Reich & Sons, Inc., Kansas City, Mo.

28767 \*SWARUP, S. R. Marketing of fruits in U. P. Punjab Fruit J. 5: 987-989. July 1941. 80 P962

28768 VAIL, B. B. Any way you spell it -- "Produce" is "Common Sense." South. Calif. Grocers J. 32(35): 57, 93, 97. Sept. 21, 1945. 286.28 S82

Marketing of fresh fruits and vegetables.

Also in Pacific Northwest Grocer & Meat Dealer 41 (9): 94-96. Sept. 1945. 286.28 Pl1

28769 WEBER, G. M. What's ahead for small vegetable co-ops? News for Farmer Coops. 12(7): 3, 14. Oct. 1945. 166.2 N47

### Grading, Inspection, Standardization, and Quality

28770 MILLER, H. W., JR. Changes in handling methods improve apple quality. Better Fruit 40(4): 18. Oct. 1945. 80 B46

28771 NORTH DAKOTA. SEED DEPT. Regulations with suggestions for certified seed potato production in North Dakota. N. Dak. Seed Dept. B. 49, rev., 18 p. Fargo, 1945. 61.9 N813



28772 PRESCOTT, E. G. N. B. tests potatoes in Florida. Family Herald and Weekly Star 76(42): 14. Oct. 17, 1945. 7 F21

28773 UNION OF SOUTH AFRICA. DEPT. OF AGRICULTURE AND FORESTRY. DIVISION OF ECONOMICS AND MARKETS. The compulsory grading of potatoes. Union So. Africa. Dept. Agr. and Forestry. Agr. Prod. Publicity Ser., No. 142, 2 p. Pretoria, 1945. 24 So82Pa

#### Packing and Packaging

28774 GRUESS, W. V. Syrup-processed dried fruits packed in tin or glass are promising items. West. Canner and Packer 37(10): 52. Sept. 1945. 286.83 W522

28775 FRENCH, E. R. California produce used as "guinea pig"; food stores test fruits and vegetables in consumer packages. Calif. Fruit and Veg. Rev. 6 (7): 47, 79. Oct. 1945. 80 C1224

Tells about a series of tests being conducted by A & P Food Stores in collaboration with Ohio State University in Columbus, Ohio.

28776 MACINTOSH, F. C. The toxicity of diphenyl and o-phenyl-phenol. Analyst 70: 334-335. Sept. 1945. 382 An1

Toxicity of the chemicals consumed by people eating fruit from treated wrappers.

28777 TOMKINS, R. G., and ISHERWOOD, F. A. The absorption of diphenyl and o-phenyl-phenol by oranges from treated wraps. Analyst 70: 330-333. Sept. 1945. 382 An1

Absorption of fungicides from wrappings used to prevent mold.

#### Processing and Storage

28778 APPLES in store; factors affecting keeping qualities. By Berkshire. Gard. Illus. 64: 674. Oct. 1945. 80 G169

28779 \*BOLGAREV, P. T. Proizvodstvo sushennogo vinograda v Azerbaïdzhan [Production of dried grapes in Azerbaijan]. Vinodel. i Vinograd. SSSR 4(9): 32-34. Sept. 1944. 95.8 V77

28780 CALDWELL, J. S. Varietal suitability in the dehydration of vegetables. Pt. III. Food Packer 26(11): 70-72. Oct. 1945. 286.83 C165

28781 THE CONTROLLING of rodents in apple cold storages. Down to Earth 1(2): 7-9. Aug. 1945. 381 D75

28782 \*COSTA, C. C. A batata-semente em Montalegre. I. A conservação da batata-semente. Portugal. Junta Nac. das Frutas. B. 5(1): 14-24; (2): 8-16. Jan.-Feb. 1945. 286.3939 p83

Methods and costs of storing potatoes.

28783 GRUESS, W. V., HOHL, L. A., and GLAZEWSKI, A. J. Freezing fruit juices proved practical. Quick Frozen Foods 8(2): 58, 111-113. Sept. 1945. 389.8 Q4

28784 CRUESS, W. V. Syrups from grapes and raisins. Wines & Vines 26(9): 19, 38-39. Sept. 1945. 95.8 C122

28785 DEVORE, P. T. Gravity works for pea canning. News for Farmer Coops. 12(7): 12-13. Oct. 1945. 166.2 N47

Operation of the Umatilla Canning Company at Milton-Freewater, Ore.

28786 FREAR, D. E. H., COX, J. A., and GLEISSNER, B. D. Fate of lead arsenate spray during grape juice packing. Food Packer 26(11): 33-36. Oct. 1945. 286.83 C165

28787 HALLER, M. H., and others. Respiration of citrus fruits after harvest. J. Agr. Res. 71: 327-359. Oct. 15, 1945. Ref. 1 Ag84J

D. H. Rose, J. M. Lutz, and P. L. Harding, joint authors.

28788 HOARD, B. King Apple adopts new guise; going to market in different trappings these days. Better Fruit 40(4): 7. Oct. 1945. 80 B46

Processing apples.

28789 HURTIBISE, J. A. P. Le cidre a ses secrets. B. des Agr. 41(10): 14, 26. Oct. 1945. 7 B872

28790 \*IVANOVA, E. B. I. Sushka vinograda v Tashkentskoï oblasti [Drying of grapes in Tashkent region]; II. Uvialivanie vinograda [Withering of grapes]. Vinodel. i Vinograd. SSSR 4(9): 35-37. Sept. 1944. 95.8 V77

28791 J., S. It's time to store the root crops. Pop. Gard. 47: 236. Sept. 22, 1945. 80 G1622

28792 M., S. S. Prevention of darkening in bottled tomato juice. Indian Farming 6: 322. July 1945. 22 In283

28793 MACDOWELL, L. G. The research program of the Florida Citrus Commission. Citrus Indus. 26 (10): 12-14. Oct. 1945. 80 C49

28794 MILLER, J. Studies on sweet potatoes. Food Packer 26(11): 66, 68, 75. Oct. 1945. 286.83 C165

28795 MILLS, P. A. Report on sampling cold pack fruit. Assoc. Off. Agr. Chem. J. 28: 518-525. Aug. 15, 1945. 381 As7

28796 MITCHELL, C. Preservation of fruit & vegetables on the farm & in the home; citrus marmalades and jams. Agr. Gaz. N. S. Wales 56: 357-358. Aug. 1, 1945. 23 N472

28797 P., K. O zavode vinogradnykh sokov [Concerning a plant for grape juices]. Vinodel. i Vinograd. SSSR 4(12): 16-22. Dec. 1944. 95.8 V77

28798 PALMER, C. D., and SCHLOTZHAUER, E. O. Wine, raisin and jam; grape production surges ahead over 80 per cent processed by food and beverage industries. Food Mater. and Equip. 5(10): 6-7. Oct. 1945. 389.8 F7393

28799 PASTORIZA, R. Indicaciones útiles para lograr frutas desecadas de calidad. Campo [Buenos Aires] 29(346): 40. Aug. 1945. 9 C15

28800 PINERA, H. O. Conservación de limones. Campo [Buenos Aires] 29(346): 42. Aug. 1945. 9 C15

28801 THE PRODUCTION of frozen concentrated orange juice. Quick Frozen Foods 8(2): 55, 105. Sept. 1945. 389.8 Q4

28802 RAUCH, G. Jam manufacture. Pt. V. Food Manufacture 20: 372-375. Oct. 1945. 389.8 F736

28803 SAMISCH, Z. Pickling cucumbers. (In Hebrew.) Hassadeh 25: 497-499. July 1945. 26 H27

28804 SMITH, O. Almacenamiento de patatas. Manabí, Ecuador. Consorcio de Cent. Agr. B. 7(42): 23-25. Apr./June 1945. 9.5 M31

28805 SOUTHWICK, F. W. Measurements of the volatile production of apples. J. Agr. Res. 71: 279-295. Oct. 1, 1945. 1 Ag84J

In storage.

28806 SOUTHWICK, F. W. The removal of organic emanations from the atmosphere surrounding stored apples. J. Agr. Res. 71: 297-314. Oct. 1, 1945. 1 Ag84J

28807 VELDHOUIS, M. K. Citrus fruit products research. Citrus Indus. 26(10): 5-7, 10. Oct. 1945. 80 C49

Review of principal projects at U. S. Citrus Products Station, Winter Haven, Fla.

28808 WAGER, H. G., and others. The drying of potatoes. Pt. III. Food Manufacture 20: 367-371, 375. Oct. 1945. 389.8 F736

R. G. Tomkins, S. T. P. Brightwell, R. J. L. Allen, and L. W. Mapson, joint authors.

#### Statistics

28809 ALARCÓN, A., ACOSTA V., L., and VARGAS, A. Monografías comerciales: las nueces; producción nacional. Mex. Dir. de Econ. Rural. B. Mens., No. 232, p. 741-764. Sept. 1945. 254.5 Ag83

A statistical report of the industry, with particular reference to walnuts and pecans.

28810 HUNTER, J. A. 1944 grape season summary. Wines & Vines 26(9): 28-30. Sept. 1945. 95.8 C122

Tables.



## GRAIN AND GRAIN PRODUCTS

28811 AITKEN, T. R., and FISHER, M. H. Mixing tolerances of varieties of hard red spring wheat. Cereal Chem. 22: 392-406. Sept. 1945. 59.8 C33

28812 ALLEN, F. J. The relationship between flour sales and the manufacture of flour. Assoc. Oper. Millers. B., Oct. 1945, p. 1464-1465. 298.9 As7

28813 ARGENTINA. SECRETARÍA DE INDUSTRIA Y COMERCIO. DIRECCIÓN DE ESTADÍSTICA. La industrialización de la harina de trigo, consideraciones estadísticas. Argentina. Sec. de Indus. y Com. B. 1(7/8): 303-315. Apr./May 1945. 280.9 Ar3

28814 BALTIMORE CHAMBER OF COMMERCE. Annual report, 90th, 1944, 10 p. Baltimore, 1945. 287 B21R Includes grain statistics.

28815 BAZET, E. M. La Comisión Nacional de Granos y Elevadores. Bolsa de Com., Rosario. Rev. 33 (806): 13-15. Aug. 15, 1945. 287 R71

28816 BEEMAN, F. E. Good flour and good bread. Assoc. Oper. Millers. B., Oct. 1945, p. 1465-1466. 298.9 As7

Also in Northwest. Miller (Milling Prod. Sect.) 224(2): 6a, 8a. Oct. 9, 1945. 298.8 N81

28817 BISARO, M. J., and BERTOTTO, C. J. El comisionista de cereales. Bolsa de Com., Rosario. Rev. 33(806): 21-24. Aug. 15, 1945. 287 R71

28818 BOEUF, M. F. L'organisation de la production et du commerce des grains en Argentine. Inst. Natl. Agron., Paris. Ann. 33: 74-101. 1942. 105.3 An8

28819 BRUERA, E. D. El Estado en el comercio de granos. Bolsa de Com., Rosario. Rev. 33(806): 3-7. Aug. 15, 1945. 287 R71

28820 CARTER, E. P., and YOUNG, G. Y. Effect of moisture content, temperature, and length of storage on the development of "sick" wheat in sealed containers. Cereal Chem. 22: 418-428. Sept. 1945. Ref. 59.8 C33

28821 LA COMISIÓN Nacional de Granos y Elevadores estableció los patrones oficiales de la cosecha 1944/45 para las zonas Rosafe, Buenos Aires, Bahía Blanca y Entre Ríos. Argentina. Sec. de Indus. y Com. B. 1(7/8): 400-411. Apr./May 1945. 280.9 Ar3

28822 ETHEREDGE, M. P. Report on starch in raw and baked cereals. Assoc. Off. Agr. Chem. J. 28: 492-495. Aug. 15, 1945. 381 As7

28823 FARMERS GRAIN DEALERS ASSOCIATION OF NORTH DAKOTA. Farmers, independent, and line elevators in North Dakota, 1945 directory, 100 p. Fargo, 1945. 225 N813D

28824 FERNANDEZ, G. M. Las bolsas de comercio en la comercialización de los cereales. Bolsa de Com., Rosario. Rev. 33(806): 35, 37-39. Aug. 15, 1945. 287 R71

28825 FERRARI, L. A. El acopiador en el comercio de granos. Bolsa de Com., Rosario. Rev. 33 (806): 43, 45-46. Aug. 15, 1945. 287 R71

28826 GARCÍA ROMERO, A. El arroz, va ganando zonas; concesión de cotos arroceros en las deltas de los grandes ríos. Aliment. Nac. 4(47): 9. Apr. 25, 1945. 389.8 AL42

Spain.

28827 GLABAU, C. A. The baking characteristics of the 1945 southwestern flour. Bakers' Weekly 128 (2): 43-45. Oct. 8, 1945. 389.8 B172

28828 EL GOBIERNO toma a su cargo la comercialización de las cosechas de granos y comprará el maíz de la cosecha 1944/45. Argentina. Sec. de Indus. y Com. B. 1(7/8): 387-393. Apr./May 1945. 280.9 Ar3

28829 GODWARD, C. W. Los exportadores en el comercio de granos. Bolsa de Com., Rosario. Rev. 33 (806): 17, 19. Aug. 15, 1945. 287 R71

28830 KAHN, E. E. Maize madness; control uncontrolled. Com. Opinion 23: 83-86. Aug. 1945. 287 C73

Control of the grain industry in South Africa.

28831 KOHN, R. Wheat conditioning - a comparison of methods. Miller 71: 688-690. Oct. 1, 1945. 298.8 M61

28832 LEBAS, R. W. O., and PROVERA, V. E. Funcionamiento de los mercados a termino de cereales. Bolsa de Com., Rosario. Rev. 33(806): 41-42. Aug. 15, 1945. 287 R71

28833 MCNEELY, M. Jefferson County a leader in rice industry--says; J. F. Combs. Rice J. 48(9): 14, 16. Sept. 1945. 59.8 R36

28834 MATTALON, R. W. L'industrie rizière et ses produits. Union des Agr. d'Égypte. B. 43: 131-139. (To be cont.) July/Aug. 1945. 24 Un32

28835 MINETTI COLOMBO, J. La industria molinera [Argentina]. Bolsa de Com., Rosario. Rev. 33(806): 25-26. Aug. 15, 1945. 287 R71

28836 MISCELLANEOUS cereal problems; action of flour improvers and other matters. Part one. Food [London] 14: 232-234. Sept. 1945. 389.8 F738

28837 MUNSEY, V. E. Report on cereal adjuncts. Assoc. Off. Agr. Chem. J. 28: 434-435. Aug. 15, 1945. 381 As7

Used in the brewing industry.

28838 MUNSEY, V. E. Report on cereal foods. Assoc. Off. Agr. Chem. J. 28: 483-491. Aug. 15, 1945. 381 As7

28839 NOTTIN, P. Quelques indications sur les succédanés employés en panification. Inst. Natl. Agron., Paris. Ann. 33: 34-39. 1942. 105.3 In8

Use of grains other than wheat in bread manufacture

28840 PUTNAM, H. O. Wheats in America. Natl. Grain J. 29(2): 6, 26-27. Aug. 1945. 298.8 C83

28841 RAJALAKSHMAN, D. V. Cereal rationing in the Madras Presidency. Indian. J. Econ. 26(100): 116-125. July 1945. 280.8 In22

28842 REDFERN, S. Report on proteolytic activity of flour. Assoc. Off. Agr. Chem. J. 28: 496-497. Aug. 15, 1945. 381 As7

28843 ROSSELLI, R. J. Junta reguladora de producción agrícola. Bolsa de Com., Rosario. Rev. 33 (806): 9, 11. Aug. 15, 1945. 287 R71

On the Junta Reguladora de Granos.

28844 RUDNI, L. El comercio de granos en la post-guerra; después de un ligero ensayo, nuestro gobierno tuvo que abandonar el monopolio del comercio de granos. Pampa Argentina 19(217): 8. Sept. 1945. 9 P19

28845 RUDNI, L. El comercio de granos en la post-guerra; es casi seguro que, durante el año en curso, la Argentina no concurrirá con sus granos a los mercados europeos. Pampa Argentina 19(216): 1, 34. Aug. 1945. 9 P19

28846 STEAGALL, E. F. Report on moisture in self-rising flour, and in pancake, waffle, and doughnut flours. Assoc. Off. Agr. Chem. J. 28: 500-502. Aug. 15, 1945. 381 As7

28847 THOMPSON, A. H. La expropiación de bol-sas por el Estado. Bolsa de Com., Rosario. Rev. 33 (806): 27-32, 34. Aug. 15, 1945. 287 R71

Government provisions regarding sacks for the grain trade.

28848 TRIOLA, P. DE LA. Conservación de los granos. Cult. Mod. 28: 98. Mar. 1945. 15 C89

28849 TRIPLETT, J. F. Dry weather cuts grain crop; price will hold; large crop made in Northwest. Producer-Consumer 11(3): 9. Oct. 1945. 280.28 P942

28850 TURNER, R. M. Wheat. Wash. State Col. Ext. Timely Econ. Inform., No. 51, p. 8-11. Aug. 1945. 275.29 W27T

Situation and outlook.

28851 VEGA, T. DE. El Servicio Nacional del Trigo [Spain]. Surco [Madrid] 4(40): 8-15. June 1945. 15 Su7



## HONEY AND BEESWAX

- 28852 BRAUN, E. Manitoba [honey] crop will be spotty. West. Canada Beekeeper 8(9): 8. Sept. 1945. 424.8 W525
- 28853 WALTON, G. P. Report on honey and honeydew honey. Assoc. Off. Agr. Chem. J. 28: 534-535. Aug. 15, 1945. 381 As7

## LIVESTOCK AND LIVESTOCK PRODUCTS

- 28854 ADAIR, W. Recasting control prices for lambs; meat trade challenges seasonal scale. Farming News and North Brit. Agr. 97(41): 3. Oct. 5, 1945. 10 N82
- 28855 AROSTEGUY, A. J. Porvenir de la industria ganadera. Uruguay Indus. 1: 99-101. Mar./Apr. 1945. 280.8 Ur8
- 28856 BEUCHEL, F. A. What lies ahead for the livestock industry? Cattleman 32(5): 18-20, 112-114. Oct. 1945. 49 C29
- 28857 BULL, S. 900 lbs. is big enough. Breeder's Gaz. 90(9): 26-27. Oct. 1945. 49 B74
- On the demand for baby beef.
- 28858 BUNT, J. Co-operative production and marketing. Internatl. Com. Rabbit J. 3(24): 65-69. (Cont.) Oct. 1945. 40.28 In8
- 28859 CAGLE, A. J. Feeder cattle. Wash. State Col. Ext. Timely Econ. Inform.; No. 51, p. 20-21. Aug. 1945. 275.29 W27T
- Situation and outlook.
- 28860 CALIFORNIA. DEPT. OF AGRICULTURE. BUREAU OF LIVESTOCK IDENTIFICATION. Annual reports 1944, 18 p., processed. n. p., 1944? 49.9 C122
- Statistics of shipments and slaughter of cattle by counties and State.
- 28861 CANADA PACKERS LIMITED. Report to shareholders. Canad. Countryman 34(20): 18-21. Sept. 29, 1945. 7 C833
- Report for the 18th year ending March 29, 1945, including the outlook for livestock in the postwar years.
- 28862 CARILLO GIL, H. Problema agropecuario del Estado de Yucatan; sugerencias para su mejoramiento. Fomento (monthly) 2(21): 17-18, 24. July 1945. 8 F734
- Economic aspects of the livestock industry.
- 28863 CARROLL, W. E. Reconversion in the hog industry; long-time program should be one of breeding and selection to develop a hog which will produce less lard. Amer. Hampshire Herdman 20(10): 42, 82. Oct. 1945. 46.8 Am33
- 28864 CRAWFORD, A. Vast new possibilities are open for postwar livestock world. South. Stockman 5(10): 26, 110-111. Oct. 1945. 49 So83
- 28865 CURRAN, G. B. Outlook for beef cattle. Canad. Countryman 34(21): 37. Oct. 13, 1945. 7 C833
- 28866 DAVIS, B. F. OPA sharply criticized for handling of meat situation. Wyo. Stockman-Farmer and Wyo. Indus. J. 51(10): 7. Oct. 1945. 6 W992
- 28867 DEANE, G. N. The Argentine meat trade and stock-raising industry. Rev. River Plate 99(2802): 31-32. Aug. 24, 1945. 286.8 R32
- 28868 F., H. S. Calf clubs for fun and profit. Country Guide 64(10): 9, 45-46. Oct. 1945. 7 G76
- Baby Beef Clubs at Estevan, Saskatchewan.
- 28869 GONZÁLEZ, J. A., and BERNAL, R. M. Informe de las actividades desarrolladas por las uniones ganaderas y regionales del Norte de Coahuila, de Nuevo Laredo, de Nuevo León y de Tamaulipas. Mex. Dir. de Econ. Rural. B. Mens., No. 232, p. 784-793. Sept. 1945. 254.5 Ag83
- Condensation of four reports by these societies.
- 28870 GRIMES, C. W. The beef cattle market outlook. Ranchman 5(6): 20-21. Oct. 1945. 49 R15
- 28871 HARDENBERGH, W. Livestock and meat industry will continue to lead. Pacific Northwest Grocer & Meat Dealer 41(9): 30. Sept. 1945. 286.28 P11
- 28872 JONES, D. D. United Kingdom production and marketing policy for hogs. Foreign Agr. 9: 156-160. Oct. 1945. 1.9 Ec7For
- 28873 KELLY, J. T. The slaughter of heifer calves. Victoria. Dept. Agr. J. 43: 332-333. Aug. 1945. 23 V66J
- Economic results of premature slaughter of heifer dairy calves.
- 28874 LADUE, H. Horse meat. Natl. Fur News 17(9): 15, 18-20, 22. Oct. 1945. 412.628 R59
- 28875 LIVESAY, E. A. Postwar beef cattle production. W. Va. Dept. Agr. Market B. 29(10): 9-10. Oct. 1945. 2 W522W
- 28876 \*LUND, G. Situationen pa köttmarknaden; ransonering nödvändig åtskillig tid framåt. Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige och Gästrikland 15(26): 4. June 30, 1945. 11 J762
- The meat situation in Sweden.
- 28877 MOLLIN, F. E. The meat supply situation. Pacific Northwest Grocer & Meat Dealer 41(9): 34. Sept. 1945. 286.28 P11
- 28878 MOORE, O. The cattle industry of Colombia. Foreign Agr. 9: 150-156. Oct. 1945. 1.9 Ec7For
- 28879 O'LOGHLEN, F. Wipe out meat control; menace to producers; price must go, too. Country Life [Sydney] 57(9): 1. Aug. 31, 1945. 286.85 Sy2
- 28880 \*PANÉS, A. La ganadería en 1944 ha sido superada en cantidad y calidad. Aliment. Nac. 3(39): 19. Dec. 1944. 389.8 AL42
- Spain.
- 28881 PELLANDA, E. Os problemas da pecuária em face da diminuição mundial dos rebanhos. Orientação Econ. e Financ. 3(37): 5-8. June 1945. 280.8 Or42
- Brazil.
- 28882 PETERSON, V. V. History of Idaho cattle. Amer. Cattle Prod. 27(5): 9-11, 34. Oct. 1945. 49 P94
- 28883 POLLOCK, R. C. Meat in war and in peace. Pacific Northwest Grocer & Meat Dealer 41(9): 80, 82, 84. Sept. 1945. 286.28 P11
- 28884 \*POZO, C. DEL. Productos del ganado vacuno - la carne. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 285-292. Madrid, 1945. 15 Spl2C
- 28885 \*POZO Pelayo, C. DEL. Las producciones de la oveja - la carne. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 177-184. Madrid, 1945. 15 Spl2C
- 28886 PYNE, GOULD, GUINNESS LTD. Annual review of wool, stock, meat and other markets, No. 45, 1944/45, 26 p. Christchurch, 1945. 286.85 P99
- 28887 SYLVESTER, E. Survey of hog raising in Quebec. Canad. Swine 7(3): 7. Sept. 1945. 46.8 C16
- 28888 \*U. S. S. R. SOVET NARODNYKH KOMISSAROV 1 TSK VKP(b). O gosudarstvennom plane razvitiia zhivotnovodstva v kolkhozakh i sovkhhozakh na 1945 god [Concerning the State plan for the development of the animal industry on the collective and state farms in 1945]. Kolkhoz. Proizvod. 5(4/5): 3-10. Apr./May 1945. 281.8 K83
- Also in Soetsialist. Sel'sk. Khoz. 16(4/5): 3-16. Apr./May 1945. 281.8 So73
- 28889 VANDEWEGHE, J. Rabbit skins and experts. Small Stock Mag. 29(10): 8. Oct. 1945. 48.8 P442
- 28890 WHITMORE, R. More facts about rabbit skins. Small Stock Mag. 29(10): 9. Oct. 1945. 48.8 P442

## Analysis and Composition

- 28891 FRANCIS, K. Y. Meat and your feet. Canad. Business 18(10): 44-45. Oct. 1945. 287 C162
- Causes of deterioration of hides.
- 28892 \*GONZÁLEZ ALVAREZ, R. Carnes y parásitos. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 121-129. Madrid, 1945. 15 Spl2C
- Infected meat.



28893 \*GONZÁLEZ ALVAREZ, R. Carnes y tuberculosis. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 229-237. Madrid, 1945. 15 Spl2C

Tuberculosis as transmitted to man through tubercular meat.

28894 MITTON, R. G. Mechanical properties of leather fibres. Internatl. Soc. Leather Trades' Chem. J. 29: 169-194. Aug. 1945. 303.8 Sol2

#### Distribution, Marketing, and Transportation

28895 ADAIR, W. Fat stock marketing plans; Scottish interests take diverging paths. Farming News and North Brit. Agr. 97(40): 3. Sept. 28, 1945. 10 N82

28896 DONALD, H. P. Buying a bull. Meat and Wool 97(2): 52g. Aug. 10, 1945. 286.85 M463

28897 F., H. S. Early marketing of Canadian livestock; pays off. Country Guide 64(10): 18-19. Oct. 1945. 7 G76

28898 HAMMOND, J. No European market for U. S. purebreds. Natl. Live Stock Prod. 24(1): 16, 20. Oct. 1945. 280.38 N21

28899 HULBERT, H. H. Regional meat barriers removed. News for Farmer Coops. 12(7): 15, 18. Oct. 1945. 166.2 N47

Freight rates reduction by the Interstate Commerce Commission.

28900 HURT, L. M. Regulations for livestock shipment need revision. Vet. Med. 40: 329. Oct. 1945. 41.8 M69

28901 KINGSBURY, L. D. Creating new service to meet needs. Natl. Live Stock Prod. 24(1): 13, 22-23. Oct. 1945. 280.38 N21

Marketing methods of the Producers Livestock Cooperative Association.

28902 LODER, J. On buying a yearling. Field 186: 242. Sept. 8, 1945. 10 F45

Horses.

28903 MCNEELY, G. H., JR. A market for domestic goatskins. Dairy Goat J. 23(8): 5. Oct. 1945. 40.18 M592

28904 MOHRI, R. W. Flying animals over the Burma "Hump." Cavalry J. 54(5): 42-45. Sept./Oct. 1945. 42.9 Un3

28905 REED, E. G. Helping hands in livestock loss prevention. Natl. Humane Rev. 33(10): 6-7, 21. Oct. 1945. 48.8 N212

Feeding during transportation.

28906 SCHUMACHER, H. Are you prepared for the future? Butchers' Advocate 118(15): 13. Oct. 10, 1945. 286.85 B97

Meat retailing.

28907 STOCKDALE, L. Put a fair value on stock sold. Dairy Goat J. 23(8): 9. Oct. 1945. 40.18 M592

Dairy goats.

#### Grading, Inspection, Standardization, and Quality

28908 ARGENTINA. DIRECCIÓN DE GANADERÍA. Desvalorización de los cueros, sus causas. Suelo Argentino 4: 583. Sept. 1945. 9 Su2

28909 MILLER, A. R. The Federal meat inspection service. Assoc. Food & Drug. Off. U. S. Q. B. 9: 107-118. July 1945. 389.9 As7Q

#### Prices, Price Control, and Rationing

28910 ELLIS, M. G. Feeder prices better at Moose Jaw [Canada]. Family Herald and Weekly Star 76(43): 10, 11. Oct. 24, 1945. 7 F21

28911 MILLER, H. A. Price supports for beef cattle; Here's a word of caution to cattlemen. West. Livestock J. 23(54): 66. Sept. 1945. 6 F2278

28912 PICKELL, M. W. Hog prices will need supporting. Breeder's Gaz. 90(9): 8, 31. Oct. 1945. 49 B74

28913 TROWBRIDGE, E. A. Price trends. Short-horn World 30(13): 20. Sept. 25, 1945. 43.8 Sh8

Beef cattle prices.

28914 WIGHT, D. A breeder's candid discussion of what price, cattle? Plantation Stockman 3(2): 7, 20. Oct. 1945. 49 P69

#### Processing and Storage

28915 ANDERSON, H. The adaptation of various bacteria to growth in the presence of sodium chloride. Internatl. Soc. Leather Trades' Chem. J. 29: 215-217. Sept. 1945. 303.9 Sol2

Use of salt in treatment of hides and skins.

28916 ANDERSON, H. A critical examination of modern bating theories. Part II. Internatl. Soc. Leather Trades' Chem. J. 29: 209-215. Sept. 1945. 303.9 Sol2

28917 DAVEY, W. J. G. Further applications of nomography to leather technology. Leather Trades' Rev. 78: 1155-1159. Sept. 12, 1945. 303.8 L48

28918 MULLEN, K. Pig, salt and smoke. Country Book Mag. 5(2): 88-96. Autumn 1945. 6 G836

28919 PITTARD, C. J. Leather drying. Internatl. Soc. Leather Trades' Chem. J. 29: 199-204. Sept. 1945. 303.9 Sol2

28920 SNOW, C. F. Rabbit pelts need careful drying. Mod. Poultry Keeping 53: 229. Sept. 26, 1945. 47.8 Eg3

#### Statistics

28921 ARGENTINA. MINISTERIO DE AGRICULTURA. DIRECCIÓN DE ESTADÍSTICA. Existencia ganadera de las principales especies al 30 de junio de 1945. Bolsa de Cereales, Buenos Aires. Rev. 32(1714): 61-62. Aug. 25, 1945. 287 B866

Statistical.

28922 CANADA. DEPT. OF AGRICULTURE. MARKETING SERVICE. Annual market review, 25th, 1944, 92 p., processed. Ottawa, 1945. 280.39 C16A

Pt. 1: The live stock and meat trade; pt. 2: Output of live stock.

28923 MOLLIN, F. E. Cattle feeding in the war years. Amer. Cattle Prod. 27(5): 8, 33. Oct. 1945. 49 P94

Statistics.

28924 NATIONAL ASSOCIATION OF WOOL MANUFACTURERS. Activities...for 1944. Natl. Assoc. Wool Mfrs. B. 74, 665 p. N. Y., 1944. 45.9 N21B

Contains statistics of fiber consumption, number of sheep and Angora goats, and production, prices of, and trade in wool and mohair.

#### OILS AND OILSEEDS

28925 ALONSO, E. La zona sur representa el 66% de las hectáreas que ocupa el olivo en España y su producción es el 80% de la nacional. Aliment. Nac. 3(39): 8-9. Dec. 1944. 389.8 AL42

28926 ARGENTINA. MINISTERIO DE AGRICULTURA. DIRECCIÓN DE ESTADÍSTICA. Informe internacional sobre lino (semilla); campaña agrícola 1944 ó 1944/45 y perspectivas para 1945 ó 1945/46. Bolsa de Cereales, Buenos Aires. Rev. 32(1714): 40, 42-47, 49-50. Aug. 25, 1945. 287 B866

Statistical.

Also in Bolsa de Com., Rosario. Rev. 33(807): 39-43. Aug. 31, 1945. 287 R71

28927 BABCHEV, N. Vegetable oil industry in Bulgaria. Cent. European Trade Rev. 3: 171. Sept. 1945. 286.8 C334

28928 BRAY, G. T. Some Empire vegetable drying oils. (Abs.) Chem. & Indus., No. 37, p. 293-294. Sept. 22, 1945. 382 M31C

28929 BRAY, G. T., and MAJOR, F. Sunflower seed from Nigeria. Gt. Brit. Imp. Inst. B. 43: 83-86. Apr./June 1945. 26 G79

Includes composition of seed and meal.



- 28930 BROWN, A. Margarine and the future of soybeans. *Soybean Digest* 5(11): 35, 78. Sept. 1945. 60.38 So9
- 28931 CARMODY, D. R., DEJONG, W., and SMITH, T. R. Buttonwood (*Abutilon theophrasti*) seed oil; a source of linoleic acid. *Oil & Soap* 22: 263-265. Oct. 1945. 307.8 J82
- 28932 CHILDS, W. H. Soy bean oil - its use in candy. *Mfg. Confectioner* 25(9): 20-21. Sept. 1945. 389.8 M31
- 28933 CLAY, H. J. Peanut butter production expected to increase this season proportionately more than that of other peanut products. *Peanut J. and Nut World* 24(12): 23, 25. Oct. 1945. 77.8 F313
- 28934 COLLINS, E. Reaction of diazotised p-nitraniline with phenols: detection of tricresyl phosphate in edible oil. *Analyst* 70: 326-330. Sept. 1945. 382 Anl
- 28935 FALKENBURG, L. B., and COWAN, J. G. Norelac; a new resin derived from soybean oil. *Soybean Digest* 5(12): 8-9. Oct. 1945. 60.38 So9
- 28936 FILARETTO, A. El aceite de lino como combustible Diesel de emergencia. *Argentina. Sec. de Indus. y Com. B.* 1(7/8): 442-450. Apr./May 1945. 280.9 Ar3
- 28937 GABEL, C., and SUNDERLIN, G. Tenderness of pastries made with different soy flours. *Oil & Soap* 22: 271-272. Oct. 1945. 307.8 J82
- 28938 GARCÍA ROMERO, A. Nuestro aceite de oliva: cantidad y calidad. *Aliment. Nac.* 4(45): 2. Mar. 25, 1945. 389.8 Al42
- Spain.
- 28939 GUENTHER, E. A survey of Spanish essential oils. *Amer. Perfumer and Essential Oil Rev.* 47(10): 41-43. (Concl.) Oct. 1945. 308.8 Am3
- 28940 "INDO" INDUSTRIAS DE OLEAGINOSOS, SOCIEDAD ANONIMA COMERCIAL. Memoria y balance correspondiente al segundo ejercicio cerrado el 31 de diciembre de 1944. *Bolsa de Com., Buenos Aires. B.* 41: 1425-1431. Sept. 24, 1945. 287 B863B
- 28941 JOHNSON, E. F. Soybeans in the postwar world. *Soybean Digest* 5(11): 19-20, 31. Sept. 1945. 60.38 So9
- 28942 L., E. La fabrication de l'huile de pépins de raisin et l'utilisation rationnelle du marc. *Genie Civil* 119: 281-282. Oct. 15, 1942. 290.8 G29
- 28943 LEMON, H. W., LIPS, A., and WHITE, W. H. Flavour reversion in hydrogenated linseed oil. II. Effect of variations in processing procedures. *Canad. J. Res. Sect. F, Technol.* 23: 295-303. Sept. 1945. 470 Cl6F
- 28944 LEWIS, V. W. Peanuts important to South, as feed source, and for soil building value; will Corn Belt soy production remain high? *Southeast. Cattleman* 5(4): 8. Oct. 1945. 43.8 F66A
- 28945 LÓPEZ OLARTE, C. El sabor a rancio del aceite. *Agrario* 9(364): 11. June 30, 1945. 9.3 Ag85
- 28946 MANSE, P. L'industrie huilière; la presse et l'extraction. *Monit. de l'Aliment.*, No. 371, p. 5-6. June 1945. 389.8 M74
- Extraction from oilseeds.
- 28947 MÁRSICO, D. F. La industria de los aceites vegetales en el país. *Suelo Argentino* 4: 589, 509. Sept. 1945. 9 Su2
- 28948 MIRCHANDANI, R. T. Possibilities of cultivation of toria and linseed in Sind. *Indian Farming* 6: 312-313. July 1945. 22 In283
- Economic aspects.
- 28949 MORSE, W. J. Soys in food; future of vegetable varieties. *Soybean Digest* 5(11): 34-35, 58. Sept. 1945. 60.38 So9
- 28950 NEWBURGER, S. H. Estimation of FD&C yellow Nos. 3 and 4 in cottonseed and other vegetable oils. *Assoc. Off. Agr. Chem. J.* 28: 636-639. Aug. 15, 1945. 381 As7
- 28951 O'CONNOR, R. T., HEINZELMAN, D. C., and DOLLEAR, F. G. Spectrophotometric estimation of soybean oil in admixture with cottonseed and peanut oils. *Oil & Soap* 22: 257-263. Oct. 1945. 307.8 J82
- 28952 PARK, J. B. Twenty-nine years with soybeans in Ohio. *Soybean Digest* 5(11): 25, 53. Sept. 1945. 60.38 So9
- 28953 REED, L. Soys in cotton country. *Soybean Digest* 5(11): 24, 64. Sept. 1945. 60.38 So9
- 28954 ROBINSON, J. L. Processing seed pays cotton planters. *News for Farmer Coops.* 12(7): 9, 18. Oct. 1945. 166.2 W47
- The Delta Products Company at Wilson, Ark.
- 28955 S., E. H. G. The development of the soya bean crop in the United States. *Gt. Brit. Imp. Inst. B.* 43: 88-93. Apr./June 1945. 26 G79
- Includes economic aspects of the industry.
- 28956 \*SOROA Y PIÑEDA, J. M. Acto de conciliación entre los partidarios de estos o de aquellos métodos de extracción de aceite. *In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr.*, p. 5-10. Madrid, 1945. 15 Spl2C
- Olive oil.
- 28957 STUART, L. S. The future of soya foods. *Soybean Digest* 5(12): 10-11, 13. Oct. 1945. 60.38 So9
- 28958 VARIER, N. S. Fixed oil from the seeds of *Gnetum scandens* (Roxb.). *Ind. Acad. Sci. Proc. Sect. A* 17: 195-198. June 1943. 513 In25
- 28959 VILLANUEVA, S. F. Se puede producir en el país todo el aceite comestible que importamos. *Chacra* 15(179): 12. Sept. 1945. 9 C34
- Production possibilities in Argentina.

## POULTRY AND POULTRY PRODUCTS

- 28960 ALEXANDER, A. K. S. These houses are still empty. *Farmer & Stock-Breeder* 59: 1409. Sept. 4, 1945. 10 F228
- The poultry situation in Great Britain.
- 28961 ALTHOUSE, S. L. Let's try to look into the near-term future of eggs, chicks and feed. *Hatchery Tribune* 19(10): 13, 58-59. Oct. 1945. 47.8 H28
- 28962 CAGLE, A. J. Poultry and eggs. *Wash. State Col. Ext. Timely Econ. Inform.*, No. 51, p. 16-17. Aug. 1945. 275.29 W27T
- Situation and outlook.
- 28963 CLINE, L. E. Turkey outlook for 1945. *Norbest Turkey News* 10(3): 1, 5-6. Sept. 1945. 47.38 N75
- 28964 COHEN, R. M. Put on your poultry selling togs. *Butchers' Advocate* 118(14): 11-12. Oct. 3, 1945. 286.85 B97
- 28965 CONNECTICUT. DEPT. OF AGRICULTURE. BUREAU OF MARKETS. Connecticut egg grades, rules, regulations and laws. *Conn. Dept. Agr. B.* 90, 16 p. Hartford, 1945. 2 C76B
- 28966 ELLIS, F. E. Maritime Poultry Council plots post-war program. *Family Herald and Weekly Star* 76(40): 15. Oct. 3, 1945. 7 F21
- 28967 ELLIS, F. E. N. B. poultrymen face the facts. *Family Herald and Weekly Star* 76(39): 9. Sept. 26, 1945. 7 F21
- New Brunswick, Canada, poultry industry.
- 28968 ELLIS, F. E. Why low regg grades in summer? *Family Herald and Weekly Star* 76(43): 19. Oct. 24, 1945. 7 F21
- 28969 HARDT, C. V. Fresh egg buying completes hatchery service program. *Poultry Supply Dealer* 22(4): 13, 40. Apr. 1945. 47.8 B11
- First in a series on fresh egg marketing.
- 28970 HARDT, C. V. How cold storage rounds out hatchery egg deal; spring surplus can be held in warehouses for sale in fall when supplies are short. *Poultry Supply Dealer* 22(7): 22, 62. July 1945. 47.8 B11
- The final article of a series on egg marketing.



28971 HART, C. V. How hatcheries can find fresh egg outlets; market possibilities can be divided into five major classifications. Poultry Supply Dealer 22(6): 12, 28-29. June 1945. 47.8 B11

28972 HART, C. V. How to set up a hatchery fresh egg department; operating capital required roughly equals incubator capacity multiplied by two cents. Poultry Supply Dealer 22(5): 14, 28. May 1945. 47.8 B11

28973 HAWKIN, S. Egg graders aren't thieves. Family Herald and Weekly Star 76(42): 15. Oct. 17, 1945. 7 F21

28974 HIRSCH, A. Consumers hold key to industry prosperity; there's no egg and poultry surplus now, but what will happen when beef comes back? Poultry Supply Dealer 22(7): 18, 50-52. July 1945. 47.8 B11

28975 HIRSCH, A. Reconversion hits poultry markets. Sharp cuts in Government buying and food rationing put end to chicken famine. Poultry Supply Dealer 22(10): 13, 40. Oct. 1945. 47.8 B11

28976 HORTON, D. H. Semi-scald recommended for dressing poultry. Cackle and Crow 27(12): 11. Oct. 1945. 47.8 C11

28977 HUTTAR, J. C. Planning the poultry industry. Amer. Egg & Poultry Rev. 6: 534, 536. Sept. 1945. 47.8 Am38

28978 JULL, M. A. Safeguarding the Peninsula broiler industry's future. Peninsula Broiler J. 5 (11): 1, 5. Oct. 1, 1945. 47.8 P37

28979 KELLEY, D. Egg and poultry marketing success hinges on quality; attention to handling, packing, shipping benefits egg-marketing hatcheryman, producer. Poultry Supply Dealer 22(9): 11, 36. Sept. 1945. 47.8 B11

28980 KELLEY, D. Eggs and poultry major factors in Frantz' success; chicks, farm supplies and produce give Pueblo hatcheryman diversification aplenty. Poultry Supply Dealer 22(10): 14, 34. Oct. 1945. 47.8 B11

The Frantz Supply Company and Hatchery, Pueblo, Colo.

28981 LEVERENZ, W. Canning chicken at home. Prog. Farmer, Tex. Ed. 60(11): 44-45. Nov. 1945. 6 T311

28982 \*LÓPEZ Y LÓPEZ, C. Los microbios del huevo. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 137-145. Madrid, 1945. 15 Spl2C

28983 MCMUNN, E. W. Good eggs bring more money. Ohio Farmer 196(7): 5, 27. Oct. 6, 1945. 6 Oh3

Egg storage.

28984 REIKER, Z. M. Turning off a thousand capons. Family Herald and Weekly Star 76(42): 15. Oct. 17, 1945. 7 F21

Fattening of capons for fall killing by a Quebec farmer.

28985 RISHER, F. W. Poultry industry has grown; war increased poultryman's opportunity. Fla. Grower 53(10): 18. Oct. 1945. 80 F6622

28986 SALDÍAS, M. O. La avicultura, industria importante. Chacra 15(179): 54-55. Sept. 1945. 9 C34

Argentina.

28987 SMALL, M. C. Forty million gobblers! Turkeys answer Nation's plea for more meat. Business of Farming 4(4): 13. Sept. 1945. 6 B96

28988 STONE, W. G. Frozen turkeys ready to roast. Quick Frozen Foods 8(2): 46-47. Sept. 1945. 389.8 Q4

28989 TODD, L. Our industry at the cross-roads; poultrymen through their own organizations have ability with determination to solve many of the complex problems now reaching a critical stage. Amer. Egg & Poultry Rev. 6: 510, 514, 516. Sept. 1945. 47.8 Am38

28990 TOWNSLEY, T. S. We have won the war! What next? Smith's Chickagrams 14(9): 2-3. Sept. 1945. 47.8 Sm6

Effect of end of war on the poultry industry.

28991 VICKERMAN, E. A challenge to home egg producers; their fault if foreigners are allowed to capture the [British] market. Mod. Poultry Keeping 53: 209. Sept. 19, 1945. 47.8 Eg3

28992 WILLIAMSON, H. F. Broiler reconversion in Delmarva. Amer. Egg & Poultry Rev. 6: 540, 542. Sept. 1945. 47.8 Am38

## RUBBER AND RUBBER SUBSTITUTES

28993 AMERICAN SOCIETY FOR TESTING MATERIALS. A. S. T. M. standards on rubber products (with related information)...methods of testing specifications. 1944, 519 p. Philadelphia, 1945. 305.9 Am3

28994 CARRILLO ESCOBEDO, H. El oro negro de nuestras selvas. Sementera (ser. 2) No. 2, p. 20-22, 24. May 28, 1945. 9.5 Se5

Extraction and processing of Ecuadorian rubber.

28995 HENDRICKS, S. B., WILDMAN, S. G., and JONES, E. J. Differentiation of rubber and gutta hydrocarbons in plant materials. Arch. Biochem. 7: 427-438. Sept. 1945. 381 Ar2

28996 REBUELTO, E. Las plantas productoras del caucho. Mex. Sec. de Relac. Exteriores. Rev. del Com. Exterior 10(6): 8-12. (Cont.) June 1945. 286.8 M575

28997 RETI, L. El caucho sintético. Mex. Sec. de Relac. Exteriores. Rev. del Com. Exterior 10(6): 13-19. June 1945. 286.8 M575

28998 RIDLEY, C. The world's rubber. Internatl. Indus. 26: 344-345. Oct. 1945. 382 In8

## SEEDS

28999 \*BLANCHARD, M., and SONNTAG, G. Coloration des semences de haricots. Acad. d'Agr. de France. Compt. Rend. 28: 399-401. Apr. 29/May 6, 1942. 14 P215

29000 BREITHAUP, L. R. The price outlook for Oregon seed crops. (Digest.) Oreg. Seed Growers League. Proc. (1945) 4: 29-30. 61.9 Or3

29001 CLAASSEN, C. E., and KIESSELBACH, T. A. Safflower seed production. Grain & Feed J. Consolidated 95: 217. Sept. 26, 1945. 298.8 G762

29002 DISBROW, C. H. Shortage in kraft seed, bags, packets necessitates early ordering. South. Seedman 8(10): 59-60. Oct. 1945. 61.8 So8

29003 \*GARCÍA ROMERO, A. Las semillas y su comercio. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 131-136. Madrid, 1945. 15 Spl2C

29004 GERBER, J. R. The Oregon seed grower's next frontier. Oreg. Seed Growers League. Proc. (1945) 4: 31, 33, 35, 37, 39. 61.9 Or3

29005 \*MADUENO BOX, M. Producción nacional de semillas. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 77-84. Madrid, 1945. 15 Spl2C

29006 NORTH DAKOTA. SEED DEPT. Requirements for certified seed production in North Dakota. N. Dak. Seed Dept. B. 51, rev., 22 p. Fargo, 1945. 61.9 N813

29007 OAKSMITH, D. P. Some thoughts on seed rice. Rice J. 48(9): 21-22. Sept. 1945. 59.8 R36

Quality.

29008 25 AÑOS a la vanguardia en la purificación de semillas; el Establecimiento Purificador "Correa"; una industria necesaria. Agrario 10(365): 25. July 31, 1945. 9.3 Ag85

Chile.



## SUGAR AND SIRUPS

- 29009 BALCH, R. Y., BROEG, C. M., and AMBLER, J. A. Aconitic acid in sugar cane products. Sugar 40(10): 32-35. Oct. 1945. 65.8 F11
- 29010 BREWSTER, J. F. Report on color and turbidity in sugar products. Assoc. Off. Agr. Chem. J. 28: 540-541. Aug. 15, 1945. 381 As7
- 29011 CANADA. DEPT. OF TRADE AND COMMERCE. BUREAU OF STATISTICS. GENERAL MANUFACTURES BRANCH. Report on the sugar industry in Canada, 1944, 9 p., processed. Ottawa, 1945. 253 C3321
- 29012 CORTES, M. R. El azúcar en Cuba. Mex. Sec. de Relac. Exteriores. Rev. del Com. Exterior 10 (6): 20-23. June 1945. 286.8 M575
- 29013 CROSS, W. E. El problema de la caña hecha en la fabricación de azúcar. Tucumán. Estac. Expt. Agr. B. 52, 42 p. Tucumán, 1945. 102.5 T79B
- 29014 CUBA ECONÓMICA Y FINANCIERA. Anuario Azucarero de Cuba (Cuba Sugar Year Book), 1945, 184 p. Habana, 1945. 281.3659 C89
- 29015 D'ANSEAU, P. L'industrie de l'érable. Abeille et l'Érable (ser. 2) 14: 99-100. (Cont.) Sept. 1945. 424.8 Ab32
- 29016 GRAZIANO, A. A. Reflexiones acerca del decreto sobre el problema azucarero [Argentina]. Indus. Azucarera 51: 458-460. Aug. 1945. 65.8 In22
- 29017 LAMBORN, O. H. What next on sugar? Amer. Cookery 51(2): 26-27, 63-64. Oct. 1945. 389.8 B65
- 29018 MCCLEERY, W. L. Annual synopsis of mill data, 1944. Hawaiian Sugar Planters' Assoc. Expt. Sta. C. 84, 11 p. Honolulu, 1945. 100 H31C  
Supplement to Hawaiian Planters' Rec., v. 49, No. 1, First quarter, 1945.
- 29019 McDONALD, E. J. Report on chemical methods for reducing sugars. Assoc. Off. Agr. Chem. J. 28: 536-540. Aug. 15, 1945. 381 As7
- 29020 MACDONALD, J. C. Undetermined losses of sugar in beet sugar manufacture. Internatl. Sugar J. 47: 236-239. Sept. 1945. 65.8 In8
- 29021 PADRON, R. Situación económica de la industria azucarera en Venezuela. Indus. Azucarera 51: 493-496. (To be cont.) Aug. 1945. 65.8 In22
- 29022 ROMERO MANRIQUE, A. Instrucciones generales para la elaboración de panelas. Manabí, Ecuador. Consorcio de Cent. Agr. B. 7(42): 48-50, 52-53. (To be cont.) Apr./June 1945. 9.5 M31
- 29023 SALINAS, J. G. Humedad del aire como factor de daños para el azúcar. Chacra 14(164): 70-71. June 1944. 9 C34  
Deterioration of raw sugar during storage and transportation.
- 29024 SNYDER, C. F. Report on sugar and sugar products. Assoc. Off. Agr. Chem. J. 28: 531-534. Aug. 15, 1945. 381 As7
- 29025 SOME facts about Formosa and its sugar industry. Lamborn Sugar Market Rpt. 23: 213. Sept. 25, 1945. 286.86 L17
- 29026 SUGAR; prize of the galleons. Amer. Cookery 51(2): 22-23, 56-57. Oct. 1945. 389.8 B65
- 29027 THE SUGAR industry of Trinidad; grave position; State aid needed. West India Com. C. 59: 69-70. Apr. 1944. 8 W524  
Findings and recommendations of the Benham Committee whose report has been published in Trinidad as a Council Paper.
- 29028 SUGAR showdown; next cane season can be decisive in testing economics of the ion exchange purification method at Louisiana State University's Audubon Sugar Factory. Business Week, No. 842, p. 57-58. Oct. 20, 1945. 280.8 Sy8
- 29029 SYRUPS from the plant world; via tree: maple syrup; via vat: corn syrup; via bee: honey. Amer. Cookery 51(2): 24-25, 59-61. Oct. 1945. 389.8 B65

## TOBACCO

- 29030 VILLIERS, O. D'H. DE. Sur de nouvelles recherches relatives a la préservation du jus pour le dosage précis du saccharose. Rev. Agr. de l'île Maurice 24: 150-160. May/June 1945. 24 M44  
Sugar manufacture.
- 29031 ZERRAN, F. W. Errors in the sampling and analysis of cane molasses. Assoc. Off. Agr. Chem. J. 28: 616-619. Aug. 15, 1945. 381 As7
- 29032 FERNÁNDEZ, R. J. "Los tabacos nacionales en la industria tabacalera." Argentina. Sec. de Indus. y Com. B. 1(7/8): 493-497. Apr./May 1945. 280.9 Ar3
- 29033 HEDRICK, W. P. Tobacco prospects good. Farmers Fed. News 26(2): 11. Oct. 1945. 280.28 F225
- 29034 MIÈGE, E. La culture du tabac au Maroc; possibilité et utilité de son extension. Inform. Maroc. (n. s.) 14(285, 1. e. 286): 4. Aug. 30, 1945. 281.8 In3
- 29035 \*PICASSO VICENT, A. El cultivo del tabaco en España. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 105-111. Madrid, 1945. 15 Spl2C

## MISCELLANEOUS PRODUCTS

- 29036 BIANCHI, P. A. J. Sobre la yerba mate. Chacra 14(164): 38-39, 46. June 1944. 9 C34
- 29037 BURTON, D., and LEE, G. The determination of the acid and salt contents of vegetable tanning extracts and liquors - the error caused by excessive dilution. Internatl. Soc. Leather Trades' Chem. J. 29: 204-209. Sept. 1945. 303.9 Sol2
- 29038 CLARK, T. F., WILLIAMSON, R. V., and LATHROP, E. C. Agricultural residues in plastics. Part I. Agricultural residue flours. Mod. Plastics 23(2): 158-160, 214, 216, 218. Oct. 1945. 309.8 P69  
Description of research carried out at the Northern Regional Research Laboratory.
- 29039 CUTTING, C. L. The effect of refrigeration and dehydration on the composition, keeping quality and culinary properties of fish. Nutr. Soc. Proc. 2: 113-120. 1944. 389.9 N953
- 29040 EZCURRA, F. L. La yerba mate en la Argentina. Argentina. Sec. de Indus. y Com. B. 1(7/8): 382-386. Apr./May 1945. 280.9 Ar3
- 29041 JONES, J. I. Agricultural products as raw materials for the plastics industry. Pt. I. Brit. Plastics 17: 358-363. Sept. 1945. 309.8 B76
- 29042 \*MARCILLA ARRAZOLA, J., and FEDUCHY MARINO, E. Las materias primas españolas para la fabricación de "levaduras-panes". - Primera comunicación: Contribución al estudio de la composición de los rizomas tuberosos de las especies de gamones (Asphodelus) espontáneas en España. Spain. Inst. Nac. de Invest. Agron. B. 12, p. 153-227. May 1945. 105.6 Spl4
- 29043 MAY, O. E. New uses for farm waste. Mfrs. Rec. 114(10): 42-43, 76. Oct. 1945. 297.8 M31
- 29044 PAFPO, M. ¿Qué son los materiales plásticos? Uruguay Indus. 1: 114. Mar./Apr. 1945. 280.8 Ur8  
Natural and synthetic resins, cellulose derivatives and proteins.
- 29045 PINNEY, J. J. Beginning in the nursery business. Amer. Nurseryman 82(6): 5-6; (7): 9-10; (8): 12, 14. (Cont.) Sept. 15, Oct. 1, 15, 1945. 80 Am371
- 29046 PLASTICS in Uruguay. Foreign Com. Weekly 21(1): 10-11. Sept. 29, 1945. 157.54 F763  
Based on report by R. G. Glover.  
Sources include residues of the farm.



29047 QUARTINO, R. L. The use of straw in the manufacture of cellulose; prospects in Argentina. *Rev. River Plate* 99(2804): 12-13. Sept. 7, 1945. 286.8 R32

Text in Spanish, p. 46-47.

29048 SHEWAN, J. M. The effect of smoke curing and salt curing on the composition, keeping quality and culinary properties of fish. *Nutr. Soc. Proc.* 2: 105-112. 1944. 389.9 N953

29049 \*UGARTE, J. Destilación de plantas aromáticas. In Spain. *Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr.*, p. 301-308. Madrid, 1945. 15 Spl2C

29050 WEATHERBY, H. Kamloops [British Columbia] goes into hops. *Family Herald and Weekly Star* 76 (43): 16. Oct. 24, 1945. 7 F21

On the Campbell Creek Hop Plantations.

29051 WINSTON, J. J., and JACOBS, B. R. Method for differentiating between egg lecithin and soybean lecithin in macaroni and noodle products. *Assoc. Off. Agr. Chem. J.* 28: 607-616. Aug. 15, 1945. 381 As7

#### AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

##### GENERAL

29052 \*AGARWALA, A. N. Economic planning and agriculture. *Indian J. Econ.* 26(100): 61-82. July 1945. 280.8 In22

29053 BAKER, J. E. Industrializing the good earth; China's new industries need to be built from the ground up, not from the heavens down. How can the ground best be prepared? *Fortune* 32(5): 149-156, 178, 180, 183-184, 187-188, 190, 193, 196, 198, 200, 202. Nov. 1945. 110 F772

Includes discussion of farm production, transportation, village industries, and rural credit in China.

29054 BRAZIL. MINISTRY OF FOREIGN AFFAIRS. Brazil 1943, resources and possibilities, 630 p. Rio de Janeiro, 1944. 255.3 R473

Contains economic data on the agricultural products of Brazil and sections on land reclamation, labor, colonization, and agricultural education.

29055 CRAWFORD, J. G. Rural reconstruction. *Austral. J. Sci.* 6: 37-40. Oct. 21, 1943. 475 Au72

29056 DAVIS, C. C. Earth is no cushion. *Land* [Baltimore], 4: 304-306. Summer 1945. 279.8 L22

Economic prospects of the farmer.

29057 DEUTSCHLANDS wirtschaftliche zukunft; gedanken eines schweizerischen agrarpolitikers. *Schweiz. Bauernztg.* 45: 35-36. Sept. 1945. 280.28 Sch93

29058 FRASER, F. W. Australia's economy and trade: a postwar review. *Canada. Dept. Trade and Com. Com. Intel. J.* 73: 322-331. Oct. 6, 1945. 286.8 C16

29059 GARCÍA MENÉNDEZ, B. La técnica industrial y la producción agrícola. *Cult. Mod.* 28: 96. Mar. 1945. 15 C89

29060 GRAJDANZEV, A. J. Korea divided. *Far East. Survey* 14: 281-283. Oct. 10, 1945. 280.9 In782

Includes division of population, cultivated area, and crops and distribution of farmers by size of farms.

29061 HOBLITZELLE, K. Revitalization of agriculture stressed; Centennial Commission looks to a better rural life in the Lone Star State. *East Tex.* 20(1): 9. Oct. 1945. 6 Ea73

29062 HUDDLE, F. P. Rehabilitation of the Philippines. *Ed. Res. Rpts.* 1, p. 263-279. Apr. 12, 1945. 280 Ed42

29063 INTERNATIONAL LABOUR CONFERENCE, 27, Paris, 1945. Director's report, No. 1, 163 p. Montreal, 1945. 283.9 In8R

Includes food supplies and relief in Europe and international trends in agriculture, particularly labor and wages.

29064 ITALIAN economy today. *Foreign Com. Weekly* 21(1): 3, 31. Sept. 29, 1945. 157.54 F763

Based on report from U. S. Embassy, Rome.

29065 KIRCHER, W. H. Denmark; a fortunate country by comparison to others in Europe, yet it is having its troubles too. *Farmer* [St. Paul], Gen. Ed. 63(13): 1, 18-19. Oct. 6, 1945. 6 F2211

Food, and agricultural and economic conditions.

29066 LEXINGTON ADVERTISER-NEWS. Annual agricultural edition, Aug. 17, 1945, 46 p. 6 L59

Partial contents: Congressman Schwabe has misgivings about proposed full employment legislative action; fears effect of such enactments on interests of farm operator and agricultural worker, by M. Schwabe, p. 1; President Slusher outlines services being rendered by State Farm Bureau, by R. E. Slusher, p. 1; Watch farm land prices, because of danger of price level decline, by R. I. Coplen, p. 12; Social and educational phases of service rendered by Missouri Farm Bureau are varied, by Mrs. C. Schuttler, p. 32; Three phases of agriculture work bring well-rounded course to local students, by E. J. Early.

29067 MARÍN BLANCO, E. Nuestro gran panorama nacional. *Agr. Costarricense* 3: 321-324. (To be cont.) July 1945. 8 Ag895

Observations on the state of agriculture and rural life.

29068 \*MIR, R. M. La huerta del rumí. *Cult. Mod.* 28: 83-85. Mar. 1945. 15 C89

Includes agriculture in description of Sahara region.

29069 MIRANDA, A. Informe... a la 2ª asamblea general de la Asociación de Ingenieros Agrónomos. *Agr. Trop.* 1(7): 55-57. (To be cont.) Aug. 1945. 26 Ag8

Discusses a five-year plan of agriculture for Colombia and agricultural education.

29070 \*MORALES FRAYLE, E. La industria gallega y la agricultura en la exposición que se celebra en Vigo. In Spain. *Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr.*, p. 309-316. Madrid, 1945. 15 Spl2C

29071 OLLEA, D. E. La inmigración que necesitamos, es para trabajar la tierra y aumentar la población. La colonización desarrollada en el país, en los últimos 50 años, ha sido el factor más preponderante del progreso agrícola-ganadero. *Gac. Algodonera* 22(259): 1-2. Aug. 31, 1945. 72.8 G11

Argentina.

29072 PEÑA, M. T. DE LA. Bosquejo económico y social del Estado de Campeche. *Soc. Mex. de Geog. y Estadística* 60: 553-582. July/Aug. 1945. 516 M57B

Includes the land, settlement, and agriculture.

29073 PETERSON, A. W., PARRISH, B. D., and BUCHANAN, M. T. Preliminary report on the relation of economic land use classes to farm income. *Wash. State Col. Ext. Timely Econ. Inform.*, No. 51, p. 21-25. Aug. 1945. 275.29 W27T

29074 PLAZA, S. DE LA. Inmigración y reforma agraria. *Méx. Agr.* 7: 171-197. July/Sept. 1945. 280.8 M57

Venezuela.

29075 \*QURESHI, A. I. A planned economy for Hyderabad. *Indian J. Econ.* 26(100): 83-100. July 1945. 280.8 In22

Includes education and rural development.

29076 REED, V. D. Basic trends of population and purchasing power. (Excerpts.) *Printers' Ink* 213(4): 129-130, 132, 134. Oct. 26, 1945. 238.8 P932

Includes farm markets.



29149-29187

29149 INGRAMS, H. A survey of the outlook in southern Arabia. *Gt. Brit. and East* 61(1751, Near and Middle East Issue): 92 N. M.-96 N. M. Sept. 1945 286.8 M27

Includes the importance of agriculture.

29150 JONES, C. B. The agriculture of Wales and Monmouthshire. *Welsh J. Agr.* 18: 173-175. July 1945. 10 W46

29151 KIRCHER, W. Denmark; where 96% of the farmers own their farms; good farming is a watchword, and livestock is tailor-made for the buyers. *Farmer [St. Paul]*, Gen. Ed. 63(20): 1, 22-24. Oct. 20, 1945. 6 F2211

29152 \*LAL, H. Agriculture in the Bombay Plan. *Indian J. Econ.* 26(100): 43-60. July 1945. 280.8 In22

29153 LASO, L. E. Plan de fomento inmediato de la economía nacional; exposición de motivos. *Ecuador. Min. de Econ. Inform. Econ.* 1(4): 1-3. Feb. 1945. 285.5 Ec97

Text also in English.

An agricultural program for Ecuador.

29154 MACKAY, R. El comercio y las finanzas en Gran Bretaña. *Veritas* 15: 692-693. June 15, 1945. 280.8 V58

Includes prospects for agriculture.

29155 MADDOX, J. G., and JARRETT, H. Many southern families are troubled by problems of farming. *Mod. Farmer* 18(8): 1-2. Sept. 15, 1945. 6 M725

29156 MARTIN, F. J. Praises [Washington] State's farmers for war production record. *Pacific Northwest Grocer & Meat Dealer* 41(9): 38, 40. Sept. 1945. 286.28 P11

29157 MATEUS, L. Labor efectiva del Ministerio de Economía en la Provincia de Bolívar. *Manabí, Ecuador. Consorcio de Cent. Agr. B.* 7(42): 47-48. Apr./June 1945. 9.5 M31

Proposed developments in agriculture.

29158 MONTERREY, P. Fera-t-on du Gharb une Califforie Marocaine? [Pt. 1.] *Intransigent Maroc.* 6(226): 1. Sept. 14, 1945. 280.8 In89

Agriculture in the Gharb region of Morocco.

29159 PRIANISHNIKOV, D. N. Some wartime agricultural problems in the Soviet Union. *Foreign Agr.* 9: 146-150. Oct. 1945. 1.9 Ec7For

29160 STANGEL, W. L. The South Plains, its farm problems. *Prog. Farmer, Tex. Ed.* 60(11): 18, 63. Nov. 1945. 6 T311

29161 TALESARA, S. C. The question of agricultural improvement in Rajputana. *Indian Farming* 6: 316-318. July 1945. 22 In283

29162 THOMSON, J. What's ahead for agriculture? *Ill. Agr. Assoc. Rec.* 23(9): 8-9. Oct. 1945. 6 IL62

29163 TURNER, J., and HUDSON, R. S. The future of agriculture [in Great Britain]. *Farmers' J. and Farmer's Wife* 25: 272. July 1945. 10 F2234

29164 ULLOA S., A. G. Impresiones... en su viaje de estudio y trabajo por las Repúblicas de México y Estados Unidos. *Manabí, Ecuador. Consorcio de Cent. Agr. B.* 7(42): 5-8, 9. Apr./June 1945. 9.5 M31

Observations on agriculture.

29165 VILLOTA Y D., J. Uno de los planes para el mejoramiento económico del Ecuador en la posguerra. *Veritas* 15: 688-689. June 15, 1945. 280.8 V58

Includes an agricultural program.

29166 WHALIN, O. L. Some developments in wartime agricultural production in Illinois. *Ill. State Acad. Sci. Trans.* (1944) 37: 33-35. 500 IL6

29167 WILLIAMS, T. Mr. Tom Williams wants - more wheat sown; no easing up in production; a sure market; fair prices; enough manpower; attractive wages; better housing and amenities. *Farmer & Stock Breeder* 59: 1517. Sept. 25, 1945. 10 F228

### Agriculture, Postwar

29168 KLINGE, G. Política agrícola de post-guerra. *Agroonomía [Lima]* 10(41): 11-14. May/June 1945. 9.8 Ag83

29169 MULHOLLAND, W. W. Production increase ahead. *Straight Furrow* 4(10): 13. Aug. 15, 1945. 281.8 St8

Analysis of postwar farming in New Zealand.

29170 TORRES Y DE CÁRDENAS, P. R. DE. La agricultura y la post-guerra. *Agr. Levantino* 10(114): 3. May 15, 1944. 15 Ag85

Spain.

29171 VEITCH, H. C. Future of farming; place with secondary industry. *New Zeal. Farmer Weekly* 66(12): 21. Aug. 23, 1945. 23 N484

29172 WARD, A. L. The American farmer faces a postwar world. *Cotton and Cotton Oil Press* 46(21): 6-7, 11. Oct. 20, 1945. 304.8 C822

### Subsidies

29173 CONWAY, H. M. Continued subsidies will put live stock in a bad position. *Natl. Live Stock Prod.* 24(1): 10. Oct. 1945. 280.38 N21

29174 JOHNSON, S. M. Milk price increase may follow end of subsidies. *C. M. F. A. B.* 27(313): 6. Sept. 1945. 44.9 C768

### FARM MANAGEMENT AND LAND ECONOMICS

29175 AVILA CAMACHO, M. La obra agraria revolucionaria. *Mex. Sec. de Relac. Exteriores. Rev. del Com. Exterior* 10(6): 1-2. June 1945. 286.8 M575

29176 BEALE, C. Tours showing GI Joes Florida agriculture; Army hospital teaches farm management as war shock therapy and for rehabilitation. *Fla. Grower* 53(10): 5, 11. Oct. 1945. 80 F6622

29177 BEELER, M. N. Tub bottom farming; system that developed in Missouri needed no magic of hat-spawned rabbits to make it succeed. *Capper's Farmer* 56(11): 24. Nov. 1945. 6 M693

Balanced farming.

29178 BOIKO, F. Dva goda sozidatel'nogo truda [Two years of constructive work]. *Sovkhoz. Proizvod.* 4(12): 5-9. Dec. 1944. 20 So85

Reconstruction of State farms in the Stavropol' region.

29179 BURNS, R. H. Large British ranch company made history on Laramie Plains. *Westerner* 8(9): 40-42. Oct. 1945. 49 W522

29180 CHARLES, T. B. So you want to be a hen man! *Rural New-Yorker* 94: 461, 480. Oct. 20, 1945. 6 R88

29181 CHEETHAM, G. The post-war programme of the Ordnance Survey with special reference to large scale maps. *Chartered Surveyors' Inst. Trans.* 77: 33-45. 1944/45. 282.9 C38J

Issued in *Chartered Surveyors' Inst. J.*, v. 24, pt. 11, May 1945.

29182 DAYTON, J. W. The returning veteran in the fruit business. *Mass. State Col. Ext. Fruit Notes*, Sept. 28, 1945, p. 1-2, processed. 275.29 M381Fr

29183 DICKERSON, J. H. American agriculture - I. *Gt. Brit. Min. Agr. Agriculture* 52: 289-294. Oct. 1945. 10 G79J

Type-of-farming areas and the representative farm.

29184 DIMITROV, K. Agrarni vopros i agrarnaia reforma v Rumynii [The agrarian question and the agrarian reform in Rumania]. *Mirov. Khoz. i Mirov. Polit.*, No. 6, p. 13-19. June 1945. 280.8 M67

29185 ELLIS, D. M. Railroad land grant rates, 1850-1945. *J. Land and Pub. Util. Econ.* 21: 207-222. Aug. 1945. 282.8 J82

29186 FIROR, J. W. Facts for veterans. *Prog. Farmer, Ga.-Ala.-Fla. Ed.* 60(10): 67. Oct. 1945. 6 F945G

Opportunities in farming.

29187 FLORES, A. Organización de la primera hacienda colectiva en el Ecuador. *Manabí, Ecuador. Consorcio de Cent. Agr. B.* 7(42): 17-19, 21-22. Apr./June 1945. 9.5 M31



- 29188 \*GUREVICH, A. Zemel'naiia reforma v Vengrii [Land reform in Hungary]. Mirov. Khoz. i Mirov. polit., No. 6, p. 20-25. June 1945. 280.8 M67
- 29189 HENRY, R. S. The railroad land grant legend in American history texts. Miss. Val. Hist. Rev. 32: 171-194. Sept. 1945. 134.8 M69
- 29190 HOBSON, A. Pig-farming: start small - work up. Smallholder 73(1853): 17. Sept. 21, 1945. 10 Sml
- Management for successful commercial farming.
- 29191 HOLMES, G. A. Mr. G. A. Holmes discusses problems with farmers. Straight Furrow 4(10): 33-34. Aug. 15, 1945. 281.8 St8
- Farming in Great Britain.
- 29192 HOLT, G. From a hill-top in Germany. Field 186: 243. Sept. 8, 1945. 10 F45
- Farms and farming.
- 29193 HOWELL, J. P. Changes in organisation and incomes on some farms in Wales (1941-2 and 1942-3). Welsh J. Agr. 18: 131-147. July 1945. 10 W46
- 29194 HUGHES, C. A. Legislation governing subdivisions. Ill. Veg. Growers' B. 5(2): 7-8. July 1945. 80 IL69
- 29195 HURST, F. J. King's farming typifies the Black Belt revolution. Prog. Farmer, Ga.-Ala.-Fla. Ed. 60(10): 24. Oct. 1945. 6 P945G
- Management of the King farm in the Black Belt of Alabama.
- 29196 HUTCHINSON, J. Big yields from difficult acres; energy and enterprise achieve outstanding results on small Welsh farm. Farmers Weekly [London] 23(13): 31. Sept. 28, 1945. 10 F2226
- 29197 \*JAVILLIER. Pâturage contre labourage. Acad. d'Agr. de France. Compt. Rend. 28: 642-644. Dec. 9/23, 1942. 14 P2159c
- 29198 \*LAFITE. Pâturage contre labourage. Acad. d'Agr. de France. Compt. Rend. 29: 173-175. Mar. 17/24, 1943. 14 P215Bc
- 29199 THE LAND he fought for. Eight out of every 100 G. I.'s plan to change from fighting to farming. But how many actually go back to the land will depend on farm and job situations. Consum. Guide 11(10): 9-11. Oct. 1945. 1.94 Ad422C
- 29200 LEONIDOV, G. "A collective farm has a visitor." Agr. Com. Amer.-Soviet Friendship. Release 43, 2 p., processed. Lima, Ohio, 1945. 20 Ag89
- 29201 LESAGE, W. Les cultivateurs heureux sont des économistes réalistes. B. des Agr. 41(10): 12. 26. Oct. 1945. 7 B872
- 29202 LLOYD, E. W. Advantages of mixed farming. Field 186: 247. Sept. 8, 1945. 10 F45
- 29203 MACDONALD, D. W. Soldiers tour Dutch farms. Family Herald and Weekly Star 76(40): 5, 6. Oct. 3, 1945. 7 F21
- 29204 MITCHELL, E. Are our doughboy dairymen going back to the soil? South. Dairy Prod. J. 38 (4): 76. Oct. 1945. 44.8 So83
- 29205 NASH, D. W. Europe's farms and farmers. Country Guide 64(10): 12, 25. Oct. 1945. 7 G76
- 29206 NORDYKE, L. Angel of the range. Sat. Evening Post 218(18): 26-27, 69-70, 72. Nov. 3, 1945. 110 S
- Wyoming Hereford Ranch and its manager.
- 29207 OREGON. STATE LAND BOARD. Biennial report, 37th, 1942/44, 140 p. Salem, 1944. 252.71 St2
- 29208 ORTON, C. R. Opportunities for veterans in agriculture. W. Va. Dept. Agr. Market B. 29(10): 20. Oct. 1945. 2 W522W
- 29209 POUDEUR, H. C. Progressive farming, possibilities for Oklahoma. Ranchman 5(6): 42, 58. Oct. 1945. 49 R15
- 29210 RAMBAUD, B. Le metayage en pleine décadence. Grignon. École Natl. d'Agr. Ann. (ser. 3) (1943/1944) 4: 169-180. 1944. 105.3 G812A
- 29211 ROSS, J. G. Farm conditions in New Zealand and Australia. Grain & Feed Rev. 35(2): 8, 47-48. Oct. 1945. 280.28 C78
- 29212 SALTER, L. A., JR. County zoning and post-war problems. State Govt. 18: 187-189. Oct. 1945. 280.8 St2
- 29213 A SCOTTISH land policy; what Scots Nationalists want. Farming News and North Brit. Agr. 97 (38): 13. Sept. 14, 1945. 10 N82
- Program of the Scottish National Party.
- 29214 SMITH, J. H. Some considerations affecting the operation of profit-sharing schemes in farming. Welsh J. Agr. 18: 163-166. July 1945. 10 W46
- 29215 \*SWEDEN. LANTMÄTERISTYRELSEN. Lantmäteri år 1943 [Land-surveying in the year 1943]. 37 p. Stockholm, 1944. 325.9 Sw3
- 29216 \*SWEDEN. STATISTISKA CENTRALBYRÅN. Priser och taxeringsvärden å jordbruksfastigheter, 1/1 1938-30/6 1944, 29 p. Stockholm, 1945. 282.9 Sw3P
- Title and table of contents in French.
- Statistics of prices and appraisals of Swedish farm land.
- 29217 \*TSVETOV, IA. Put' k avtoritetu [The road to leadership]. Kolkhoz. Proizvod. 5(4/5): 17. 19. Apr./May 1945. 281.8 K83
- Management of the collective farm "12 Dekabria" in the Vologda region.
- 29218 TURNBULL, R. Converting a farm to the ways of advanced methods. Impl. & Tractor 40(20): 48, 89. Oct. 6, 1945. 58.8 W41
- 29219 TYLER, A. E. Riding herd by plane. Westerner 8(9): 11, 30-31. Oct. 1945. 49 W522
- Use of airplanes in the operation of Colorado cattle ranches.
- 29220 WOOTEN, H. H. Farming opportunities for veterans. J. Land and Pub. Util. Econ. 21: 259-267. Aug. 1945. 282.8 J82
- 29221 YOUNG, A. Manages farm at Corner Brook [Canada]. Family Herald and Weekly Star 76(39): 14. Sept. 26, 1945. 7 F21
- Bookkeeping and Records
- 29222 FISHER, J. For record: take guessing out of farming. Farmer [Pietermaritzburg] 34(35): 8. Aug. 31, 1945. 24 F227
- Importance of records.
- 29223 FRELS, B. A farmer speaks: "Put headlights on your farm!" Furrow 50: 3, 15. Sept./Oct. 1945. 6 F98
- Arguments for keeping farm records.
- Cost of Production
- 29224 ADAIR, W. The war-rise in milk production costs; 1943-44 is 75 per cent. higher than pre-war. Farming News and North Brit. Agr. 97(38): 3. Sept. 14, 1945. 10 N82
- 29225 BIFFEN, W. Well-planned beet lifting means a much better return. Smallholder 73(1854): 16. Sept. 28, 1945. 10 Sml
- 29226 DEGRAFF, H. F. Low cost feed makes low cost milk. N. Y. Agr. Col. Ext. (Cornell). Dairy Farm Serv. Let., Sept. 2, 1945, p. 4. 275.29 N48D
- 29227 ERITH, F. H. Another angle on profit. Farmers Weekly [London] 33(12): 28. Sept. 21, 1945. 10 F2226
- Profit from the viewpoint of feeding value.
- 29228 ERITH, F. H. Which crop pays best? Farmers Weekly [London] 23(11): 31. Sept. 14, 1945. 10 F2226
- Lists profits for various crops.
- 29229 FOLEY, W. T. Best feeders get the sugar; that's what these dairymen learned. Farmer [St. Paul], Gen. Ed. 63(20): 16. Oct. 20, 1945. 6 F2211
- Returns based on cost records of the members of Southeastern Minnesota Farm Management Service.
- 29230 HARTLEY, L. S. The Master Shepherd Project. W. Va. Dept. Agr. Market B. 29(10): 11. Oct. 1945. 2 W522W
- Profitableness of keeping sheep.
- 29231 HOWELL, H. B. Keys to farm profits. Shorthorn World 30(12): 28-29. Sept. 10, 1945. 43.8 Sh8



29232 DOWELL, J. P., PHILLIPS, J. R. E., and GRIFFITHS, J. D. Comparison of costs of milk production, (1941-2 and 1942-3). Welsh J. Agr. 18: 111-123. July 1945. 10 W46

29233 HURST, G. A. Making farming profitable; successful farmers are practical economists - a few useful suggestions. Canad. Countryman 34(20): 5. 39. Sept. 29, 1945. 7 C833

Methods of increasing income and keeping down costs.

29234 JOHNSON, M. G. For profitable winter eggs. Family Herald and Weekly Star 76(41): 11. Oct. 10, 1945. 7 F21

Factors to be considered in cost of production.

29235 NODLAND, T. R. Feeder lamb costs and returns. Minn. U. Agr. Ext. Farm Business Notes, No. 273, p. 3. Sept. 26, 1945. 275.29 M663

29236 PHILLIPS, J. R. E. The comparative profitability of butter-making and milk-selling on some hill farms in Wales. Welsh J. Agr. 18: 167-171. July 1945. 10 W46

29237 THOMAS, W. J. Growing beans for Welsh livestock; methods and costs. Welsh J. Agr. 18: 103-110. July 1945. 10 W46

29238 ULREY, O. Michigan farm prices and costs during the war period to 1945. Mich. Agr. Expt. Sta. Q. B. 28(1): 35-44. Aug. 1945. 100 M58S

#### Land Settlement and Colonization

29239 DEDMAN. Land settlement for ex-servicemen. Past. Rev. 55: 600. Aug. 16, 1945. 23 Au75

Statement in Australian House of Representatives.

29240 EVANS, O. R. Farms for our veterans; returning soldiers, sailors and airmen can get help in finding a farm through the Veterans Land Act. Family Herald and Weekly Star 76(38): 5. Sept. 19, 1945. 7 F21

First of a series.

29241 EVANS, O. R. Farms for our veterans; settling our returned men on the land. Canad. Business 18(10): 30-31, 138. Oct. 1945. 287 C162

29242 HOOD, M. P. No more land. N. Mex. Mag. 23(10): 20, 43, 45, 47. Oct. 1945. 288.8 N46

For settlement by veterans in New Mexico.

29243 PASCALET. Déclaration faite au Conseil du Gouvernement. Casablanca. Chambre d'Agr. B. 16(174): 5. July/Aug. 1945. 24 C26

French colonization in Morocco.

29244 REID, C. Home to the land. Family Herald and Weekly Star 76(39): 4. Sept. 26, 1945. 7 F21

Return of the Canadian veteran to the farm.

29245 SANCHEZ S., J. J. La tierra de mis mayores. Agr. Costarricense 3: 325-327. July 1945. 8 Ag895

Chiefly on need for a law to give land to the landless.

29246 SAYERS, G. F. Post-war settlement in Kenya. I-II. Field 186: 252, 274. Sept. 8, 15, 1945. 10 F45

29247 SOLDVINI, B. A. "Y que dios los ayude." Pampa Argentina 19(217): 24. Sept. 1945. 9 P19

Land settlement in Argentina.

29248 \*ULITZUR, A. Finances of reconstruction; 25 years of nation building; balance sheet of Keren Hayesod [Palestine Foundation Fund]. Palestine and Middle East 17: 132-133, 140. Aug. 1945. 286.8 P172

#### Land Tenure

29249 ANTÓN BELLVER, E. Consideraciones acerca de la ley de 18 de marzo último sobre desahucio de fincas rústicas para cultivo directo y personal. Agr. Levantino 10(114): 11. May 15, 1944. 15 Ag85

Spain.

#### Land Utilization

29250 AGUIRRE, N. El problema agrario. Méx. Agr. 7: 149-169. July/Sept. 1945. 280.8 M57

Proposals for improving and utilizing areas of cultivation to cope with increase in population and demand for food.

29251 BROMFIELD, L. Agriculture—the basis of our economy. State Govt. 18: 171-172. Oct. 1945. 280.8 St2

Includes land utilization.

29252 CONDON, E. J. Cities are country towns. Land [Baltimore], 4: 301-303. Summer 1945. 279.8 L22

Land utilization.

29253 MAZE, W. H. Land utilization and reconstruction. Austral. J. Sci. 6: 9-13. Aug. 21, 1943. 475 Au72

29254 NORD, E. C. A glimpse of Free China. J. Forestry 43: 640-641. Sept. 1945. 99.8 F768

Land utilization.

#### Land Values and Valuation

29255 COLBY, H. E. Going-going-gone! Your Farm 4(1): 1-6. Nov. 1945. 6 Y8

Farm auctions.

29256 DOWELL, A. A. Trends in value of farm property. Minn. U. Agr. Ext. Farm Business Notes, No. 273, p. 1-2. Sept. 26, 1945. 275.29 M663

29257 FRANCIS, D. R. A report on farm land prices. Fed. Reserve Bank St. Louis. Monthly Rev., Sept. 1, 1945, p. 2-7. 284.8 F31Sa

29258 HERNDON, F. Farm salesmen. Coop. Digest 6(4): 79. Oct. 1945. 280.28 C7896

29259 REGAN, M. M., and CLARENBACH, F. A. Post-war farm land values? J. Land and Pub. Util. Econ. 21: 236-242. Aug. 1945. 282.8 J82

29260 SELBY, H. E. Factors affecting value of land and water in irrigated land. J. Land and Pub. Util. Econ. 21: 250-258. Aug. 1945. 282.8 J82

29261 TINDALL, C. Buy a farm from the air. Mo. Ruralist 86(19): 6. Oct. 13, 1945. 6 R8891

#### POPULATION

29262 DIETRICH, S. DE R. Florida's war economy. I. Population changes. Fla. U. Bur. Econ. and Business Res. Econ. Leaflets, v.-4, No. 10, 4 p. Sept. 1945. 280.9 F663

29263 \*HERMAN, A. Immigration; the human aspect. Palestine and Middle East 17: 130-131. Aug. 1945. 286.8 P172

29264 RODWIN, L. Garden cities and the metropolis. J. Land and Pub. Util. Econ. 21: 268-281. Aug. 1945. 282.8 J82

Includes discussion of rural migration.

29265 SWEDEN. STATISTISKA CENTRALBYRÅN. Folk-mängden inom administrativa områden, 1944, 46 p. Stockholm, 1945. 257.3 Sw32

Title, index, and summary in French.

Swedish population statistics.

#### RURAL SOCIAL ORGANIZATION

29266 BENNETT, J. W. Process and transition in southern Illinois rural society. Ill. State Acad. Sci. Trans. (1944) 37: 105-113. 500 IL6

29267 \*KRISTERSSON, H. Landsbygdens omvandling. Jordbrukarnas Föreningsblad. Uppl. A: Östra Mellansverige och Gästrikland 15(28): 3. July 14, 1945. 11 J762

Effect of activities of agricultural organizations on life in Swedish rural districts.

29268 P., A. F. Coutumes mauritaniennes: la "guelna" ou les villégiatures estivales. Intransigent Maroc 6(226): 3. Sept. 14, 1945. 280.8 In89

A date-harvesting festival.

29269 SCHLUTER, G. E. Tribal life in Turkana; remote desert country where cattle and raiding are man's main interest. Crown Colonist 15: 683. Oct. 1945. 280.8 C88

29270 VIRGINIA. UNIVERSITY. EXTENSION DIVISION. Now is the time; Washington County Development Association plans for action. Va. U. Ext. Div. New Dominion Ser. 73, 8 p. Charlottesville, 1945. 280.9 V814

Improvement of rural conditions.



Institutions

- 29271 AILLON TAMAYO, C. Algunas indicaciones para los establecimientos de educación agrícola. Sementera (ser. 2), No. 2, p. 45-48. May 28, 1945. 9.5 Se5
- 29272 AILLON TAMAYO, C. Problemas de la educación agrícola. Sementera (ser. 2), No. 2, p. 5-10. May 28, 1945. 9.5 Se5  
Ecuador.
- 29273 BATHE, D. R. Find a place for the ex-serviceman. Farmers Weekly [London] 23(13): 28. Sept. 28, 1945. 10 F2226
- 29274 BATTLEFIELD to classroom; ex-Kiwis at Massey College. New Zeal. Farmer Weekly 66(12): 10-11. Aug. 9, 1945. 23 N484
- 29275 BÉGIN, P. E. Dairy education in Quebec started sixty-four years ago. Canad. Dairy and Ice Cream J. 24(9): 27-30. Sept. 1945. 44.8 C162
- 29276 \*BENÍTEZ VÉLEZ, J. El labrador y los técnicos. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 213-218. Madrid, 1945. 15 Spl2C
- 29277 BENTLEY, J. "Gentleman farmer." Prairie Farmer, Ind. Ed. 117(21): 21. Oct. 13, 1945. 6 P883C
- 29278 COLFER, W. A. Future Farmers have credit co-op. News for Farmer Coops. 12(7): 5-6. Oct. 1945. 166.2 N47  
Vocational agriculture at Fairfield, Iowa.
- 29279 COX, J. K. School Survey Act to undergo tests soon. Ill. Agr. Assoc. Rec. 23(9): 16. Oct. 1945. 6 IL62
- 29280 DOUDNA, Q. Rural education challenged. Hoard's Dairyman 90: 534, 559. Oct. 10, 1945. 44.8 H65
- 29281 EBAUGH, C. D. Education in Chile. U. S. Off. Ed. B. 1945, No. 10, 123 p. Washington, 1945. 156.3 B87  
Includes rural education and vocational education in agriculture.
- 29282 FAMILY allowances in France. Internatl. Labour Rev. 52: 196-210. Aug./Sept. 1945. 283.8 In8  
Includes families engaged in agriculture.
- 29283 FETROW, W. W. Veterans and colleges; the co-op view. News for Farmer Coops. 12(7): 1, 6, 20-21. Oct. 1945. 166.2 N47  
Training of veterans for work in farmer cooperatives.
- 29284 HOFFER, C. R. Public library service for Michigan rural residents. Mich. Agr. Expt. Sta. Q. B. 28(1): 66-74. Aug. 1945. 100 M58S
- 29285 \*IVCHENKO, N. Voprosy vospitanija i podgotovki kadrov [Questions of education and training of help]. Sovkhoz, Proizvod. 4(12): 1-4. Dec. 1944. 20 So85  
Vocational agriculture.
- 29286 LANDESS, W. M., and WILSON, R. B. Soils and souls; a story of the church in the Tennessee Valley. Town & Country Church, No. 20, p. 1-2. Oct. 1945. 281.28 T66
- 29287 MACDONALD, G. Malaria control for African rural areas; need for widespread hygienic improvement and correlated work on economic factors. Crown Colonist 15: 710. Oct. 1945. 280.8 C88
- 29288 MCKINNON, F. B. Western Ontario farms thriving. Family Herald and Weekly Star 76(42): 32. Oct. 17, 1945. 7 F21
- 29289 MAGO VARGAS, M. Escuelas rurales y aptitudes agrícolas de las zonas de Cobquecura y Chanco. Agrario 9(363): 4. June 15, 1945. 9.3 Ag85  
Chile.
- 29290 MANN, D. Busy on school problem. Kans. Farmer 82(19): 10. Oct. 6, 1945. 6 K13  
The rural school reorganization program in Kansas.
- 29291 MONTGOMERY, L. Rural school teaching - a re-evaluation. Social Ed. 9: 265-266. Oct. 1945. 280.8 Sol23

- 29292 \*MORALES FRAILLE, E. La agricultura en la Feria Internacional de Barcelona. In Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr., p. 255-260. Madrid, 1945. 15 Spl2C
- 29293 MOULIA, E. Los tres grandes amores del gaucho: la china, el caballo y el rancho. Pampa Argentina 19(217): 3. Sept. 1945. 9 Pl9
- 29294 MOUNTIN, J. W., PENNELL, E. H., and HOGE, V. M. Health service areas; requirements for general hospitals and health centers. U. S. Pub. Health Serv. B. 292, 68 p., processed. Washington, 1945. 151.66 B87
- 29295 NÚÑEZ MESA, D. Plan de fomento del bienestar popular. Rev. Canad. [Havana] 5(5/6): 27-28. May/June 1945. 49 R321
- 29296 ORCHARD, M. Teaching farming by doing it. Prog. Farmer, Tex. Ed. 60(11): 20, 71. Nov. 1945. 6 T311
- 29297 POWELL, M. V. Cultural activities for rural young people. Family Herald and Weekly Star 76(39): 46. Sept. 26, 1945. 7 F21  
Canada.
- 29298 SMITH, MRS. G. The useful garden as a church instrument. Town & Country Church, No. 20, p. 5. Oct. 1945. 281.28 T66
- 29299 SMITH, M. L. I'm for the consolidated school! Successful Farming 43(10): 85, 112, 113. Oct. 1945. 6 Su12  
The second in a two-article debate on the consolidated versus the one-room school.
- 29300 STROHM, J. Is this fair? Prairie Farmer, Mich. Ed. 117(20): 1, 30. Sept. 29, 1945. 6 P883A  
Rural schools.
- 29301 TRIPP, T. A. What is the rural church? Town & Country Church, No. 20, p. 4. Oct. 1945. 281.28 T66
- 29302 YARHAM, E. R. Native crafts of Uganda and their possibilities; skilled workers in iron, clay and bark-cloth; their function in rural industry. Crown Colonist 15: 679-680, 700. Oct. 1945. 280.8 C88

Rural Organizations and Movements

- 29303 AGRICULTURAL co-operation in southern Africa; annual congress of Rhodesia National Farmers Union. Farmer's Weekly [Bloemfontein] 70: 118. Sept. 26, 1945. 24 F225
- 29304 ANDERSON, W. A. Why don't we tell the women? News for Farmer Coops. 12(7): 4. Oct. 1945. 166.2 N47  
About cooperatives.
- 29305 BLUCK, W. L. Clinton County dream comes true. Ohio Farm Bur. News 25(3): 11, 36-37. Oct. 1945. 6 Oh34  
Cooperative Agricultural Enterprises, Inc.
- 29306 BROSSARD, D. Organização da produção - cooperativismo. Coop [Bahia] 4(37): 11. Sept. 1944. 280.28 C7842  
Agricultural.
- 29307 CANADA. WARTIME INFORMATION BOARD. Co-operation across Canada. Family Herald and Weekly Star 76(39): 7. Sept. 26, 1945. 7 F21
- 29308 EASTERBROOK, L. F. Agriculture on mutual aid basis; Britain's small-scale farmers combine to effect improvements. Farmer's Weekly [Bloemfontein] 70: 121. Sept. 26, 1945. 24 F225
- 29309 ENGLIS, V. The farmer cooperative. Guide Post 22(9): 22, 25. Sept. 1945. 75.8 G94
- 29310 EWING, J. T. Club work for young [Canadian] farmers. Family Herald and Weekly Star 76(39): 5. Sept. 26, 1945. 7 F21
- 29311 \*FORTEZA, B. Bodegas cooperativas. Cult. Mod. 28: 99-102. Mar. 1945. 15 C89
- 29312 GOBEL, A. R. Les Clubs 4-H du Québec Inc. Conservation [Quebec] 2(10): 7-10. Oct. 1945. 275.28 C763
- 29313 HANNING, G. F. Responsibilities of co-ops. Coop. Digest 6(4): 72-73. Oct. 1945. 280.28 C7896



- 29314 HEARD, H. C. Good board members don't come easy. *News for Farmer Coops.* 12(7): 10-11. Oct. 1945. 166.2 N47  
Cooperative organizations.
- 29315 HOAG, W. G. Some unrealed dividends. *News for Farmer Coops.* 12(7): 7, 23. Oct. 1945. 166.2 N47  
Education of general public about cooperatives.
- 29316 HOLMSTRÖM, S. Kapitalförhållandena 1944. Föreningarna hade 140 mil. kr. i eget kapital. *Jordbrukarnas Föreningsblad.* Uppl. A: Östra Mellansverige och Gästrikland 15(29): 10-11. July 21, 1945. 11 J762  
Funds of Swedish cooperative organizations in 1944.
- 29317 JOHNSON, A. Toujours plus haut 4-H. *Conservation [Quebec]* 2(10): 11. Oct. 1945. 275.28 C763
- 29318 \*K., V. G. Place of co-operation in planned economy. *Bombay Co-op. Q.* 29(1): 1-7. June 1945. 280.28 B63
- 29319 LAWLER, J. The manager must be on his toes. *News for Farmer Coops.* 12(7): 11, 14. Oct. 1945. 166.2 N47  
In cooperatives.
- 29320 MCKINNEY, F. Andrew County 4-H Club girl is a winner. *Mo. Ruralist* 86(19): 16. Oct. 13, 1945. 6 R8891
- 29321 MAHEUX, G. Le Congrès 4-H vu par un agromome. *Conservation [Quebec]* 2(10): 18-19. Oct. 1945. 275.28 C763
- 29322 \*MANN, H. H. Agricultural co-operation in the Middle East. *Bombay Co-op. Q.* 29(1): 7-14. June 1945. 280.28 B63
- 29323 MITCHELL, W. L. How farmers' licences operate in Rhodesia; effective method of levying a compulsory subscription to the Farmers Union; no deductions and no hidden motive. *Farmer's Weekly [Bloemfontein]* 69: 1380-1381. Sept. 12, 1945. 24 F225
- 29324 MOOLMAN, J. H. Rural democracy; how our various farmers' organisations link with one another. *Merino Breeders' J.* 7(3): 11-14, 33, 34. July 1945. 45.8 So8  
Text in English and Afrikaans.
- 29325 NETTO, F. Salvemos a nossa agricultura. *Coop [Bahia]* 4(37): 8-9. Sept. 1944. 280.28 C7842  
Cooperation.
- 29326 PÓRTO, C. Em defeza do cooperativismo. *Coop [Bahia]* 4(37): 10. Sept. 1944. 280.28 C7842
- 29327 \*RÖSTIN, H. I jordbrukets tjänst. *Jordbrukarnas Föreningsblad.* Uppl. A: Östra Mellansverige och Gästrikland 15(34): 3. Aug. 25, 1945. 11 J762  
Importance of Swedish cooperative organizations, with special reference to Svenska Lantmännens Riksförbund.
- 29328 \*SJÖGREN, E. Några axplock från 40 år. *Jordbrukarnas Föreningsblad.* Uppl. A: Östra Mellansverige och Gästrikland 15(34): 1, 9. Aug. 25, 1945. 11 J762  
Cooperative organizations in Sweden.
- 29329 STURM, E. R. He [Raymond W. Miller] preaches the gospel of cooperation. *Calif. Milk News* 25(26): 5-6. Sept. 28, 1945. 44.8 C124  
Agricultural cooperation.
- 29330 \*SVÄRDSTRÖM, K. F. Samarbete över gränserna; internationell konferens i London i höst med jordbrukarorganisationer. *Jordbrukarnas Föreningsblad.* Uppl. A: Östra Mellansverige och Gästrikland 15(30): 3-4. July 28, 1945. 11 J762  
International collaboration between agricultural organizations.
- 29331 TROEGER, L. E. 4-H all aboard for 1945. *Business of Farming* 4(1): 8. Mar./Apr. 1945. 6 B96
- 29332 WANN, J. L. Is it good co-op country? *News for Farmer Coops.* 12(7): 16, 21-22. Oct. 1945. 166.2 N47  
Organization of cooperatives.
- 29333 WARREN, G. L. 4-H Clubs in United States. *Conservation [Quebec]* 2(10): 15-17. Oct. 1945. 275.28 C763
- 29334 ZAYAS-CHARDON, H. Co-ops progress in Puerto Rico. *News for Farmer Coops.* 12(7): 19-20. Oct. 1945. 166.2 N47  
TRADE, FOREIGN AND INTERNATIONAL
- 29335 ACUERDO para el intercambio con Estados Unidos. Argentina. Sec. de Indus. y Com. B. 1(7/8): 319-328. Apr./May 1945. 280.9 Ar3  
Includes the agreements for flaxseed, peanuts, and edible oils.
- 29336 ALLEN, G. F. Eastern markets; post-war prospects for New Zealand's primary produce. *New Zeal. Farmer Weekly* 66(12): 12-13. Aug. 23, 1945. 23 N484
- 29337 ARDMORE, B. The British market and future possibilities. *Canada Poultryman* 32(9): 16-17. Sept. 1945. 47.8 C166  
Canada's export trade in eggs.
- 29338 BENEDICT, M. R. Tariff protection for farm products. *Calif. Cult.* 92: 505, 518, 519. Sept. 29, 1945. 6 C12  
Condensed from the first of a series of pamphlets to be issued by the Carnegie Endowment for International Peace.
- 29339 CUBA. MINISTERIO DE HACIENDA. DIRECCIÓN GENERAL DE ESTADÍSTICA. Comercio exterior, año natural de 1943 comparado con el de 1942, 207 p., processed. Habana? 1944? 254.8 C893
- 29340 FERGUSSON, W. Scope of new Empire wool plan; ten million bales for disposal. *Farming News and North Brit. Agr.* 97(39): 3. Sept. 21, 1945. 10 N82
- 29341 FISHWICK, J. British rayon exports; standardisation could provide all-round benefits. *Gt. Brit. and East* 61(1750, Textile Sup.): xix, xxi. Aug. 1945. 286.8 N27
- 29342 GAGE, C. E. Tobacco growers, get ready! *Prog. Farmer, Ga.-Ala.-Fla. Ed.* 60(10): 14. Oct. 1945. 6 P945G  
Chiefly a discussion on possible trends in exports of tobacco.
- 29343 GREAT BRITAIN. DEPT. OF OVERSEAS TRADE. Bolivia; review of commercial conditions, 1944, 37 p. London, 1945. 255.2 G79B  
Includes agriculture and foreign trade.
- 29344 GREAT BRITAIN. DEPT. OF OVERSEAS TRADE. Brazil; review of commercial conditions, 1944, 33 p. London, 1945. 255.3 G79B  
Includes foreign trade.
- 29345 GREAT BRITAIN. DEPT. OF OVERSEAS TRADE. Chile; a review of commercial conditions, 1944, 23 p. London, 1945. 255.4 G79C  
Includes foreign trade.
- 29346 GREAT BRITAIN. DEPT. OF OVERSEAS TRADE. Peru; review of commercial conditions, 1944, 31 p. London, 1945. 255.8 G792p  
Includes agriculture and foreign trade.
- 29347 HENNING, C. N. Free China's wartime foreign-trade controls. *Foreign Com. Weekly* 20(13): 8-9. Sept. 22, 1945. 157.54 F763
- 29348 THE HISTORY of the British rayon export trade. Part XI. The British tariff. Silk J. and Rayon World 21(256): 44, 47. Sept. 1945. 304.8 S13
- 29349 K., L. C. President [John Hunt] British F. T. D. A. [Florists' Telegraph Delivery Association] discusses international trade. *Canad. Florist* 40: 317. Sept. 20, 1945. 80 C163
- 29350 MELLO, J. C. O café no comércio exterior do Brasil. São Paulo. Supt. dos Serv. do Café. B. 20: 391-393. Apr. 1945. 68.29 Sa63
- 29351 NEWMAN, G. A. Trade of the British West Indies. Canada. Dept. Trade and Com. Com. Intel. J. 73: 281-289, 313-320. Sept. 29, Oct. 6, 1945. 286.8 C16  
Foreign trade including agricultural products.



29352 NOYOLA V., J. F. Algunos efectos inmediatos de la paz en muestras exportaciones [Mexico]. Rev. de Econ. 8(9): 18-21. Sept. 15, 1945. 280.8 R3293

Includes agricultural products.

29353 PRICE, H. B. World trade and the food crisis. Ky. Farmer's Home J. 81(10): 6. Oct. 1945. 6 F2337

29354 ROBERTS, B., and MAXWELL, T. N. Post-war marketing proposals. (Extracts.) Straight Furrow 4(10): 25-26. Aug. 15, 1945. 281.8 St8  
New Zealand's trade.

29355 SANCHEZ MENENDEZ-RIVOS, F. La exportación de frutos secos. Spain. Dir. Gen. de Com. y Polit. Arancelaria. Ser. Com. Ext., No. 10, 76 p. Madrid, 1945. 286.9 Spl

29356 \*SPAIN. MINISTERIO DE HACIENDA. DIRECCIÓN GENERAL DE ADUANAS. Estadística del comercio exterior de España, 1944, 770 p. Madrid, 1945: 263 C76E

Includes agricultural products.

29357 TEJA, L. Dez anos da exportação estadual de carnes [Rio Grande do Sul]. Orientação Econ. e Financ. 3(38): 4-7. July 1945. 280.8 Or42  
Statistical.

#### FOOD AND HUMAN NUTRITION

##### GENERAL

29358 ANDERSON, A. B. Tetany following prolonged lactation on a deficient diet. Nutr. Soc. Proc. 2: 68. 1944. 389.9 N953

29359 BALFOUR, M. I. Supplementary feeding in pregnancy: the National Birthday Trust Fund experiment. Nutr. Soc. Proc. 2: 27-36. 1944. 389.9 N953

29360 BARCROFT, J. Nutritional functions of the placenta. Nutr. Soc. Proc. 2: 14-20. 1944. 389.9 N953

29361 BOURNE, A. W. Foetal development. Nutr. Soc. Proc. 2: 1-8. 1944. 389.9 N953  
Effect of nutrition.

29362 CLEMENTS, F. W. National nutrition and reconstruction. Austral. J. Sci. 6(1): 1-5. Aug. 21, 1943. 475 Au72

29363 DARBY, W. J., and MILAM, D. F. Field study of the prevalence of the clinical manifestations of dietary inadequacy. Amer. J. Pub. Health 35: 1014-1021. Oct. 1945. 449.9 Am3J

29364 ELLIS, E. W. B. The diagnosis of nutritional disorders in infancy. Nutr. Soc. Proc. 2: 80-88. 1944. 389.9 N953

29365 FLEMING, G. B. The influence of diet on pregnancy and lactation in the mother, the growth and viability of the foetus, and post-natal development. Part 2. Lactation. Nutr. Soc. Proc. 2: 45-46. 1944. 389.9 N953

29366 GOODNIGHT, F. You against the winter. J. Living 11(5): 3-7. Nov. 1945. 389.8 J822  
Effect of food on health.

29367 GRAHAM, S. G. Nutritional defects in infancy. Nutr. Soc. Proc. 2: 65-67. 1944. 389.9 N953

29368 HAMMOND, J. Problems of production in relation to post-war nutritional relief. Nutr. Soc. Proc. 2: 190-196. 1944. 389.9 N953

29369 HUGGETT, A. ST. G. Diet in pregnancy. Nutr. Soc. Proc. 2: 20-27. 1944. 389.9 N953

29370 HUME, E. M. M. Opportunities for nutritional research in the work of relief. Nutr. Soc. Proc. 2: 204-215. 1944. 389.9 N953

29371 ISAKSEN, J. P. School lunch program offers better health for children and bigger markets for farmers. Dakota Farmer 65(20): 30-31. Oct. 20, 1945. 6 D14

29372 JENSS, R. M. Statistical methods in anthropometric studies in the field of nutritional research. Amer. J. Pub. Health 35: 1053-1056. Oct. 1945. 449.9 Am3J

29373 JOHNSON, M. E. 4-H Club girls serve school lunch. Forecast for Home Econ. 61(10): 82. Oct. 1945. 321.8 F76

29374 LAKSHMI RATAN, R. V. Groundnut oil-cake and rice diet. Indian Farming 6: 314-315. July 1945. 22 In283

29375 LEE, D. H. K. Nutrition in the Tropics. Austral. J. Sci. 6(1): 6-9. Aug. 21, 1943. 475 Au72

29376 LEGG, G. It may be something you ate. J. Living 11(5): 17-18. Nov. 1945. 389.8 J822  
Allergies.

29377 LEVINSON, S. A. The effect of relief protein diet in nutrition. Natl. Food Distrib. J. 19(9): 11. Sept. 1945. 286.28 N212

29378 LEWINSON, R. Metchnikoff - o sábio do café. Brazil. Dept. Nac. do Café. DNC 13: 788-799. June 1945. 286.83 D44

Health aspects.

29379 MOHENRY, E. W., FERGUSON, H. P., and GURLAND, J. Sources of error in dietary surveys. Canad. J. Pub. Health 36: 355-361. Sept. 1945. 449.8 P964

29380 MACKAY, H. M. M. Nutritional needs of infancy. Nutr. Soc. Proc. 2: 69-80. 1944. 389.9 N953

29381 MACKINNON, F. Some observations on nutrition in Peru. Nutr. News 9(1): 3. Oct. 1945. (Beltsville Branch Libr.)

29382 MAGEE, H. E. Public health aspects of nutrition in infancy. Nutr. Soc. Proc. 2: 92-99. 1944. 389.9 N953

29383 MARRACK, J. R. Experiences of the last war and since. Current state of nutrition in occupied Europe and elsewhere. Nutr. Soc. Proc. 2: 177-190. 1944. 389.9 N953

29384 MILLER, E. C., and SWANK, H. R. A township nutrition program. J. Home Econ. 37: 503-505. Oct. 1945. 321.8 J82

29385 MONCRIEFF, A. A. The treatment of nutritional disorders in infancy. Nutr. Soc. Proc. 2: 88-92. 1944. 389.9 N953

29386 MORRIS, M. M. Better use of food for school lunches. What's New in Home Econ. 10(2): 106-107. Oct. 1945. 321.8 W55

29387 NATIONAL RESEARCH COUNCIL. FOOD AND NUTRITION BOARD. Recommended dietary allowances. Natl. Res. Council. Reprint and C. Ser. 122, rev., 18 p. Washington, D. C., 1945. 330.9 N21R

29388 NATIONAL RESEARCH COUNCIL. FOOD AND NUTRITION BOARD. COMMITTEE ON NUTRITION OF INDUSTRIAL WORKERS. The nutrition of industrial workers. Natl. Res. Council. Reprint and C. Ser. 123, 34 p. Washington, D. C., 1945. 330.9 N21R

29389 PRENTICE, M. E. Area school lunch conferences. Pract. Home Econ. 23: 478, 500, 516, 518. Oct. 1945. 321.8 H752

29390 SCHULTZ, H. W. Nutrition research. Martha Logan's Food News and Views. B. 22, p.2-3. Oct. 1945. 389.8 M36

29391 STARCHER, G. C. Human starvation. Plan-tation Stockman 3(2): 6-7, 20. Oct. 1945. 49 P69

29392 TOWLE, D. S. Hot lunches for cold days. Forecast for Home Econ. 61(10): 78-79, 136. Oct. 1945. 321.8 F76

29393 WATSON, D. M. Special nutritional needs of the industrial worker. Nutr. Soc. Proc. 2: 216-219. 1944. 389.9 N953



- 29394 ZUMSTEG, D. H. The college cafeteria and the community. *Forecast for Home Econ.* 61(10): 80-81. Oct. 1945. 321.8 F76

## FOOD HABITS

- 29395 BANKS, M. A., and BENSON, M. C. Better food habits for elementary children. *Forecast for Home Econ.* 61(10): 42-43, 124, 126. Oct. 1945. 321.8 F76
- 29396 BELL, V. "What did you eat yesterday" reveals food habits in recent survey. *Nutr. News* 9(1): 3-4. Oct. 1945. (Beltsville Branch Libr.)
- 'Account of the survey by the Macon County Nutrition Committee, Illinois.

## NUTRITIVE AND VITAMIN CONTENT

- 29397 ANDREWS, J. S. Vitamins in wheat. *Amer. Assoc. Cereal Chem. Trans.* 4(1): 1-16. Sept. 1945. 59.9 Am3T
- 29398 ARNOLD, A. Report of the 1944-45 committee on riboflavin assay. *Cereal Chem.* 22: 455-461. Sept. 1945. 59.8 C33
- 29399 ARNOLD, J. Soy - China's cinderella. *Soybean Digest* 5(11): 36-37, 69. Sept. 1945. 60.38 So9
- Use as food.
- 29400 BARRIOS, D. M. El pescado en la alimentación humana. In *Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr.*, p. 261-269. Madrid, 1945. 15 Spl2C
- 29401 BARROSO, G. Biología de la leche como alimento del niño. In *Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr.*, p. 85-93. Madrid, 1945. 15 Spl2C
- 29402 BOOHER, L. E., and CALLISON, E. C. Las vitaminas en la vida del hombre. *Agrario* 9(364): 13-14. June 30, 1945. 9.3 Ag85
- 29403 THE COMPLEXITIES of vitamin B. *Food Manufacture* 20: 364-366. Oct. 1945. 389.8 F736
- 29404 DARLING, D. B., and NILSON, H. W. Food value of rabbit meat. *Mich. Farmer* 205(8): 24. Oct. 20, 1945. 6 M58
- 29405 DARLING, D. B., and NILSON, H. W. The nutritive value of roast domestic rabbit and beef. *Internatl. Com. Rabbit J.* 3(24): 45-46. Oct. 1945. 40.28 In8
- 29406 HALAIS, P. L'équilibre du régime alimentaire. VII. Classement des aliments. *Rev. Agr. de l'île Maurice* 24: 127-143. May/June 1945. 24 M44
- 29407 HALL, W. L. Report on ascorbic acid (vitamin C). *Assoc. Off. Agr. Chem. J.* 28: 559-560. Aug. 15, 1945. 381 As7
- 29408 HOWE, P. E., and HERRYMAN, G. H. Average food consumption in the training camps of the United States Army (1941-1943). *Amer. J. Physiol.* 144: 588-594. Sept. 1, 1945. 447.8 Am3
- 29409 KEMMERER, A. R. Report on carotene. *Assoc. Off. Agr. Chem. J.* 28: 563-567. Aug. 15, 1945. 381 As7
- 29410 KEMMERER, A. R. Report on riboflavin. *Assoc. Off. Agr. Chem. J.* 28: 560-563. Aug. 15, 1945. 381 As7
- 29411 KIK, M. C. Artificial enrichment of rice. *Rice J.* 48(9): 3-4. Sept. 1945. 59.8 R36
- 29412 KLINE, O. L. Report on vitamin B<sub>1</sub>. *Assoc. Off. Agr. Chem. J.* 28: 554-559. Aug. 15, 1945. 381 As7
- 29413 KON, S. K. The chemical composition and nutritive value of milk and milk products. *Nutr. Soc. Proc.* 2: 149-162. 1944. 389.9 N953
- 29414 KOSTERLITZ, H. W., and CAMPBELL, R. M. The storage of protein in the adult animal. *Nutr. Abs. and Rev.* 15: 1-14. July 1945. 389.8 N95

- 29415 LAVOLLAY, J., and SEVESTRE, J. Le vin, considéré comme un aliment riche en vitamine P. *Acad. d'Agr. de France. Compt. Rend.* 30: 259-261. May 1/17, 1944. 14 P215Rc
- Note presented by Mr. Javillier.

- 29416 LOVERN, J. A. The effect of preservation processes on the vitamin content of fish. *Nutr. Soc. Proc.* 2: 100-104. 1944. 389.9 N953
- 29417 LOY, H. W., JR. Report on pantothenic acid. *Assoc. Off. Agr. Chem. J.* 28: 567-571. Aug. 15, 1945. 381 As7
- 29418 LYNES, R. M. Shark livers prized for vitamin A. *Poultry Supply Dealer* 22(6): 11, 26-27. June 1945. 47.8 B11
- Shark liver oil valuable both for human and livestock nutrition.
- 29419 MCDILL, J. Selling corn meal enrichment. *J. Home Econ.* 37: 493-494. Oct. 1945. 321.8 J82
- 29420 MAIGNON, F. Les légumes à feuilles vertes, envisagés comme des aliments apporteurs de protéines, susceptibles de remplacer la viande. *Rev. de Path. Compar.* 41: 325-327. Oct. 1941. 448.8 R326
- 29421 MECKEL, R. B., and ANDERSON, G. Thiamine retention and composition of U. S. Army bread. *Cereal Chem.* 22: 429-437. Sept. 1945. 59.8 C33
- 29422 MELNICK, D., and others. The multiple nature of vitamin B<sub>6</sub>. Critique of methods for the determination of the complex and its components. *J. Biol. Chem.* 160(1): 1-14. Sept. 1945. 381 J824
- M. Hochberg, H. W. Himes, and B. L. Oser, joint authors.
- 29423 MEREDITH, W. O. S. Analysis of data for A. A. C. C. check sample service. I. Protein and thiamine results, 1943-44. *Cereal Chem.* 22: 437-448. Sept. 1945. 59.8 C33
- 29424 NELSON, E. M. Statement on carotene. *Assoc. Off. Agr. Chem. J.* 28: 544-547. Aug. 15, 1945. 381 As7
- 29425 ROBERTS, F. The war can still get you. *J. Living* 11(5): 59-62. Nov. 1945. 389.8 J822
- Foods to protect against war-borne ills.
- 29426 STEELE, H. K. Report of the 1944-45 committee on niacin (nicotinic acid) assay. *Cereal Chem.* 22: 448-454. Sept. 1945. 59.8 C33
- 29427 TOLLE, C. D. Report on vitamins. *Assoc. Off. Agr. Chem. J.* 28: 543-544. Aug. 15, 1945. 381 As7
- 29428 TRESSLER, D. K. Frozen foods are nutritious. *South. Dairy Prod. J.* 38(4): 26, 30-31. Oct. 1945. 44.8 So83
- 29429 VAN DER MERWE, J. Facts about honey. *Beekeepers Item* 29: 340. Oct. 1945. 424.8 B397
- Nutritive value.
- 29430 WILKIE, J. B. Report on vitamin A. *Assoc. Off. Agr. Chem. J.* 28: 547-554. Aug. 15, 1945. 381 As7

## MISCELLANEOUS

## GENERAL

- 29431 ALBERTA. DEPT. OF LANDS AND MINES. Annual report, 1943/44, 127 p. Edmonton, 1945. 280.9 AL14
- Includes reports of the Lands and Forestry Administrations.
- 29432 ANUÁRIO de Lourenço Marques; manual de informações da Cidade e Porto de Lourenço Marques e restantes distritos da Colónia de Moçambique, 31st, 1945, 847 p. Lourenço Marques, 1945. 270 M873
- Contains names of firms handling and processing agricultural products and of large-scale farms and estates in the various provinces.



- 29433 BEESON, K. C. The occurrence of mineral nutritional diseases of plants and animals in the United States. *Soil Sci.* 60: 9-13. July 1945. 56.8 So3
- 29434 BRITISH HONDURAS. DEPT. OF AGRICULTURE. Annual report for 1944, 10 p. Belize? 1944? 8 B773
- 29435 CALIFORNIA. FARM PRODUCTION COUNCIL. Report of activities, [1st] 1943/44, 34 p. Sacramento? 1945. 4 C125
- 29436 COWING, A. G. They speak his language. *J. Home Econ.* 37: 487-489. Oct. 1945. 321.8 J82  
Simplification of the language of farm publications.
- 29437 CRUICKSHANK, J. G. British Guiana centenary: Royal Agricultural and Commercial Society. *West India Com. C.* 59: 46-48. Mar. 1944. 8 W524
- 29438 EMERSON, A. W. Sources of agricultural information. *Your Farm* 4(1): 109-126. Nov. 1945. 6 Y8  
All Federal, State, and county agencies of the Government and their publications.
- 29439 FREITAS, H. DE. Ainda sobre divulgação agrícola. *Rev. dos Criadores* 16(9): 43-44. Sept. 1945. 43.8 R32  
The problem of authoritativeness in articles in farm journals.
- 29440 HAINSWORTH, R. G. River basins of Chile. *Agr. in the Americas* 5: 200, 196-197. Oct. 1945. 1 F752A  
Includes climate, vegetation, soil, and transportation.
- 29441 HEIMPEL, L. G. Canadian gives his impressions of conditions in Newfoundland; fate of tax reform and program to develop the island colony's natural resources may rest on results of plebiscite. *Family Herald and Weekly Star* 76(38): 7, 8. Sept. 19, 1945. 7 F21
- 29442 HUTCHINSON, G. E. Aluminum in soils, plants, and animals. *Soil Sci.* 60: 29-40. July 1945. 56.8 So3
- 29443 JAMES, M. C., MEEHEAN, O. L., and DOUGLASS, E. J. Propagation and distribution of food fishes, calendar year 1943. *U. S. Fish and Wildlife Serv. Statis. Digest* 12, 25 p. Washington, 1945. 156.2 St2  
Farm fishpond program included.
- 29444 LILIENTHAL, D. E. The TVA; new ways for a new world. *Woman's Press* 39(9): 10-12. Oct. 1945. 110 W84
- 29445 LOS ANGELES COUNTY. AGRICULTURAL COMMISSIONER. Annual report, 1944/45. Los Angeles, 1945. 81 L89A
- 29446 MCDOUGALL, F. L. The United Nations Interim Commission for Food and Agriculture. *Nutr. Soc. Proc.* 2: 167-171. 1944. 389.9 N953
- 29447 MITCHELL, H. H., and EDMAN, M. Fluorine in soils, plants, and animals. *Soil Sci.* 60: 81-90. July 1945. 56.8 So3
- 29448 MORALES FRAILE, E. Comentarios al Congreso Agrícola de Galicia. In *Spain. Min. de Agr. Conf. Pronunciadas en la Emisión Radio Agr.*, p. 423-431. Madrid, 1945. 15 Spl2C
- 29449 NESS, J. "Reserved... unto His Majesty!" *Family Herald and Weekly Star* 76(42): 7. Oct. 17, 1945. 7 F21  
Reservations to the Crown of minerals, oil, and other products that may be found in Canadian farm lands.
- 29450 NEW YORK. COMPTROLLER. Annual report, 1944; v. 1: Financial statements, 93 p. Albany, 1945? 252.61 C73R  
Expenditures of the Dept. of Agriculture and Markets. p. 55.
- 29451 NORTH CAROLINA. DEPT. OF AGRICULTURE. Report, 1942/44, 222 p. Raleigh, N. C., 1944. 2 N81R
- 29452 PEARSON, L. B. Food and Agriculture Organization of the United Nations. *Nutr. News* 9(1): 1. Oct. 1945. (Beltsville Branch Libr.)
- 29453 PERAZA Y SARAUSA, F. Bibliografías cubanas. *U. S. Libr. Cong. Latin Amer. Ser. No. 7*, 58 p. Washington, 1945. 242.12 Un34
- 29454 SOUTH AFRICAN INSTITUTE FOR MEDICAL RESEARCH, JOHANNESBURG. Annual report, 1944, 47 p. Johannesburg, 1945. 448.9 So81  
Includes work on medical entomology and on nutrition.
- 29455 TODD, A., comp. Official serial publications of the University of Missouri; a check list. *Mo. U. B.*, v. 46, No. 15, ed. 4, 255 p. Columbia, 1945. (Libr. Ser. No. 20) 243.7 M69  
College of Agriculture publications, p. 68-148.
- 29456 TRAVANCORE. AGRICULTURAL DEPT. Administration report, 1119 M. E., 36 p. Trivandrum, 1945. 22 T69
- 29457 TRELEASE, S. F. Selenium in soils, plants, and animals. *Soil Sci.* 60: 125-131. Aug. 1945. Ref. 56.8 So3
- 29458 U. S. DEPT. OF LABOR. DIVISION OF LABOR STANDARDS. Labor offices in the United States and in Canada, July 1, 1945. *U. S. Dept. Labor. Div. Labor Standards. B.* 74, 28 p. Washington, 1945. 158.58 B87  
Brings up to date *U. S. Dept. of Labor Bulletin* 64, issued in Oct. 1943. Includes agriculture.
- 29459 VIRGINIA. DEPT. OF AGRICULTURE AND IMMIGRATION. Report, 1943/44, 83 p. Richmond, 1944. 2 V81R
- 29460 WARD, J. C. Rat control - the use of rodenticides. *Pests* 13(10): 16. Oct. 1945. 449.8 Ex8
- 29461 WARD, J. C. Rodenticides--present and future. *Soap and Sanit. Chem.* 21(9): 117, 119, 127. Sept. 1945. 307.8 Sol2
- 29462 YOUNG, M. L. New department at O. A. C. *Family Herald and Weekly Star* 76(40): 11. Oct. 3, 1945. 7 F21  
Department of Soils created at Ontario Agricultural College.

## HISTORY AND BIOGRAPHY

- 29463 ADAM, R. M. Alexander Cowan. *Bot. Soc. Edinb. Trans. and Proc.* 34: 211-212. 1944. 451 Ed41
- 29464 BARRUS, M. F., and STAKMAN, E. C. Herbert Hice Whetzel, 1877-1944. *Phytopathology* 35: 659-670. Sept. 1945. 464.8 P56
- 29465 BOONSTRA, C. A. Cuba's plant scientist Dr. Juan Tomás Roig y Mesa has spent most of a long and useful life studying the plants of Cuba and introducing new plants for the economic welfare of the island. *Agr. in the Americas* 5: 193-195. Oct. 1945. 1 F752A
- 29466 \*CAPPELLETTI, C. Carlo Avetta (1861-1941). *Notizie necrologiche. Nuovo Gior. Bot. Ital. (n. s.)* 48: 648-653. 1941, pub. Jan. 31, 1942. 450 N92
- 29467 \*CATALANO, G. Antonino Romeo (1899-1941). *Nuovo Gior. Bot. Ital. (n. s.)* 48: 681-683. 1941, pub. Jan. 31, 1942. 450 N92  
List of his publications.
- 29468 \*CHOUX, P. Le professeur Elie Decrock (1868-1944). *Soc. Bot. de France. B.* 91: 145-147. Oct./Nov. 1944. 451 F84B
- 29469 \*CIFERRI, R. Domenico Lanza (1868-1940). *Nuovo Gior. Bot. Ital. (n. s.)* 48: 446-448. 1941. 450 N92  
List of his publications.
- 29470 COE, W. R. Francis Bertody Sumner, August 1, 1874-September 6, 1945. *Science* 102: 344-346. Oct. 5, 1945. 470 Sci2
- 29471 EMBERGER, L. Paul Bertrand (1879-1944). *Soc. Bot. de France. B.* 91: 161-165. Oct./Nov. 1944. 451 F84B
- 29472 EVANS, G. Prebendary Lonsdale Ragg. *Nature [London]* 156: 289. Sept. 8, 1945. 472 N21



29473 JORDAAN, J. J. Poultry men and women as I knew them; Friedrich Wilhelm Klein. So. African Poultry, Pigeon & Bird Mag. 51: 223. Sept. 1945. 47.8 So83

29474 LEITAO, J. L. DA S. O Professor Velasco Martins. Rev. de Med. Vet. [Lisboa] 40(312): 10-14. Jan./Apr. 1945. 41.8 R3215

29475 LOOSER, G. El R. P. Atanasio Hollermayer [1860-1945]. Rev. Argentina de Agron. 12: 150-152. June 1945. 9 R327

29476 \*MESSERI, A. Maria Cengia Sambo (1888-1939). Nuovo Gior. Bot. Ital. (n. s.) 48: 436-445. 1941. 450 N92

List of her publications.

29477 NEGRI, G. Augusto Béguinot (1875-1940). Nuovo Gior. Bot. Ital. (n. s.) 47: 718-749. 1940, pub. Apr. 1941. 450 N92

29478 P., M. C. Eli Whitney, el inventor de la desmotadora de algodón. Surco [Madrid] 4(40): 18-19. June 1945. 15 Su7

29479 PARODI, L. R. Fortunato L. Herrera [1873-1945]. Rev. Argentina de Agron. 12: 152. June 1945. 9 R327

29480 PARR, W. J. Frederick Chapman (1864-1943). B. Zool. Nomencl. 1: lxxx-lxxxi. Aug. 21, 1945. 410 B874

29481 PÉREZ PIERONI, T. Evocación de la primera exposición de la Sociedad Rural Argentina en 1875. Chacra 15(179): 34-35, 40. Sept. 1945. 9 C34

29482 \*U. S. S. R. SOVET NARODNYKH KOMISSAROV I TSK VKP(b). Ob oznamenovanii 75-letia so dniã rozhdenia akademika Komarova Vladimira Leont'evicha, presidenta Akademii nauk SSSR [On honoring the 75th birthday of academician Vladimir L. Komarov, president of the USSR Academy of Sciences]. Priroda 33 (5/6): 5-10. 1944. 410 P933

Includes discussion of his works and contributions to botany.

29483 VAN PELT, H. D. Henderson Llewelling: Pacific pioneer nurseryman. Calif. Hort. Soc. J. 6: 273-274. July 1945. 81 C1293

29484 VAYSSIÈRE, P. L'œuvre scientifique de Paul Marchal (1862-1942). Inst. Natl. Agron., Paris. Ann. 33: 6-33. 1942. 105.3 In8

#### INTER-AMERICAN RELATIONS

29485 HAGGERTY, J. J. Third Inter-American Conference [on Agriculture] stresses postwar problems. Agr. in the Americas 5: 183-186, 194-195. Oct. 1945. 1 F752A

29486 MOORE, R. E. Good-neighborliness through technical agricultural collaboration. U. S. Dept. State. B. 13: 409-413. Sept. 16, 1945. 150 B87

Program of U. S. Department of Agriculture in establishment and operation of agricultural experiment stations in other American Republics through Inter-departmental Committee on Cultural and Scientific Cooperation.

#### METEOROLOGY

29487 LAGOS U., J. A. Meteorología agrícola. Agr. Costarricense 3: 293-294. July 1945. 8 Ag895  
Influence of isothermic lines on agriculture.

#### RESEARCH

29488 \*AVDONIN, N. Dostizhenia nauki - na sluzhbu sotsialisticheskomu zemledeliu [Scientific achievements at the service of socialist agriculture]. Sovkhoz. Proizvod. 16(4/5): 54-58. Sept. 1944. 281.8 So73

Contributed by: 1. Institut Zernovogo Khoziaistva Ugovostoka; 2. Vsesoiuznyi Nauchno-Issledovatel'skii Institut Agrolesomeliatsii; 3. Vsesoiuznaia Riso-vaiia Stanitsa.

29489 BEEBE, W. We carry the Society into the jungle. N. Y. Zool. Soc. B. 48: 152-157. Sept./Oct. 1945. 410.9 N483B

Refers to Rancho Grande, the Society's new research station in Venezuela for the collection and study of jungle animals and plants.

29490 COMPTON, K. T. Organization of American scientists for the war. Roy. Soc. London. Proc. Ser. A 182(988): 1-17. Sept. 6, 1943. 501 L84A

Department of Agriculture mentioned in review of scientific and technical organizations of the United States as they exist in peacetime.

29491 FRY, H. S. Land north of sixty. Country Guide 64(10): 8, 31-32. Oct. 1945. 7 G76

New experimental substation in Yukon Territory, Canada.

29492 HOOD, M. M. Research work at the O. A. C. Ontario Agricultural College. Canad. Countryman 34(21): 4, 46, 47. Oct. 13, 1945. 7 C833

29493 PETERBURSKIĬ, A. V nauchno-issledovatel'skikh uchrezhdeniakh na konferentsii uchenykh. Sovkhoz. Proizvod. 4(12): 42-43. Dec. 1944. 20 So85

Reports from scientific research institutions at conference of scientists dedicated to the 101st birthday of K. A. Timiriāzev at the Moskovskaiia Ordena Lenina Sel'skokhoziaistvennaia Akademiia im. K. A. Timiriāzeva.

29494 YOUNG, M. L. Press inspects work at O. A. C. Family Herald and Weekly Star 76(39): 14. Sept. 26, 1945. 7 F21

Research at Ontario Agricultural College at Guelph.

#### STATISTICS

29495 GEARY, R. C. The concept of net volume of output with special reference to Irish data. J. Roy. Statis. Soc. (n. s.) 107: 251-259. 1944. 251 R815  
Discussion, p. 259-261. Reply by Dr. Geary, p. 290-292.

Contains statistics of production in certain industries including those based on agricultural products.

29496 HAGOOD, M. J., and BERNERT, E. H. Component indexes as a basis for stratification in sampling. Amer. Statis. Assoc. J. 40: 330-341. Sept. 1945. 251 Am3

29497 PEDROWSKY, I. Pesquisas econômicas. Orientação Econ. e Financ. 3(38): 13-18. July 1945. 280.8 Or42

Includes statistics as applied to agriculture.

29498 ROCHA, M. V. DA. A previsão das safras agrícolas. Brazil. Dept. Nac. do Café. DNC 25: 33-43. (To be cont.) July 1945. 286.83 D44  
Statistical method.

#### NEW PERIODICALS AND SERIALS

29499 CAMPO Y ARADO: revista amena de información y defensa del productor rural. Monthly. Vol. 1, No. 5, Aug. 1945. 34 p. Buenos Aires, Defensa 188. 9 C152

29500 CARNEGIE ENDOWMENT FOR INTERNATIONAL PEACE. DIVISION OF ECONOMICS AND HISTORY. Agricultural series. No. 1, 1945. 37 p. Berkeley, U. Calif. Press. 281.9 C21

First of a series on the tariff.

29501 FARMERS BANK OF CHINA. DEPT. OF ECONOMIC RESEARCH. Monthly bulletin; index numbers of retail prices in leading cities of China (with appendices on financial and agricultural statistics). (In Chinese.) Processed. Chungking? 284.39 F22

Library has received Jan.-Mar., May-June 1945.

29502 GORDON TEXTILE REVIEWS. No. 1, Dec. 1944. 7 p. Geelong, Victoria, Gordon Institute of Technology. 304.8 G65



29503 GROWERS ADMINISTRATIVE COMMITTEE. Statistical Bulletin. Weekly? No. 1, Week ending Oct. 6, 1945. 9 p., processed. Lakeland, Fla. 286.83 G912

Citrus marketing statistics.

29504 INSTITUTO EXPERIMENTAL DE AGRICULTURA, EL VALLE, D. F., VENEZUELA. DEPARTAMENTO DE GENÉTICA. Boletín. No. 1, May 1945. 59 p. Caracas, Venezuela, Ministerio de Agricultura y Cría. 9.95 EL1Bo

29505 THE PALESTINE ECONOMIST. Monthly. Vol. 1, No. 1, July 1945. 19 p. Jerusalem, P. O. B. 1175. 280.8 F17

29506 THE RABBIT RAISER. Vol. 1, No. 1, Sept. 1945. 16 p. Los Angeles, 15, Calif., Mercury Pub. Co., 579 Chamber of Commerce Bldg. 40.28 R11

29507 SUGAR RESEARCH FOUNDATION, INC. Scientific report series. No. 1, Apr. 1945. 61 p. New York. 65.9 Su34

29508 SVENSKA SOCKERFABRIKS AKTIEBOLAGET. Socker. Vol. 1, No. 1, Jan. 22, 1945. 15 p. Malmö, Box 258. 65.8 Sol

29509 URUGUAY INDUSTRIAL. Monthly. Vol. 1, No. 3, Mar./Apr. 1945. p. 81-128. Montevideo, Misiones. 1422. 280.8 Ur8

29510 VIRGINIA. SOIL CONSERVATION COMMITTEE. Pamphlet. No. 1, Aug. 1944. 4 p. Blacksburg. 56.9 V81P



Item	Item	Item	Item
Abberg, E. ....729,990,10514	Adames, G. E. ....10043	Airy Shaw, H. K. ....7915,	Albright, W. D. ....1299
Aberman, A. ....4139,21059-60	Adams, B. ....10078,24764	18049-50	Albury, M. ....25101
Akeson, A. ....15729	Adams, C. D. ....6456	Aitken, M. ....13207	Alcaraz Mira, E. ....1282-3,
Aalund, H. ....6786	Adams, D. A. C. ....25049	Aitken, T. R. ....28811	26668
Aamodt, E. E. ....22078	Adams, G. ....3928	Aitken, Y. ....6221	Alcazar, J. ....15308
Aandahl, A. R. ....3913	Adams, J. C. ....12986,28269	Aitkins, A. E. ....21027	Alcides Ocamoo, J. ....13466,
Aartsen, J. P. van. ....6970	Adams, J. E. ....5511,23591	Aiton, E. W. ....14798-9,20010	21108,21641
Aslander, A. ....1668,19257	Adams, J. R. ....13244,23860,	Aiyappa, K. M. ....6126	Alcock, A. W. ....9424
Abbeyes, H. des. ....10168	28489	Aiyar, S. P. ....992	Aldeguier, d'. ....489
Abbott, C. E. ....10291,28060	Adams, R. ....9583,14819	Aiyer, V. G. R. ....4153	Alden, C. H. ....25678
Abbott, C. J. ....29121	Adams, T. M. ....9746	Ajello, L. ....26122	Alderks, O. H. ....8891,13835,
Abbott, E. V. ....15459,26373	Adams, W. ....9391	Ajello, P. ....27487	24384
Abbott, F. H. ....23949,	Adamson, N. J. ....21217	Ajroldi, P. ....10079	Aldous, A. ....1398
24007-8,28622	Adán Suazo, J. ....14090	Akademiya Nauk SSSR. ....26102	Aldous, S. E. ....27259
Abbott, J. ....4150-1	Adatia, R. D. ....6181	Akeley, R. V. ....15524	Aldrich, D. G. ....1740
Abbott, J. P. ....12277,	Addams, J. ....20472	Akerman, A. ....22010	Aldrich, Mrs. O. ....17508
13463-4,14473	Addicott, F. T. ....6180	Akers, J. B. ....2162	Aldrich, W. W. ....9360,14474,
Abbott, M. ....5306	Addis, C. J. ....3440	Akhundzade, I. ....5308	20473
Abbott, R. L. ....3613	Addison, Viscount. ....9908,	Akkoyunlu, Z. ....10804,15878	Aldrovandi, A. ....11308
Abby, C. ....3798,4152,22788	14091	Aksim, M. L. ....19566	Aleksandrov, A. D. ....20606
Abdel-Malek, Y. ....23986	Adkin, B. W. ....22009	Aksu, S. ....11080,13278	Aleksandrov, N. A. ....7366
Abdul, A. ....20975	Adolf, E. ....3189	Aktiebolaget Svenska	Aleksandrov, V. G. ....10080,
Abdussalam, M. ....2305	Adolfson, L. H. ....500	Handelsbanken. ....19293	26403
Abegglen, P. ....3306	Afanasiev, M. M. ....262	Akulova, N. S. ....11741	Aleksandrov, V. V. ....19036
Abel, R. C. ....23859	Afridi, M. K. ....18009	Ala. Agr. Expt. Sta. ....	Aleksandrova, L. N. ....1749
Abel K., R. ....22653	Agarwal, R. R. ....20997,21730	9652-7,14959-60,20242-6	Aleksandrova, O. G. ....26403
Abele, C. A. ....4040	Agarwala, A. N. ....9137,9279,	Ala. Dept. of Agr. and	Alekseenko, I. ....22819
Aberconway, Lord. ....10861-2	29052	Indus. Agr. Statis. Div. ....	Alemanni, N. M. ....9053,14291
Abercrombie, P. ....5725	Agénjo Cecilia, C. ....22360,	19944	Alessandretti, C. ....10676
Aberdeen, J. E. C. ....10292	28566	Ala. Polytech. Inst. Agr.	Alexander, A. K. S. ....7443,
Abetz, K. ....16601	Agerberg, L. S. ....1583,21941	Ext. Serv. ....318-28	8920,9085,12122-4,17263,
Abeywickrama, B. A. ....5989	Agete, F. ....10825,21246	Ala. State Planning Bd. ....	19294,22628,22686-7,
Abitbol, J. ....1582,16173,	Agrelus, F. U. G. ....15316	5317	23717,28960
21720,23806	Agricultural Bank of	Alabouvette. ....21061	Alexander, A. L. ....24540
Abondano Herrera, A. ....19289,	Tasmania. ....19215	Alagappan, V. ....13393	Alexander, C. P. ....3441-2,
29122	Agricultural Com. for	Alam, S. M. ....28153	7977-9,12693,17968-70,
Abonnenc, E. ....23103	Amer.-Soviet Friendship,	Alamo Ibarra, R. ....15467,	23220-1,28061
Abraham, A. ....949-50,20924	Inc. ....479,27251,29200	25972	Alexander, C. S. ....2801
Abrahamsen, M. A. ....19668	Agüero, E. I. ....18185	Alarcón, A. ....28809	Alexander, D. F. ....15509,
Abrams, L. E. ....17451-2,27748	Aguilar, F. ....26182	Alarcon, P. J. ....16325,21684	26289
Abrisqueta, F. de. ....13271,	Aguilar, J. d'. ....7975-6	Alarcon Ch., P. J. ....11354,	Alexander, E. D. ....5568
24762	Aguilar, P. C. ....8183	27046	Alexander, F. ....27291
Absalom, J. ....17212	Aguilar Uranga, M. ....28452	Alarcón M., A. ....8489,13722	Alexander, L. J. ....864,11192,
Absalom, W. H. ....2673	Aguilera, M. C. ....24312	Alaska. Univ. Agr. Ext.	11226,11261
Absalom, W. M. ....2825	Aguilo, I. ....4529	Serv. ....15029	Alexander, M. ....27763
Accademia dei Georgofili,	Aguirre, N. ....29250	Alatraste, S. ....14274	Alexander, M. A. ....5811,6349,
Florence. ....9864	Aguirre A., R. ....16545	Alayza Escardo, L. ....22437	10739,17578
Acederach, M. ....26734	Aguirre Andres, J. ....18367,	Alayza Grundy, L. ....28567	Alexander, O. R. ....13193
Acevedo Davenport, E. ....26897	21713	Alazraqui, J. M. ....15760	Alexander, R. A. ....22414
Acharya, G. N. ....6940,21977	Aguirre Vogt, L. ....17680	Alba, J. de. ....16975	Alexander, T. L. ....26542
Ackerknecht, E. ....15216	Ahad, A. ....20974	Alban, E. K. ....10293	Alexander, W. ....11393
Ackerman, F. E. ....18658,	Ahalt, A. M. ....20291,24765	Albareda Herrera, J. M. ....	Alexander, W. H. ....9678
24063,28664	Aharonovitch, I. ....6346	6779	Alexander, W. M. ....4982
Ackerman, F. G. ....8217	Ahlberg, O. ....3112	Albaugh, R. ....6348,22892	Alexander, W. P. ....27004
Ackerman, H. A. ....23950	Ahlgren, G. H. ....1184,9700,	Albee, G. ....19800	Alexandersson, H. ....4476
Ackerman, J. ....20474	9704	Albergaria, T. S. ....24622	Alexeievsky, A. ....13702
Ackerman, W. F. ....13118	Ahlgren, H. L. ....991,5709,	Albert, A. R. ....5473	Alfaro, A. ....7916,8453
Ackermann, D. ....12460	6347	Albert, J. O. ....28632	Alfend, S. ....13279
Ackermann, H. A. ....13425	Ahlström, L. ....15706	Alberta. Dept. of Agr.	Alfonso, J. C. ....16592
Ackers, C. P. ....11512,22167	Ahmad, N. ....8540,24091,24766	Agr. Ext. Serv. ....23897	Algar, J. ....14642
Ackert, J. E. ....646,12075	Ahrendes, E. R. ....5382,18872	Dairy Branch. ....18617	Alger, H. B. ....445
Acosta, D. R. ....20804	Ahrendt, Mrs. A. ....1584,	Alberta. Dept. of Lands	Algeria. Direction de
Acosta Solís, M. ....647,1693,	10863,21350-1	and Mines. ....29431	l'Agriculture. ....6096,6433,
9013	Ahrendt, L. W. A. ....26183	Alberta. Univ. Col. of	16219
Acosta V., L. ....8589,13722,	Ahrens, L. H. ....21697	Agr. ....11178	Algeria. Direction
28809	Ahumada, J. ....15308	Alberti, B. ....18098	Générale des Affaires
Acree, F., Jr. ....12389	Ahumada C., J. ....3914	Alberti, M. M. ....1397,10864	Economiques. Service de
Acuña, J. ....10131,16561	Aicher, L. C. ....2415,2450,	Alberto Pardo, C. ....9033	l'Elevage. ....16742
Acuña, J. B. ....1010,1177	11822	Alberts, B. W. ....2826	Ali, A. M. ....15907
Adair, W. ....3771,3878,4251,	Aikman, J. M. ....8223	Albino Bridarolli, R. P. ....	Ali, Prince M. ....7357
4887,9103,9166,9169,	Aillón Tamayo, C. ....5041-2,	3548	Alia Pous, J. ....26386
9325,11754,13035,13406,	19176,29271-2	Albrecht, F. ....22011-13,22034	Alibert, H. ....26867
13465,13721,16933,	Aims of Industry, Ltd. ....	Albrecht, W. A. ....1776,	Alicata, J. E. ....11851,17303
19290-2,19799,24064,	15114	1811-14,2245,6794-5,	Alinari, E. ....16316
28854,28895,29224	Ainslie, J. B. ....2577	11193,11225,16331,20159,	All-America Selections. ....
Adam, R. M. ....29463	Ainsworth, A. N. ....24443	21721,26946	9994
Adam, W. B. ....8754,14557,	Aird, J. A. ....21842	Albrechtsen, J. ....20552	Allander, H. ....23450
18817	Aird, M. W. ....22685	Albright, K. ....17213	



Item	Item	Item	Item
All-India Vet. Assoc.	Almquist, H. J. 7444, 16743	American Soc. for Testing Mater. .... 28993	Anderson, E. G. .... 10865
Madras Branch. .... 11692	Aloisi Sobrinho, J. 12987, 18210	American Soc. of Agr. Engin., North Atlantic Sect. .... 27639	Anderson, E. J. .... 465
All-India Women's Conf. .... 9983	Alon, D. .... 27764	American Soc. of Brewing Chem. .... 4383, 15161	Anderson, E. M. .... 25952
Allahabad Agr. Inst. .... 10009	Alonso, E. .... 28925	Subcom. on Malt. .... 28520	Anderson, E. O. .... 27437
Allen, G. F. .... 12207	Alonso N., L. .... 22594	American Tariff League. .... 15115	Anderson, G. .... 29421
Allen, J. A. .... 7663	Alp, H. H. .... 364, 5576, 9775	American Vet. Med. Assoc. .... 11693, 27292	Anderson, G. C. .... 20383
Allen, P. B. M. .... 3549	Alpatov, V. V. 12907, 27934	American Wildlife Inst. .... 15311	Anderson, G. K. .... 14558
Allen, R. G. .... 9855	Alper, C. .... 20648	American Zinc Inst., Inc. .... 9911	Anderson, H. .... 28915-16
Allard, H. A. .... 711, 730, 993	Alston, C. .... 20365	Amery, W. B. .... 8427, 13147, 18393-4, 25021	Anderson, H. C. .... 2067
5901, 5912-13, 9487	Alstrup, G. L. .... 18255	Ames, O. .... 10171	Anderson, Mrs. H. J. .... 6461
Allegrì, E. .... 612, 11503	Altamirano, S. E. .... 19704	Ames, S. R. .... 9427	Anderson, H. O. 9631, 14900
Allen, A. A. .... 3092, 3383	Altara, I. .... 7242, 8476	Amick, W. R. .... 9786	Anderson, J. .... 1288
Allen, A. J. .... 13121	Altenburg, E. .... 26099	Amidon, P. S. .... 25050	Anderson, J. A. .... 7333
Allen, C. E. .... 963	Althofer, G. W. .... 26184	Amiot, L. P. .... 11588	Anderson, J. L. .... 15105
Allen, C. K. .... 10169	Althouse, S. L. .... 28961	Ammann, G. .... 6458	Anderson, J. M. .... 19568
Allen, E. J. .... 1585, 9754, 16174, 16332, 20359, 20365	Altmeier, A. J. .... 24642	Ammons, N. .... 5914	Anderson, K. L. .... 16363
Allen, E. W. .... 48	Alton, Mrs. C. F. .... 6457	Amon-Wilkins, J. .... 27107	Anderson, M. .... 3990
Allen, F. .... 3786	Altpeter, L. S. .... 26614	Amorim, D. P. d' .... 23845	Anderson, R. .... 14276, 19478
Allen, F. E. .... 7285	Altstatt, G. E. 6018, 6087, 15541, 18051	Amos, A. .... 13110, 22389	Anderson, R. C. .... 3443
Allen, F. J. .... 28812	Alvarenga, L. .... 15619, 17681	Amos, E. R. .... 1311	Anderson, R. F. .... 12636
Allen, F. W. .... 5488	Alvarez, A. S. .... 19129	Amos, M. .... 320, 322	Anderson, R. H. 8892, 17264, 22014
Allen, G. .... 24488	Alvarez, B. .... 3879	Amsden, J. 7408, 7506, 17214, 22688	Anderson, R. K. 5236, 14559, 14570
Allen, G. E. .... 5587	Alvarez, J. C. .... 15761	Amstein, W. G. .... 5586, 11009	Anderson, S. L. .... 28288-9
Allen, G. F. .... 29336	Alvarez Herrero, H. G. de. .... 14573	Amsterdam. Kolonial Instituut. .... 15380	Anderson, T. C. .... 21888
Allen, G. H. .... 17547	Alves, B. .... 14092	Amundson, L. R. .... 18368	Anderson, W. A. .... 271, 273, 14210, 29304
Allen, H. R. .... 11414, 20285	Alves da Silva, A. .... 16241	Anaïs. .... 11645	Anderson, W. S. .... 232, 5337, 6607-9, 12990, 21291
Allen, H. W. .... 23414	Alway, F. J. .... 10515	Anaïs, D. .... 22361	Anderssen, E. E. .... 7705, 18101, 23451
Allen, J. H. .... 16419	Amaral, A. A. .... 21738	Anandan. .... 16334	Andersson, I. H. .... 16879
Allen, M. .... 22788	Amaral, J. F. do. .... 15534	Anandan, M. .... 16546, 18855, 19801	Andersson, J. .... 21124
Allen, M. H. .... 3829	Amaral, R. de. .... 4530	Ananias, S. A. .... 28101	Andersson, Y. .... 23638
Allen, P. .... 26735	Amaral, V. S. G. do. .... 4253, 16175, 21553	Anantanarayanan, K. P. .... 18109-10	Andrade, M. A. .... 23999
Allen, P. W. .... 9402	Amargos, J. L. .... 6796, 9280, 11008, 18854, 23222, 26947, 28168	Anastasia, P. .... 2344, 14376, 24915, 25209	Andrade, A. C. .... 28258
Allen, R. C. .... 1399, 26736	Amaya Rojas, A. .... 25020	Anceschi, L. .... 16974	Andrade, B. M. de. .... 6350, 1186, 1799, 2416, 11823, 16934
Allen, R. E. .... 26737	Ambler, J. A. .... 29009	Ancizar, E. .... 9227	Andrade, D. X. de. .... 20750
Allen, R. J. L. .... 18847, 24266, 28808	Ambrosini, G. .... 14292	Ancona Pérez, A. 4154, 18661	Andrade, T. de. .... 13280, 18492-4, 19705, 28521
Allen, S. E. .... 15324	Ameel, D. J. .... 12075	Ancona Ponce, L. .... 26688	André, A. J. .... 24570
Allen, S. W. .... 9989	American Aberdeen-Angus Breeders' Assoc. .... 16877	Andal, M. E. .... 18211	André, E. d' .... 24270
Allen, T. C. .... 15110, 22913-15, 23363, 23369, 23460, 28077	American Assoc. of Land-Grant Col. and Univ. Com. on Ext. Organ. and Policy. .... 25391	Anders, C. B. .... 16485	André, F. .... 2556-9, 17849
Allen, W. G. .... 24842	American Assoc. of Univ. Women. .... 26032	Anders, J. .... 13617	André-Thomas. .... 23311
Allen, W. H. .... 5285, 17453	American Bankers Assoc. Agr. Comm. .... 29084	Andersen, A. A. .... 8773	Andrae, W. A. .... 14560
Allen, W. L. .... 3550	American Enterprise Assoc. .... 9874	Andersen, A. M. .... 994, 1185	Andreas, F. .... 2246-7
Allen, W. R. .... 17751	American Feed Mfrs. Assoc. .... 11677	Andersen, E. M. 15488, 25778	Andreeva, N. .... 16338
Allende, O. .... 3645	American Forest Prod. Indus. .... 15247	Anderson. .... 24371	Andrés, F. .... 6222
Allendes, O. .... 23592	American Foxhound Breeders' Assoc. .... 27472	Anderson, A. .... 27453	Andres. .... 7243
Allheimen, H. .... 22049	American Geog. Soc. .... 9887	Anderson, A. B. .... 29358	Andres, J. .... 7194
Allington, F. D. .... 14275	American Geophys. Union. .... 16420, 27013	Anderson, A. C. .... 25483, 25623-8	Andréu, J. .... 11824
Allis-Chalmers Mfg. Co. .... 26092	American Hampshire Sheep Assoc. .... 17535	Anderson, A. H. .... 19945	Andrew, D. A. .... 22438
Allison, C. C. 10294, 24489	American Hereford Assoc. .... 16878, 22302	Anderson, A. W. .... 1400, 6459-60, 25192	Andrew, J., Jr. .... 11010
Allison, F. E. .... 16383	American Hist. Assoc. Hist. Serv. Bd. .... 9856	Anderson, B. .... 11054	Andrew, W. D. .... 21921
Allison, J. B. .... 7333	American Inst. of Public Opinion. .... 108	Anderson, B. D. 3905, 15187	Andrews, D. K. .... 19246
Allison, J. L. .... 20768-9	American Libr. Assoc. .... 649	Anderson, B. P. .... 2455, 2827-8, 8168, 12092	Andrews, F. E. .... 3799
Allmendinger, D. F. .... 313	American Maize-Prod. Co. .... 15160	Anderson, C. P. 4667, 8387, 13148-9, 14093, 18395, 18462, 18536, 18642-3, 18662-3, 19295, 19567, 20191-200, 24315, 24677-8, 24746, 28568	Andrews, F. N. .... 4521
Allorge, P. .... 10144, 10170, 10242, 10261-2, 10271, 10399-402, 14643	American Natl. Red Cross. .... 9977	Anderson, C. V. .... 17009	Andrews, F. W. .... 6677
Allorge, V. .... 10144, 10242	American Phil. Soc. .... 27121	Anderson, C. W. .... 7261	Andrews, H. .... 16690
Allred, B. W. 17579, 22574, 22841	American Rose Soc. .... 20582	Anderson, E. .... 4254, 10043, 20626, 20633	Andrews, H. E. .... 21222
Allred, C. E. .... 301, 20341	American Russian Inst. 5865	Anderson, E. A. .... 14837	Andrews, H. N. 10289, 20627
Allred, D. H. .... 18461	American Seed Trade Assoc. .... 4639	Anderson, E. B. .... 23980	Andrews, I. H. .... 22141
Allston, R. F. W. .... 20483		Anderson, E. E. .... 12093	Andrews, J. S. .... 29397
Allwright, W. J. S. .... 8716			Andrews, W. E. .... 13618
Almada Saprizá, H. .... 1815, 16333, 21710			Andrews, W. S. .... 10866
Almanza Ocampo, B. .... 6694			Andrieu, E. C. .... 4701, 14356
Almeida, C. R. M. de. 2031, 4252, 15899, 20907, 21221			Andross, M. .... 14561
Almeida, D. .... 24507, 24767			Añe Alderete, A. 2829, 7507
Almeida, J. L. de. 13467-8, 18659-60			Anfimov, M. V. .... 14685
Almeida, R. F. d' .... 18099-100			Angel, A. D. .... 11309
Almeida Castro, M. de. .... 18165			Angel Rottgardt, A. .... 17548
Almeida S., J. A. .... 27865			Angel Tobal, M. 11472, 16725
			Angeleri, G. .... 27293



Item	Item	Item	Item
Angelini, F.....5717,9995, 24385	Arango, P. A.....15979	Argüello Castañeda, F.....4155	Arny, D. C.....10330
Angell, G. N....4255,9488, 17355,23709,27005	Arango, R.....8363,21064	Argumosa y Valdés, J. A. de.....1694	Aroeira, J. S.....1300
Angell, H. R.....995,15468	Arango V., A.....804,20751	Arias, J. B.....9403	Arosteguy, A. J.....28855
Angell, H. W.....27193	Arano, R. E.....26326	Arias Marambio, J.....2588	Arredondo, J. M.....14484
Angell, J.....27642	Arent, F. S.....20246	Ariés, P.....19707	Arrhenius, O.....27006
Angevin.....12390	Arata, M.....26461	Aries, R. S.2068,2151,7048	Arrieta M., D. L.....7730
Angevin, M.....12432	Araujo, R. L.....28154	Ariño, M. de.....13150	Arrouy, P. L.....22567
Angle, G. M.....13	Araujo e Silva, A. G. D'..... 23415	Aristides Machado, J.3929, 8477,25084	Arrow, G. J.....17910
Angle, P.....13987	Arbogast, W. E.....27199	Ariz. Agr. Col. Ext. Serv. 9752-3,15030-1	Arroyo B., V. M.....17163
Angove, P. C.....16242	Arborgast, W. E.....2150	Ariz. Agr. Expt. Sta..... 216-18,14961,20247-58, 25661	Arruda, S. C.....10383
Angulo, J.....3307	Arbour, M. B...6352,15812, 19569,20402,22596,25958	Ark. Agr. Col. Ext. Serv.. 9754,20359-77	Arsan, E. N.....16281
Angus, M. I.....5113	Arbuckle, W. S.....20346	Ark. Agr. Expt. Sta..... 14962-4,15780,25662-3	Arsenault, A.....9228
Ankenman, E. C.....17752	Arca Parró, A.....24892	Rice Branch Expt. Sta.. 14962	Arsenault, L.....4384
Anley, G.....10867	Arce, N.....15317	Ark. Agr. Expt. Sta..... 14962-4,15780,25662-3	Arteaga, P. H.....805
Anliker, J.....6394	Arceneaux, G....6387,19130	Ark. Agr. Expt. Sta..... 14962-4,15780,25662-3	Arthur, D. R.....23139
Anliker, O.....6849	Arceneaux, T. J.1669,21633	Rice Branch Expt. Sta.. 14962	Arthur, G. H.....7296
Annan, P. N...3113,22993, 27866	Archambaud.....17497	Ark. Econ. Council...25973	Arthur, J. H.....18009
Anne, P.....26963,27085	Archambaud, J.....17626	Ark. Univ. Bur. of Res.... 18483	Arthur, J. M.....3165
Annin, G. E.....25966	Archbold, H. K.....21016	Ark. Univ. Bur. of Res.... 18483	Artman, J. O...11454,11534
Anodin, P.....26575	Archer, B. F.....23593	Ark. Univ. Bur. of Res.... 18483	Artukhivskaja, E.....6269
Ansari, M. A. A.....21062, 21109	Archer, Mrs. L. A.....4755	Ark. Univ. Bur. of Res.... 18483	Artukhivskaja, E. V.24243
Anson, M.....24452	Archibald, E. S.4871,8827, 29125	Arkangel'skii, I. I...7244	Arturo, C.....17049
Ansoreña, A. de.....21063	Archibald, J. G. 252,15069, 16744	Arland, F. L.....6462	Artusi, P.....26059
Antalfy, V. S. von...13988	Ardmore, B.....29337	Arledge, A.....27725	Arzt, T.....6733
Antes, W. M.....13122	Ardron, E. E.....28453	Arlet, J.....10276-7	Asana, J. J.....6181
Anthony, D.....8600,18664	Arellano B., R.....22303	Armburst, C. A.....17854	Ascásubi, L. de.....29127
Anthony, E. L.....4870	Arellano Bonilla, R.15308	Armer, A.....3707	Ascham, L.....232
Anthony, J. L.....16542	Arena, A.....21722	Armero G., L. de.....2032	Aschner, M.....18186
Anthony, K. R. M.....21125	Arend, A. G....8222,11595, 28665	Armitage, C. C.....9105	Asdell, S. A....2362,3021, 15975
Anthony, M. M.....12216	Arènes, J.....10172-4	Armitage, E.....996	Ashbrook, F. G.....20563
Antill, R. M.....19148	Arens, L. E.....10740	Armitage, F. D.9014,19154, 24550	Ashby, A. W.....5753
Antipov-Karataev, I. N.... 11310	Arentsen S., S.....865	Armitage, H. M.....28023	Ashby, R. C.....25691
Antón Bellver, E....24768, 24867-9,29249	Argentina. Comisión Nacional de Granos y Elevadores.....25022	Armstrong, G. C.3857,9220, 24142	Ashby, W.....5342
Antonelli, A.....16880	Dirección de Economía y Comercio de Granos... 13667	Armstrong, H....7644,27795	Ashcraft, L. M.....10868
Antonelli, G.....12868	Argentina. Consejo Naci- onal de Estadística y Censos. Dirección General de Estadística y Censos.....19706	Armstrong, J. T....17048, 28569	Ashkenazi, E.....27446
Antonen, R.....12979,23633	Argentina. Consejo Naci- onal de Estadística y Censos. Dirección General de Estadística y Censos.....19706	Armstrong, L.....29126	Ashley, Sir P.....8602
Antoniani, C....8454,11121, 11405	Argentina. Consejo Naci- onal de Estadística y Censos. Dirección General de Estadística y Censos.....19706	Armstrong, N.....15412	Ashley, T. E.....6388
Antonin, R.....15810	Argentina. Consejo Naci- onal de Estadística y Censos. Dirección General de Estadística y Censos.....19706	Armstrong, O.....5648	Ashmore, A. S.....1765
Antonio Casas, G....12694	Argentina. Consejo Naci- onal de Estadística y Censos. Dirección General de Estadística y Censos.....19706	Armstrong, T.....3551	Ashton, D. F.....28095
Antonio Rugeles, J....1977, 16486	Argentina. Consejo Naci- onal de Estadística y Censos. Dirección General de Estadística y Censos.....19706	Armstrong, T. V.....13358	Ashton, E. R.....10869
Antonius, O.....7195	Argentina. Consejo Naci- onal de Estadística y Censos. Dirección General de Estadística y Censos.....19706	Armstrong, Mrs. W. H.8438	Ashton, G. C.....3043
Antonoff, A. P. See Antonov, A. K.	Argentina. Consejo Naci- onal de Estadística y Censos. Dirección General de Estadística y Censos.....19706	Arnal, C.....10438	Ashton, H.3708,4156,8603, 13470
Antonov, A. K.....15569	Argentina. Consejo Naci- onal de Estadística y Censos. Dirección General de Estadística y Censos.....19706	Arnaud, G....10329,20752, 20805-7	Ashton, J.....10081,21126, 22304,22574,24143
Antunes, F. D...4702,14211, 24141	Argentina. Dirección de Ganadería.....28908	Arnaud, R.....10516	Ashton, W. M.....11680
Antunes, R.....26140	Argentina. Dirección de Tierras.....3792	Arnaud, C.....18396	Ashwell, D. A.....12806
Antuñez Vergara, G....21642	Argentina. Dirección General de Comercio. Dirección de Política Comercial.....14476	Arnaud, C.....489	Ashworth, U. S.....20357
Appanna, M.....23483	Argentina. Dirección General de Comercio. Dirección de Política Comercial.....14476	Arnd, U.....19414	Askew, E. D.....21751
Appel, W. D.....8601	Argentina. Ministerio de Agricultura..10677,12869, 23400,24133,26004,26648	Arndt, C. H.....997	Askew, E. O.....6768
Apple, J. W....23452,25865	Dirección de Estadística 28921,28926	Arndt, H. W.....5718	Askew, R. P.....24453
Appleby, P. H.....480	Dirección Forestal..... 14698,16664-5	Arneson, R.....8744	Askew, V.....8604,12278
Applegate, P. W.....16421	Dirección de Piscic- ultura y Pesca...24549	Arnett, R.....15886	Askinazi, D. L....11134-5
Appleman, C. O.....9679	Argentina. División de Plantas Caucherías..26868	Arney, H. G.....5659	Aslett, M. J.....20274
Appleman, M. D.....25714, 25717,25726	Argentina. División de Plantas Oleaginosas.26648	Arnold, A.....29398	Asmundson, V. S.....7455, 12039,12094,25668
Appleton, Sir E. V....13245	Argentina. División de Plantas Oleaginosas.26648	Arnold, C. & Fils.....578	Asociación Agropecuaria de Salto (Uruguay)..24679
Appleton, W. C.....13469	Argentina. División de Plantas Oleaginosas.26648	Arnold, C. R.....14032	Asociación Argentina para el Progreso de las Ciencias.....25222
Appleyard, R.....22595	Argentina. División de Plantas Oleaginosas.26648	Arnold, D. J.....8881	Asociación Cafetalera de El Salvador. Junta de Gobierno.....18495
Apps, H. J....2516,16935, 18618,23639	Argentina. División de Plantas Oleaginosas.26648	Arnold, E. H.18026,28102, 28123	Asociación Colombiana de Ingenieros Agrónomos.9523
Aragon, A.....8044	Argentina. División de Plantas Oleaginosas.26648	Arnold, J.....29399	Asociación de Ingenieros Agrónomos (Colombia)..... 29069
Aragon, Marquis d'....489	Argentina. División de Plantas Oleaginosas.26648	Arnold, J. R.....11987	Asociación de Pesca y Caza de Valparaíso.....14710
Aragón Leyva, A.....21352	Argentina. División de Plantas Oleaginosas.26648	Arnold, O.....15908	Asociación de Productores de Vinos y Aguardientes de Chincha.....25237
Aragona, M. G. d'....14475	Argentina. Instituto de Sanidad Vegetal..835,5318	Arnold, R. C.....6463	Asociación General de Agricultores.....19868
Arambarri, D....1187,6351, 15811	Argentina. Secretaría de Industria y Comercio. Dirección de Estadística. 28813	Arnold, R. E.....15997-9	
Aramendi, M. A.....2285	Argentina. Secretaría de Industria y Comercio. Dirección de Estadística. 28813	Arnold, R. H.....17564	
Aramendi, M. C....2233,2501	Argentina. Secretaría de Industria y Comercio. Dirección de Estadística. 28813	Arnold, T.....9909	
Arana, F. E.....9581,28522	Argentina. Secretaría de Industria y Comercio. Dirección de Estadística. 28813	Arnold, W. P.....2139	
Arancibia López, C....27265	Argentina. Secretaría de Industria y Comercio. Dirección de Estadística. 28813	Arnould, L.....13837	
Aranda Gimenez, J. B.21643	Argentina. Secretaría de Industria y Comercio. Dirección de Estadística. 28813	Arnoux, J.....12754	
Arango, E.....1586	Argentina. Secretaría de Industria y Comercio. Dirección de Estadística. 28813	Arnst, A...2091,2101,6678, 22103	
	Argles, G. K.....6433	Arny, A. C.....1188,21189	
	Argüelles, F.....24271		
	Argüello, P.....9104		



Item	Item	Item	Item
Asociación Nacional de Cafeteros, Venezuela.....14221	Australia. Dept. of Com. and Agr. - Continued. Prod. Goals Com....19297	Baena V., M.....11355	Baker, J. A.....14212
Asociación Nacional de Colonos de Cuba.....8964	Australia. Dept. of External Territories.....19298	Bänninger, M.....17911	Baker, J. E.....29053
Asociación Nacional de Ganaderos, Venezuela.....14221	Australia. Dept. of Post-War Reconstr.....25974-5	Baerg, W. J.....17850, 20361	Baker, J. L.....17448
Asociación Nacional de Industriales de Cuba.....19252	Australia. Rural Reconstr. Comn.....4998, 5719	Bärlechner, C.....17050	Baker, J. M.....5133, 9677, 20289
Asociación Peruana de Avicultura.....25237	Auten, E., Jr.....6464	Bärner, J.....15264	Baker, K. F.....850
Asociación Rural del Uruguay.....18960, 19258, 24366	Auten, J. T.....6797, 11195, 21028, 21723	Báez, J. R.....10779, 26576, 26649	Baker, K. G.....20244
Asolin, F. D.....7466	Avanzi, E.....11011, 18856	Bagby, J.....18803, 24203	Baker, L. C.....19783
Asplund, R. F.....14334	Avdonin, N.....29488	Bagge, F.....18397	Baker, W. L.....14792
Asprea, V.....9971	Aveline, L.....11975	Baggette, T. L.....5511, 28259	Bakhsah, M. S. K.....13723
Assa, N. P.....6699	Avendaño F., A.....16000	Baglioni, S.....19751	Bakke, A. L.....999
Assis, J. de.....28454	Averell, J. L.....22054	Bagnall, D. J. T.....13881	Bakken, T. H.....14442
Assmann.....11513	Averill, A. W.....246	Bagnall, Mrs. N.....4112, 8569, 12279	Bakker, T.....17304
Associated Co-op.....14719	Averill, C. C.....11535	Bagnall, Mrs. R.....12286	Bakshi, B. K.....26328
Association of Amer. Feed Control Off.....11677	Averitt, B.....16936	Bagrad, N.....27775	Bakun, W.....4157
Astbury, W. T.....24066-7	Averoldi, O. L.....7689	Bahia, Instituto Central de Fomento Económico.....1272	Bal, S. N.....1695
Asthana, R. P.....6142	Avery, G. S., Jr.....998, 15620, 21354, 21614	Bai, G. S.....16291	Balaban, I. E.....12392
Astorga Barriga, E.....9511, 15762, 21065	Avery, M. H.....384	Baier, W. E.....4299, 13574, 18824, 28754	Balachowsky, A.....8045-6, 12752, 23351, 28128-9
Astort, A. J.....13668	Avigdor, S.....1816, 4804	Baikov, A. A.....5865	Balacrisnan Nayar, M.....18212
Astruc, H.....13281	Avila, C. N.....11227	Bailes, E. L.....12391	Balansard, J.....26463-5
Atcheson, D. W.....17753	Avila Camacho, M.....29175	Bailey, A. E.....13872, 15162, 19020	Balasubramaniam, C.....16937, 19762
Athanassof, N.....22178, 22362, 27805	Avilés, C.....29128	Bailey, C. F.....16865, 18894	Balavoine, P.....13359
Atherton, C. C.....3787, 28342	Avilov, T.....3788	Bailey, C. H.....8775, 15183	Balay, E.....5114
Atkeson, F. W.....11825	Avnimelech, M.....26938	Bailey, C. W.....14033, 29084	Balazuc, J.....12609
Atkins, C. D.....5227, 5252, 5264	Axelrod, H. E.....27486	Bailey, D. W.....11013	Balazug, L.....12608
Atkins, C. H.....13123	Axelsson, J.....2248, 2417, 7112, 22179	Bailey, F.....5043, 14377	Balbo, F. C.....4089
Atkins, F.....15140	Ayachit, G. R.....20654	Bailey, I. W.....10477	Balch, R. T.....19132
Atkins, H.....28363	Ayalá, R. F.....19299	Bailey, J.....2517, 7245, 22305	Balch, R. Y.....29009
Atkins, I. M.....6318, 15413	Ayala Martín, E.....2608, 17509	Bailey, J. C.....15305	Bald, J. G.....922, 15542-3
Atkinson, I. S.....20270-1, 23895	Ayars, J. S.....3114, 8088	Bailey, J. H.....6293-4, 17912, 22390	Baldacci, E.....10331, 26271
Atkinson, L. J.....4140, 9541	Ayers, A. D.....20264	Bailey, J. S.....806, 5501, 20871, 21615, 23453, 28723	Baldauf, E.....22572
Atkinson, L. N.....2266	Aylesworth, P. F.....19300	Bailey, L. H.....10025, 10176	Baldit, J.....27935
Attaya, M. B.....9470	Ayres, R. W.....23640	Bailey, M. V.....1173-4	Baldock, R. H.....8169
Atwater, H.....1375	Ayyangar, G. N. R.....15750, 20674	Bailey, R.....17684	Baldoni, R.....16406
Atwood, S.....976	Ayyangar, S. S.....22554	Bailey, R. Y.....21127	Baldrati, A.....19156
Aubert, C. G.....27167, 27176	Ayyar, C. S. R. See Ram Ayyar, C. S.	Bailey, W. R.....19946	Baldrati, I.....5838, 14687, 16258, 19709, 20676, 20754, 21644-5, 23098, 26405
Aubert, G.....10044, 11194, 21699	Ayyar, M. A. S.....15750, 20908	Bailaud, E.....13669	Baldridge, H.....7685, 22850
Aubert, P.....15953, 21247-9, 21292, 21314, 21346, 26064	Ayyar, S. N. C.....20675	Bailly, J.....16837	Balduf, W. V.....23352, 28155
Aubréville, A.....10175	Ayyar, T. V. R.....17662, 17683	Bailov, D.....15879	Baldwin, E. M., Jr.....16976
Aubrey, J. J.....8590	Azevedo, A. L.....1741	Bain, D. C.....6019, 6118, 20872, 26327	Baldwin, H. P.....7075
Auchter, E. C.....5350	Azevedo, N. de S.....15414	Bain, F. M.....1312, 21258, 26665	Baldwin, J. D.....19075
Auchterlonie, L.....7367	Azizian, A. A. 18011, 28101	Bain, H. M.....9589, 13976, 24975	Baldwin, J. T., Jr.....10439
Auckland Metrop. Milk Council.....4064	Azmy, S.....23802	Bainbridge Fletcher, T.....3444, 3498	Baldwin, L.....17755
Audibert, Y.....12746	Azy, B. d'.....11455	Baines, R. C.....26462	Balestra, J., Jr.....23571
Augier, J.....6292, 10609	Azzi, G.....613, 15909, 21257	Bainster, P. N.....18984	Balevski, A. D.....12393
Auguston, G. F.....23097	Babb, Mrs. E. G.....6466	Bainum, Mrs. E.....21356	Balfour, Mrs. I.....14378
Augustus, E. K.....9057	Babbitt, J. D.....24272	Baird, J. H.....14504	Balfour, M. I.....29359
Aul, H. B.....1401, 21353	Babchev, N.....28927	Baird, K. A.....19732	Balfour-Brown, J.....17913
Aull, G. H.....5552, 9734	Babcock, H. E.....13208, 19731	Baird, T. J.....1406, 21357, 26740	Balfour-Browne, F.....3093
Ault, C. N.....11852	Babcock, L. C.....7129, 7173	Baird, W. W.....19859	Balfour-Browne, M. A.....17914
Ausman, L. H.....4338	Babko, E.....10517	Baissac, L.....8965	Balkridge, H.....13724
Austin, J.....1402	Bacal, B.....19155, 27108	Bajos Mateos, F.....18496	Ball, C. R.....20628
Austin, L.....17971	Bach, F.....29129	Bakalar, R.....13218	Ball, Mrs. F. L.....6467
Austin, M. H.....18472, 27836	Bacharach, A. L.....5228, 9979	Baker, B. A.....18619	Ball, H. J.....4193, 8634
Austin, V. H.....2286	Bachar, J. G.....1405, 16004-5	Baker, C. E.....6787, 6838	Ball, H. K.....1189, 21889
Australia. Commonwealth Forestry Bur.....2231, 21037	Bachmann, W.....22788	Baker, C. E., Jr.....24275	Ball, J. C.....19996, 20808
Australia. Council for Sci. and Indus. Res.....3374, 24101	Bachstet, M.....8044	Baker, C. G.....1335	Ball, M.....15544
Div. of Forest Prod.....20570	Back, E. A.....64	Baker, D. H.....7068	Ball, P.....27644
Australia. Dept. of Com. and Agr. Prices Branch.....18644, 18821-2, 18961	Backe, R. C.....3491	Baker, E. T.....2287, 3022, 22825, 28062	Ball, R. E.....1587-8
	Bacon, L.....14011	Baker, E. W.....22992	Ball, R. F.....2831, 12095
	Bacon, L. F.....27402	Baker, F.....16243	Ball, W. S.....16244, 21616
	Baddeley, J. M.....24843	Baker, F. S.....10518	Ballani, B.....17305
	Bader, A. K.....13111, 28403	Baker, F. T.....17994	Ballard, W. R.....16006
	Badger, C. J.....25704	Baker, G. A.....16881	Ballard, W. W.....25683
	Badia, V.....14094, 21843, 24273-4, 24681, 24770, 25023	Baker, G. E.....26404	Ballesteros Zendejas, J. L.....13472
	Badillo Franceri, V. M.....20589	Baker, G. L.....24204	Ballico, P.....20888
	Badonnel, A. 5817, 12892	Baker, G. O.....363, 15335	Ballinger, R. A.....8966, 24654, 29104
	Baehni, C.....16257	Baker, H. G.....6247	Ballinger, R. J.....11014
		Baker, H. R.....2807	Ballivián Calderon, R.....18484
		Baker, J.....23837, 24316	Ballou, C. H.....26052



Item	Item	Item	Item
Balmer, N. A.....2674	Barick, F. B.....27252	Barrows, E. S.....25955	Bateman, B. A.....26550
Balock, J. W.....28063	Baril, V. S.....11554	Barrows, W. M.....23099	Bateman, G. Q.....9222
Baltasar de Matallana,	Barker, A. F...18665,28667	Barrus, M. F.....415,5637,	Bateman, I.....5242
Padre.....25976	Barker, C. A. V.....27403	29464	Bateman, M. E.....9857
Baltazard, M.18013,23541-2	Barker, E. M.....4071,15183	Barry, J.....3930	Bateman, S. D...3830,13112
Balthis, F. K...6468,10872	Barker, H. D.....10082	Barry, S. C....4561,13883,	Baten, W. D.....8731
Baltimore Chamber of Com..	Barker, H. T.....7072	19711	Bates, C. G.....25444
28814	Barker, M.....11853	Baras, H. P.....79	Bates, E. M...11646,12913,
Baltodano Medal, E...18497	Barker, R. R.....7590	Bartels, K. O.....9996	21824
Baltzer, A. C.....5613	Barker, S. O.....22574	Bartels, L. C.10741,15813,	Bates, E. S.....8606
Balzarotti, E.13619,18797,	Barkham, C. C.....3772	21844	Bates, M.....14615
24144	Barkley, F. A.....5984	Barth, W.....27975-6	Bates, M. R.....10873
Bamber, W. B.....22573	Barkworth, H...8512,13360,	Barthe, E.....8455	Bates, R. S.....10061
Banco Agrícola de Bolivia.	23981	Barthel, W. F.....3147	Bateson, N.....481
19216	Barley, H. D..2832-4,6788,	Barthelet, J..20755,20810,	Bathe, D. R.....15814-15,
Banco Agrícola y Pecuario,	7445,7509,8302,12040,	26915	21617,29273
Caracas, Venezuela..19217	12126-7,17356-9,19259,	Barthelmess, A.....10610	Bathellier, J.....12893
Banco do Brasil, S. A.....	22689-90,24655,27535-6,	Bartholmew, E. T....10519,	Bâthie, H. P. de la...5915
19218	27645-6	13838	Bathurst, A. C.....20963
Banco Nacional de Costa	Barlow, B.....17511	Bartholomew, O. F...25483,	Batie, J. R.....1895
Rica.....23846	Barlow, F. D., Jr...24821	25766	Batjer, M. Q.....601
Bancroft, G.....9088	Barlow, H. B.....8556	Bartholomew, R. P...14962,	Batra, K. C....13575,13620
Bandeen, D. A.....18426	Barlow, R.....6695,16654	16402	Batson, D. M.....9405
Bandini, M.....19710,20611	Barlow, R. O...16259,20591	Bartilson, T. H.....17598	Batson, E.....19247
Bandini, P.....21259	Barlowe, R.....2066	Bartlett, J. W....568,9703	Batt, G. H.....12394
Bane, L.....20607	Barmore, M. A.....8785-6	Bartlett, P. D.....22951	Battaglia, E.....26406
Banerjee, S.....26328	Barnard, R. S.....13151	Bartlett, R. W.18604,24617	Battaglini, G.....10678
Bánffy, D. von.....14095	Barnes, E. E.....10780	Bartlett, S....2363,16882,	Batten, W. T.....15025
Banfield, F. S.....10403	Barnes, G. W....5696,16977	22307	Battha, P. von.....13725
Bangay, R. D.....3190	Barnes, H. T.....3191	Bartling, C. A.....12041,	Battiatto, C.....26407-8
Bangert, E. E.....4640	Barnes, J. C.....15183	17215,22691,24455	Battisti, L.....653
Bangham, W. N.....10043	Barnes, J. S.....15298	Bartolomei, A.....14063	Battles, O. V....16883-4,
Bank for Internatl.	Barnes, O.....14919	Bartolozzi, E.....18321,	22308,27336
Settlements.....24571	Barnes, O. K.....1883	18427,18862,19302	Bauders, E. M.....6469
Bankier, J. C.....17164	Barnes, R. H.....14562	Barton, G. S. H....4805-6,	Baudhuin, F.....482
Banks, A.....9015	Barnes, R. W.....3308	19303,19394	Bauer, A. H.....17685
Banks, A. E.....2972,2976,	Barnes, S.....28064	Barton, L. V.....20962	Bauer, E.....18080
7601,17510,22788	Barnes, T. W.....6257	Barton, T.....9404,12096	Bauer, F. C....25692-709,
Banks, E...2675,7508,12125	Barnes, V. S.....136	Barton, W. M.....22439	25716,27081
Banks, M. A.....29395	Barnes, W. C.....299	Barton Mann, T. See	Bauer, G. F.....8456
Banks, M. B.....5023	Barnett, C. B.....22015	Mann, T. B.	Bauer, J. M.....24771
Bannan, M. W.....20961	Barnett, C. R.....18941	Barton-Wright, E. C.14563,	Bauer, L.....19502
Banta, E.....22916	Barnett, E. C.....26185	25085	Bauer, R.....16008
Banta, E. S.....1000	Barnett, L. G.....28595	Bartram, E. B.....20728-9	Bauer, W.....14047
Bantam Mag.....15211	Barnette, L. T.....9016	Bartram, M. T.....13884	Bauernfeind, J. C....9406,
Banti, G.....11473	Barnhart, J. H.....14644	Bartrum, D.....1408	13621,14605
Baraev, A.....6850	Barnhart Women's Inst....	Bartsch, A. F.....26272	Baum, H.....15216
Baraeva, L.....9281	13063	Bartsch, J.....20889	Bauman, C. G.....25943
Baragar, A.....20417	Barnicoat, C. R.....23982	Bartz, F.....9107	Beumann, E.....6470
Baraño, J. A.....1311	Baroffio, A. A.....11694	Basaldela, E. P.....13394	Baumer, W.....14197,18857
Baraño, T. V.....1882	Barojas Armino, S....22035	Basch, A.....5720	Raumgarten, W.....18858
Baranovsky, A.....14513	Baron, S.....5753	Bascialli, P. C.....26577	Baumgartner, F. M....5544
Baratte.....28296	Baron Hay, G. K.1147,1207,	Basheer, M.....18112	Baur, K.....461
Baratte, J.....8184,17915,	4141,4559	Bashford, T. E.....13246,	Bavendamm, W...10332,11564
19789,23594	Barquero Mora, H....11170	23861	Baver, L. D....1817,21066
Barbe Gose, E...8605,13473	Barr, D.....3880	Bashkirov, S.....8224	Bavler, B.....6958,7016
Barbagelata, R. E....24069	Barr, R. J.....14477	Bashore, H. W.....16422	Bavone, A. L.....13361
Barbensi, G...18504,26883	Barratt, R. W.15415,15431,	Basilewsky, P.....12610	Bawa, H. S.....12256
Barber, D. J.....8967	20308	Basinger, A. J.....18070	Bawden, F. C.....915,6153
Barber, G. T.....18192	Barraud, E. M.....19570	Baskervill, W. H....18256	Baxter, J. G.....19779
Barber, M. A.....18012	Barraud, M.....20809	Baskette, J. E., Jr..20149	Baxter, S. N.....16009
Barber, R. W.....27225	Barre, H. W.....9951	Bass, E. A.....1951	Baxter, Sir T.13209,13332,
Barber, W. E.....18320	Barredo y Fernández, G....	Bass, E. O.....2946	13395
Barber-Lomax, J. A...28666	23847	Bass, H. T.....303	Bayard, A.....8090,12695
Barbera, G.....8895	Barrera Riber, R....1407,	Bassi, E.....10742-5	Bayfield, E. G.....8821
Barberie, M. A.....1086	16007,21358	Basterrechea.....27294	Bayford, E. G.....3385
Barbey, A.....20560	Barrera Vilar, J.....3709	Basterrechea, L. de..2518,	Bayley, C. H.....18666
Barbier, G...11136-8,11229,	Barrett, D. P.....3192	11695,22555	Baylor, H.....6935
11439,21698-9,21978,27109	Barrett, F. N.....27603	Bastias N., O.....22217	Baylor, H. B.....11416
Barbini, M. E...1301,15900	Barrett, J. N..24822,28651	Bastisse, E.....26958	Bayma, A. da C.....16423
Barbosa, J.....22306	Barrett, L. A. G.4560,8185	Bastisse, E. M.....10047,	Bayne, A. F.....3553
Barchillon, J.....18102	Barrett, M. F....672,10177	13309,16318	Bayon, H. P.....2835,7446,
Barchilón, J.....3552	Barrios, D. M.....29400	Bastitta Giménez, F..14096	12097
Barclay, H.....9106	Barritt, J. K.....12912	Bastos, A. de M.....19260	Bays, E. R.....15816
Barclay, J. R.....11771	Barron, L.....28260	Bastos, H.....19304	Bazán, A.....18398
Barco, G. F...13882,24454	Barron, R. L....5115,24976	Basu, A. C.....8089	Bazán, L.....1409,16010
Barcroft, J.....29360	Barrons, K. C....1589,6223	Basu, J. K.....21753	Bazavluk, V.....15621
Bárczay, J. von.....19301	Barros, G. J. R. de.....	Basu, N. K.....1087	Bazet, E. M.....28815
Bardelli, P.....16776	26254-5	Basu, U. P.....13839	Bazhenova, M.....26615
Bare, O. S.411,5626,23518	Barros, H. de..14350,24589	Batchelder, C. H.....65	Bazin, S.....15622
Barger, E. L. 8223,23603,	Barroso, G.....28634,29401	Bate-Smith, E. C....13817,	Beach, A. E.....28679
28290	Barroso, L. J.....20677	19076	Beach, E. F.....22642



- | Item  | Item   | Item  | Item   |
|---|--|---|--|
| Beach, F. A.....8021  | Beckman.....13079  | Bell, F. W.....2520   | Benjamin, K. T.....22440   |
| Beach, F. H..5645,15954-5,<br>16245   | Beckman, C. H.....7334   | Bell, G. D. H.....1130  | Benloch, M.....3386,20811  |
| Beach, J. R.....2757,12098  | Beckman, H. J.11772,13546,<br>14099  | Bell, H.....14564   | Benn, H. W.....13547   |
| Beach, R. O.....4158  | Becquet, A.....14100   | Bell, J.....14293   | Benne, E. J.....27092  |
| Readle, G. W.....989,10625  | Bédard, A.....27122  | Bell, J. C.....24456  | Benner, S. R.....18032   |
| Beakbane, A. B..1336,20909  | Bedell, G. D.....9672  | Bell, J. E.....4386   | Benners, Mrs. W. H..16011  |
| Beal, J. M.....10520  | Bedenbaugh, P. G....17616  | Bell, J. F.....3358   | Bennett, C. A..8607,19884,<br>23643                                    |
| Beal, S. W.....4072   | Bedetti, G.....11311   | Bell, L. F.....25465  | Bennett, E.....10612   |
| Beale, C.....29176  | Bee, V. G.....17648,25893  | Bell, L. J.....3646   | Bennett, F. W....4005,8513   |
| Beale, J. H....6471,10874,<br>21359   | Beebe, W.....5866,29489  | Bell, L. P.....9282   | Bennett, H. G..18669,24071   |
| Beale, O. W.....15012   | Beecher, F. S.....6224   | Bell, R.....18668,28668   | Bennett, H. H..1953,6887,<br>11358,14901,15311,21739,<br>25629,27047-8 |
| Beall, F. C.....237   | Beeler, M. N....3800,8284,<br>13055,23756,24916,29177  | Bell, R. C.....8187,23642                                       | Bennett, H. W.....1819,<br>6353-4,21130,26948                          |
| Beall, H. W.....22088   | Beeman, F. E.....28816   | Bell, R. E.....4895   | Bennett, J.....18331   |
| Beall, T....443,5646,20441  | Beeman, L. A.....27205   | Bell, R. S.....296,298  | Bennett, J. W.....29266  |
| Beals, O. K.....8557  | Beer, K. E.....9858  | Bell, R. W....18620,28303                                       | Bennett, K. R.....5538   |
| Beals Lara, A.....1337  | Beerend, R. F.....15163  | Bell, T. D.....5536   | Bennett, R. W.....1410   |
| Beament, J. W. L....27848   | Beeson, F. W....2836,12129,<br>27573   | Bell, V.....29396   | Bennett, T. R.....4340   |
| Beamer, R. H.....12753  | Beeson, K. C...11183,29433   | Bell, W. E.....23572  | Bennion, W. L...5658,27337   |
| Beamish, H. V..2609,12395,<br>22281,22504   | Beeson, W. M....5493,11647,<br>17617,22820,25687   | Bell, W. H.....11976  | Benoist, R....5902,10145,<br>10178-9,12785,26160,28156                 |
| Bean, R. C.....731  | Beetle, A. A....732-3,5916   | Belle, G.....16745  | Bensley, B. A.....15213  |
| Bear, C. U.....8091   | Begin, P. E.....29275  | Bellefeuille, R. de..14057                                      | Benson, C. F.....7059  |
| Bear, E. M.....4308,21293   | Beglinger, E.....16689   | Bellefroid, V. de...21981                                       | Benson, D. V.....2635  |
| Bear, F. E...6769-70,9700,<br>11182,11230,16532,21927   | Bégon, H.....27888   | Bellet, E.....13929   | Benson, J. L.....8359  |
| Bear, L. K.....20438  | Bégué, H.....12396,12444,<br>15232,17686,17957,23197,<br>23200   | Belliveau, J. E.....14277                                       | Benson, M. C.....29395   |
| Bearce, H. W.....28261  | Behmer, M. L. A.....4113   | Bellón Gomez, I.....9108  | Benson, R. B.....3527-8,<br>23416-17                                   |
| Beard, D.....11743,22885  | Behn, K.....15351  | Bellue, M. K..11055,26856                                       | Benson, S.....22083  |
| Beard, D. F.....21067   | Behre, C. E.....16626  | Bellwood, L.....24070   | Benson, T. A.....8921  |
| Beard, F. H.....21646   | Behrens, G....18985,19305,<br>19415  | Belote, H. T.....12230  | Bentley, B. H..2117,27180  |
| Beard, J. S.....1106  | Behrens, M. E.....27726  | Belotti, E.....17649,23951,<br>23997                            | Bentley, J.....29277   |
| Beard, J. S. P.....10404  | Beilby, H. N.....5803  | Belousov, D.....28262   | Bentley, J. R.....10746  |
| Beard, J. W....11743,22885  | Beilmann, A. P...6020,6154   | Belozerova, N.....15651   | Bentley, M.....18429   |
| Beare, J. A..10355,15491,<br>26602  | Reinert.....18798  | Belschner, H. G....28065  | Bentley, N. J.....10440  |
| Bearer, V. M.....10649  | Reinert, K...1818,21979-80   | Belshaw, H.....4703   | Bentley, R. E.....29085  |
| Bearse, G. E....316,12128   | Reins, C.....8395  | Belsky, A. S.....9173   | Benton, C.....12770  |
| Beary, E.....7358   | Reins, C. A.13219,18451-2,<br>23862  | Belton, R. L.....25668  | Benton, R. J....6888,11295   |
| Beasley, L. L.....14213   | Beirne, B. P....3526,3554,<br>8092,12807   | Beltrán, E.....10062  | Bequaert, J.....3445   |
| Beattie, T. E.....14097   | Beisso, A. J.....4477  | Beltrán, P. P.5116,14443-4                                      | Berard, H. L.....19087   |
| Beattie, W. R.....171   | Beistline, N. R.....10881  | Beltrán, G. G..18755,28724                                      | Berard, W. N.....4175  |
| Beatty, R. T.....24276  | Bejambes, M.....18509  | Belval, H..1089,6298,6611,<br>10521,10611,10618,15694,<br>21020 | Béraud, P.....13581  |
| Beatty, W. A.....10875  | Beketovskii, D. N....20938   | Ben-Adams, Z.....12076  | Beresford, H....362,5574-5,<br>15055,20274                             |
| Beaty, J. A....3881,18428   | Bekkedahl, N...13920,24484   | Ben-Ezer, B.....29130   | Beresford, J.....17051   |
| Beau, M.....3991,4531   | Beklemishev, V. N....27867   | Ben-Gurion, D.....24844   | Beresford, R..22363,27383  |
| Beauchamp, C. E.....16336   | Belcaguy, P. J. M....11218   | Ben-Meir, Y.....15502   | Berg, L. R.....316,27607   |
| Beaumont, A.....15545   | Belgian Congo. Ministère<br>des Colonies. Direction<br>Générale de l'Agriculture,<br>de l'Élevage et de la<br>Colonisation.....18667 | Ben-Yishai, D.....27936   | Berg, L. S.....1777  |
| Beaumont, A. E....1800-1,<br>1952,11356-7,21128-9,<br>21734,21754,21845,21890                             | Belgium. Commission pour<br>l'Étude des Problèmes<br>d'Après-Guerre.....9923   | Benander, P.....23454-5   | Berg, R. L.....23224   |
| Beavens, E. A.....24205   | Belgium. Ministère de<br>l'Agriculture et du<br>Ravitaillement.....9859  | Benard, E.....18498   | Bergal, M.....10333  |
| Becerra Agudelo, M. de J..<br>23353   | Belgium. Ministère des<br>Affaires Économiques.9859  | Benassi, L.....16627  | Bergal, P.....21068  |
| Bechtel, H. E.....11825   | Belgium. Office Central<br>de Statistique.....9859   | Benassi, P.....10522  | Bergalli, A. V.....19815   |
| Rechuanaland Protectorate<br>Govt. Vet. Dept.....15231  | Bel'govskii, M. L....23223   | Benatar, R.....14688  | Bergami, G.....11632   |
| Beck, C. G.....19571  | Belikov, P. S.....1088   | Benbrook, E. A.....15212  | Bergamin, J....3387,7918,<br>12612,17917-19                            |
| Beck, E. H.....13622  | Belikov, V.....14214   | Bendandi, N.....19416   | Bergel, F.....25086  |
| Beck, G. F..673,5880,20629  | Belime, M.....21260  | Bender, C. B.....2249   | Berger, F.....6395,15956   |
| Beck, P.....7917,12611  | Beling, R. W.....6938  | Bender, R. E.....24917  | Berger, G.....20865  |
| Beck, P. B.....8558   | Belkin, J. N.....23312   | Bendixen, H. A.9749,13426,<br>20357                             | Berger, J.....998  |
| Beck, R. S.....3992   | Bell, A....4894,8439,8732,<br>26107,27776  | Benedetti, A..15666,15910                                       | Berger, R. L.....19543   |
| Beck, V. S.....6780   | Bell, C. L.....303   | Benedetto, A.....14573  | Berger, W. C.....12195   |
| Beck, W. A.....10529  | Bell, E. A.....4748  | Benedict, F.....28257   | Bergeret, G.....21554  |
| Becker, C. A.....15116  | Bell, E. J.....12560,17854   | Benedict, F. L.....19120  | Bergeson, M.....1338   |
| Becker, G.....10859,11532   | Bell, F. G.....20,22   | Benedict, M. R.....29338  | Berget.....8896  |
| Becker, G. L.....9017   | Bell, F. R.....27404-5   | Benedict, P. F.....27727  | Bergh, W. F....11826,16939   |
| Becker, J. A.....13977  | Bell, F. W.....28615   | Benedict, R. C.....26247  | Bergillos del Río, A.24386   |
| Becker, R. B....2519,7300,<br>16938   | Bell, F. W.....28615   | Benedict, W. V.....19997  | Bergmann, S. T.....17759,<br>23009-10,27937                            |
| Beckerich, A....8186,8219,<br>8221,8346,9086,9266,<br>12914,14050,14056,<br>14064-5,14098,14379,<br>19249 | Bell, G. L.....303   | Benegas, R.....13282  | Bergson, A. F.....11589  |
| Beckers.....19572   | Bell, H. A.....4748  | Benesh, R.....13989   | Bergström, S.....15729   |
| Beckett, E.....15561  | Bell, J. N.....23312   | Benford, O.....19573  | Bergvall, L.....15262  |
| Beckley, A. C.....17512   | Bell, L. E.....17916   | Bengston, B.....7354,24772                                      | Bergville Dairy Farmers'<br>Assoc. (Union of South<br>Africa).....4947 |
| Beckley, V. A.....22901   | Bell, M. E.....17758   | Bengston, J. S.....5338   | Berinsaghi, B.....10613  |
|   | Bell, N. E.....17758   | Bengtason, S.....22851  | Berkman, J.....2837,7510   |
|   | Bell, P. G.....20,22   | Benham, G. H.....11696  | Berkner, F.....6225  |
|   | Bell, R. E.....17916   | Benick, L.....17916   | Berkowitz, S.....28169   |
|   | Bell, S. E.....17916   | Bening, W.....13840   |  |
|   | Bell, T. E.....17916   | Benítez Morera, A....3555,<br>17758                             |  |
|   | Bell, V. E.....17916   | Benítez Vélaz, J....29276                                       |  |
|   | Bell, W. E.....17916   | Benjamin, E. W.....9326   |  |



Item	Item	Item	Item
Berkshire.....21942	Bessonnet, E. C..3309,7766, 12463,17760,23069	Biesanz, J.....9924	Bitterra von Hideghet, V. N.....15817
Berland, L.....8071,8143, 12786,17851	Best, J. W.....4756	Biesanz, M.....9924	Bizzell, J. A.....9719
Berliner, J. F. T....27205	Best, M. G. S.....17195	Biester, A.....5229	Bjornson, J.....4341,14565
Berliner, V.....568	Bethke, R. M....17265,28652	Biffen, W.....4896,10296, 23573,26617,26949,29225	Black, B. C.....23683
Berliner, V. R. ....2615	Bétrémieux, R.....11194	Bigger, J. H.....5577	Black, C. A....16337,26467
Berlitz.....13056	Bette.....24019	Biggs, H. E. J.....3388	Black, D. E.....19542
Berman, J.....7359	Bettelheim, C.....9034	Bigwood, E. J.....5190	Black, D. L.....8608,19261
Bermann, S. T.....7836	Betten, H. L.....17096	Bilbao, P.....4759,4807	Black, E. B.....18430
Bermudez, A.....4425	Bettendorf, H. J.....7073, 16691,22142-3	Bilha, A.....27939	Black, J. D....1802,11457, 15308,19219,20485
Bermudez Garcia, L. A.... 10747,21131,26616	Better Homes and Gardens.. 5835,20512	Bill, F. W.....11359	Black, J. J.....3801,4897, 8265,9174,14215-16, 18213-14,28404
Bernadac, P.....23680	Betterer, E.....13283	Billard, J. J.....4387	Black, J. M.....14839
Bernal, R. M.....28869	Bettini, T. M.17053,17972, 19181,22180,22282,22391, 22441-2,26628	Biller, E. E.....20354	Black, L. M.....9706,9711, 15546
Bernal M., R.....9335	Bettolo, A.....14294	Billingham, S. C....21074	Black, L. O'C.....23324
Bernard, R.....7511,12103	Betts, H. S....14838,20079	Billings, W. A..2838,15070	Black, S. L....17054,22364
Bernardo, D.....14616	Beuchel, F. A.....28856	Billings, W. D....936,20421	Black, S. R....2127,15247
Berner.....7764	Beuk, J. F.....5257	Billingsley, G.....25024	Black, W.....964
Berner, A.....21360	Evans, A.....10043,11456	Bilmanis, A.....15117	Black, W. H....2418,20349
Berner, L.....9997	Bever, W. M.....15604	Bimpson, W. H.....4159	Black and Tan Coonhound Club of Amer.....27473
Bernert, E. H.....29496	Beveridge, W. H.....9860	Bing, F. C.....9407,24278	Blackburn, J. B.....2234
Bernès, J.....23519	Bevilotti, V.....1001	Bingham, G. H....1896,5531, 6851,27007	Blackerby, A. W.....120
Bernett, A. W.....12462	Bewley, W. F.....6612	Bingham, M. T....712,10146	Blackford, F. W..807,10335
Bernhard Nocht-Institut für Schiffs- und Tropenkrankheiten..12728, 12750	Beyers, M.....28635	Binkley, A. M.....10334	Blackman, C. L.....7197
Bernon, G.....20813,21315, 21317,26304	Beynon, V. H.....9861	Binson, L. S.....5225	Blackman, G. E..6227,21618
Bernstein, S. P.....13152	Bezeau, C. M.....2212	Biocca, E.....27296	Blackmon, A. A..5191,20377
Berrutti, P.....5159	Bezerra dos Santos, L..... 20890	Bionda, G.....9018	Blackmon, Mrs. A. A..19802
Berrutti Pellegrino, R.... 18942	Bhalerao, G. D.....11697	Biraben, M.....25193-4	Blackmon, G. H.....4532, 16326
Berrutti Pellegrino, R.... 24317	Bhargava, K. S.6226,20904, 26466	Biraghi, A.....6088	Blackwelder, R. E.....3391
Berry, A. C.....27803	Bhat, S. S.....9998,20965	Birch, L. C..3389-90,23141	Blackwell, H. L.1671,2724, 7514-15,8170,8303,9175, 12042,17218-19,22597, 27538
Berry, E.....431-3	Bhate, P. D.....10266	Birch, R. R.....11854	Blackwell, R. C.....6473
Berry, E. M.....5881	Bhatnagar, M. P....21157, 21791	Bird, B. W.....458	Blackwell, S. O.....12989
Berry, E. P.....2723	Bhatnagar, S. C.....21685	Bird, E. R.....4041	Blackwood, B. B....6613-14, 16176
Berry, G. H.....21724	Bhatnagar, S. S.....8952	Bird, E. W.....4114,5230, 28623	Blackwood, J. H.....25177
Berry, J. C.....2521	Bhatnagar, Sir S. S..24573	Bird, F. H.....7455	Blagonravov, P. P....27049
Berry, J. H.....136	Bhattacharya, B.....23682	Bird, H. R.....7458,22652	Blagoveshchenski, E. N.... 26887
Berryman, G. H.....29408	Bhattacharya, K. N....8428	Bird, J.....12943	Blaine, C. E.....8860
Bert, F.....2456	Bhide, B. V.....10631	Bird, J. F.....28170	Blaine, C. L.....8860
Bertelli, E.....12208	Bhide, K. G.....13844	Bird, J. N.....21132	Blair, E. C....15618,27106
Bertelli, J. C.....10295, 20756,26329	Bhima Rao, C. N.....24277	Bird, S.....2839	Blair, E. L.....15078
Bertelli, L. K.....10295	Bhowmik, T.....19157	Birdsall, B. J.....19860	Blair, M. M.....16260
Berthault, P....14101,24572	Bhupen.....12526	Birdsall, W. J.....8717	Blair, I. D.....1766
Berthelot, M....547-8,27295	Biaggini, E.....27453	Birdseye, C.....8364,23863	Blair, K. G.....23225
Berthelot, C....11569,28320	Bialyi, A. M.....11312	Birdseye, M.....14819	Blair, L.....23011
Berthiaume, J.....7196	Bianchedi.....13779,13804	Birge, R. F.....2589	Blair, R. E.....15169
Berthon, R.....22055	Bianchi, F. A.....17852, 18176-7	Birkett, C. B..4808,13247, 13272,14478,22100,24551	Blair, W. D.....6474
Berti, A. L.....5823,26053	Bianchi, J. A.....18825	Birkett, L. S..6807,8968-9	Blake, C. C.....24457
Bertola, M.....28024	Bianchi, M. A.....16593	Birkinshaw, J. H....26538, 26540	Blake, D. H.....28025
Bertoli, E.....10826	Bianchi, P. A. J....29036	Biruzov, I.....26824	Blake, F. G....12560,17854
Bertolucci, P.....16940	Bianchi, S. P.....24773	Birla, G. D.....25990	Blake, G. A.....9176,11440
Bertonio, M. S..20678,22917	Bianchini, B.....24318	Birong, E.....25968	Blake, M. A.....1041,6396, 6420-1,9697,9699, 15416-17,15627-9,15958, 21294
Bertotto, G. J.....28817	Biblioteca Benjamin Franklin, México, D. F.... 15306	Birrell, K. S.....26921	Blake, R.....7602-4,7610, 12209-11,17454-5,18671, 22780-1,24372,27728-30, 27749-50
Bertrand, D.....15623-4, 15695-8	Bice, C. W.....19165	Birtwistle, V.....2758, 7512-13,8922,12099,13885, 17217,17360-1,22692-3, 27574	Blake, S. F.....5917
Bertrand, G....8951,11139, 13670,27200	Bieder, A. P.....20608	Bisaro, M. J.....28817	Blake, S. T.....10180
Bertrand, H....7919,12613	Bieder, R. P.....20608	Biaby, G. R.....5994,9505, 15318,15626	Blake, T. A.....11773
Bertrand, I.....22654	Biederhoff, G. A....15006	Bishop, C. F.....5707,7920	Blakely, A. A.....2457
Bertrand, P....10083,10243, 20630	Biedermann, R.....8093	Bishop, C. P....11755,11770	Blakely, R. M.....28393
Bertschler, F. L.....6472	Biely, J.....2744,7461	Bishop, E. A.....18473	Blakemore, F....7467,27406
Bertullo, V. H.....24360	Bierbach, A.....22779	Bishop, E. L.....3485	Blakstad, J.....16925
Bertullo, W. A.....28490	Bierbrauer, M.....18967	Bishop, L. R.....8225	Blalock, B.....28570-1
Bersaghi, M. W.....18670, 19417,28669	Bierig, A.....18103	Bishop, S. C.....17853	Blanc, A.12944,13548,13623
Bersanza Pinto, R....17052	Bierly, I. R..3710,4757-8, 5638,9087,12988,15004, 23718	Bissell, T. L....25677-9, 25682	Blanc, G.....18013,23541-2
Besana, A.....1735	Bierwert, T. L..1411,20631	Bisson, J. E..4478-9,5117, 7301,8859,8878,13780, 13805,14479,18895,18943, 18962,24319,24351	Blanch, G. E.....8733
Besche, A.....17216		Biswas, H. G.....4677	Blanch, G. T.308,310,24754
Besemer, J. M.....13990		Biswas, K.....20632,22963	Blanchard, B. E.....5044
Beshklebnov, A.....16885		Biswell, H. H..6355,11827, 16941,20329,22802,22218, 26621	
Besley, A. K.....5398		Bitancourt, A. A..15396-7	
Bespalov, N. D.....26920		Bitter, E. R.....8396	
Bessemans, A.....17504			
Bessey, R. H.....7765			



Item	Item	Item	Item
Blanchard, E. E. 3446, 3529, 12787, 17687	Bobby, F. C. .... 4142, 12130	Bolling, D. .... 19763	Bordères, O. .... 10000
Blanchard, M. .... 28999	Bobko, E. .... 16338, 26468	Bologna, L. M. .... 14103-4, 16594	Borders, H. I. .... 230
Blanchard, R. A. .... 9573	Bobko, E. V. .... 11140	Bolsa de Comercio, Montevideo. Oficina de Informaciones Económicas. 3961	Borea, D. .... 5118
Blanchet, J. .... 16746, 18376	Bobrov, E. G. .... 26161		Boret, V. .... 14647-8
Blankmelster, J. .... 6959	Bobrovnik, P. .... 19262		Borg, J. .... 16749
Blanco y P. de Camino, R. .... 21133	Boceta Durán, V. .... 22283, 22443		Borges, M. de L. .... 26376
Blanding, H. W. .... 3614	Bocheński, F. .... 9862	Bolsa de Mercadorias de São Paulo. .... 18672	Borgeson, C. .... 8955
Blanford, C. J. .... 3993, 23952	Bock, E. G. .... 2677	Bol'shakov, B. A. .... 4161	Borghart, E. M. .... 23719
Blanford, H. R. .... 2069	Bock, T. M. .... 20706	Bolster, H. G. .... 5620	Borghese, R. .... 14295
Blank, L. A. .... 4493	Bocking, J. .... 5045	Bolton, E. .... 26186	Borghesi, A. .... 16978
Blank, R. J. .... 14102	Boczkowska, M. .... 28026	Bombay, Dept. of Agr. .... 24279	Borghetty, H. C. .... 24072, 28671
Blanyer, G. J. .... 2947, 2977	Boczkowska, Mme. .... 23143	Bonhard, M. L. .... 10043	Borgioli, E. .... 11648, 11836
Blaringham, L. .... 14645, 15570	Boddie, G. F. .... 11698	Bonadonna, T. .... 14217, 16728, 16886	Borgonovi, M. .... 6909
Blas Teixeira, G. .... 14689	Boddy, F. A. .... 4898, 15887	Bonalume, W. L. .... 12043, 12100, 17220	Borini, F. .... 549
Blasdale, W. C. .... 1090	Bode, I. T. .... 21846	Bonck, J. .... 937	Borja, B. .... 29127
Blaser, R. E. .... 25672	Bodenheimer, F. S. .... 28157	Bond, C. A. 5363-4, 9537-40, 14736-7, 14739, 19906	Börjesson, A. .... 18463
Blasingame, R. U. .... 8188	Bodensteiner, L. J. .... 24637	Bond, E. W. .... 7469	Borkenhagen, E. .... 4809, 23954
Blattner, R. J. .... 12595	Bodine, E. W. .... 6078, 15519	Bond, G. E. .... 24145, 24656, 29105	Borland, A. A. .... 2419, 7302, 27385
Blauer, E. R. .... 21201	Bodmer, H. .... 20966, 21361, 23595	Bond, M. C. .... 4256, 18421, 19491	Borman, E. K. .... 28444
Blaum, A. E. .... 18944	Boeger. .... 17618, 17650, 22444, 23953	Bond, R. M. .... 17761	Bornhauser, E. .... 17633
Blauser, I. P. .... 444, 5647, 20442	Boehm, B. .... 808	Bond, T. E. T. .... 10523, 26859	Borowik, H. .... 27849
Blauvelt, W. E. .... 7980	Böhme, O. .... 9999	Bond, W. E. .... 16602, 26123	Borowsky, J. .... 6764
Blaxland, J. D. .... 7468	Böhmig, F. .... 26384	Bondar, G. .... 931, 20883	Boricand. .... 9267
Blaxter, K. L. .... 7981, 16942, 28066	Böhringer, P. .... 18499	Bonde, R. .... 10336	Borrer, D. J. .... 23543
Bledsoe, R. C. .... 22141	Boemer, K. H. .... 19419	Bondurant, D. C. .... 27009	Borsini, O. E. .... 20596
Bledsoe, R. W. .... 1022, 26950	Boerger, A. .... 965, 10084, 10500	Bondurant, J. .... 20474	Borsook, H. .... 5192
Bleffen, T. F. .... 27123	Boerker, R. H. D. .... 5829	Bondurant, J. H. .... 20282	Borst, H. L. .... 20
Blegen, T. C. .... 19574	Boettel, J. .... 21190	Boner, P. .... 4704	Borthwick, H. A. .... 15675, 26526
Bleier, P. .... 13818	Böttger, T. .... 12280	Bonet, F. .... 28231	Bortoletti, P. .... 15214, 26033
Blew, J. O. .... 121	Boeuf. .... 8776	Bonfield, J. P. .... 28364-7	Borton, H. .... 9115
Blier. .... 27433	Boeuf, F. 13666, 21197, 21900	Bongartz. .... 22445	Boruff, C. S. .... 18858
Blier, B. M. .... 28291	Boeuf, M. F. .... 28818	Bonham, H. J. .... 26065	Borzini, G. .... 10298, 11015
Bligh, R. D. L. .... 1339	Bogard, R. .... 22861	Bonilla A., G. .... 6941, 16547	Bose, A. B. .... 11103
Blin, H. .... 11828, 12257, 12354-5, 17157, 17580, 22821	Boggess, T. S., Jr. .... 20329	Bonnafoos, M. .... 9109	Bose, R. D. .... 21802
Bliss, C. I. .... 27575	Boggia, A. .... 9925	Bonnefoy, F. .... 12561	Bose, R. W. .... 22392
Bliss, J. H. .... 27009	Bogge, H. H. .... 11774	Bonner, D. .... 10625	Bose, S. .... 17288-9
Bliven, B. .... 21891	Boguslawski, E. von. .... 6799	Bonner, J. C. .... 14646, 28343	Bose, S. R. .... 5995
Blizzard, W. L. .... 16943, 17055-7, 27337	Bohanan, L. B. .... 20292	Bonner, R. E. .... 24387	Boseck, J. .... 9656
Bloch, H. .... 22171	Bohn, G. W. .... 10501	Bonnerup, I. .... 10670, 17058	Boselli, G. .... 14296
Bloch, P. .... 3310	Bohn, J. D. .... 3802	Bonnet, E. .... 10063	Bosher, J. E. .... 10302
Bloch, J. L. .... 28725	Bohn, R. T. .... 18986	Bonnet, F. .... 4162	Bosio, M. G. .... 26469
Block, R. J. .... 19763	Bohorquez, R. .... 15819	Bonnet, H. .... 489	Bosman, F. H. .... 1191
Blodgett, E. C. 6021, 10297, 20275, 20812	Bohorquez Rubio, P. .... 13284, 19158	Bonnet, M. .... 17125	Bosman, G. J. .... 9177, 24774
Blok, G. .... 9070	Bohren, B. B. .... 8923	Bonnett, O. T. .... 14974	Bosman, L. V. .... 4163
Blom, D. .... 16012	Bohstedt, G. .... 2250-1, 3073, 6741, 7113, 7224, 7664, 15028, 16747-8, 16944, 17619, 22181-2, 22365, 27266, 27814, 27837	Bonney, V. B. .... 13248, 13576	Boso, C. M. .... 7516
Blomquist, A. .... 1190	Bojanov, P. .... 11122, 16284-5	Bonnier, G. .... 2522	Bosq, J. M. .... 12614
Blondeau, L. .... 9947	Bojko, F. .... 29178	Bonnyman, E. D. .... 4562	Bost, R. W. .... 24540
Blondin, A. .... 15901	Boikov, P. .... 16286	Bonsack, H. .... 10876	Boster, D. O. .... 809
Bloom, A. H. V. .... 24883	Boinot, F. .... 10798, 13624	Bonser, H. J. .... 20341-3	Bostick, B. O. .... 23144
Bloom, F. .... 27488	Bois, E. .... 15911, 21555, 28068	Bonsma, J. C. .... 27384	Bostock, F. .... 27827
Bloomer, W. L. .... 19831	Boischot. .... 21965, 27008	Bonsteel, J. A. .... 5475	Boswell, V. R. .... 5337, 6615
Bloomfield, G. F. .... 4620	Boischot, P. .... 11184, 11439, 13625, 16177, 16236, 18859, 21069, 21847, 26898	Bonvicini, M. .... 10337, 10502	Botelho, J. .... 24508-9
Bloor, W. R. .... 5231	Boixo, Baron de. .... 13285-6, 23456	Booher, L. E. .... 29402	Botha, J. P. .... 7114, 10748
Blose, D. T. .... 19575		Boonstra, C. A. .... 29465	Botha, M. L. .... 18673
Bloss, J. F. E. .... 28067, 28076		Boord, K. R. .... 9283, 19233	Botkin, C. W. .... 13474, 25753
Blouke, P. .... 3793		Booth, F. L. .... 2152-3, 7087, 16703, 27219	Botsford, H. E. .... 28368
Blount, J. P. .... 18431		Booth, H. A. .... 10650, 16013	Bott, R. .... 7982
Blount, W. P. .... 7368, 22556		Booth, V. H. .... 14566, 19764	Bottig, E. A. .... 7690, 28171
Bluck, W. L. .... 29305		Boothby, R. .... 483	Bottini, O. .... 8591
Bluecher, E. E. .... 29131		Bor, N. L. .... 15352	Bottom, F. .... 24361
Blum, J. .... 14335		Borasio, L. .... 24280	Bottomley, C. .... 12026
Blum, J. R. .... 27940		Borbolla y Alcalá, M. R. de la. .... 4533	Bottorff, C. A. .... 2759
Blumenkron, J. .... 19133		Borchardt, L. F. .... 8784	Botts, R. .... 36, 19669
Blumer, S. .... 6022-3		Borchers. .... 15735	Bottum, J. C. .... 8680, 14975
Blunden, E. .... 26107		Bord, G. .... 14278	Bouças, V. .... 19106
Blunn, C. T. .... 4160, 8632, 17536		Bordas. .... 26650	Boucher, C. S. .... 19576
Blyde, H. E. .... 8479		Bordas, J. .... 11196-8, 11231, 26899	Boucher, G. .... 2045
Blythe, R. H. .... 25439		Bordeleau, R. .... 1820, 21755, 24541	Boucher, H. .... 7653
Boal, R. S. .... 19233		Borden, A. D. .... 8189, 9658	Boucher, P. .... 13593, 19134, 24183
Boal, S. J. .... 614		Borden Co. .... 13287	Boucher, R. V. .... 27590
Boals, R. B. .... 2218, 11561			Boucher, T. B. .... 26670



Item	Item	Item	Item
Bouhniol, J. J.....23535	Boyd, W. M.....3559	Bransby, E. R....8480,19733	Bressler, R. G., Jr....224,
Boulding, K. E.....5721	Boyd, W. S.....18014	Branson, D. S.....12075	19479
Boulogne, E.....10781	Boyer, C. A.....3392,6160	Brant, A. W.....22634	Bressou, C.....5804,11635,
Boulton, E. H. B.....9990,	Boyer, J. L.....5830	Brantley, C. O.....3393-4	11988,12245
15248	Boyer, J. M.....16635	Branton, C.....11846	Bretey, J.....9408
Bouly de Lesdaine, M.....	Boyer, L. A....13295,20827	Branzani, E. C.....18501	Bretherton, R. F.....12810
10032,10280	Boyer, W. P.....23787	Branzanti, E. C....21647-8	Brétignière, L.....14067,14107-9,
Bouquet, A. G. B.....9824,	Boyle, A. M.....10384-5	Branzburg, A. F.....11699	14218,14297,14381,21071,
9827,16339,21848	Boyle, J.....1954	Brash, A. G.....11700	26619,26825
Bourbakis, C. J.....8970	Boyle, J. L.....4535	Brasher, E. P.352,355,1822	Brétignière, L.....10782,
Bourdelle.....8266	Boyle, L. W.....6104	Brasse-Brassard, L....550,	11296,11650,14066,
Boureaux, E.....10085	Boyle, R. A.....21756	14012,14380,16887,17059	15764-5,16750,21072,
Bourelly, P.....10278	Boyle, R. V.....1192	Bratley, C. O.....8403	21619,21982,29132
Bourg, C. J.....4641,25165	Boynton, D.1091,1340,1821,	Braun, A. J.....6025,15532	Breton, J. A.....24977
Bourgogne, J.....8094	6228,11232	Braun, B.....7838	Bretón y Newhall, O. S....
Bourlière, F.....648,12870	Boysen, L.....1412	Braun, E....3195,3311,7839,	12464-5
Bourmer, B.....18968	Boza Barducci, T....13477,	17762,17824,28852	Bretón y Newhall, S. B....
Bourne, A. I....380,20404,	21110,21556,26303	Braun, O. G.....13656	3196
27868	Bozzini, G.....10837	Braund, C. L.....28263	Bretscher, H.....8481
Bourne, A. W.....29361	Braamse, L.....25912	Brauns, F. E....11560,15699	Brett, C. H.....15006
Bourne, B. A.....4534	Braccasi Mario, A....27407	Braunschweig, T. D....2209	Bretz, T. P.....15419
Bourne, G. H.....25052	Braccl, F.....18987	Bravo, A. F.....24074	Bretz, T. W....6026-7,15469
Bourne, J. A.....24205	Braccini, P.....8514,20891	Bray, G. T....8457,28928-9	Breuning, S.....17920
Bourne, L. B.....17688	Bracet, H.....18485	Bray, M. W.....2193,11606,	Breviglieri, M.....15918
Bourque, J. S.....11536	Brackeen, L. O..5046,6356,	20080-1	Breviglieri, N.15888,20611
Bourquin, A.....5193	6852,7003,15820,21134,	Bray, R. D.....12231	Brewster, F. H.....21849
Bourquin, F.....3557-8,	26618	Bray, R. H....11234,25711,	Brewster, H. A.....4480
12808-9	Bracken, A.....26538	25718-19	Brewster, J. F.....29010
Bouscary, A.....875	Bracken, J.....9150	Brayer, H. O....7303,22446	Brewster, J. M.....19177
Boussenot, G.....9947	Braddock, T.....17070	Brayne, F. W.....19395	Brewster, M. D.....24387
Boutaric.....8897	Brade, A. C..734,20679-80,	Brazelton, J. S.....9230,	Breyer, A.3561-2,12811-13,
Boutaric, A..8777,13671-2	20721	13594,18215,22919	12853
Boutaric, M. A.....21686	Bradfield, R.....11649	Brazil. Departamento	Brian, M. V.....8144
Bouvet, R.....4164	Bradford, B.....23137	Nacional de Produção	Brian, P. W....10615,21017
Bovey, P.23418,23457,26071	Bradford, H.....9229	Vegetal. Divisão de	Briccoli-Bati, M.....6742
Bouvier, G.....18187	Bradford, L. A.....3115	Defesa Sanitária.....816	Brice, B. A.....6305
Bouvrain, G..6182,10441-2,	Bradley, J. C.....3094	Brazil. Departamento	Erichet, J.....4536,8387,
15630	Bradt, C. G.....417,15063,	Nacional do Café.15164-5,	21261,21850,23864
Bouyoucos, G. J.....8226	23720,27447-8	15197	Bridarolli, A.....3095
Bover, P. J.....7767	Bradwell, J.....11584	Secção de Estatística...	Bridarolli, A. J.....12697
Bowden, R. A.....1293	Brady, D. E.....423,9815	26006	Bridge, A. L.....16014
Bowden, W. M.....966	Brady, D. S.....4738	Brazil. Instituto Nacional	Bridgeman, M.....4899
Bowditch, J. B.....8705	Brady, F. J.....11956	do Mate.....15166	Bridges, A.....24657
Bowen, A. H.....3193	Brady, N. C.....6229,6233,	Brazil. Ministério da	Bridges, J.....24918
Bowen, C. V.....10614	6259,26477	Agricultura.....18166	Bridges, W. W.....27386
Bowen, E. R....5629,15118	Bräunche, W.....7837	Divisão de Defesa	Briebe Soffia, R.....18464
Bowen, J. R.....5005	Bräutigam, O.....484	Sanitária Vegetal.25220	Brien, R. M.....26371
Bowen, L. E.....27828	Braga, A.....16779	Serviço de Estatística	Brier, J. H....17763,17825
Bower, C. A.....1750,3705,	Bragadin, E. A.....15763	da Produção.....15167	Brierley, P....6155,20873,
16337	Braibant, M.....5722,14105	Brazil. Min. of Foreign	23354
Bower, C. W.....16777	Brain, S. G....6343,20297	Aff.....29054	Brierley, W. G.....1341-2,
Bowers, J. L.....6024	Brajkoff, I.....8458	Breakay, E. P.....26751	1352,10847
Bowes, A. de P.....5194	Bramley, P.....14106	Breakwell, E. J.....10503	Brierly, W. B.....14013
Bowie, D. A.....13421	Bramwell, J. F.....3194	Breault, H. J.....2288	Briest, H.....16979
Bowker, J.....27765	Branaman, G. A.....5613	Brecheen, K. G.....17971	Briggs, F. A....1803,9245,
Bowles, C.....13781,19243,	Branas, J.....13549,15418,	Bréchet, P.....13581	14336,24075
20515,28479	16340,20757-9,20813,	Brecht, E. A.....26869	Briggs, G. M., Jr.....2739
Bowles, O.....6923	21316-17,26304,26716	Bredo, H. J.....23520	Briggs, H. M...287-8,2995,
Bowling, G. A..2364-5,7198	Brand, C. J....5723,11233,	Breed, F.....3061	5811,7628,17544,20338
Bowman, F.....5521	16524	Breed, R. S.....4045	Briggs, P. S.....18969
Bowman, F. T.....4257	Brandão, J. S.....16261	Breen, J. F.....16729	Briggs, W. S.....12308
Bowman, M.....4309,19577	Brandes, E. W.....10799	Breen, J. P.....24757	Brigham, E. S.....3994
Bowman, M. W.....8171	Brandly, P. J.....20125	Bregante, L. J.16780,17549	Brigham, R.....5119
Bowne, G. R.....674	Brandner, J. D.....24387	Bregger, J. T.....25241	Brightman, M. H.....8423
Box, H. E.....8047	Brandt, J. F....1140,1150,	Breiffelh, L. A.....28447	Brighton, H. W.....9362
Box, S. W.....402,404-5	14966	Breithaupt, L. R....5667,	Brightwell, L. R....22219
Boyce, C. W.....16698	Brandon, J. H.....8522	5669,9819-20,15096,29000	Brightwell, S. T. P.18847,
Boyd, A. E. W.....15483	Brandonisio, V.18674,24388	Bremer, H.....1003	24266,28808
Boyd, D. A.....14505	Brandt, A. H.....16424	Bremer, H. E.....28629	Brill, L.....5195
Boyd, D. T....4165,8609-10,	Brandt, C. R.....26741	Bremner, J. M.....27338	Brill, O.....21362
13475-6,24073,25025	Brandt, J.....13333,19234	Brenckman, F....5160,9361	Brimblecombe, A. R....27194
Boyd, H. M.....22309	Brandt, K.....9863	Breneman, M. K.....15168	Brimley, C. S.....12374
Boyd, J.....6629	Brandt, P. M.....18537	Breneman, W. R.....22674	Brindley, T. A.....14788
Boyd, J. H.....21925,	Branion, H. D..16755,16784	Brenes, R. (hijo)....5024	Brindze, R....19734,25087
25808-10,25814,25816	Brann, J. L.....3560	Brennan, G. M.....4724	Brink, R. A.....15605
Boyd, J. P.....2128	Brann, J. W.....15109	Brennan, J. M...3359,17855	Brink, V. E.....12945
Boyd, M. F.....28103	Brannon, R.....16178	Brentzel, W. E.....20436	Brinkley, H. L.....5120
Boyd, O. C.....380,866,	Brannon, D. H..12397,27869	Breny, R.....28047	Brinser, A.....3662
15458	Brannon, L. W.....22918,	Breschkov, T.....15631	Briolini, M.....10701
Boyd, W. L.....2366,16778	23458-9	Bresse, G.5867,10001,10063	Brion, A.....17165-6
	Brannon, M. A.....6230		Brioux, C.....11199



- | Item                        | Item                       | Item                        | Item                       |
|-----------------------------|----------------------------|-----------------------------|----------------------------|
| Brison, F. R.....15021      | Broomhead, W. W.....2725   | Brown, R. G.....9679        | Bryce, D..7136,11855,22220 |
| Brister, C. J.....8718      | 2840-3,7518-21,12077,      | Brown, R. K.....7199        | Bryce, W. A.....28473      |
| Brister, W. C..13153,18399  | 12131,17266,17362-4,       | Brown, R. O.....18871       | Bryden, W. K.....4726      |
| Bristol, W. M...4948,5006,  | 22694-5,27647-8,28369      | Brown, R. W.....19250       | Brydon, P. H.....16017-18, |
| 14298,28426                 | Brophy, J.....1142         | Brown, S. M.....1007        | 17923                      |
| Bristowe, W. S.....17856    | Brossard, D.....29306      | Brown, T...3647,8172,18193  | Bryk, F.....18105,23461-4  |
| British Elect. and Allied   | Brossard, L. B. See        | Brown, W.....15420          | Bryner, W.....6422         |
| Indus. Res. Assoc...23766   | Brassae-Brossard, L.       | Brown, W. F.....5805        | Bryson, B. S.....4115      |
| British Honduras. Dent. of  | Brossia, M. H.....4426-7   | Brown, W. S.....10504       | Bryson-Smith, J. See       |
| Agr.....29434               | Brot, R.....15959,21757    | Browne, F. L.....122        | Smith, J. B.               |
| British West Indies Cent.   | Brotherton, M. K.....19735 | Browne, F. S.....8737       | Bryzgalov, S.....7616      |
| Sugar Cane Breeding Sta..   | Brown, A.....28930         | Browne, R.....9912          | Bua, G.....17974           |
| 15874                       | Brown, A. G....4725,15980, | Browne, R. V.....22111      | Bubner, L. J.....2845      |
| Britnell, G. E.....3915     | 19220                      | Browne, T. E.....4900       | Buccar, M. de.....11590    |
| Britten, H.....17912        | Brown, A. J.....3312       | Brownell, L. W.....12376    | Bucci, M.....10783,11081   |
| Brittin, L. H.....18432     | Brown, A. L.....26906      | Brownfield, A. D....18963   | Buccleuch, Duke of...9246, |
| Brittingham, W. H....20348  | Brown, A. M.....20776      | Browning, G. M..3705,15756  | 16782,24870                |
| Britton, J. W.11977,11989,  | Brown, A. P.....15233      | Brownlee, J. F.....25026    | Buchanan, A.....4812       |
| 22535,22826                 | Brown, B.....19578         | Brownlee, O. H.....8429     | Buchanan, A. H.....17060   |
| Britton, M. E.....20574     | Brown, B. A....1193,10749  | Brownsberger, A.....22183   | Buchanan, Mrs. G. T..21365 |
| Brisi, A.....9864,9929      | Brown, B. E.....6616       | Broyer, T. C.....9658       | Buchanan, M. A.....21791   |
| Broach, R. T....9761,9763,  | Brown, B. M.....23916      | Brozzetti, P....12315,17365 | Buchanan, M. L.....22871   |
| 9765-6                      | Brown, C.....5121          | Brubaker, D. D.4073,13396,  | Buchanan, M. T.....19503,  |
| Broadbank, W.....14034      | Brown, C. A. C.....23766,  | 18590,23721                 | 24823,29073                |
| Broadbent, D. A.....310     | 28405                      | Bruce, D.....6306           | Buchanan, R.....26482      |
| Broadbent, V. V....13080-1, | Brown, C. B.....1955,27009 | Bruce, E.....5122           | Buchanan, R. E.....2345    |
| 18332-3                     | Brown, C. M.....15234      | Bruce, G. N.....8898        | Buchanan, T. S.....6       |
| Broady, K. O.....5768       | Brown, C. S.....20681      | Bruce, H. D.....14839       | Buchet, S.....10181        |
| Broatch, J.....24076        | Brown, D.....23013         | Bruce, N.....17921          | Buchholtz, W. F...10300-1, |
| Brobeck, F.....9978         | Brown, D. H.....1002       | Bruce, R. H.....22393       | 20340,20760,25783          |
| Brock, B.....27751          | Brown, D. R.....2252       | Bruce, W. G.....23227       | Buchholz, E.....6972       |
| Brockett, G. S.....5095     | Brown, D. S.....4332       | Bruce, W. H.....7522        | Buchholz, J. T.....15571   |
| Brockman, C. F.....18104    | Brown, E.12615,24081,26387 | Bruce, W. N.....27870       | Buchnev, K. N.....11701    |
| Brodaty, E.....3117         | Brown, Sir E.....19077     | Bruchard, M. de.....489     | Buchy, A..8804,13699,15632 |
| Brodbeck, A.....7768        | Brown, E. A.....5633-4     | Bruch, W. D.....20082       | Buck, G. A.....17061       |
| Brodell, A. P....37,1141,   | Brown, E. F.....5231       | Bruckner, J. H..2678,2844,  | Buck, J. S.....6293        |
| 8190,8227,12946             | Brown, E. L.....26555      | 15002,25931,27615           | Buck, P. S.....19423       |
| Brodie, W.....13841         | Brown, E. M.....5520       | Brudin, I.....6696          | Buck, R. E.....13627       |
| Brody, I.....593            | Brown, E. O.....1194       | Brueckner, A. E.....26470   | Buckatzsch, E. J. M..24574 |
| Brody, S.....20540,25053    | Brown, E. S....3448,23544  | Brueckner, A. L.....11955   | Buckeridge, G. H.....485   |
| Broeg, C. B.....29009       | Brown, E. T.....8267       | Brühl,.....21218            | Buckhorn, W. J.....9574    |
| Broeg, W. E...13930,24281,  | Brown, F. C....6617,6663   | Brueening, C. F.....28445   | Buckley, K. H..21557,25918 |
| 24510                       | Brown, F. E.....1897-8     | Brünnich, F.....3197        | Buckman, S. J.....22111    |
| Broekman, L. F.....24282    | Brown, F. M.....3563       | Brüera, E. D.....28819      | Buckner, G. D..9675,22629  |
| Broen, M.....6028,24552     | Brown, F. R.....13479      | Bruford, J. W.....22394     | Bucy, W. E.....2368        |
| Brönnimann, R.....7246      | Brown, G. A.....8510       | Bruhn, H. D.....15112       | Budd, E.....8570           |
| Brogan, D. W.....5724       | Brown, G. F.....25241      | Brûlé, D.....2046           | Buddemeier, W. E....25820  |
| Brogden, J. T., Jr..24283   | Brown, G. G.....16341      | Brûlé, J. D.....22168       | Budden, B.....8141         |
| Brohard, E.....6889,21851   | Brown, G. S.....18377      | Brûlé, M.....22123,22131    | Budilov, M.....23757       |
| Broicher.....18896,19306-7  | Brown, H.....8611          | Brumby, M.....15060         | Buechel, F. A...4388,9035, |
| Broin, J. de.....13886      | Brown, H. D....1021,1590,  | Brummenbaum.....24684-5     | 29133                      |
| Bröme, R.....1225           | 11235                      | Brummenbaum, A.....4811     | Buechele, A. C.....8784    |
| Bromfield, L...4819,26995,  | Brown, H. G.....24646      | Brumpt, E.....23313-14      | Bühler, C.....10879        |
| 29251                       | Brown, H. H.....10244      | Brundage, R. C.....6971     | Buehler, L.....3711        |
| Bromley, S. W....675,3395,  | Brown, H. L...4705-6,28572 | Bruner, M. H.....11570      | Buehler, L., Jr.....3712   |
| 6029,6476,7691,10299,       | Brown, I.....22310         | Bruner, S. C....3396,6679,  | Bühler, M. F.....4621      |
| 12375,12452,17689,17973,    | Brown, J. B....3663,18216, | 12894,17690,18052,20814     | Buell, M. F.....26388      |
| 23145                       | 22447,24561                | Bruneteau, J.....23355      | Bülow, F.....502           |
| Brondo Whitt, G.....9178,   | Brown, J. G.....10384-5    | Brunk, M. E.....19263       | Bünger, W.....12373        |
| 14219,19308,19422           | Brown, J. J.....16015      | Brunn, L. K...22913,22915,  | Bünning, E.....26471       |
| Bronkhorst, J. J.2936,7517  | Brown, J. W.....26512      | 23460                       | Bueno, F.....12333         |
| Bronn, H. G.....9970        | Brown, J. R...735-6,10877, | Brunner, E. de S....20476   | Bueno, R. C.....27608      |
| Bronson, T. E..12758,27909  | 21363                      | Bruno, A.....12398,13626,   | See also Bueno, R. de C.   |
| Bronson, W. H.....3995      | Brown, L. A.....5489       | 13782,13842,21191           | Bueno, R. de C..2726,2973, |
| Brooker, M. A.....24884     | Brown, M.....14220,19480,  | 10086                       | 12110                      |
| Brookings Inst..9881,26020  | 19529,20516                | Brunson, M. H.....23414     | Buenos Aires. Dirección    |
| Brookins, W. W.....21620    | Brown, M. J....339-40,344, | Brus, G.....22135,27221-3   | de Ganadería.....27483     |
| Brooklyn Bot. Gard...25234  | 19736                      | Brush, W. D.....27156       | Buenos Aires. Dirección    |
| Brookman, B.....18032       | Brown, M. W.....25932      | Bruxner, M. F.....4494      | General de Higiene..13082  |
| Brooks, A. N.....230,356    | Brown, N.....14382         | Bryan, A. B....6357,26996   | Buenos Aires. Universidad. |
| Brooks, A. R.....28069      | Brown, N. C....22016,27146 | Bryan, A. E....24047,24077  | Facultad de Agronomía      |
| Brooks, C.....4537,17456    | Brown, O. A....6609,12990  | Bryan, C. S...7247-8,27781  | y Veterinaria.....20556    |
| Brooks, C. P.....15106      | Brown, O. B.....19474      | Bryan, K.....1778           | Buff, V.....2289           |
| Brooks, E. W.....18334      | Brown, P. D..10878,21364,  | Bryan, O. C.....21700       | Buffault, P....27147,27224 |
| Brooks, G.....27200         | 26742                      | Bryant, E. B....3360,17858  | Buffon, A.....2033,24776   |
| Brooks, J. B....3803,5593   | Brown, P. R.....16781      | Bryant, G. E.....17922      | Bugbee, P.....23574        |
| Brooks, J. H.....17221      | Brown, P. S.....16016      | Bryant, G. H.....23865      | Bugbee, R. E.....23419     |
| Brooks, M. G.....5558       | Brown, R.....1004,3804     | Bryant, L. R....331,4042,   | Buhk.....7840              |
| Brooks, R. S.....2154       | Brown, R. A.....22630      | 10338                       | Buhr, F.....23627,23684    |
| Brookshire, S. R....13478   | Brown, R. B.....17857      | Bryant, R. G.....2367       | Bule, T. S....1956,15821,  |
|                             | Brown, R. C.....67         | Bryant, R. L.....22696      | 16487-8,21892,27050        |



	Item		Item		Item		Item
Bulcock, F. W.	18538, 19309-10, 24686	Burlison, W. D.	25720	Bustos N., J.	21649	Cadney, R. G.	21369
Bulgakov, S. W.	951	Burlison, W. L.	186, 1211, 25731, 25733	Busurin, A. A.	27796	Cador, P.	8515
Bull, G. R.	5753	Burmeister, G.	8972	Busvine, J. R.	22920, 23564, 27871	Caffe, P.	8157
Bull, H.	1107, 10651	Burmeister, H.	7841	Buswell, J. H.	8304	Caffera, R.	13673, 26578
Bull, L. B.	22189	Burmester, B. R.	16854, 22656-7, 27609	Butcher, F. G.	12436	Caffrey, M.	26579
Bull, M. G.	2136	Burnett, L. C.	16343	Butler, C.	23016	Caffyn, J. E.	4116
Bull, S.	3931, 9669, 28491, 28857	Burnett, R. S.	7040, 24389	Butler, C. G.	23017, 27941	Cagle, A. J.	4258, 4563, 28859, 28962
Bullard, D. G.	8237	Burnett, S. S.	13124, 28406	Butler, E.	1175, 1195, 11236, 18217, 21760, 28321	Cagle, F. W., Jr.	3120
Bullard, J. E.	5161	Burns, A. C.	11682	Butler, G. D.	16327	Cahen, E.	5918
Bullis, D.	24206	Burns, E. M.	20485	Butler, H.	19312	Cahill, W. M.	14567
Bullis, H. A.	3858	Burns, F. W.	326, 2420	Butler, M.	4143	Cahn, R. S.	3117
Bullis, K. L.	22655	Burns, H. C.	25054	Butler, M. L.	5367	Caicedo, L. A.	15822
Bullock, B.	10087	Burns, J. C.	7304	Butler, R. I.	23644	Caillaud, R.	9409
Bullock, E. H.	5725	Burns, R. H.	11757, 29179	Butler, W. C.	9956	Cailloux, M.	1005
Bulman, J.	5753	Burns, W.	9199	Butler, W. J.	11758	Cain, R. F.	788
Bumbalek, J. L.	8191	Burns, W. F.	18592	Butt, C. S.	19107	Cain, S. A.	713
Bump, C. L.	28264	Burnside, C. E.	23014-15	Butt, F. H.	272	Cairaschi, A.	8045, 8048
Bunbury, E.	14035	Buron, P.	11020, 11187, 14622, 21726	Butt, L. W.	21366	Cairaschi, E. A.	12754, 26374, 28130
Bunce, A. C.	4813	Burr, G. O.	14562, 15680	Butterfield, H. M.	6550	Cairns, A.	5351
Bundel, A. A.	19041-2	Burr, H. S.	15633	Butterworth, J. E.	5768	Cairol Garrido, F.	9110
Bungenberg de Jong, H. L.	28427	Burr, M.	3627, 7692, 27990	Buttner, E. E.	12078-9, 17267-8, 17307, 18860, 27576	Cairy, C. F.	16854
Bunnett, L. E.	2131	Burrell, A. B.	867, 3664, 8192	Butts, J. S.	14523	Caja de Retiro y Asistencia Social de Obreros y Empleados de la Industria Azucarera.	5324
Bunning, W.	3794-5, 8288-90, 13064-7, 18322-3, 28344-7	Burrell, R. C.	1021, 13628	Butts, E. L.	4727, 24687	Cake, E. W.	25756
Bunt, J.	4428, 17496, 28858	Burrell, R. W.	12733, 27882, 28106, 28111, 28126	Buvat, R.	10443	Calac, E.	14111
Bunting, A. H.	11441	Burris, R. H.	16305	Buxton, A.	14521	Calandron, A.	28673
Buono, R. P. del.	22284	Burroughs, R. J.	4939, 19221, 19902	Buxton, P. A.	22920	Calatrava Alfaro, A.	967
Burbank, H. R.	3966	Burroughs Wellcome and Co.	15235	Buz, C. C.	18988	Caldas, E. de C.	24589
Burbano R., J.	19178	Burrow, H.	16980	Buzi, C. C.	15912, 24390	Calder, G. G.	21852
Burbury, N. M.	19311	Burrows, F. W.	1038	Buzi, V. C.	14110, 14299	Calderon Agez, J.	18970
Burch, C. S.	5393, 9562, 14777-8, 25339	Burrows, G. T.	16888	Buzzard, C. N.	7769, 17663	Calderon Buendia, C.	9231
Burch, Mrs. F.	1697	Burrows, W.	15309	Byall, S.	19942	Calderwood, A.	4166
Burch, G. I.	9865	Burrows, W. H.	3313, 23070	Byerly, T. C.	26035	Caldieri, S.	10727
Burch, J. W.	12356	Burström, H.	10566	Byers, G. B.	5594, 9795	Caldwell, A. C.	9802
Burdeniuk, A. F.	11990	Burtis, E. L.	19073	Byers, Mrs. H. L.	26743	Caldwell, E.	217, 20247-8
Burdett, J. H.	24490	Burtner, J. C.	7045	Byhre, A.	26744	Caldwell, H. B.	5123
Burdick, H. J.	14383	Burton, D.	4509, 29037	Bynum, E. K.	17924	Caldwell, J.	1592
Burdick, R. T.	5489	Burton, G. W.	6358	Byrd, H. C.	7137	Caldwell, J. S.	3499, 13629-30, 15636, 20973, 23357, 24208-9, 28780
Bure, J.	8779	Burton, H.	24575	Byrd, N. P.	15169	Caldwell, M. J.	2253, 7460
Bureau of Natl. Aff.	486	Burton, H. K.	9321	Byrne, J. W.	14880	Caldwell, N. E. H.	3118, 12562
Bureau of Raw Materials for Amer. Vegetable Oils and Fats Indus.	9931	Burton, L. V.	8366	Bythell, D. W. P.	16981, 27782	Caldwell, R. M.	916, 4429, 14690, 16180, 26620
Burger, I. J.	8745-6	Burton, M. G.	1042	C. S. I. R. Irrig. Res. Sta., Griffith, New South Wales.	5319	Caldwell, S. A. G.	8612, 18675, 23645, 28674
Burgess.	18596	Burton, S. S.	11522	Cabal Martínez, E.	1143, 13931	Caldwell, T. P.	4221
Burgess, F.	12400	Burton, W.	13887	Caballero, A.	26066	Cale, G. H.	3199
Burgess, R.	18591	Burton, W. G.	4342, 16179, 24207	Caballero, J. M.	25027	Calero, A. C.	7770
Burgess, R. W.	13036	Burtscher, W. J.	21318	Cabeen, V. A.	649	Caletti, A. M.	5124
Burgess, R. W.	18010	Burt, F.	7983	Cabell, A.	21368	Calfas, P.	6853
Burgevin	21758	Burum, D. H.	12886, 18539	Cabeza, F. W.	17196	Calhoun, P. W.	1022
Burgevin, H.	10014, 11123, 11185, 11417, 11442-3, 16541, 16551, 21759, 21767, 21985	Burvill, G. H.	21825	Cabezas B., H.	19178, 29081	Calicis, P.	3200
Burgin, M.	20510	Busch, D.	28672	Cabo de Vila Parodi, L.	3198, 12466, 17764, 17826-7	Calif. Agr. Col. Ext. Serv.	329-30, 9755-8, 15032-6, 20378
Burguete, E.	26034	Busenburg, E. B.	4622	Cabot, D.	16783	Calif. Agr. Expt. Sta.	219-21, 5488, 9658-61, 14965, 15780, 20259-65, 25483, 25664-8
Burk, M. C.	8365	Bush, C. D.	26707	Cabot, Mrs. S.	6478	Calif. Conserv. Council.	15298
Burkart, A.	27267	Bush, V.	10064	Cabral de Vasconcellos, P. W.	22017	Calif. Crop and Livestock Rptg. Serv.	15169, 24044
Burke, A. D.	4043	Bushey, D. J.	25935	Cabrer Mestre, P.	11200, 16317	Calif. Dept. of Agr.	15169, 25539, 25543
Burke, E.	6477	Bushland, R. C.	12908-9	Cabrera, A. L.	19815	Bur. of Livestock Identification.	28860
Burke, E. M.	2748	Bushnell, F. R.	23100	Caburi, A.	13480	Market News Serv.	9612, 25502-3, 25540, 25554, 25564, 25610, 28455
Burke, F.	23228, 23521	Bushnell, H. R.	27408	Caceres Brie, A.	18897, 23356	Calif. Dept. of Nat. Resources. Div. of Forestry.	20571
Burke, M. J.	16866	Bushnell, J.	277	Caceres y Martínez, A. R.	2458, 7250, 16983, 22395	Calif. Farm Prod. Council.	29435
Burke, N. W.	13249	Bushnell, L. D.	2760-1	Cadbury, W. W.	1414		
Burke, O. D.	6089	Bushnell, R. J.	10139	Caddow, H. A.	23917		
Burkhardt, G. E.	420	Bushnell, T. M.	14979	Cadena Garzón, F.	4814		
Burkhead, C. E.	24410	Buskirk, R. J.	24146	Cadena Santillán, J.	14384, 29134		
Burkholder, C. L.	6423, 18106	Busnel, R. G.	27850, 28158, 28172	Cadier, R.	10672		
Burkholder, H.	6424	Busquet, E. G.	2369	Cadilla de Martínez, M.	15913		
Burkholder, P. R.	1092-3, 15572, 19765	Buss, Mrs. N.	12281	Cadillat, R.	19707		
Burkholder, W. H.	26369	Buss, R.	22665				
Burkitt, W.	2523	Bussard, O.	10002				
Burlage, H. M.	26869	Busse, M.	502				
		Bussell, F. P.	15794				
		Busshof.	28248				
		Bustamante, G.	9179				
		Bustarret, J.	10388, 10784				
		Buster, M. W.	8924-5, 13888				



Item	Item	Item	Item
Calif. Fruit Growers Exch. 20517	Campbell, H. L..2679,5259, 7410,14609,17222,22598, 27540	Canadian Phytopath. Soc... 10302	Cargnel, A.....17550
Calif. Grape & Raisin Indus. Conf.....14876	Campbell, H. N.....2371	Canadian Textile Jour. Pub. Co., Ltd.....8614	Caridroit, F.22640,27541-2
Calif. State Chamber of Com. Res. Dept.....9866	Campbell, I. J.....28173	Canal, C. M.....3968	Carillo Escobedo, H..28994
Calif. Univ. Bur. of Pub. Admin.....4746	Campbell, J. A.....7447	Canalini, G.....6854	Carillo Gil, H.....28862
Calisti, E.....19579	Campbell, J. C.....11016	Cañas Trujillo, D. T.27297	Carimini, M.....22921
Call, H. M.....1823	Campbell, J. D.....9114	Canavesi, A.....2727,17269	Carl, F. L.....5615,5617
Call, L. E.....2346	Campbell, K. O.....13230	Cancellara, E.....16425	Carl, G. C.....14617
Callahan, E. M.431-3,12399	Campbell, R.....9457	Candio, M.....18856	Carl, L. M.....15119
Callahan, E. P.....15105	Campbell, R. E..3500,23358	Candioli, P....10303,18989	Carle, A. B.....7088,16704
Callahan, J.....16571	Campbell, R. L.....3062	Candioti, A. N.....17167	Carleton, E. A.....27082
Callahan, J. P.....27148	Campbell, R. M.....29414	Candura, G. S.8095-6,12814	Carleton, J.....26717
Callan, E. M.....23522	Campbell, R. S..2421,26621	Candussio, R.....21135	Carleton, M.....27110
Callaway, J. L.....5196	Campbell, W. A.....15471	Canessa, C. J.....3969	Carleton, R. M..1594,16292
Callison, C.....2102	Campbell, W. D.....288	Canessa, S.....16984	Carleton, W. M.....18251
Callison, C. H.....11314	Campbell, W. M.....1593	Canestrini, G.....9971	Carlheim-Gyllenskiöld, B.. 4902
Callison, E. C..9410,29402	Campbell, W. W.....16489	Cañete, L.....10679	Carlin, G. T.....4538
Calvert, P. P.....8145	Campbell Soup Co. Dept. of Agr. Res.....26967	Canfield, H. C.....17413	Carlioni, P.....16673
Calvery, H. O.....3119	Camperchioli, E. E....2291	Canfield, T. H.....9691	Carlos Muello, A.....11406
Calvet, E.....1056,21000-2	Campillonch, I.....3967	Cañiza, J. del.....26067	Carlsen, C. G.....21029
Calvin, C. B.....12991	Campos, A. R.....10395	Cañizares Zayas, J..21262	Carlson, A. J.....19759
Calvin, R. H.....6479	Campos, J. G.....10827	Cañizo, J. del.....3615	Carlson, G. W.....22018
Calvino, E. M.....16020	Campos, V. D.....22567	Cañizo Gómez, J. del..... 20575,25166,26054	Carlson, J. W.....23404
Calvino, M.....10880	Campos Ayala, A.....26857	Canning, G.....24391	Carlson, M. C.....26473
Calzada, V.....17308	Campos R., F.....647	Canning, J. B.....4815	Carlson, R. E.....5868
Calzada Benza, J....11237, 16181	Campton, T. W.....11651	Cannon, C. Y..22366,27387	Carlson, R. F..10497,26495
Calzecchi-Onesti, A....615	Camras, S.....23230	Cannon, M. G.....20477	Carlson, W. E.....22506
Camac, M. J.....19179	Camus, A.....5919-20,5933, 10147,10182-5,10444-6, 13378,15353,20683,20941	Cannon, M. F.....9553	Carlsson, C. E.....16889
Cámara, A.....26409	Canaan, C.....1260	Cannon, P. R.....26060	Carlsson, C. H.....19581
Cámara Agrícola de Venezuela.....14221	Canada. Agr. Food Bd.28428	Cano, A. E.....22862	Carlton, F. T.....24688
Cámara Algodonera del Perú.....28675	Canada. Bd. of Grain Comms.....22949	Cano, R.....3078	Carmichael, D. G.....4167
Cámara de Comercio, Caracas.....19424	Canada, Bur. of Statis.... 5726,23899,24920, 24920,27101	Cans, M. D.....10339	Carmichael, E. B.....2592
Cámara de Productores de Azúcar, Venezuela...14221	Agr. Branch.....9926	Canterbury Agr. Col., New Zeal....7771,14268,18218, 21136,28249,28370	Carmichael, J. P....12993
Camargo, L. de S....16182	Census of Indus. Gen. Manufactures Branch.... 532,29011	Centerbury Chamber of Com.....1231,7771,14268, 18218,21136,28370	Carmichael, M.....26951
Camargo, R. de.....6697	Forestry Branch.....22144	Centrell, F.....7646	Carmody, D. R.....28931
Camberos, H. R.....2290	Canada. Dept. of Agr.6786, 6885,7453,17747,21018, 22949	Centrell, G. E.....14862	Carncross, J. W.....9701
Cambournac, F. J. C.23229, 23315-17	Canada. Bd. of Grain Comms.....22949	Ceo-Pinna, M.....13231	Carnegie Endowment for Internatl. Peace....29338
Cambridge Univ. Dept. of Agr. Farm Econ. Branch... 12992	Div. of Ent.....3162	Capanna, A.....13154,13481	Div. of Econ. and Hist.. 29500
Cameron, A. E..18756,28757	Live Stock and Poultry Div.....27650	Caparn, H. A.....21371	Div. of Internatl. Law.. 20491
Cameron, A. K.....20682	Mktg. Serv...20528,28922	Capei, L.....15914	Carnegie Inst. of Technol. 14701
Cameron, D.....4901	Econ. Div.14700,19527, 19670	Capilouto, R. R.....8228	Carnegie Inst. of Washington.....10453
Cameron, D. R.....6995	Poultry Prod. Serv..9967	Caponi, U.....9232	Carneiro, V.....11991-2
Cameron, Mrs. E. L....6480	Supplies Bd..5727,28428	Capoor, S. P.....26383	Carnes, H. F.....18257
Cameron, G. R.....12400	Canada. Dept. of Labour... 19264	Caporiacco, L. di....23101	Carnevale, J. A..810,1313, 1396,10838,22050,26682
Cameron, H. C.....5559	Canada. Dept. of Mines and Resources, Lands, Parks and Forests Branch..16712	Cappelletti, C....26187-8, 29466	Carnevale, N.....19108
Cameron, M.....23146-7	Canada. Forest Serv..6310, 6996,7000	Cappelletti, F.....26602	Carney, M.....5047
Cameron, N.....3805,4510	Canada. Natl. War Finance Com. Natl. Agr. Advisory Com.....25977	Cappellini, A.....26410	Carnovsky, L.....487
Cameron, R. H.....22448	Canada. Wartime Inform. Bd.....15170,29307	Caprioli, M.....14300	Carolis, V. de.....11836
Cameron, T. W. M....18015	Canada. Wartime Prices and Trade Bd.....18400	Capt, J. C.....14357	Carolus, R. L.....231
Cameron, W. C..8489,18589, 23955	Canada Packers Ltd..24373, 28861	Caulier, B.....1885	Caroselli, F. S.....14014
Cameron, W. S. F.....4749	Canadian Aberdeen-Angus Assoc.....20542	Caous, J.....13289,14112, 21725,26472	Carpano, M.....17309,22221
Camilla, S.....13288	Canadian Co-op. Wool Growers, Ltd.....19869	Carabelli, A. J.....5806	Carpenter, C. D.....12195
Caminha Filho, A.....1272	Canadian Council on Nutr.....14507	Carabia, J. P..5921,10088, 10148,10430	Carpenter, E. B.....26952
Camp, A. F.....6030,27087	Canadian Fed. of Agr.19313	Caradonna, L.....25055	Carpenter, G. A.....3882
Camp, J.....9846	Canadian Fed. of Hatchery Assocs.....27651	Carayon, J.7888,8049,12695	Carpenter, G. D. H...3449, 18108
Campbell.....9979	Canadian Libr. Council.481	Carballo Pou, M.....17308	Carpenter, H. E.....5836
Campbell, A. M.....14506		Carbonaro.....8268	Carpenter, L. E.....14583
Campbell, C. C.....22115		Carbone, E.....8828	Carpenter, S. J....18016, 23318-19,28104
Campbell, C. J.....22630		Carbonell, A.....2235	Carr, C. B.....8681
Campbell, C. P.....17828		Card, L. E.....2808,13889	Carr, D. A.....16752
Campbell, C. W.....11822		Cárdenas Ramírez, J. R.... 11082	Carr, E. G.....3201
Campbell, D.....20338		Cardinell, H. A.....9684	Carr, R. B.....21
Campbell, D. A.6890,21740, 21893		Cardoso, F. P.....17062	Carr, R. D.....19314
Campbell, D. J.....21370		Cardozo, F. M...3970,4707, 5017	Carr, W. H.....27010
Campbell, G. A.....3182		Cardwell, J. N.....19580	Carra, L.....7673
Campbell, H.....13631		Carey, E. L.....9913	Carrado, F. J. M....24284
		Carey, H. D. T. See Tupper-Carey, H. D.	Carranto, A.....496,24392
		Carey, R. L.....17765	Carreker, J. R.....6891
		Carey, S. W.....1970,16490	Carrera, C.....18861,26305
			Carrera, M.....17976
			Carrere Sapriza, J..5125, 19671



Item	Item	Item	Item
Carrick, C. W....2723,2743, 8923	Case, L. A....5656,5677-8, 5681-2,5684-7,5689, 9829-31,9833-4	Cater, J. C.....1109	Chabot, E.....23722
Carrigan, J. E....5048,18540	Case, L. I.....27388	Cathala, A.....489	Chabrolin, C.....11056
Carriker, M. A., Jr..18188	Casella, D.....21263	Cathcart, C. S.20314,20316	Chadefaud, M.....5991, 10447-8,26411
Carrion, P..23918-19,28524	Casement, D. D.2616,11776, 27450	Cathcart, W. H.....28492	Chadwell, A. J.....20451
Carrizo, M.....26162	Casey, J..5883,6481,10881, 26124	Catherwood, M. P.....27205	Chadwick, L. C....1416-20, 2002,6484,6801,16021-2, 16344-5,20967,21373, 21761,26748,27078
Carroll, A.....26746	Cash, E. K.....5996	Cation, D.....6160	Chadwick, O. C.....17063
Carroll, A. B.....12232	Cash, L.....6147	Cato, C. L.....24921	Chaffin, W....5651,5653-5, 25941,26953
Carroll, C.....14480	Cash, L. C.....15524	Caton, S.....13084,27577	Chaffin, W. D.....15824
Carroll, D.....1751	Cashmore, W. H.....3713	Catoni, G.....11017	Chaffray, M.....12321
Carroll, E....3202-3,12467	Casillo, N. R.....22902	Cattaneo, V.....14301	Chagnon, G.....3503
Carroll, J.....932,22922	Casimiro, J. de F....1752	Cattleman.....22574	Chakravarty, K. K....15700
Carroll, J. F....8413,23830	Caskey, C. D.....24048	Caul, J. F.....7129,7173	Chaldin, V.....27011
Carroll, L. R.....23866	Casparius.....22557	Causey, O. R.....17980	Chaline, R.....16753
Carroll, W. W..13727,28863	Caspers, H.....17664	Cauthen, G. E.....16987	Chalk, L.....14650
Carrothers, G. E.....22162	Cass, G. V.....13250	Cavalanti, P..16562,19182	Chalmers, E. A.....14560
Carruth, L. A....8097,20328	Cass-Smith, E..18971,24374	Cavallaro, C. D.....24978, 28726	Chalmers, H.....25028
Carruth, Mrs. M. S....26747	Cass Smith, W. P....20815, 20874	Cavallitto, C. J....6293-4	Chamber of Com. of the U. S. A.
Carruthers, R. T.....9411	Cassamagnaghi, A.....17859	Cavanagh, J. J.....19316	Agr. Com.....24577
Carse, G. M. D.....3079	Cassamagnaghi, A. (hijo).. 16985-6,17109,17310,27610	Cavanaugh, W. W....24020-1	Agr. Dept.....15120
Carson, G. P.....20939	Cassamagnaghi, F....2681, 22600,22699,27652	Cavaney, B....24078,28288-9	Chamberlain, C.....12283
Carson, G. V.....3971	Cassandro, P. E.....25978	Cavanillas, L.....16426	Chamberlain, G. C....26331
Carson, W. D.....15823	Cassebeer, F. W.....1415, 6482-3,16003	Cave, F. C.....10882	Chamberlain, H. D....1958
Carsten, H. A.....24393	Cassel, A.....7772	Cave, N. L.....21372	Chamberlain, R. W....23319
Carswell, N. B.....17367	Casselberry, N. H....12349, 17646	Cave, R. A.....7252	Chamberlain, T. K....5265
Carta, A.....27489	Cassell, R. C.....6031-2, 15421,15473	Cavendish, R. A. E..12616	Chamberlain, W. E....7139, 17977,24022
Carter, A.....3361	Cassell, R. L....3096,12377	Cavenne, P.....14067	Chamberlin, F. S.....19909
Carter, A. S....4630,9671, 14977-8	Cassez....14445,21762,27886	Cavero, M.....19265	Chamberlin, H. H....20287
Carter, D.....8615	Cassidy, H. O.....27013	Cavero Blécua, M....24777	Chamberlin, J. C....17860, 25264
Carter, D. G....3806,13083, 18369,23758,28394	Cassidy, T. P.....28166	Cavers, J. R....17368,22631	Chamberlin, R. V....3362, 12563,17860-2,27991-2
Carter, E. F.....28820	Cassler, L.....23685-6	Cavia, C. E.....26827	Chamberlin, V. D....17282
Carter, G. A.....27942	Castagnet, A. D.8829,9111, 16868,18416,23999,24320	Cavina, R.....14068,18453	Chambers, A. H.....15020
Carter, G. F....10003,20633	Castan, R.....6231	Cawthron Inst.....8032	Chambers, E. E..2372,2459, 2636,11702,27409
Carter, J., Jr..5535,14996	Castañeda Vega, R....1196	Cayeux.....27083	Chambers, E. L.....15112
Carter, J. C..15472,15533, 20866	Castañedo, J. A....7674, 17148,17197,22536	Caziot.....21931	Chaminade, R.....10616, 11141-2,16311,21701,21762
Carter, J. E.....1108	Castanie, H.....9412	Caziot, P....14222,14649, 19317	Champagne, A.....799
Carter, M.....10608	Castañón, G.....21137	Caztambide Arrillaga, M. C.....22185	Champetier, G.....9947
Carter, M. M..5684-5,5688, 5691	Castelbajac, de....11979	Cazzola, N.....16784	Chamoion, H. G.....21030
Carter, R. M.....3074	Castellana, A. R....24658	Ceballos, G.....3530	Champlain, A. B.....3504
Carter, W....3501-2,23359	Castellani, E..5838,19181, 20741,20816-19,26274	Ceballos y F. de Córdoba, G.....27874	Champlin, M.....21621
Carter, W. A.....25645	Castellanos, A.5922-6,6183	Cecil, S. R....9666,14968, 24269	Chand, A. D.....8747
Carter, W. B.....11392	Castello, S.....20541	Cecil, W. J.....13550	Chand, G.....9075
Carton, V.....13890	Castello Carreras, S..... 12132,26036-7	Cecil, Viscount.....9938	Chandler, A. C.....3486
Cartter, J. L.....26486	Castells Llanes, C....2617	Celora, A. T.....4117	Chandler, A. L..8780,9328, 24979
Cartwright, M. A....19582	Castells Salas, M....6618	Celso Filho.....24576	Chandler, C. M.....8899
Cartwright, O. L.....7921	Castiglioni, J. M....13674	Cendón, J. E.....27944	Chandler, J....4259,18757
Cartwright, W. B....19999	Castillo, J. C.....3176	Centola, G.....8616	Chandler, N. N.....3023
Carus, C. D.....19180	Castillo Calero, A..7842, 12527,15226	Central Bank of Argentina. Econ. Invest. Dept..24065	Chandler, R. F., Jr..26900
Carvajal, F....26273,26330	Castle, B. F.....8482	Central Landowners' Assoc. Exec. Com.....13728	Chandler, S. C..3564,23466
Carvajalino, L. J....27873	Castle, C. V....6855,7251, 14279,29106	Central Vet. Soc....2292, 7138,16785,27298	Chandler, W. H.15265,16407
Carvajalino Jacome, J.... 14337	Castro, J. de.....19737	Cepeda Guerra, E....13482	Chandraratna, M. F....26870
Carvajalino Jacome, L. J. 8193,12401,15915,18219, 19315,19530	Castro, J. de P.....26997	Cerdelli, U....18898,24394	Chandrasekhar, S....9285
Carvalho, F. M. de...19547	Castro, M. P. de.....7905	Cereal Inst., Inc....15236	Chaney, K.....10728
Carvalho, J. B. de M.19803	Castro, R. de.....26603	Ceresa, M. C. D.....6136	Chaney, G. G.....4678
Carvalho, J. C.....28159	Castro Biedma, P....2762	Cerighelli, R.....11124	Chaney, M. S.....14508
Carvalho, J. C. M....18053, 28131	Castro G. Huidobro, A.... 18541,18676	Cerqueira, N. L....17665, 18017-18	Chang, C. T.....28227
Carvalho, M. O. de...14036	Castro H., J.....4090	Cerquera, P. O. de...18502	Chang, C. W.....26900
Carvalho Drien, G....21958	Castro y Coronel, J. B.... 4671	Cerra, F.....7686	Chang, C. Y.....24578-9
Carver, G. L.....16867	Castronovo, A. M....26457	Cerulli, E.....14302	Chang, H. T.....1006
Casa Pecheco, Marqués de... 22599	Castruccio, L.....6339	Cervený, C. C.....9378	Chang, P. H.....23300
Casablanca, J. L....4642	Catala, R.....12815	César, G.....14618	Chang, T. S.....968
Casado de la Fuente, C.... 2484	Catalano, G.....29467	Cesar, H. P....15422-3	Chang, W. H.....15766
Casal Marquetti, J. R.... 11083	Catcheside, D. G..23231-2, 23260-1,26451	Cesar Victoria, J....13551	Chang, Y. H.....26589
Casale, L.....10340		Cevallos G., M. A....27875	Changy, B. de.....489
Casares, P. N.....11978		Ceylon. Conservator of Forests.....16713	Chao, P. C.....19318
Casares, V. R.....11775		Chabannes, J.....11137	Chao, Y. C.....16346
Casares Perez, E.....811			Chapin, E. A.....17925
Casas Campillo, C....15547			Chapin, J. P.....5306
Case, F. H.....20229			Chapin, M. R.....20607
Case, H. C. M.....25820			



Item	Item	Item	Item
Chaplin, J. P.....19760	Cheney, R. H.....26689	China, W. E.....28132	Ciccarone, A...5838,20761, 20820
Chapman, A. G.....123	Cheng, B. L.....26539	China (Government)...15121	Cid de la Llave, B...28728
Chapman, C. J.....6924, 21763-4,27079	Cheng, N. T.....20749	China. Natl. Agr. Res. Bur.....21112	Cidrais, F. G.....4389
Chapman, D.....5030	Cheng, T. H.....28028	Chinard, G.....11624	Ciferri, R....5838,10090, 10331,10341,10406, 10680-7,10729,10785, 11087,13156,13676-7, 15354-5,15916-18,18504, 18862,21651,26692,29469
Chapman, D. V.....22449	Cheng, W. C.....16582	Ching, R. C.....20722	Cifuentes A., J.....2047
Chapman, E.....5049	Cheng, W. K.....26539	Chini, R.....14114	Cillis, E. de.....10045, 21826-7
Chapman, F.....26125	Chengtu, China. Szechwan Inst. of Agr. Impr. Sugar Cane Exot. Sta..... 15869	Chinoy, J. J.....5884	Cillins, V. de...9512,10730
Chapman, G. M.....22505	Cher, C. C.....868	Chisholm, R. D.25369,28029	Cincinnati. Dept. of Health.....18957
Chapman, H. D...1007,1740, 15634	Cherchite, V.....3204	Chittenden, D. W....22450	Cintalesi C., G.2422,22186
Chapman, H. H.....15736, 16563-4,22054	Cherian, B. A.....12468	Chittenden, E. T.....16523	Ciotola, A.....14386,14509
Chapman, H. L. R.714,5903, 10089	Cherian, M. C.....12469, 17691-2,18109-12,18178, 23071,23401,23467	Chittenden, F. J.....10883	Ciranna, C.....2003,14116
Chapman, H. W.....14385	Chernov, V. K..20892,20969	Chitwood, V. D.....13483	Ciriacy-Wantruo, S. von... 19805
Chapman, K. H.....27410	Chernyak, B.....16306	Chiu, S. F.....3565,27876	Citarella, F.....26580
Chapman, P. W.....5050-1, 24841,24922,28727	Chernyshev, D.....26622	Chiu, W. F.....5997,20749	Citro, N.....27731
Chapman, R. A.....4044	Cherrier, E.....17457	Chiu, Y. S.....27876	Citrus Belt Rabbit Assoc. of Pomona, Calif....27752
Chapman, V. J.....13991	Chesley, C. H.....1421	Chioderi, A.....14115	Cittadini, J. C.....26623
Chappel, C. J.....23706	Chesnaïs, F.10187,10449-52	Chishov, B. A.....15299	Ciucci, L.....18168
Chappell, R. H.....2592	Chester, K. S.....285,5546	Chladek, V.....22222	Civran, R.....20972
Chappellier, A.22396,23148	Chevais, S.....28070	Choate, E.....7322	Cizik, B.....26552
Chaptal, L....20968,21894, 26565	Chevalier, A.....676,1698, 5837,5927,8748,10188-90, 13155,13552,13584,14113, 21650	Choin du Double, P. de.... 22537	Claar, E. A.....16023
Charavanapavan, C....19766	Chevalier, R.....8518	Chollet, M. M...6295,15701	Claassen, C. E...263,29001
Charles, T. B.....2763-4, 7524-5,12178,17369, 22700,27653,29180	Chevigny, A. de.....13595	Cholmeley, E. F.....14446	Clafin, C. F.....24758
Charnley, F.....9019	Chevigny, J. de.....17149, 22575	Cholodnyi, N. G. See Kholodnyi, N. G.	Clancy, D. W.....28140
Charon, A. J.....12133-4, 12284-5,13456,17582, 17620,22701,22791	Chevrel-Bodin, M. L.27747	Chopard, L....8133,12872, 20561,28214-15	Clapham, A. R.....25212
Charpentier, L. J....17924	Chew, A. P....14856,19396, 24690	Chopra, B. N.....24553	Clapp, A. L.....242
Charron, G.....13427	Cheyney, E. G.....26551	Chopra, I.....23946	Clepp, J. M.....28107
Charrot.....28026	Chhutteni, P. N.....9463	Chopra, I. C.....6699	Clare, H. C.....19750
Chase, C.....28758	Chianese, L....10005,19159	Chorin, M.....15474	Clare, N. T....11652,27783
Chase, C. D.....938	Chiarelli de Gahan, A.... 18113	Chorine, V....17311,18039	Clarenbach, F. A....29259
Chase, H. M.....28676	Chiaromonte, A.9929,17693, 18167,19804,22923	Chouard, P....10405,13197, 13553,13632-3,15862, 16183-4,18758,20970-1	Clarence, B. V.....1699
Chase, J. L. H.....10004	Chiarugi, A.....26126	Choudhari, B. L.....16262	Clark, A. G.....27592
Chastukhin, V. IA...11201	Chicago Nutr. Com....9572	Choudhuri, H. C.....952	Clark, A. M...1422-3, 6486, 10884,16024,21374
Chatterjee, B.....4949	Chicago Univ.....514	Choudhury, S. D.....24079	Clark, B.....2846
Chatterjee, D. K.....9413, 14568	Center for the Study of Audio-Visual Instruct- ional Mater.....20479	Choussy, F.....18503	Clark, C. A.....66,5406
Chatterton, E. R.....4168	Libr. Inst.....487	Choux, P.....29468	Clark, C. C.....4760
Chatterton, Sir A....24689	Chick, H....5233,25088-90	Chow, G. Y.....26156	Clark, C. F.....16854
Chattopadhyay, K. P..24923	Chickering, A. M.....17863	Chowdhury, H. K. N....22223	Clark, C. H.....542
Chaturvedi, S. B....26412	Chieffi, A.....2637,11993, 27515	Chowdhury, S....2034,6033, 6942,11086,20742	Clark, C. M.....20281
Cheuchard, P.....25124	Chiellini, P. L.....17513	Christensen, C. M...16263, 20164,20634,21895	Clark, C. O.....16427
Chaudhuri, G. N. R....2305	Child, R.....4539	Christensen, J. R....9519, 23468	Clark, C. T.....26093
Chaudhuri, H.....16786	Childers, L. F.....3205-6	Christensen, L. M.....3877	Clark, D.. 1424,6700,16025 20591
Chaudum, V.....12955	Childers, N. F.....11085	Christian, C. F.....24009	Clark, D. D.....11994
Chaung, T. M.....23210	Children's Fund of Mich... 26060	Christian, J. T.....8926	Clark, E. R.....9671
Chausov, P.....8194	Children's Nutr. Council.. 25056	Christian, M. B.....7706	Clark, F.....23597,26950
Chauvin, R....579,7922-3, 8132,12617,12871,28212-13	Childs, J. E.....25167	Christiansen, J. E...26924	Clark, F. A.....28629
Chavagnat.....23767,27367	Childs, J. F. L.....10304	Christie, A. H.....7004	Clark, F. de C. B...19504
Chavagnat, M....8195,8347	Childs, L.....26313	Christie, J. W.....5343	Clark, F. O.....9286
Chavanne, L.....11084	Childs, W. H.....28932	Christine.....6485	Clark, G. L.....3120
Chavez, J.....18677	Chile. Departamento de Genética Fitotécnica.15291	Christman, H.....488	Clark, H.....3314
Chávez Núñez, F.....24980	Chile. Ministerio de Agricultura.....20479	Christopher, R. C....9654	Clark, H. P.....27212
Cheatham, R. J.....4169	Departamento de Genética y Fitotécnica....10006	Christy, A. E.....20480	Clark, I.....1197
Checchi, J. C.....13675	Dirección General de Agricultura.21083,21114	Chryslar, M. A.....20723	Clark, I. G....14069,24659
Chédeville, C.....23920	Comité de Extensión Agrícola.....14702	Chu, F. S.....9901	Clark, J. A.....1144
Cheek, L. G.....24542	Chilean Nitrate Sales Corp., Inc.....20602	Chu, J.....7984	Clark, J. H....15960,24210
Cheesman, E. E.....6698	Chin, F. C.....970-1	Chu, T. S.....26474	Clark, J. J.....13730
Cheetham, G.....29181	Chin, T. C.....26447	Chu, V. M.....933	Clark, J. M.....3916,20485
Chekanovskaya, O. V..18000		Ch'uan Hsi Nung Min..14703	Clark, J. S....11906,21375
Cheldelin, V. H.....14607		Chubkova, A. I..7985,28101	Clark, J. W.....25964
Chemin, E.....10186,10272		Chudinovskikh, A.....2524	Clark, K. G....11423,21966
Chen, C. Y.....19767		Chumakov, M. P.17864,27993	Clark, L.....9329,19672, 20730-1,24981
Chen, H. K.....8240		Church, L. F.....24625	Clark, L. B.....19360
Chen, K. Y.....3883		Churchill, A. C.....14447	Clark, L. G.....21376
Chen, S. L.....969,26539		Churchill, B. R.9689,11057	Clark, L. H.....19583
Chen, S. T.....23292		Chuvikov, V....9071,24778, 29107	Clark, M.....9379,26624
Chen, T. M.....26546		Chwatt, L. J....8026,18019	Clark, M. W.....1959,13125
Chenery, E. M.....11125		Ciacia, C.....16595	Clark, N. M....14619,16347
Cheney, F.....5728		Ciani, G.....13729,13775	Clark, R.....22827
Cheney, H.....11433			



Item	Item	Item	Item
Clark, R. J.....24285	Clokic, H.....9501	Colby, A. S.....10848	Collison, C. F.....23956
Clark, R. T.....4215	Close, A. W.....1071	Colby, H. E.....29255	Collison, R. C.....16348
Clark, S.....1960	Cloutier, G.....2048,14303	Colby, W. G.....1824,9680,	Collisson, C. F.....4739,8367
Clark, T. B.....5708,17270	Clover, V. T.....24907	26954	Colliver, F. S.....26125
Clark, T. D.....4816	Clowes, G. J.....1099	Coldwell, M. J.....9150	Collyer, F. V.....6445
Clark, T. F.....29038	Clute, W. N.....5930,6680	Cole, B. C.....13407	Colnett, A.....18258
Clerk, W. E.....22702	Clutterbuck, C. G.....12816	Cole, C. L.....7633,16854,	Colom, L.....26955
Clarke, C. M.....6212	Clyde, A. W.....13048	22173,25911	Colombani, G.....16583
Clarke, D. A., Jr.....224-5	Clydeale, C. S.....1595	Cole, E.....22914	Columbia. Estación
Clarke, E.....21377	Coad, H. W.....21138	Cole, F. E.....28759	Agrícola Experimental
Clarke, E. J.....10605	Coad, W. H.....12044,17224	Cole, H. H.....2460,16789,	de Palmira.....18062
Clarke, J. L.....18020	Cobau, R.....26189	16988,17552	Columbia. Ministerio de
Clarke, J. O.....8571	Cobb, A. D.....19425	Cole, H. I.....22524	Hacienda y Crédito
Clarke, M. C.....4564	Cobb, E. S.....11360	Cole, Mrs. J. D.....17459	Público.....23922
Clarke, R. H.....5234	Cobb, H. H.....8483,13334	Cole, J. R.....5490	Colombian-Amer. Chamber
Clarke, R. W.....23921	Cobb, J. S.....8734,13118	Cole, L. J.....2768	of Com.....9868
Clarke, S. E.....21018	Cobb, R.....15146	Cole, R.....7654	Colo. Agr. Expt. Sta.....
Clarke, W. B.....15319,2063f	Cobb, V. T.....19135	Cole, R. C.....25483	222-3,5489,9662-3,
Clerkson, M. R.....13806	Cobbett, N. G.....23233	Cole, R. K.....27615	14996,20266-8,25669
Claus, F.....14620	Coblentz, J.....16026	Cole, R. R.....19183,24580	Colo. State Col. of Agr.
Claus, G.....5775	Cobos de Arcos, J.....2347	Cole, W. R.....3831	Ext. Serv.331-47,20379-80
Clausen, C. P.....3121,5387,	Coburn, J. L.....3715	Coleman, E.....1700,10281	Colo. State Planning
5391,10043	Cocchieri, M.....14304	Coleman, F. B.....4144	Comm.....19184
Clausen, J.....10453	Coccia, G.....16603	Coleman, L. M.....9006	Colo. Univ.....20498
Clausen, R. T.....5928,22952	Cochel, W. A.....18899,24692	Coleman, O. T.....20406	Colovos, N. F.....20313,
Clausendorf.....2293	Cochran, A. R.....16714	Coleman, R.....1176,11239-40,	20309,20313
Cleuss, H. M.....17551	Cochran, H. L.....231-2,5337,	26476	Colston, R.....5007,14223,
Claver Correa, D. I.....3397	11238	Coleman, S.....1426	23867
Clawson, J. E.....2373	Cochran, J. H.....12733	Coles, J. D. W. A.....12138,	Columbia River Basin
Clawson, M.....4995,24893	Cochran, W. G.....9517	17370,22658,22703	Interstate Water Fore-
Clay, A. L.....2294	Cochrane, V. W.....1008,6232	Coles, R. S.....5306	cast Com.....202
Clay, E. W.....11	Cochrane, W. W.....9927	Coletti, A.....22397	Columbia Univ. Dept. of
Clay, H. J.....12470,18990,	Cockayne, E. A.....3566,22903	Coley, H. M.....616	Chem.....20564
28933	Cockbain, E. G.....8882	Colfer, W. A.....29278	Columela.....25092
Claybaugh, J. H.....9790,9810	Cockbill, G. F.....17926	Colhoun, J.....6034	Colvin, B.....19585
Claybaugh, R.....3074	Cockburn, W. M.....1672	Colin, H.....10617-18	Colvin, D.....14582
Clayton, C. N.....299	Cocker, H. R.....21378	Colker, D. A.....8592	Colwell, W. E.....6229,6233,
Clayton, E. E.....6919,9531,	Cocker Spaniel Club of	Colle, S.....15919	6259,21797,26477
14723,20821	England.....2579	Collas, H. A.....13232	Comas Calvet, P.....23789
Clayton, H. G.....24691	Cockerell, T. D. A.....14621,	Collatz, F. A.....8784	Comas Contreras, J.....19426
Cleer, T.....15249	15320,23420,28160	Collazo, A.....9113	Comber, H. F.....5931
Cleavinger, E. A.....5591-2	Cockerell, W. P.....6383	Collery, L.....22224	Combes.....12788
Clemares Miralles, E.....27543	Code, W. E.....25669,27012	Collett, A. W.....5753	Combes, L.....4950
Clemens, C.....19832	Coderie, J.....18542	Collett, R. W.....23523	Combes, R.....13634-5
Clément, P.....23149	Codoni, J. A.....4118	Colleville, R.....27977	Combined Food Bd. (U. S.,
Clément, R.....489	Codoni, J. C.....23998	Collicutt, S. A.....22141	United Kingdom, and
Clementi, A.....1094	Coe, D. M.....6143	Collier, D.....11126,16698,	Canada.....18401
Clements, D. M.....5052	Coe, F. M.....9743	26963,27085	Combs, J. F.....23647,28833
Clements, F. W.....29362	Coe, M.....3648	Collier, G. A.....24286	Combs, O. B.....5710,15110
Clements, L. D.....19584	Coe, M. H.....8173,12915	Collier, G. W.....19481	Combs, W. B.....14819,15183,
Clements, R. W.....16684	Coe, W. R.....29470	Collier, J.....15311,24581	18863
Clemons, G. M.....9112	Cofer, E.....18826	Collin, J. E.....7986	Cometti, F.....5162
Clemson Agr. Col. S. C.	Cofer, E. S.....468-9,475-6,	Collinge, A. V.....24458	Comin, D.....13113
Ext. Serv. See S. C.	15108	Collinge, W. E.....12564,	Comisión Argentina de
(Clemson) Agr. Col. Ext.	Coffey, F. A.....14117	17865-6	Fomento Interamericano...
Serv.	Coffey, J. S.....4430,12309,	Collingwood, F. C.....7707	24709
Clendenning, K. A.....13709	17599-600,22852	Collingwood, G. H.....2080,	Comitato Nazionale per
Clepper, E.....2226,9991	Coffin, H. S.....13157	6990	l'Incremento delle
Cler, G. O.....16787,17110,	Coffman, D.....24626	Collins, D.....10809	Concimazioni.....10045
27483	Coffman, F. A.....6319	Collins, E.....28934	Comité Cotonnier Congolais
Cleu, H.....12378	Coffman, J. D.....27169	Collins, E. R.....11241	18667
Cleveland, J. R.....17458	Coggshall, W. L.....7773	Collins, F. D.....13992	Committee for Econ.
Clevenger, W. L.....9451	Coghill, R. D.....1037,10647	Collins, F. I.....19043	Devlpmt.
Cleyn, F. E.....24080	Coghlan, C.....18972	Collins, F. S.....3398	Agr. Communities Com...
Clifcorn, L. E.....14569,	Cohee, M. H.....1961,16328	Collins, G. B.....18153	9869
24211	Cohee, R. F., Jr.....25091	Collins, G. P.....9114	Res. Com.....15172
Cliffe, A. E.....7115,17223,	Cohen, J.....1425,8229	Collins, H.....18335	Committee for Econ.
18647,22187	Cohen, N. F.....4996	Collins, J. H.....18818	Devlpmt., New Mexico.....
Clifford, L. W.....23646	Cohen, R. M.....3859,13158	Collins, J. M.....9867	20495
Clifford, P. A.....13181	23788,23811,28964	Collins, L. A.....1427	Committee on Mobilization
Clift, I. M.....9979	Cohodas, L.....5440	Collins, R. W.....20329	of Negro Labor to Pro-
Clinch, P. E. M.....917,923	Cohrs, P.....7253,7369	Collins, S. B.....12258-9,	duce and Harvest Agr.
Cline, A. C.....22036	Coic, Y.....10505,10524,	22822	Prod. Necessary to the
Cline, H.....22447	16548,26475	Collins, T. T.....16683	Prosecution of the War...
Cline, L. E.....2728,2766-7,	Coiner, M. S.....18991	Collins, T. T., Jr.....11585	20035
7471,17271,22632,28963	Coit, J. E.....6156,28729	Collins, W., Jr.....26625	Committee on Wartime Agr.
Cline, R. A.....14919	Coker, R. R.....18679	Collinson, H.....2682,7411,	Prod. in Ohio.....14118
Clinton, F.....28371	Col, G.....16788	7527,8927,12139-40,	Common, M. A.....715
Clinton, H. F.....7526,8305,	Colas, G.....12618-22	13085-7,14070,18336-7,	Common, R. H.....6296
12136-7,17272	Colas-Belcour, J.....12559,	22704-8,27544,27611,28372	Common Council for Amer.
Clokey, I. W.....5929	23342	Collis, J. S.....17694	Unity.....15237



- | Item  | Item   | Item  | Item  |
|---|--|---|---|
| Compagnia delle Fibre Tessili Vegetali d'Etiopia, Milan....13484  | Conn. Reemployment Comm....15122   | Coons, Mrs. F.....7005                            | Cornell Univ.--Continued.   |
| Compagnia Italiana Semi e Frutti Oleosi S. A., Milan.....13843  | Conn. (State) Agr. Expt. Sta.....9664,20269  | Cooper, B. A.....7924                             | See also New York (Cornell) Agr. Col.   |
| Compton, K. T.....29490   | Conn. (Storrs) Agr. Expt. Sta.....224-5  | Cooper, D. C.....15605                            | Cornil, L....26413,26478-9  |
| Compton, O. C.....6228  | Conn. Univ.....18603   | Cooper, E....1428,6489-90,16028-9                 | Cornish, F.....19482  |
| Compton, W. J.....7049,11458  | Connell, R.....22879   | Cooper, G. H.....12080                            | Cornish-Bowden, A....12565  |
| Comstock, J. A.....8098   | Connell, W. E....2423,7225,11829,22367-8,22370   | Cooper, H. P.....27088                            | Cornu, C.....13978  |
| Comstock, R. E....9450,9518   | Connolly, M. J.....22806   | Cooper, J. F....1131,1199,11242,18827,26912       | Cornu, G. F.....7015  |
| Comstock, W. P.....3567   | Connelly, R. G.3716,13335,17064,27339,27389,28573                                      | Cooper, J. L..12712,17993,28090-1                 | Cornwell, L.....24924   |
| Conabere, G. O.....13772  | Conner, J. W....13636,13642  | Cooper, J. R.....1825                             | Coronado, M. J.....24082  |
| Conard, K.....11424   | Connors, C. H....6035,9705,9709,21295  | Cooper, K. W.....23234                            | Corporación Argentina de Productores de Carbón Vegetal.....2219   |
| Concannon, J. J.....4940  | Conover, D. S.....6892   | Cooper, L. H.....24554                            | Corporación Nacional de Olivicultores.....15921   |
| Concha, R.....21223   | Conover, H. F.....9871   | Cooper, M.....7412,12045,12141,26749              | Corradetti, A.12730,23320-1   |
| Conde, B.....8146   | Conrad, C. C.....8617  | Cooper, M. M.....27807                            | Correa, A.....14420,16349,16549   |
| Conde Thillet, M....16264   | Conrad, H. S.....20732   | Cooper, M. R..4170-2,4951,5756,19948,25293        | Corrêa, L. N.....7655   |
| Condigiani, J. R.....2295   | Conrad, R. S.....4565  | Cooper, N.....16265                               | Corrêa, O. N.....7655   |
| Condit, I. J.....15920  | Conrad, W. J.....28525   | Cooper, O.....19673                               | Correvon, A....6491,10885,21379,26750   |
| Condon, E. J.....29252  | Consentino, J. A....26480  | Cooper, R.....1900                                | Corrie, F. E....1826,6297,11653,16533,21944,22188,27268   |
| Condon, H. R.....2059   | Consiglio Nazionale delle Ricerche, Comitato per l'Agricoltura, Italy.....15293        | Cooper, R. F. V....12402,21250                    | Corrientes, Argentina. Universidad Nacional del Litoral. Facultad de Agricultura, Ganadería e Industrias Afines...560 |
| Cone, C. B.....14651  | Consolani, G.....18992   | Cooper, T.....12729                               | Corrigan, J. P.....10886  |
| Cone, J. F.....2507   | Consolazio, F. C.....5202,9430,19745   | Cooper, T. V.....7335                             | Corsar, K. C....1429,10887  |
| Confederación de Asociaciones Rurales de Buenos Aires y La Pampa...13812,24982  | Consumers' League of N. Y.....15123  | Cooper, V.....3122                                | Corsi, T.....16790,16989  |
| Confédération Générale des Planteurs de Betteraves...13932  | Consumers Power Co., Rural Serv. Engin...12948   | Cooper, W. C..6397,10810,21264                    | Corson, J.....13159   |
| Confederazione Fascista dei Lavoratori dell'Agricoltura.....5717  | Conti, G.....10045   | Cooper, W. E.....22096                            | Corson, J. F.....22925  |
| Conference on Co-op. Farming, Regina, Sask., 1944.....25979   | Contreras Barbas, L.15737  | Cooperative League of the U. S. A.....15118,20489 | Cortazar Sagaminaga, R...972  |
| Conference on Indus. Canteen Catering, London, 1943.....9979  | Contreras C., M.....11297  | Cooperrider, C. K....27013                        | Cortelezzi, E. D.....2296   |
| Conferencia Interamericana de Agricultura, 2, Mexico City, 1942.....26100   | Conus, D.....2978  | Coordes, H.....7843                               | Cortes, J.....11777   |
| Conferencia Interamericana de Agricultura, 3, Caracas, 1945. Comité Organizador...25972,25976,25980-1,25985,25987,26000,26007,26012,26014,26017,26038,26043,26047,26049,26052-3,26075-7,26080,26094-5,26098,26100,26119 | Convegno Nazionale dei Dottori in Scienze Agrarie. 1, Rome, 1945...26101               | Cope, J. A.....418                                | Cortes, M. R.....29012  |
| Conforti, E....19319,20884  | Convegno per l'Impiego degli Azotati nel Mezzogiorno e nelle Isole, Bari, 1939...10045 | Copeland, E. W., Jr..16543                        | Cortes P., R.....3450-2   |
| Congrès du Métyage, 1939. 489   | Convención Nacional de Ciencias Económicas y de Administración, Uruguay..14704         | Copeland, J. T.....3832                           | Cortez M., R.....10510  |
| Congreso Nacional de Cafeteros, 14, Colombia..20519   | Conway, H. M.4431-2,13731,18900,29173  | Copeland, L.....7200                              | Corti, G.16491,16550,27051  |
| Congreso Nacional de Cooperativas de Colombia, 1, Medellín, 1943...20481  | Cook, A. H.....15702,20736   | Copland, D. B.....18465                           | Corvisier.....2236  |
| Congreso Nacional de las Cooperativas de Colombia, 2. Comité Organizador...9330   | Cook, C. P.....9572  | Coplen, R. I.....29066                            | Cory, E. N....12645-6,23361   |
| Conin, W.....15266  | Cook, D. B.....953,27256   | Copley, G. H..11018,20576,26671-2                 | Cory, V. L.....15356  |
| Conklin, E. A.....8196  | Cook, G. C.....551   | Copley, J. J.....6305                             | Cory-Wright, A.....8781   |
| Conn, G. H....7254,22398,22574  | Cook, G. E.....15215   | Coppens, P.....14305                              | Cosby, H. E.....5665,7529   |
| Conn, H. J.....650  | Cook, G. L.....27194   | Copper, R. R.....25948                            | Cosentino, J. A.1314,15635  |
| Conn. Agr. Col. Ext. Serv. 348-9,5563,15037,20381,25796   | Cook, J. E.....2729,4566   | Coppi, R.....27411                                | Cosline, H. L.....22451   |
| Conn. Dept. of Agr. Bur. of Markets....4260,23812,28965   | Cook, J. M....14866,18681  | Copping, A.....25088                              | Cosmo, I.....10849  |
| Conn. Forest and Park Assoc.....7097  | Cook, L. J.....1198,21074,21139  | Copping, A. M.....5235                            | Costa, A. de S.....28429  |
| Conn. Post-war Planning Bd.....9870   | Cook, L. R.....13993   | Coppini, R.....13783,18901                        | Costa, C. G.....28782   |
|   | Cook, M. E.....6952  | Copsey, L. T.....22709                            | Costa, E. da.....24693  |
|   | Cook, M. T.....5998,26275  | Coquillat.....10232                               | Costa, J. W. da.4567,13891  |
|   | Cook, O. M.....4433  | Corá, F.....4119                                  | Costa, O. A.....1701  |
|   | Cook, T. F.....27654   | Corazón, F.....5316                               | Costa, P. D. da...26140-1   |
|   | Cook, W. C.....23360   | Corbaley, G. C.....28456                          | Costa Rica. Departamento Nacional de Agricultura..15868   |
|   | Cook, W. H....3717,13119   | Corban, E. B.....25057                            | Costales, E.....25094   |
|   | Cooke, G. B.....16596  | Corbet, A. S..12817,17927                         | Costantino, G.....7987  |
|   | Cooke, R. J.....8398   | Corbière, H.....14058                             | Costantino, I. N....10888   |
|   | Cooke, S.....27209   | Corbin, F.2254,10786,11088                        | Costello, D. F..1200,6359,10750-1,15825,21140   |
|   | Cooksey, A. E.....3665   | Corcoran, T. F.....18486                          | Cotner, T. E.....19505  |
|   | Cooley, A. C.....9287  | Cordner, H. B.....9730                            | Cottam, C.....6036  |
|   | Cooley, A. M.....13661   | Core, E. L.....5914,10191                         | Cottam, W. P.....939  |
|   | Cooley, R. A.....3363  | Corey, H.....11315                                | Cotter, J. W.....7237   |
|   | Coolidge, M. H....15725  | Corfe, C. E.....3568                              | Cottier, W.....28174  |
|   | Cooman, A. de.....28030  | Corkhill, R. W.....2109                           | Cottingham, W. S....20098   |
|   | Coombs, S. V....6488,16027   | Corkill, L.....26332                              | Cottman, C. E.....12471   |
|   | Coon, B. F.....18114   | Corkum, B.....7033                                | Cotton, J.....1962  |
|   | Cooney, W. T.....7529  | Corlett, D....2847 17273,18338                    | Cotton, R. T.....5339   |
|   |  | Corley, S.....19806                               | Cotton-Textile Inst., Inc. Div. of Tech. Serv..15173  |
|   |  | Corman, L. B.....27390                            | Couch, J. F.....15703   |
|   |  | Corminboeuf, F.....1753                           | Couch, J. N.....26276   |
|   |  | Corn Indus. Res. Found....19870,20518             | Couch, V. M. 2586,17460-3,17514,27497   |
|   |  | Cornehl, A.....7844                               |   |
|   |  | Cornell, C. R.....22924                           |   |
|   |  | Cornell, E. M.....4261                            |   |
|   |  | Cornell, T.....1332                               |   |
|   |  | Cornell Univ.....5320                             |   |
|   |  | School of Nutr.....20564                          |   |



	Item		Item		Item		Item
Coudry, G.....	15573	Craigie, J. H.....	869	Crocheron, B. H.....	4761, 19586	Cugnac, A. de....	5933, 6298, 10526-7, 20940-1, 21020, 26415
Coulon, J. P.....	11470	Crain, O. W.....	1145	Crocioni, A.....	10787-90	Cugnini, A.....	11836
Coulter, G. T.....	3649	Cram, J. S.....	2848-9, 3000, 4501, 4568-70, 4903, 14119, 14225, 14387, 16890-1	Crocker, E. C.....	8414	Cuif, E.....	26553
Coulter, J. L.....	16428	Cramer, H. T. J.....	4997	Crocker, W.....	10091, 27089	Culbert, J. R.....	25775
Coulter, S. T.....	5506, 13362, 15183	Crammer, W. M.....	25168	Crockett, W. A.....	27945	Culbertson, C. C.....	2996, 4959, 27391
Coulthard, C. E.....	26540	Crampton, E. W.....	3043, 7116, 22863, 27511	Croizat, L.....	737, 26190	Culbertson, R. E.....	6360-1
Council of Brit. Soc. for Relief Abroad.....	20565	Cranbrook Inst.....	10146	Croll, A.....	13732	Cullen, M. T.....	5054
Council of State Govt.....	20482	Crandall, B. S.....	15393, 15475-6	Crombie, A. C.....	3123	Cullen, W.....	1201, 21983
Council on Foreign Relat.,	5769, 20507	Crandall, H. D.....	25925-9	Cromie, G. A.....	2086	Culley, J.....	17098, 22538
Coupan, G.....	12949, 18220, 18296, 22926, 23598, 23687-8, 23723, 28322-3	Crandall, W. T.....	16945	Cromwell, R. O.....	18864	Cullity, M.....	3044, 18221, 18544
Coupan, M. G.....	12403, 13037	Crane, C. C.....	29135	Cronin, F. D.....	3860, 20231	Cullop, R. H.....	16990
Couranjan, A.....	19320	Crane, F. H.....	25833	Cronin, M. J.....	9261	Culp, E.....	4310
Cournault, H.....	13554	Crane, H. L.....	5286	Cronquist, A.....	738, 15357	Culpepper, C. W.....	13629, 15636, 15704, 20973, 24208
Court, A.....	6306	Crane, J.....	5053	Cros, A.....	17928	Culpepper, G. H.....	12908
Courtaulds Ltd.....	26008	Crane, J. C.....	1010, 1177, 6991	Crosby, W. E.....	2087	Culver, V.....	17601
Courtney, W. D.....	10397, 26751	Crane, M. B.....	15961-2, 16185, 26375	Crosier, W.....	870	Culver, V. S.....	24321
Cousin, G.....	28216-17	Craner, W.....	12950	Crosion, M.....	10285	Cumani, G. M. de.....	9058
Coutinho, J. O.....	18021	Cranford, P. G.....	18022	Cross, C. B.....	292	Cumberland, K. B.....	10046
Coutinho, M. C. P.....	3399	Cranston, J. H.....	4495	Cross, F. B.....	288	Cumberland, R. W.....	5306
Coutinho, R.....	19738	Cranworth, L.....	7201	Cross, W. E.....	1132, 6090, 29013	Cummings, R. W.....	6802
Coutts, J. R. H.....	21687, 21702	Craven, W. H.....	9842, 24287	Crossley, E. L.....	23988, 24024	Cumming, A.....	15267, 16031
Couturat, J.....	23150	Cravens, W. W.....	7448	Crotch, W. A.....	3207	Cumming, M.....	1827
Couture, C. E.....	4966, 9288, 14306, 19506	Crawino, A.....	18759	Crouch, E. K.....	304	Cumming, W. C.....	15744
Couturier, A.....	28133, 28175	Cravioto, R. O.....	14570	Crouch, I.....	20394-5	Cummings, C. M.....	22454
Cova-García, P.....	5823	Cravioto B., R.....	5236	Crouse, J. W.....	22399	Cummings, M. B.....	3125, 3569, 6038, 6620-1, 12698, 17929, 22928, 23151
Covas, G.....	5932, 9519	Crawford, A.....	28864	Crouzatier, L.....	19531	Cummings, R. W.....	1845
Covell, G.....	8022	Crawford, A. B.....	11877, 19891	Crovetto, R. M.....	6186	Cummins, G. B.....	26277
Cover, S.....	303	Crawford, D. M.....	4540, 8900	Crow, A. B.....	22037	Cunha, E. R.....	4434
Coville, C.....	9115	Crawford, F. W.....	2374, 7202, 20542	Crow, R.....	23575	Cunha, J. R.....	24694
Cowan, I. M.....	11631	Crawford, J.....	12895, 26956	Crowfoot, D.....	6157	Cunha, T. J.....	2442, 3073, 7665, 17621
Cowan, J. C.....	13874, 28935	Crawford, J. C.....	3628	Crowley, R. F.....	14015	Cunin, G.....	6425
Cowart, R.....	16293	Crawford, J. G.....	29055	Crowson, M. M.....	300	Cunkelman, J. W.....	7248
Cowie, D. B.....	11956	Crawford, M.....	22659	Crowther, E. M.....	11243, 16186	Cunningham, G. C.....	6309
Cowing, A. G.....	29436	Crawford, R. P.....	5163	Crowther, G.....	4817	Cunningham, G. H.....	10342
Cowles, F.....	23958	Crawley, B.....	18259	Crowther, G. W.....	8334	Cunningham, H. S.....	10343
Cowles, H. A.....	7925	Cray, R. E.....	4571	Crowther, H. A. H.....	12994, 13428	Cunningham, I. J.....	11652, 12260
Cowles Comn. for Res. in Econ.....	26015	Crea, V.....	8391, 8619, 8901, 18993	Croy, O. C.....	445	Cunningham, J. B.....	14271, 19474
Cowley, W. R.....	11163	Creager, D. B.....	812	Cruess, W. V.....	3932, 3976, 5237, 8458, 8712-13, 18799, 18828, 24213-15, 28292, 28774, 28783-4	Cunningham, L. C.....	4145, 4941, 5537, 8499, 9814, 15001, 18545, 18648, 20429
Cox, Mrs. A.....	9489	Cree, N. F.....	28610	Cruickshank, J. G.....	29437	Cunningham, O. C.....	268
Cox, A. B.....	4173, 8618, 29093	Creek, G. R.....	9798	Crummett, D. O.....	1596-7	Cunningham, R. N.....	25444, 27126
Cox, A. J.....	7708, 12404	Crehan, F. M.....	7591	Cruz, H.....	2297	Cunningham, W. A.....	9363, 29094
Cox, C. E.....	6037, 6049	Creighton, G. W. I.....	22072, 27125	Cruz A., C.....	17111	Guoccolo Sobo., R.....	16823, 27312
Cox, G. A.....	24023	Crépin.....	21075	Cruz A., C.....	17111	Gupples, H. L.....	7709
Cox, H. B.....	22574	Crépin, C.....	13639, 15751, 15767, 20764, 26828	Cruz A., M.....	22311	Curanqui, U.....	2050
Cox, H. J.....	2049	Crescini, F.....	10506-7, 26448	Cruz Ramírez, C.....	19321, 19397	Curasson, G.....	552
Cox, H. R.....	1184, 2035, 9704, 21622	Crespo, R.....	12212	Cruz Riascos, L.....	23924	Curé, P.....	10007, 15637
Cox, J. A.....	12755, 28786	Crespo Serrano, J.....	2656	Cruz Riascos, L. C.....	13678	Curran, C. H.....	3364-5, 22904, 28176
Cox, J. K.....	24925, 29279	Cresse, G. B.....	9872	Csiki, L.....	14388	Curran, G. B.....	25029, 28865
Cox, L. G.....	1009, 10532	Cresson, E. T., Jr.....	17979	Csontos, J.....	7630	Currence, T. M.....	6622
Cox, M. B.....	5545, 9729	Cresswell, G.....	18339, 40, 27655	Csukás, Z.....	11778	Currey, D. V.....	7710
Cox, M. G.....	8306	Cresswell, M.....	20012	Cuba, G.....	13933	Currie, C. R.....	3666
Cox, M. J.....	19165	Crestin, F.....	22116	Cuba, P.....	19483	Currie, G. A.....	5055, 24926
Cox, R. F.....	5811	Crété, P.....	6184-5, 15574, 26414	Cuba Económica y Financi- era.....	29014	Currier, H. B.....	13577
Cox, R. W.....	3925, 23858	Creutz, E.....	7323	Cuba. Ministerio de Hacienda. Dirección General de Estadística...	14705, 29339	Curry, A. S.....	20422
Cox, W. F.....	12287, 13819	Cribb, A.....	21854	Cuba. Oficina de Divulga- ción de la Sección de Sanidad Vegetal.....	18115	Curry, E. J.....	19161
Coxe, S.....	24582	Cridder, F. J.....	19885	Cuboni, E.....	11856	Curry, J.....	2088, 11514
Coyne, E. J.....	24983	Crisle, L.....	83-4, 5418, 9585	Cuccurullo, M.....	18865, 21019	Curry, M. H.....	23707, 23725
Crabb, G. A., Jr.....	27052	Crisler, O. S.....	3063	Cuenca, C. L. de.....	22453, 28678	Curry, T. G.....	4311, 18804
Craddock, G. W.....	1949	Crispo, C. F.....	15922	Cuenca, C. M. (hijo).....	28494	Curtin, F. J.....	28435
Craddock, T. H.....	28265	Crissey, A. N.....	16891, 22452	Cuenod, A.....	10454	Curtis, A. E.....	6493
Craft, J. H.....	10525	Cristobal, U. L.....	18054	Cuervo, F. G.....	27412	Curtis, D. E.....	23565
Craft, W. A.....	3033	Cristofolini, F.....	22051			Curtis, L.....	328, 8938
Crafts, A. S.....	9659-60, 21623	Cristel, S. J.....	17695, 22927, 22951			Curtis, M.....	15238
Cragg, J. B.....	3453, 17978	Croce, E. T.....	15923			Curtis, P. B.....	14978
Craig, E. E.....	18699	Croce, F. M.....	4262-3, 4344-5, 13555, 13637, 15963, 18850, 21296, 24212				
Craig, F. W.....	7926	Crocetta, M. L.....	14307				
Craig, L. C.....	12310						
Craig, W. N.....	10305, 21380						
Craighead, F. C.....	67						
Craigie, E. H.....	15213						



Item	Item	Item	Item
Curtis, R. W.....1430-1	Daniel, T. W.....20358	Davidson, H. R.....11394,	Dawson, H. A.....5768
Curtis Pub. Co. Res. Dept.	Daniel, W. S.....4983	14482, 18466, 19185, 19587,	Dawson, J. C.....7711
529	Daniels, G. S.....11090	22893	Dawson, J. H.....23648
Curtiss, W. M....4435, 8928,	Daniels, M. H.....5840	Davidson, J.....26482	Dawson, R. B.....10891
9721, 28480	Daniels, W. A.....23072	Davidson, J. A.17274, 27603	Dawson, R. F.....15705
Cushman, H. E....8929, 22710	Danin, E.....28730	Davidson, J. B.....3705	Day, D. I..1435, 3045, 4482,
Cushman, R. A.....3531	Danks, F. M.....1433	Davidson, J. L.....11654	7203, 12316, 16893, 22312
Cuss, J. F.....23018	Dannecker.....21031	Davidson, L. G.....11407	Day, E.....23524
Cussac, C. M.....15255	Dannemann, R.....15826	Davidson, M. T.....10008	Day, E. W.....24747
Cussler, M.....9980	Dannreuther, T.....3570	Davidson, O. G.....7337	Day, G. E.2525, 7305, 22455,
Cutak, L.....739, 26753	Dansereau, P.....1828, 5287,	Davidson, O. W..1041, 9697,	24352
Cuthbert, F. L.....6737	10192, 20685, 22073-4,	15417	Day, H.....26673
Cuthbert, M. J.....12756	26389, 29015	Davidson, R. S.....26333	Day, H. G.....5239
Cuthbert, N. L.....12756	Dantas, J. G.....18682	Davidson, W. A.....4631	Day, J. S.....11759
Cuthbert, R. B.....2590	Dao, V. T.....23288-9	Davidson, W. B.....7141	Day, K. H.....9748
Cuthbertson, W. R....24083	D'Apice, M....2461, 11857,	Davies, A. F.....8766	Day, R. L.....25210
Cutkomp, L. K.....22910	16991, 17634	Davies, G. W.....3034	Dayton, J. W....4312, 29182
Cuttell, J. R.....24025	Darányi, B. von.....3917	Davies, J. E.....9180	Dayton, W. A....740, 20686
Cutter, R. M.....25058	Darby, B. T.....28348	Davies, J. G.....4643	Deacon, G. E..815, 871, 1831
Cutting, C. L.....29039	Darby, H. A.....25177	Davies, J. L....3997, 8484,	Dean, A. L.....454
Cyphers, E. H.....26754	Darby, H. H.....5238, 9391	18546, 28575	Dean, F. W.....7006
Cypress, G. C.....25917	Darby, W. J.....29363	Davies, R.....18473	Dean, G. A.5339, 5590, 12379
Cyr, C. W.....5768	Dare, H. H.....1901-2	Davies, R. A.....13934	Dean, G. W....11474, 11534
Cyrus, W. F....1202, 10752	Darlan, L. A.....17553	Davies, R. O.....11680	Dean, H.....17464
Czettler, E. von.....4818	Darling, B.....8023	Davies, V.....24908	Dean, H. P.....10850
	Darling, D. B.....29404-5	Davies, W.....1203	Dean, J. D.....4175
	Darling, J.....10889, 16032	Davila, D.....16188	Dean, J. M.....19564
Dack, G. M.....4499	Darlington, C. D..20910-11	Davila, D. S..15924, 26871	Dean, L. A.....15638
Dadswell, H. E.....22038	Darlington, E. P.....3571	Davis, A.....12234, 14389	Dean, R. H.....12951
Daggy, R. H.....2322	Darlington, H. R.....1434	Davis, A. F.....8197	Dean, R. W.....12757
Dahlberg, A. C....3996, 7228	Darlington, H. T.....9685	Davis, B. F.....28866	Dean, T.....26829
Dahlberg, E.....15262	Darlow, A. E.....288, 5811,	Davis, C. C.....29056	Deane, G. N.....28867
Dahle, C. D. 8574-5, 28574	20338	Davis, C. D.....242	Dear, P. S.....16649
Dahlstedt, L.....16946	Darlow, H. M.....3572	Davis, C. H.....216	Dearden, D. W. 12288, 25095
Dahmen, H.....553, 26039	Darmady, E. M.....9414	Davis, D. E.....3629	Dearness, J.....19703
Dall, H. M.....18370, 19427	Darnell, Mrs. J. C..10890	Davis, E....20457-8, 20465,	Dearstynne, R. S.8930, 9450,
Daily, F. K.....793	Darpoux, H.....20762	22525, 25957	22660
Daily, W. A.....794	Darrah, L. B...3695, 15002,	Davis, E. M.....20085	Deas, S. P.....7031
Daines, R. H.....813, 6144,	25931	Davis, F. E....4437, 20066,	De Bellefeuille, R..19590,
15477, 20823-4	Darrah, W. C.....10092	25424	19674
Dairy Indus. Com....26009	Darrow, D. C.....14510	Davis, F. F...10575, 22788,	Deberti, M. J.....7007
Daji, J. A.....24396	Darrow, G. M...1376, 19971,	26862	Debrieu, R.....3854
Dakan, E. L....2769, 12142,	21320	Davis, F. L.....1829	Debroin, J.....8931
13088, 17371, 22711, 23566,	Darrow, M. S.....650	Davis, G. L.....27451	De Castella, F.....23925
27656	Das, B. M.....24375	Davis, H. A.....10191	Decker, B. E....9289, 24927
Dakin, M. E.....13160	Das, C. M.....21984	Davis, H. E....2110, 12731,	Decker, G. C.5577, 25862-3,
Dalat, Sir A.....25990	Das, N. B.....7140	18023, 25206	25868-72
Dalbey, C. W.....3080	Das, N. K.....21984	Davis, H. M.....14226	Decker, J. S.....19739
D'albora, J. B.....18417	Daskalov, K.....15606	Davis, H. P.....264, 27379	Decker, R. E.....21076
Dale, W. T.....6253	Dasmann, W.....1219, 10753	Davis, H. S.....8621	Decoux, L.....11143, 15575,
Daley, C. J.....13733	Dassat, P.....12233	Davis, J. C.....18902	15870-3, 15876, 16294,
Dalke, P. D.....23123	Dasso Drago, E.....8620	Davis, J. C. P. M....6495	21203-6, 27269-70, 28395
Dall, W. B.....13485	Dastur, N. N.....13363-4,	Davis, J. F....14758, 21765	Dedman.....29239
Dallari, G.....14308	13380, 13437, 13844, 23983	Davis, J. G....4091, 4438,	Dedman, J. J...13486, 24084
Dallas, E. D.....3400	Dastur, R. H.....20974-5	13365, 13377, 13408, 13429,	Dedrick, B. W.....8782
Dallimore, W.....22052	Datta, A.....20912	18621	Dedrick, L.....420
Dallin, D. J.....9873	Datta, J.....956	Davis, J. H....5126, 14016,	Deeder, C. M.....5309
Dalling, T.....2298	Datta, R. L.....15424	18547, 24660	Deems, H. W.....4952, 8198
Dallman, A. A.....20684	Datta, R. M.....6187, 15358	Davis, J. J.....9785	Deen, J. L.....6973
Dalma, G.....4623	Datta, S. C.....16266	Davis, K. C.....8902, 9114	Deerr, N.....4644, 24511
Dalrymple, G. H.....1432	Dauberschmidt.....17930	Davis, L. E.....6743	Deevey, E. S., Jr...17867
Daly, J.....11986	Dauberschmidt, K....27881	Davis, M. B....1289, 4346,	Deevey, G. B.....17867
Damasceno, R. G.....17980	Daun, G. E.....19322	14309, 23194	Defaye, J.....489
Dameron, K.....23831	Daunoy, H. L.....21383	Davis, M. M.....19588	Deflassieux.....24695
Dammert.....16386, 16947	Dauphine, A.....10093	Davis, P. O....19589, 27392	Degener, O.716, 5904, 10149,
Damonte, F. R...2638, 23235	Dave, C. H.....13418	Davis, R. W....18622, 20252	15344
Dampf, A.....28232	Davenport, C. K.....23184	Davis, R. S....5934, 10193	Deger, E.....6744
Danude, D. F.....16792	Davenport, E....334, 336-8,	Davis, V. H.....814, 6624	De Givé, M. L.....9980
Dana, H. J.....13114	341-3	Davis, W.....2155, 5056	DeGraft, H.....19475
Dana, S. T.....2049	Davenport, H.....1598	Davison, H.....437-8	DeGraft, H. F.14999, 26708,
Danby, D. C. E.....7336	Davenport, R.....4679	Davison, J. M.....2850	29226
Dancey, R. V.....28435	Davey, A. E.....5488	Davison, J. R.....16429	Degrully, P...13615, 14338,
Dancy, T. A.....8099	Davey, W. J. G..8883, 28917	Davtjan, E. A.....12261	14351
Daniel, P. de V.....16351	Daviault, L...3401-2, 7927,	Davy de Virville, A..14652	De Gryse, J. J.....2118
Danguonau, A.....13679	23469	Davydov, G. K.....26957	De Guerin, B. C.....11779
Daniel, D. M.....20327	David, R.....26481	Daw, F. C.....18683	DeHaas, J. A.....9874
Daniel, F.....18117	Davids, R. C.....11019	Dawe, C. V.....24043	Dehay, C..6188, 10083, 10455
Daniel, G. E.....23599	Davidson, B.....16187	Dawley, J. S.....14712	De Hossu, M.....1259
Daniel, H.....25169	Davidson, H.....17651	Dawson, E. Y...5992, 15390,	Deighton, F. C.....26278
Daniel, H. A....5545, 6893,		26261	Deitemeyer, C..11362, 27271
11361		Dawson, G. T.....1830	De Jong, W.....28931
Daniel, L.....14571			



Item	Item	Item	Item
Dejouany, L. P. J.....11619	Denmark. Landøkonomiske	Dewey, L. H.....8623	Dijkmans, G.....22828
De Klerk, J. C.....8622	Driftsbureau.....23848	Dewey, R. L.....3884, 24354	Dildine, S. C.....4496
De Kock, G.....2462	Denmark. Statistiske	Dewhurst, J. F.....29087	Dillier, J. D.....8291, 16313
Delamarre de Monchaux,	Departement.....28509-10	De Worms, C. G. M.....3573	Dillon, C. E. 18974-5, 19078
Comte...8932, 23143, 23152,	Dennell, R.....7693	Dewa, S. C.....18024	Dillon, E. S.....3403
23199, 23236	Dennington, A. R. 3933, 8230	Dexheimer, F. J.....22914,	Dillon, L. S.....3403
Delaney, D.....1599	Dennis, F. M.....357	23363	Dillon Weston, W. A. E....
Delaplane, J. P.....17312	Dennis, W. A.....17168	4483	3425
Delaporte, B.....10285	Dennis, W. V.....19591	Dexter, A. J.....1095	Di Lullo, J.....23019
Delarouzée, G.....25059-60	Dennison, H. E.....2375	Deyell, M. J.....3208, 5821	Dilwali, C. K.....17583
Delarouzée, M.....13680	Dennison, R. A.....1012	Deyoe, G. P.....19592	Dimidiano, A.....1205
Delarozzière, F.....24397	Dennison, W.....1204	De Young, J. S.....22084	Dimitri, M. J.....24398
De La Vega, R.....21855	Denniss, C. J.....24353	De Young, W.....20176	Dimitrov, K.....29184
Del. Agr. Expt. Sta. 226-7,	Denny, F. E.....26484-5	Deysenroth, C. F.....8541,	Dimitrov, P.....15587
5408, 9665, 24204, 25670-1	Denny, J.....7413	18593	Dimmock, F.....6385
Del. Univ. Agr. Ext. Serv.	Denoo, A.....17504	2305	Dimo, N. A.....11172
350-5	Dent, A.....20566	Dhanda, M. R.....16824	Dimock, A. W....6039, 26306
Delay, C.....10456-7	Denton, W. B.....4390	Dhar, M. L.....6699	Dimock, W. W.....2526
Delbruck, M.....973	DenUyl, D.....27161	Dhar, N. R.....11409-10	Dingwall, A. C....4074, 4107
Delève, J.....28031	Deonier, C. C.....12732-3,	Dhar, S. M.....22225	Dingwall, A. R.....21711
Delfor Ferro, H.....4680	12751, 27882, 28106, 28111,	Dharmani, L. C..7226, 11837	Winhauser, F.....22369
Delgadillo, .....21652	28126	Dhayagude, R. G.....17113	Dinissowa, N.....8043
Delisle, R.....2045, 2119	Deoras, P. J.....23237	Dhien, R.....10150	Dinsa, H. S.....24026
Dell, P.....17112	Depardon, L....11020, 11187,	Dholakia, H. L.....9928	Dinsmore, W.....2618, 22574
Dellazoppa, J. G....21048,	14622, 16189, 21726	D'fachenko, A.....16492	Dintelmann....22056, 22090,
21192	DePetris, V. R.....1436-7,	Diago, R. E.....13935	22155
Dellenbach, P.....28324	6496, 15768, 21387	Dias, J. de O.....20893	Dionne, J.....22091
Dellepiani Galli, A. de...	De Quincey, S.....19428	Dias, V.....27064	Dirks, C. O.....23259
2627, 22548, 22576	Derby, R. I.....8792	Díaz, F. A.....17635	Dirks, H.....2591
Delmas, R.....23153, 23470,	Déribéré, M.....19136	Díaz A., F.....24584	Disbrow, C. H.....29002
28177	Derick, R. A.....1146	Díaz Compain, J.....13936	Di Tella, T....19267, 28511
Delmonte, J.....22137	Dermen, H.....15576	Díaz Durán, J.....21653	Ditman, L. P....3129, 12412,
DeLoach, D. B.....8399	De Ropp, R. S..7142-3, 7255	Díaz Galindo, F. M....19593	12450, 12758
DeLong, D. M....8050, 23362	Derr, E. B.....3718	Díaz Lombardo, A.....8431	Dittes, H.....7845, 17515,
DeLong, W. A.....1754	Derrick, B. B.....13398	Díaz Rodríguez, J.....5018	23600
Delorme, G.....20057	Derrien, Y.....17186-8	Díaz Romero, E.....6384	Dittmer, H.....5729
Deloustal, J.....28037	Derteano U., C.....11021	Díaz Soler, A.....4709	Dix, W. L.....10245
Deluech, R. P.....23959	Desai, M. B.....29086	Díaz Yolde, J. A.....17158	Dixey, R. N.....24662
Delph, A. E....13487, 24081	Deschamps, P.....7928	Dicenty, D.....13556	Dixon, G. R.....3044
Delupis, S. D. di....18994	Deschênes, M.....22109	Dick, A. T.....22189	Dixon, E. W.....2376, 2986,
Del Vecchio, V.....23323	Deschenes, S. M.....23073	Dick, J. B.....18684	16794
Delworth, C. I.....21224	Deschiens, R.....27790	Dick, N.....2657	Dixon, H. N.....10032
Demange, J. M..7886-7, 7911	Descole, H. R.....4624	Dick, R. D.....28178	Dixon, K. R.....2851
Demare, J. B.....26334	Deshpande, A. K.....28691	Dicke, R. J....23363, 28077	Dixon, W. H.....8307-8
Demaría Massey, D. 10754-5,	Desikachary, T. V....26335	Dickerson, I. W. 8174, 23649	Dolan, F. J....14572, 25773,
15902	De Silva, B. L. T....6234	Dickerson, J., Jr....8257	28600
Demchenko, A.....3024	De Silva, C. A.....11091	Dickerson, J. H.....29183	Doane, D. H....3934, 28266
De Meillon, B..23324, 28105	Desio, A.....16430	Dickerson, W. H., Jr. 20456	Doane Agr. Serv.....5730
De Ment, J.....3874-5	Deslandes, A.....27978	Dickey, J. B. R.....1133,	Dobbins, T. N.....3414
Demerec, M.....1024, 1061	Deslandes, J. A..816, 26336	21077, 26858	Dobert.....15752
Demers, A.....1963	Desmoulins, A.....489	Dickie, F.....11542	Dobie, Mrs. J. F....27111
Demers, L.....12472	Desnuelle, P.....28227	Dickins, D. 5241, 9171, 24661	Dobignies, A..13734, 17554,
Demichelis, L. A....22558	Desprez, F.....21207	Dickinson, C. L.....2424	18903
Demidenko, T. T.....26483	Desrue, A.....24147	Dickinson, D....18418, 18456	Dobignies, J..13734, 17554,
Demidov, S.....29136	De Terra, H.....8024	Dickinson, E. M.....2770	18903
Deming, G. W.....1274	D'Eitigny, J.....6803	Dickinson, W. E.....4645	Doblin, E. M.....14369
Deming, W. C.....21385	Detinova, T. S.....8025	Dicks, W. J. H. 3315, 12473,	Dobrokhotoy, V.....8783
Demke, A. H.....27713	DeTurk, E. E.....20279	17766	Dobzhansky, T.....23277
Denlow, M. J.....19043	Detweiler, D. K.....2299	Dickson, A., Jr....16155	Dodd, D. R.....16352
Demodecs.....2305	Detwiler, J. D.....5267	Dickson, A. D..10514, 15490	Dodd, N. E.....5369
Demolon, A. 1011, 5862, 9181,	Deuel, H. J., Jr....5240,	Dickson, J. G....85, 20768-9	Doddridge, A. T.....1600
10014, 10047, 11127, 11144,	25096	Dickson, R. G.....23384	Dodds, C. L....4046, 28596
11171, 11186, 11202, 11245,	Deulofeu, V....10613, 10619	Dickson, R. E.....25793-4	Dodds, H. H.....4647
11408, 11425, 16307, 16318,	DeVault, S. H.....4264,	Dickson, W.....21856	Dodds, K. S.....20942
16551, 21762, 21766-8,	20291-2, 24638	Dicus, A. W.....19833	Dodds, P.....9984
21900, 21945, 21947, 21985,	Devereux, R. E.....20173	Diebold, C. H.....14904	Dodge, B. O....5885, 26127
26958	Devita, J.....16793	Diehl, H. C.....19886	Dodge, E. S.....5896
Demolon, J.....13038	Devlin, C. E.....16705	Diehl, W. W.....5999	Dodge, H. R.....23325
Demonet, J. A.....21386	Devoe, A.....3505	Diemer, A.....5127, 14448,	Dodge, J.....465
Demortier, G.....27086	DeVol, C. E.....20724	23813, 24696	Dodge, J. C....1601, 12397,
Dempsey, M.....18973	Devore, F.....7656, 17602	Diener, H.....10407	25956, 28731
Dempsey, P. W....6446, 6625	Devore, P. T....4313, 28785	Dies, E. J.....18995	Dodge, N. N.....6145
Denbigh, B. R.....24928	Devos, P.....13994	Dieterich, V.....15250	Dodson, G. M.....12916
Dencker, C. H....9920, 15147	Devoto, F. E....2081, 2103,	Dietrich, G.....12235	Dodwell, B.....19532
Denhardt, B....7398, 22574	11504, 13210, 15993, 16267	Dietrich, S. De R..29262	Doehlert, C. A.....9702
Denis, J....12566-8, 23102,	De Vries, A. H.....3454	Dietz.....22894	Doehner, H.....9968, 12289
27994	D'Ewart, W. A.....16431	Dietz, M. A.....22089	Doello-Jurado, M.....26626
Denis, L.....23768	De Wet, A. F.....1343	Dietz, T. J.....24485	Doermann, A. F.....21388
Denis, R.....12896	De Wet, H. D.....19266	Diez Mori, A.....17372	Doflein, F.....5871
Denlinger, M. G.....2580	Dewey, J.....20472	Digaud, A.....9455	Dogel', V. A.....26102
Denman, C. B.....24459	Dewey, J. E.....3127-8	Digby, M.....9331	Dofarenko, A. G.....11418



Item	Item	Item	Item
Doisy, E. A., Jr.....19797	Dorrance, A.....617	Draper, C. I..11655,14969,	Duggan, I. W.....111,9233,
Dojmi di Delupis, S.....	Dorré, G.....24627	22633,27657	14227,19186
15925-6	Dorsey, L. M...8516,14512,	Draper, G. C.....27090	Duggar, B. M.....15645
D'Oliveira, M. de L..26376	23984	Drechsler, C.....6189	Dughi, R.....6191
Doljanski, L.....7486	Dorsey, M. J.....6426,8682	Dreibelbis, F. R....16287,	Duke, K. L.....2593
Dollear, F. G.....28951	Dorsinai, Z.....27393	26890	Dulac, J.....10576
Dollfus, R. P.....7888	Dos Passos, C. F..28179-80	Dresden, C. O.....12474	Duley, F. L....1742,14919
Dolson, L. J.....26755	Dosdall, L.....6091	Drew, E. L.....8831	DuMars, M. L..5350,5352-61
Dolzhenkii, L.....27272	Dose, V. G.....4766	Drew, K. M.....6190	Dumas.....13597
Dombrowski, E.....23650	Dosker, C. D.....27205	Dreyer, J. A.....4904	Dumbleton, L. J.....22933,
Domingo, J.....28430	Doss, K. S. G.....16291	Driftmier, R. H...12917-18	28033
Domingo, W. E....974,6213,	Dossin, C. O..3807-8,24460	Drilhon, A....28158,28172	Dumm, M. E.....7809
26651	Doty, D.....5128	Driver, C. E.....13336	Du Mond, C.....24642
Domingues, A.....10094	Doty, D. M.....14976	Driver, R. L.....2592	DuMond, C. C.....18615
Domingues, J. H. C...14483	Doty, R. E.....26307	Drookin, V. H.....15227	Dumser, D. W.....6398
Dominican Republic.	Douarche, L.....13290	Drouineau, G.....11145-8,	Duncan, A. J.....663
Comisión de Defensa del	Doucet, Mme. H.....19675	16295,21847,22932,26915	Duncan, C. E.....4943
Dafé y del Cacao...14707,	Douchez, Y.....15479	Drow, J. T.....9602	Duncan, C. W.....7279
15174	Doud, Mrs. F.....20086	Drozdetkii, P. A....26888	Duncan, G. M.....13291
Dominican Republic.	Doudna, Q.....29280	Druce, J. G. F.....4648	Duncan, J. E.....24322
Secretaría de Estado de	Douglas, A.....24000	Druce, P. C...12996,18222,	Duncan, O. D.....5057
Agricultura, Industria y	Douglas, A. P.....11571	18867	Dunckelman, P. H.....6389
Trabajo. Sección de	Douglas, F.....10892	Drullard P., E.....6771	Duncomb, M..1441-2,10894-5
Estadística.....18866	Douglas, G.....6497	Drummond, J. C.....4872	Duncomb, Mrs. R. J...16036
Dominican Republic.	Douglas, J. R..18182,22456,	Drummond, O. A.....817	Dundas, J.....2104
Secretaría de Estado del	27340-1,27452	Drummond, W. C..1013,6235,	Dunez, A.....11171,16307
Tesoro y Comercio...29098	Douglas, S. W.....17123	16035,20976,26901	Dungan, G. H...14974,25713
Dominicia, de.....24383	Douglass, E. J.....29443	Drummond, W. M..4721,24697	Dunham, C. W.....20513
Dominicia, A. de....10045,	Douglass, J. R.....25264	Drummond-Gonçalves, R....	Dunham, R. S....6314,6320
21727	Doulat, E.....10471	15534	Dunham, W. E.3210-12,12476
Dominicia, L. de....16795	Dove, M. A.....9439	Drury, A.....2221	Dunk, M. R.....14391
Donà dalle Rose, A...8903,	Dove, R. F.....9439	Drury, N. B.....15311	Dunker.....21769-70
10528,10791,11188,11298	Dove, W. E.....5388	Dry, F. W.....27807	Dunker, R.....16354
11316	Dow, B.....11780	Drybread, W.....11907	Dunkle, M. B.....15562
Donagaray, F....4484,5164,	Dow, G. F..3998,4762,8548,	Dryden, H.....7414	Dunklee, D. E.....9745
24367	14984-5,23960,24001,	Duarte, C.....14390	Dunkley, W. L.18606,23889,
4998	24663,24824	Duarte, P. J.....21688	28636
Donald, C. M.....4998	Dow Chem. Co.....25223	Duarte, V. C.....14121	Dunlap, G. H...4187,26011
Donald, H. P..7204-5,8861,	Dowd, L. R.....4092	Dubaquie, J....26308,26337	Dunlap, H. G.....4763
28896	Dowd, M. T.....20566	Dubarry.....23239	Dunlap, V. C.....10043
Donald, L.....11246	Dowden, P. B.....5407	Dubé, A.....9332,11625	Dunlavy, H.....20336
Doneld, M. N.....2987	Dowe, R. H.....10652	Dubé, Y.....11626,14449	Dunn, D.....14992,19968
Donaldson, R. B.....24184	Dowell, A. A..4502,24618,	Dubey, D. S.....9116	Dunn, F. W.....5768
Donaldson, R. W...11247-8,	29256	Dublin. Nat. Mus. of	Dunn, G. E.....21857
16353	Dowell, O.....5197	Ireland.....618	Dunn, L. E....11189,26959
Donatien, A.....22428	Dowling, A. P.....22138	Dubois, L. de G.....11620	Dunn, L. T.....18433
Donato, L.....24399,400	Dowling, A. V.....3209	DuBois, W. L..12475,23020	Dunn, P. M....16655,27246
Donelson, E. G.....14511	Downer, A. W. E.....9431	Dubost, P.....489	Dunn, R. C.....12437
Doner, M. H.....12759	Downer, E. E....1439-40,	Dubourg, J....13937,14654	Dunn, S.....20307
Donery, J. A.....2070	6498-500,14653,16033,	Ducci, H.....7339	Dunn, W. E.....18433
Doney, C.....22227	21393-4,26757	Duchesne, J. E.8774,13596,	Dunne, T. C.....818
Doney, C. F....1438,21389	Downes, J.....14513	18761	Dunnigan, J. H.....19740
Donisthorpe, H. 3404,3533,	Downes, W. F.....6265	Duck, J.....9290	Dunning, J. W.....14755
7929,8072,17931,18081,	Downey, J. E.....4391	Duck, R. W.2463,2619,7666,	Dunscomb, Mrs. R. J...6501
23238,28032,28161	Downey, L. A....3081,8830,	11831,22559,27777,27829	Du Flessis, A. J....3918,
Donisthorpe, H. S. J. K...23421	12317,17652,18904,18945	Duckham, A. N.....25097	8719
Donna, G.....9914	Downie, C. C.....8624	Duckworth, J.....11656	Du Flessis, P. H. C..22712
Donnalley, J. R., Jr.12995	Downing, F.....16034	Ducoff, L. J.....9088	Du Flessis, S. J.819,15426
Donnelly, W.....10529	Downs, P. A.....266	Dudik, G. F....15201,21208	Dupont, F.....12818
Donnet, T.....2771	Dowsett, C. P..5165,18760,	Dudley, F. J..17256,17300,	Dupont, G.....24289,24555
Donno, G.....20687	18829,29137	17302	Dupre, H.....5869
Donohoo, H. A.....445	Dowsett, W. T.....23849	Dudley, J. F.....17829	Du Freez, D.....26710
Doole, L. E...13251,23710,	Doyle, C. B.....19972	Dudley, L. B.....10893	Dupuy de Lome, C....14071
28349	Doyle, D. V.....9602	Dudley, R.....28293	Duque, J. P....1702,9117,
Doolin, R. J.....7227	Doyle, H.....22829	Dudley, R. H.....4728	16268
Doolittle, S. P.....6158,	Doyle, L. P.....12334-5	Duff, G. E.....2143	Duque Jaramillo, J. M.5841
10627,26377	Doyle, T. M.....22226	Duff, J. F.....4873	Duraiswami, S. V....19187
Dooman, E. H.....9115	Dräger, K.....17116	Duff, M.....18685	Durán, J. J....17375,22400
Doran, W. L...15478,21390	Drage, C. M.....331,347,	Duffee, F. W.....8231	Durán M., L....3406,3534,
Dorasami, L. S.....20913	20379-80	Duffus, U. H.....8384	23364
Dore, V.....18487	Draghetti, A..6943,10530,	Duffy, D. J....2005,6925,	Durante, D.....6735,11299
Dore, W. G.....741,11095	11830	11395	Durante, S.....15927
Doremus, M.....5628	Drain, M.....21969	Duffy, E.....22790	Durham, C. B.....11572
Dorer, R. E.....18025	Drake, C. J.18055,28134-5,	Duffy, E. A. J.3405,17932,	Durham, W. L.....4905
Dorman, C...19861-2,25213,	28139	23154	Durhan, S.....27273
26756	Drake, N. L.....22951	Dufour, A.....12405,21225	Durrant, J. M.....22539
Dorman, K. W..15747,16684,	Drake, R. M.....10531	Du Frane, B..14122,19323,	Durrell, G. R.....27170
26554,26562	Drake, T. G. H.....9428	24929	Durrell, W. B.....7449
Dormer, K. J.....10458-9	Drake, V. C.....994	Dugan, S. V.....3935	Dusi, H.....10567
Dormon, C.....21391-2	Dransfield, J. W....27612	Dugand, A.....20688	Dussault, H. P.....22934
Dornbush, A. C.....22638			Dusseau, A.....6236



	<u>Item</u>		<u>Item</u>		<u>Item</u>		<u>Item</u>
Dusseaulx, R.....	638	Dutilly, Père A.....	717	Dutton, W. C.....	820,1344	Dye, M.....	5242
Dussy, J.....	12623	Du Toit, A. G. S.....	14514,	Duval, G.....	8085	Dyer, B. W., & Co.....	8973
Dustman, R. B.....	10620		19429	Duval, E. M.....	25016	Dyer, R. F.....	28250
Dutch Guiana, Agr. Expt.		Du Toit, E.....	11058-9	Duyck, L. H.....	6856	Dykema, P. W.....	5673
Sta.....	603	Du Toit, J. F.....	12290	Dvoichenko, I. I.....	4764	Dyksterhuis, E. J.....	1014
Dutcher, R.....	15827,26960	Du Toit, R.....	26961	Dvoracek, D. C.....	8625	Dykstra, R. R..	16796,27299
Dutcher, R. A.....	3054	Dutt, C. P.....	10009	Dworkin, S.....	14392	Dykstra, T. P.....	19894
Dutfield, H. T.....	28616	Dutt, N. C.....	5198	Dwyer, J. D.....	20689	Dyment, J. N.....	23074
Dutilloy, R.....	13938-40	Dutton, W.....	12477	Dyck, D. van.....	20577	Dymond, G. C.....	6159



Item	Item	Item	Item
Eaker, C. M.....22951	Edgerton, L. J.....9697,	Eisner, C.....18118	Ellis, O. B.....16894
Eakin, W. E.....12406	9699	Eke, P. A.....5058,14970	Ellis, P.....4385
Eales, H. C.....4146	Edgington, G.....26544	Ekstedt, G.....23471	Ellis, R. B.....27660
Eames, A. J.....10532	Edinburgh. Vet. Dept.....	Eksteen, L. L.....15753,	Ellis, R. H.....1445
Eames, L. W.....27658	18958	21771,27112	Ellis, R. W. B.....29364
Eames, T. A.....3720	Edison Elect. Inst...13126	Ekström, B.....24986	Ellis, S.....11703
Eames Inst. of Poultry	Edlin, H. L.....20894	Elazari-Volcani, Z...15481	Ellis, V. A.....27394
Technol.....15223	Edman, M.....29447	El-Chazli, R.....1260	Ellis, W., Jr.....28732
Eardley, C. M.....1206	Edman, R.....8199,12952	Elcock, H.....21772	Ellis, W. J.....24101
Earl, M.....12919	Edmeades, D. T.....17753	Elcock, H. A.....8232	Ellison, B. R.....15577
Earley, E. B.....26486	Edminster, T. W.....27052	Elder, C.....3063	Ellison, L. A.....5306
Early, E. J.....29066	Edmond, J. B.....232,5337	Elder, C. R.....1345,3035	Ellison, N. F.....20636
Easlea, W.....1443	Edmonds, A. G.....18379	Elder, J. S.....22422	Ellison, W.....1209
East, H. R.....5807	Edmonds, C.....3885	Eldredge, I. F.....2051	Ells, H. E.....13162
East India Cotton Assoc.,	Edmonds, E. V.....27830	Eleazer, J. M.....7399	Ellsworth, H.....7098
Bombay.....28670	Edmondson, W. O.....9854	Elcizalde, L. M. de...26095	Ellsworth, Von T.....4744
Easterbrook, L. F...13409,	Edmonson, N. V.....2194	El Hagri, M. A. A. M...2466	Elman, R.....9416
13430,14123,15124,	Edmonton, W. E.....12624	Eliaeson, S.....19079	Elmes, B. G. T.....3366
18594,19556,21141,	Edmunds, C. C.....2620	Elias, A. M.....14484	Elpidina, O. K.....11704
21986,24698,24984-5,	Edmunds, F.....6502	Elias, M. K.....1779	Elrod, J. C.....14967
26107,29138,29308	Edmunds, G. J., Jr...18179	Elijah, H. D.....3036,	El Salvador, Departamento
Easterby, J. H.....20483	Edmundson, W. C.....9,821,	13784-5,17603,27808	de Exportaciones de
Eastern States Chrysanthemum Soc.....14708	1903-4	Elion, E.....18868	Café.....25030
Eastern Steel Prod. Ltd...15148	Edson, J. N.....18417	Eliseu, H. da. See Silva	El Salvador, Ministerio de
Eastlack, J. O.....18549,	Edwards, A. D.....9735	Eliseu, H. da.....26062	Hacienda.....23900
28617	Edwards, C. L.....22577	El Itriby, A. A.....7204	Elsworth, C. W. T....2378
Eastman, E. R..9182,14393,	Edwards, D. C.....10010	Elkin, H. A.....13489,24081	Elsworth, R. H.....5129,
24628	Edwards, E. E.....3213	Ellenberger, W.....15216	14450,24290,24987
Eastman, S. C.....9089	Edwards, H. T.....18686	Ellenby, C.....6168,26385	Elton, J. W.....4765
Easton, C. H.....26758	Edwards, J.....568	Ellenwood, C. W.....6804	Elvehjem, C. A.....2739,
Easton, W. H.....8175	Edwards, M.....1004	Ellery, J. W.....7846	8533,9427,14597
Eastwood, A.....742,5905,	Edwards, N.....23022	Elles, G. L.....25195	Elwell, H. M.....5545
5935,15359	Edwards, P. R.....2772	Ellet, W. B.....232	Elwell-Sutton, L. P...15126
Eastwood, H. S.....3999	Edwards, S. A.....13892	Ellicott, P.....5632	Emanuel, V.....4750,14059,
Eaton, Mrs. B. F. E...12252	Edwards, S. J.....7255	Elliker, P. R.....13367	19676,24988,29099
Eaton, F. M.....10533	Edwards, W. H.....3130	Elling, C. G.....3026,5811	Emberger, L.....10095-6,
Ebaugh, C. D.....29281	Effern, J.....9415	Elliott, A. G.....11411	10461-2,29471
Ebbs, J. C.....8388	Efferon, J. N.....9678,	Elliott, C.....6092,16552,	Emelen, A. van.....23023
Ebeling, W.....15928	24825	27253	Emel'ianov, I.....29109
Eberle, A. M.....19594	Efron, D.....14017	Elliott, E. A.....22844	Emerson, A. W.....3667,3706,
Eberle, G.....7988,8100,	Efron, E.....27851	Elliott, F. A.....2948	3721,6857,11365,
10896-901,12819	Egdell, J. W....4041,23988	Elliott, F. F....4886,5199	11760,16493,18223,
Eberle, H. F...4392,6894,	Egehoj, J.....2464	Elliott, H. G...1147,1207,	18260,21859,23602,
11363	Egerton, J. R.....12291	2026,21145	23634,27053,29438
Eberly, N.....7008,11364,	Egger, E.....6503	Elliott, I. L.....11411	Emerson, S.....975
16645	Eggers, E. R.....1315	Elliott, J. A.....15828	Emery, K. M.....11549
Ebersole, J. C.....8217	Egli, C.....3025	Elliott, J. A.....15828	Emery, W. B.....14563
Ebert, M. H.....19741	Egli, K.....22843	Elliott, N. R.....1444	Emley, W. E.....15181
Ebright, R. E.....22227	Egorov, A. A.....28526	Elliott, R....5569,9771-2,	Emmel, M. W.....2853
Echegaray, M. de....10688	Egorov, I.....2006	25815	Emmerling, A. M.....11475
Echeguren, R. A.....17169	Egypt. Min. of Pub. Health	12920	Emmert, E. M.....1015
Echenique, J.....19324	19595	Ellis, B. R.....27185	Emmet, R. N., Sr....4909
Echenique L., J....9333-4	Eheart, J. F.....231	Ellis, B. S.....11203	Emmett, A. D.....22630
Echeverria, E. A....24699	Eheart, M. S.....25098	Ellis, C.....24701	Emminger, A. C.....2639
Eckard, W.....19325	Ehrenberg, P.....6745-6	Ellis, C. C.....27659	Emmons, R. E.....7339
Eckblad, I. M.....333,	Ehrlich.....11908	Ellis, D. E....6000,25761	Emory Univ.....12699
15040-2,15044-7,	Ehrlich, C.....9957	Ellis, D. M.....29185	Empire Cotton Growing
15050-4	Ehrlich, H.....8147	Ellis, F. E....1148,1208,	Corp.....15806
Ecker, F.....7619	Ehrlich, R.....27883	1804,1832,2730,2852,	Empringham, J.....20591
Eckert, J. E.....23021	Ehrman, F. C.....18010	4572-4,4819,4953,	Empson, D. W.....12820
Eckles, C. H.....11832	Ehwald, E.....20895	12143,19080,19430,	Emrich, O. T.....19484
Eckley, N. O...16247,24930	Eichhorn, A.....10460	21858,23365,28966-8,	Emslie, A. R. G.....7447,
Econ. Equity, Ltd....15125	Eichler, W.....3487	29139-40	16754
Econ. Res. Group.....20484	Eickmann, H....11781,22401	Ellis, G.....17227	Emslie, B. L...16948,27274
Ecuador, Ministerio de	Eickner, H. W.....20087	Ellis, H. S.....14485	Emslie, L.....1833,6805
Economía.....20530	Eide, C. J.....908	Ellis, J. M.....18010	Emsweller, S. L....14882,
Dirección General de	Eide, P. M....12732,28106	Ellis, J. W.....7180	15578,21396,21517
Estadística y Censos...14709,25224	Eifert, V. S.....789	Ellis, L. B.....324	Emür, O.....3214
Eddy, B...7694,17667,27946	Eifrig, C. W. G.....5906	Ellis, M. G....2377,2621,	Encke, F.....10902
Ede, W. E. M.....12528,	Einerson, W. J.....2465	3046,4000-1,4069,	Ender, C. A.....7605
23075-6	Einstein, H. A.....25631	4265,4347,4393-4,4503,	Endrigkeit, A.....17170
Edees, E. S.....718,20690	Eire. Dept. of Agr...11444,	4632,4908,5059-61,	Enfield, G. H.....9777
Eden, A.....7634	11657,11858-9,11909,	5166-7,6237,8683,	Engel, A.....10097
Eden, T.....26859	13488,15480,15548,	11300,13127,13161,	Engel, E.....17159
Edgar, A. D.....20335	15769-70,17767,17868,	13718,13893,26566,	Engel de Janosi, K. E....11580
Edgerton, C. T.....7657	24700	28654,28910,29082,	Engelking, R.....19543
Edgerton, C. W.....6389	Eire. Figs and Bacon	29141	Engels, O.....21773,21928,
	Comm.....24323	Ellis, M. K....1316,26690	21987-9
	Eisenberg, W. V....13292,	Ellis, N. R....2418,9532,	
	20743	14730,20349	



Item	Item	Item	Item
Engene, S. A....4766,13089, 28373,28655	Escudero, P.....14203, 14516-17,25061	Evans, W. S., Statis. Serv.....490	Faludi, E. G.....27213
England, W. H.....12407	Escuela Especial de Inge- nieros de Montes, Madrid. 25232	Eveleth, D. F.....3001,22661	Famularo, N.....9076-7,9183
Englehorn, C.....14919	Eshleman, R. F.....20280	Everest, D. C.....11596	Fang, C. T.....907,10382
Engler, A.....10011	Eskeu, R. K.....8592	Everett, A. C.....13681	Fang, S. H.....23213
Engler, K.....14964	Eslick, N. V.....12529	Everett, C. K.....4178,24085	Fanshawe, M.....9938
Englert, R. D.....27226	Esmond, C. W.....13339,24013	Everett, H. E.....12953	Faravelli, A. C.....3906
Englerth, G. H.....5461	Espinoza Toro, R.....822, 21946	Everett, P.....872	Farber, E.....2156
Engles, V.....29309	Esplin, A. L.....22370	Everett, T. H.....1448, 6504-5,10905-6, 11249,15269,21399-400, 21728,26069-70,26760	Fardon, J. C.....6239
English, H.....15482	Esquivel Richmond, E..... 16730	Everett, T. W.....28294	Fardy, A.....15579-80
English, R. E.....23024	Esselen, W. B., Jr...3724, 9681,13268	Everill, K.....11705	Farbrother, T. H.....11597, 16693
Englund, E.....8368,9598, 18402	Essex, W. J.....3811	Everly, R. T.....9543	Fargher, R. G...8627,18690
Enigk, K.....16797	Essig, E. O.....18056,23366, 28136	Evers.....16604	Fargo, J. M.....15028
Ennever, W.....24401	Esson, J. B.....5886	Everts, A. B.....22085	Farias Alem, R.....17768
Enriquez, R.....13198	Esson, J. C.....677,1446, 1524,21397,26759	Everts, F. S.....13977	Farish, L. R.....231,5515, 8200
Enriquez Frodden, R...11396	Estefanell, C. N.....24010	Evrard, F.....14655	Farley, A. J....4314,19268
Enslin, J. R.....27766	Estes, G. C.....23576	Ewan, J.....5936,10194	Farley, F. W.....27342
Ensminger, D.....20013-14, 20476	Esteves, E. M.....28576	Ewer, R. F.....23155	Farling, H.....18810
Ensminger, J. D.....14819	Estrada, M.....1149,15829	Ewing, C. O.....6701	Farm Bur. Mangt. Serv.... 25689
Ensminger, L. E.....21774	Estrada L., A.....26902	Ewing, G.....16037	Farm Credit Admin. of New Orleans. Div. of Res.... 5008,19222-3, 19544-6,24885
Ensminger, M. E.....2442, 4439,7665,13735, 17621,20358	Estrop, L. P.....9059	Ewing, H. E.....3367	Farm Impl. News Co....9915
Entzminger, Mrs. A...10903	Esty, J. B.....3723,5243	Ewing, J. T....4967,13252, 21558,29310	Farm Press Forest Prod. Com.....15251
Enzie, F. D.....17636-7	Etchecopar, J. A....10792, 26581	Ewing, K. P....12831,28137	Farmer, A. E.....26163
Enzler, K.....7774	Etchegoyen, F.....27579	Ewing, Q.....24702	Farmer, F. A.....14518
Epp, A. W.....4395	Etchells, J. L.....5503	Exline, H.....17869	Farmers Bank of China. Dept. of Econ. Res.,29501
Epple, Mrs. J.....16895	Etcheverry, F. J....14358	Eyer, J. R.....23473	Farmers' Club, London..... 19389
Epsilon Sigma Alpha...10065	Etheredge, M. P.....28822	Eylar, Mrs. F. B....21401	Farmers Grain Dealers Assoc. of N. Dak....28823
Epstein, J. A.....7258	Etter, A. F.....6442,21312	Eyles, E. D.....23240	Farmers Union Jobbing Assoc.....19677
Epstein, W.....6192	Etter, H.....6238	Eyre, F. H....9608,16605, 21047	Farnar, D. S....3488,28121
Erasmus, J. C.....26962	Ettien, Mrs. I. E....7631, 27803	Ezcurra, F. L.....29040	Farnham, C. H.....25705
Erb, J. H.....13410,24027	Ettinger, A.....9291,29143	Ezekiel, M.....40-1,9118, 14125,20485	Farnham, R. B.....5635, 6840,9813
Ercolani, V.....14124	Ettinger, J.....6626,16190	Ezekiel, W. N.....873	Farnsworth, Mrs. H..... 2854-6,8309,17377, 22713-14,27613
Erdmann.....4820	Eudaly, E. R.....7117	Ezell, B. D....13629,24208	Farnsworth, H. C.....5773
Erdmann, F.....2300	Eulan, H.....19548	Fahraeus, G.....11173	Farnworth, C. H.....708, 11022
Ericksen, S.....9979	Euler, H. V.....15706	Fabian, F. W....4378,5503, 8459,8489	Farquhar, A. J.....24291
Erickson, A. W.....15268	Evans.....22494	Fabinyi, R.....4179	Farquharson, J.....11860, 22228,27292
Erickson, E. C. O.....5432	Evans, E. E.....22057	Fabra Rivas, A.....24990	Farr, H. W.....13736-7, 18905,24324
Erickson, E. L.....3722	Evans, E. H....1275,21398, 26830	Fabricius, A. von...13941	Farrankop, H.....217-18, 20247,20249-50,20252
Erickson, T.....17696	Evans, E. I.....5220	Fabricius, L.....10653	Farrant, J. H.....19485
Erickson, T. A.....8176, 14396	Evans, E. V.....16755	Fabry, S.....8777,13671-2	Farrar, C. L.....17769
Ericson, M. H.....13894	Evans, Edward S., Trans- portation Res.....15149	Facca, U.....9914	Farrar, M. D.....25866
Ericsson, C. O.....3650	Evans, F. A.....25062	Faccino, A.....14574	Farrell, F. D.....5496
Ericsson, E.....18297	Evans, F. G.....21227	Fadden, A. W.....14206	Farrell, G. E.....9951
Ericsson, G.....21078	Evans, F. R.....939	Faelli, F.....5808	Farrelly, W. M.....18457
Erijman, M.....15981	Evans, G.....29472	Faes, H.....26071	Farrer, K. T. H.....25100
Erikson, D.....6146,15535	Evans, Sir G.....1593	Fassler, U.....3215	Farrier, C. W.....8292
Erikson, G.....18324,23472	Evans, H. O.....10904	Fassard, A.....2046	Farshler, E. R.....5809
Eriksson, G. A.....29142	Evans, J. B.....1210	Fagan, F. N.....8335	Farwell, J.....477,20470-1
Eriksson, K.....15217	Evans, J. H.....1447	Fagerlind, F.....20914	Fassett, N. C.10195,20691
Eriksson, S.....2658,16949	Evans, J. W.....17697,18687	Fagniez, C.....12625	Fast, B.....28457
Erikson, S.....29227-8	Evans, M.....9715	Fagundes, N. P.....26338	Fattig, P. W.....12699
Erith, F. H.....29227-8	Evans, O. B.....27475	Fahney, J. E.....8126	Fauber, H.....1151
Erljman, M.....1805,21860	Evans, O. O.....2683,17376	Fahmy, H.....24402	Faught, M. C.....4633
Ernenwein, R. P.....11910	Evans, O. R.,2237,2379-81, 3886,4002-3,4177, 4266,5063,5130, 13163,14486,18403, 22845,25031,28734, 29240-1	Fairbank, J. P.....15032	Faulkner, R. F...3840,15639
Ernesto Riveros, J...11128	Evans, R. G.....15022	Fairbanks, E.....14712	Faust, E. C.....23326
Ernould, L....15575,15876, 21206	Evans, R. H.....22145	Fairburn, D. C.....6506	Faust, H.....330
Ertel, H.....9981	Evans, R. J.....9417,11658, 22634,25099	Fairburn, E.....12626	Fauver, J. R.....16432
Erwin, A. T.....10043	Evans, R. M.....2052	Fairchild, D.....21265	Favard, P.....23474
Esaulov, P.....7620	Evans, T. R.....27054	Falcioni, A. C.....8832-3, 16798,27802	Favilli, N.....16799-800, 17516
Escaffre, A.....13293	Evans, W. R.....17798	Falcone, N. F.....17065	Favor, H. H.....18986
Escallier, R.....10034		Falcone, N. G.....8559	Favre C., J.....21142
Escauriaza, R. D.....2528		Falconer, J. I.....14198	Fawcett, E. J.....24325
Escherich, K.....9972		Falkenburg, L. B.....28935	
Escobar, A.....1767,6315, 6736,16269,16319, 16408		Falkenstrom, G....23156-7	
Escobar, R.....24461		Falkiner, G. B. S...13490, 18689	
Escotorin, R. G.....28733		Faloon, D. B.....16409	
Escourrou, R...24289,24555		Faloon, O. J.....27884	
Escritório de Propaganda e Expansão Comercial do Brasil em Nova York...4176			
Escrutt, J. R.....7641			
Escudero, A....14515,14573			
Escudero, J. A.....5062			



Item	Item	Item	Item
Fawcett, H. S.....14656, 20875	Fenner, C.....26103	Ferri, M. G.....15641	Findlay, W. P. K.....11559
Fawcett, R. M.....24002	Fensch, H. L.....502	Ferriere, C.....23158	Findlen, P. J.....8720,13557, 14819
Fawcett, W.....6410	Fenske, L. J.....24825	Ferrin, E. F.....7667,12358, 13738,17653,27831	Findley, W. N.....11591
Fawns, H. T.....2468	Fenton, C. L.....10066	Ferry, R. M., Jr.....2587	Fine, S. D.....13182
Faxon, R.....17698	Fenton, F.....25101	Ferté, J.....14310,14359	Finger, C.....7712
Fay, A. C.....18607	Fenton, F. A.....15006-7, 17699,25764	Fessler, J.....23929	Fink, C. G.....25196
Fay, R. W.....28107	Fenton, F. C.....23603	Fethers, G.....2988,7144, 7370,15801,22229	Fink, H.....25103
Fearnow, T. C.....27254	Fenton, H. J.....24899	Fetrow, W. W.....5064,29283	Finlay, I.....9875
Featherly, H. I.....283	Fenton, M. A.....10066	Fetter, J. F.....27803	Finlay, W. A.....17771
Fedchenko, B. A.....5907	Feraud, L.....13128	Feucht, O.....16606,20897	Finletter, T. K.....5731
Federación Argentina de Cooperativas Tamberas Ltda.....8567,13424	Fergus, E. N.....15830	Feuge, R. O.....19020	Finley, H. E.....2768
Federación Nacional de Cafeteros, Colombia.....20519	Ferguson, B. L.....20403	Fevold, H. L.....7454	Finnell, H. E.....1964,14919
Federación Rural (Uruguay) 24368,24664,24703	Ferguson, C. M.....8310, 20440	Février, F.....2631	Finnerty, F.....420
Fédération Française des Sociétés de Sciences Naturelles, Office Cen- tral de Faunistique.....5817	Ferguson, D. B.....15003, 19491	Février, J. G.....13942-3	Finney, D. J.....25104
Federation of Amer. Angora Breeders.....22782	Ferguson, F. E.....2996,5230	Few, F. G.....13115,13368	Finney, G. L.....23422
Federation of Indian Chambers of Com. & Indus. 26021	Ferguson, F. F.....18026, 28102	Fey, J.....3217-19,27948	Finney, K. F.....8785-6
Federazione Internazionale di Olivicoltura.....18964, 18980,18996-19017, 19052	Ferguson, F. L.....27014	Feytaud, J.....10345,12627, 22937,23159-61, 27885-6,28034	Florentini, G.....18869
Federazione Nazionale dei Consorzi Provinciali Fra i Produttori dell'Agricoltura, Settore della Fibre Tessili.....9929	Ferguson, F. P.....10756	Fiadeiro, J.....4440	Fiori, A.....20693-4,26628
Federer, W. T.....6702	Ferguson, H. K.....24438	Fidler, A. C.....18473	Firbas, F.....20594
Federico, S.....11476,14127, 16674	Ferguson, H. P.....29379	Fiedler, A. C.....5009	Fireman, M.....21861
Federico, T.....13294, 15427,16410	Ferguson, K. V. M.....10098	Fiedler, H.....17191	Firestone Farm and Garden Serv. Bur.....15271
Fedrik, T.....23928	Ferguson, O. F.....12027	Field, A. M.....5065	Firestone Tire and Rubber Co.....10048,15271
Fedorchuk, V.....26510	Fergusson, W.....29340	Field, A. R.....26128	Firmin, F.....6507
Fedorchuk, V. P.....954	Ferrier, R.....26055	Field, H. G.....27343	Firor, G. H.....9762
Fedrico, G.....7256	Ferlat, G.....23689	Field, H. I.....7145	Firor, J. W.....4968-9, 14815,29186
Feduchy Marino, E.....29042	Fernald, M. L.....719, 743,5908-9,15321, 15360-2,20692	Field Notes Crop Rptg. Serv., Minneapolis, Minn. 15268	Firpo, R. F.....26719
Feed Indus. Council.....28652	Fernand, Père.....24217	Fielitz, F.....17308	Fischbach, H.....13576, 13578,28446
Fehr, F., & Co.....24403	Fernandes, A.....26187	Fielitz, F. O.....17114	Fischer, B. M.....18623
Felginson, N.....26831	Fernandes, C. J.....2305	Fiennes, R. N. T. W.....16992	Fischer, G. W.....874,6001, 10346,20355
Felbrun, N.....26191	Fernandes e Silva, R..... 26691	Fietkau.....20867	Fischer, H.....4120,7890
Feiner, J.....3131,22935, 24512	Fernandez, F.....1347	Fietkau, F.....17622,22865	Fischer, W.....12408
Feinstein, L.....159	Fernández, G. M.....18830, 28824	Fife, C. V.....1780	Fish, C.....14340
Felber, I. M.....20637,25171	Fernández, R. J.....13979, 29032	Fifer, M. W.....7621,12236	Fishbein, M.....9292,9418, 19768,22939
Felbinger, Kh. Kh.....12393	Fernández, R. J. P.....18261	Figueira, L. V.....5169	Fishbein, V. Ia.....7636
Feldman, G.....15640	Fernández, R. R.....21209	Figueiredo, B. L.....28458	Fishbein, W.....5200
Feldman, J.....15640	Fernandez Aguirre, E..... 6606,11023, 16192,21559,23241	Figueiredo, J. M. de.....2255, 4575	Fisher, A. H.....4267
Feldmann, J.....10273-4, 10408,20896	Fernández de la Fuente, V. 1602,6628,21560	Figueiredo, R. de.....1451, 16038	Fisher, A. J.....3887,4180, 13492
Feldmann-Mazoyer, G.....15270	Fernandez Lopez, D.....14280	Figuères, R.....11092	Fisher, C. D.....3132, 4362,8763
Félice, L. P. de.....12569-70	Fernández R., J.....11586	Figueroa, E. de.....4710	Fisher, C. E.....1673, 25793-4
Fellers, C. R.....3947	Fernández Roque, M.....5168	Figueroa, I. L.....14018	Fisher, D. F.....5366,14775
Fellhauer, T.....11911	Fernández Salazar, E..... 2659,17198,22578	Figueroa, J.....22402, 26627	Fisher, E. E.....15642
Fellows, A. B.....2684	Fernández y Fernández..... 29088	Figueroa, M. A.....11478	Fisher, E. H.....23369
Fellows, E. S.....2111	Fernández y Fernández, R.. 9060,13164,13273, 14037	Fike, A. J.....3669	Fisher, G. M.....1703,5887, 21405,24846
Felsenfeld, O.....8709	Fernow, K. H.....15087	Fikentscher, H.....13068, 19507	Fisher, J.....12921,21049, 21143,29222
Felt, C. E.....8784	Feroni, F. C.....26602	Filaretto, A.....28936	Fisher, J. R.....3002,18870
Felt, M. E.....3216	Ferrante, M.....11477	Filatov, F. I.....10757-8	Fisher, M. A.....28811
Felton, M. W.....10306	Ferrara, A.....18506, 19018-19,19326,24404	Filbert, W. L.....8572	Fisher, O. C.....13493
Fenaroli, L.....619,10860	Ferrari, A. J.....2467	Fileni, E.....14019,19807	Fisher, O. S.....5422,14819
Fender, D. M.....23188	Ferrari, C. G.....8792	Filer, L. J., Jr.....19021	Fisher, R. A.....3461
Fender, K.....3407,8101, 22936	Ferrari, E.....11836	Filinger, G. A.....14980	Fisher, R. C.....2144
Fender, K. M.....3408	Ferrari, L. A.....28825	Filipello, F.....10621	Fisher, R. T.....28680
Fenley, F.....17584	Ferrari, R. C.....24543	Filippi, L.....9054	Fisher, W. H.....2382
Fenn, F.....11782	Ferraris, T.....10013	Filley, H. C.....14031, 14352,19095,24326, 25751	Fisher, W. S.....12628
Fennah, R. G.....3506-8, 12760,28138	Ferraro, M. A. S.....599	Filmer, R. S.....22938, 23367-8	Fisher, W. W.....3409
Fenne, S. B.....26370	Ferreira, E. da C.....23242	Fina, A. L. de.....10689, 26488	Fishwick, J.....29341
Fennell, J. L.....10534	Ferreira, M.....18021	Finan, J. J.....20626	Fisk, F. W.....23331
	Ferreira, T.....23242	Finch, A. H.....1317,20254, 20256-7	Fiske, C. A.....25287
	Ferreira, T. G.....23271	Finch, C. D.....24003	Fiske, J. G.....20315
	Ferreira dos Santos, N..... 20977	Fincham, I. H.....22394	Fister, R. G.....9061
	Ferrero, R. A.....14199	Findlay, H.....3670	Fitch, C. L.....16193
	Ferreya, R.....26192	Findlay, H. D.....23988, 24028,25102	Fite, A. B.....20423-4
	Ferreya Reynolds, L.13491	Findlay, W. M.....21973	Fitzelson, J.....13845
			Fitting, H.....20594
			Fitts, J. W.....407,409, 6747,20300
			Fitts, W.....9812
			Fitzgerald, C. J.....27490
			Fitzgerald, K. W.....14397



Item	Item	Item	Item
Fitzgerald, M.....9807, 20405	Fla. Univ.....15175	Fornabaio, M.....1378	Fox, D. E.....25264
Fitzhugh, H. A.....11912	Flory, V.....1318,21266	Fornaci, C.....10692	Fox, F.....25419
Fitzpatrick, H. M...19834, 22075	Flosdorf, E. W.....8884	Forrard, H.....27505	Fox, F. G.....1319
Fitzpatrick, J. T.....27015	Flowers, J.....14228,19742	Forrester, R. W....13494, 24081	Fox, H. M.....6509,16041, 28072
Fitzpatrick, W. H....3724	Floyd, E.....27979	Fors, A. J.....7063,11505, 27157	Fox, H. S.....22999
Fitzsimmons, J. R....23577	Floyd, J. W.....27201	Forsell, M. J.....6104	Fox, J. W.....10908
Flack, W. S.....4788	Flückiger, C.....9958,27413-14	Forslund, K. H.....23327	Fox, Mrs. M.....1454
Fladness, S. O.....5393	Flückiger, C.....7257	Forsyth, D. D.....1016	Fox, R. M.....28182
Flaig, W. H.....26309	Fluharty, D. G.....23850	Forster, E. H.....3725	Fox, W. B.....20695
Flament, R.....27300	Fluno, H. T.....12419	Forster, G. W.....8638	Foyster, J. R.....27179
Flamigni, A.....14128	Flurry, J. E.....11556	Forstliche Hochschule, Eberswalde, Germany.10655	Fradois, H.....23164
Flamman, Sister M. M.15643	Flynn, F. F.....14001	Forstmann, C. E..4181,8628	Fraenkel, G.....12380
Flanagan, G.....3936	Flynn, J. A.....22230	Forsythe, R.....28350	Frame, S. H.....21862
Flanagan, J...12047,12144, 19081,27661	Foard, J. H.....19596	Fort, C. A.....19942,24513	Frampton, D. B.....2164
Flanders, S. E.....12789, 15920,18070,2422-4, 27852	Fobes, M.....9799	Fort Hays Kans. State Col. 24907	France, G. de.....8270
Flanzv, M.....19022	Poëx, E.....13639,20764, 20825-6,26341	Fort Wayne (Ind.) Food Distrib. Advisory Com..57	France. Direction de l'Enseignement et des Recherches.....15232
Flanzy.....13846	Foeste, A.....9447	Fortaleza, C.....14519	France. Ministère de l'Education Nationale. Centre National de la Recherche Scientifique... 11766
Flanzy, M.....875,13944, 26339	Fogelqvist, G.....23163	Fortas, A.....15311	France. Ministère de la Production Industrielle... 13762
Flavio, F.....24407	Foggi, J. M.....620,15345	Fortescue, H. R.....12292	France. Secrétariat d'Etat à l'Agriculture... 10015,10044,10047
Fleck, E. E.....3133	Fogli, O.....15252	Forteza, B.....29311	Direction de l'Enseigne- ment et des Services Scientifiques de l'Ag- riculture.....10014
Fledderjohn, H.....23868	Fohrman, M. H.....60,15308	Forti, N.....10671	Franceschini, C.....14398
Fleischmann, R.....13682	Foister, C. E.....15483	Fortier, P.....27243	Francesco, M...16802,17115
Fleischmann, W.....17313	Fokeev, P. M.....11397	Fortier, S.....11317	Franciosa, L.....15929, 19023-5,20520
Fleishman, D.....8229	Folco, A.....14131	Fortin, G. N.....15889	Francis, A. L.....1603
Fleites, M. A.....13199	Földvéry, L.....11479	Fortnam, C. D.....10907	Francis, D. A.....12478
Fleming, G. B.....29365	Foley, E.....24218	Fortner, J.....17171	Francis, D. R.....29257
Fleming, H.....4544,23475	Foley, E. J.....7258	Fosberg, F. R.....10099	Francis, E. K. L.....24931
Fleming, W. E.....22940, 23162	Foley, H. S.....2120	Foscue, E. J.....9276	Francis, G. S.....20173
Flentje, M.....28071	Foley, J. H.....15144	Foss, J. O.....2774,22231, 22403,22661	Francis, K. Y.....11833, 22527,24826,28891
Fletcher, D.....27453	Foley, W. T.....8560,29229	Foster, A. C.....18762	Francis, M.....3135,7713, 8593,24050
Fletcher, D. G.....6093, 6321,26340	Folin, C. B.....16925,22458	Foster, A. O.....17636-7	Francis, S. H.....6960
Fletcher, F. C.....3624, 23536	Follett-Smith, R. R..... 6806-7,26667	Foster, G. A. R.....24078, 24086-8,28288-9	Franck, J.....10100
Fletcher, H. C.....21896	Folley, S. J.....2468,3003	Foster, G. B.....18831	Francke, A.....21033
Fletcher, H. R.....774, 26232-6	Folsom, D.....21561	Foster, H. H.....6041-2	Franco, C. M.....15428
Fletcher, M. G..5587,13638	Fominykh, V. N.....20543	Foster, H. L.....6508,16040	François, L.....20978-9
Fleutiaux, E.....7930-2, 12629,28035-6	Fondovilla, M. F.....3134	Foster, J.....24049	François, T.....22039
Flexner, M. W.....4268	Font Toledo, S.....26040, 27767	Foster, J. C., Jr....7324, 11951,16731	Francolini, B.....14132, 14487
Fliess, W.....5732	Fontaine, T. D.....10627, 24414	Foster, J. E.....6681,20329	Francolini, F.....10828
Flindt, K.....2660	Fontana, L.....18692	Foster, L. B.....11621,22157	Françot.....23930
Fling, S.....19110	Fontoura, A. E. N. da..... 14311	Foster, M. B.....1452	Françot, P.....13295,20827
Flint, D. P.....3937	Food Ed. Soc.....9979	Foster, R. C.....15363	Frandsen, J. H.....9419, 24011,25105
Flint, L. H.....10535	Foot, C. P.....1348	Foster, R. E. D.....1834	Frank, A. H....17537,17567
Floch, H.....23103	Foot, F. J.....6858	Foster, R. L.....4729	Frank, R., Jr.....2949
Flock, M. V.....7530	Foot, N. H.....1290	Foster, W. E.....10622	Franke, P.....19598
Flössner, O.....9981	Forberg, M. J.....16039	Foster, W. G.....1704	Frankel, R.....16194
Flood, F.....5650,5652, 9119-20	Forbes, C. B.....18693	Foster, W. S.....18224, 21624,23635	Frankenberg, G. von..7933, 8103,8148,12873
Flood, F. A.....14129-30	Forbes, I. L.....6040, 26378	Foth.....19597	Frankenfeld, J. C.....5339
Floor, J.....1377	Forbes, J. W.....28468	Fotidar, M. R.....23025, 26489	Franklin, T. B.....651
Flora, F.....9078	Forbes, R. C....7306,27345	Fotidar, S. N.....23025	Franquet, R.....10536, 10623,15707
Florea, J. H.....2773,12145	Forbes, W. T. M....3574-5, 28181	Fouchet, M.....489	Frantz, P. D....13598,24185
Florence, C. H.....12010	Forbin, V.....26010	Fountain, C. W.....14072	Frantz, R. S.....4049
Florence, P. S.....5066	Forbush, K.....17517	Fountain, F. C.....17066	Franz, E....7695-6,7934-5, 8073-4,8104
Florencio Vita, J....16993	Ford, C. E.....10347, 11093-4	Fourcroy, M.....6193, 10463-5,15581	Franz, G.....502
Flores, A.....29187	Ford, J. F.....11783	Fourie, P. J.....2348	Franz, T.....28183
Flores de la Peña, H.19269	Ford, J. M.....1040	Fourmont, R.....13640	Franzke, C. J.....10537
Flores R., N.....595	Ford, L. H.....8201	Fournet, E.....15062	Fraps, G. S..232,307,1096, 1755,2007,11149, 14575,25790-1
Floret.....11980	Ford, T. F.....11543	Fournier, Abbé O.....3503	
Fla. Agr. Col. Ext. Serv.. 356-7,5664-5, 0759,25797-806	Ford, T. F.....16260	Fournier, P.....9455,11060	
Fla. Agr. Expt. Sta..... 228-30,54590-1,25672- 3	Ford, W. H.....3671	Foust, H. L.....2301,5067	
Fla. Forest and Park Serv.....16715	Ford Motor Co., Gard. Ed. Serv.....15272	Fouts, E. L.....4047	
Fla. State Chem.....21929, 28656	Forde, H. I.....20263	Fowells, H. A.....21729	
Fla. State Mktg. Bur.28512	Foreign Policy Assoc..... 664	Fowle, W.....9293	
	Forgacs, J.....4348,13579	Fowler, B. B.....12922-3	
	Forlani, R.....10690-1	Fowler, D. S.....5131	
	Forman, H.....4910	Fowler, H. K.....1453	
	Forman, L. V.....4681	Fowler, M. B.....25930	
	Formozov, A. N.....823	Fowler, M. E.....5344	
	Formston, C.....16785	Fowler, R. M.....27227	



Item	Item	Item	Item
Fraps, R. M.....17567	Freyberg, W.....8158	Fulton, S. M.....24149	Galloway, J. E.....26903
Frary, G. G.....13369-70	Frezal.....6096	Fults, J. L.....1673	Galloway, Z. L.....14819
Fraser, A.....7989, 8629, 17545, 22846, 27797	Frezzotti, G.....19028-9, 19062, 24405	Fumagalli.....16896	Gallup, C. M.....1836
Fraser, E. B.....12320	Friant, R. J.....6362, 9851-2	Fundação Brasil Central... 15127	Gallup, G.....25388
Fraser, F. C.....3630, 8105, 23545	Friar, H. F.....18832	Funk, E. M.....13895, 17413	Gallup, W. D.....2288
Fraser, F. W....24585, 29058	Fried, I. A.....17313	Furlani, A.....11024	Galofre, E. J....2775, 12101
Fraser, H.....1349, 6094, 10839, 23476, 24219	Friedberg, L.....10538, 21068	Furlani, J. A.....4315, 13497, 21625	Galpin, C. J.....9275
Fraser, H. A.....9121	Friedberg, R.....10015	Furlong, J. R.....4485, 8867	Galvão, J. M.....3410
Fraser, H. M.....17772	Friedland, B. L.....7990	Furniss, G. B.....6510	Galvin, J. J.....8974
Fraser, S.....19712	Friedman, L.....11561, 27226	Furr, J. R.....20980	Galvis, J.....1178
Fraser, S. B.....9055	Friedmann, G.....6859-61	Furtado, A. da R....15322	Galway, D.....5938
Fraser, W. P.....15273	Friend, R. B.....18119, 22942	Fussell, G. E.....14623	Galzin,.....22020
Frasier, F.....2857, 28295	Friend, W. H.....21111	Fyfe, W.....3221	Gamache, D.....9185
Frasier, F. E.....24491	Friend, Mrs. W. H....678	Fynn, C. A.....1965	Gamble, R.....3316, 7775, 7847-8, 12479, 12530, 17774-5, 18892, 23077-8, 27980, 28527
Frasier, F. W.....23651	Fries, N.....10539		Gambrell, F. L.....20323
Frauentorfer, S. von..9499	Friesen, D. R.....24406	Gaalas, R. F.....11861	Gambrell, G. C.....23985
Frau-Sanna, F.....554-5	Frillieux.....10307	Gabalidon, A.....5823	Gamero Robles, A. M..... 2776, 3809, 23724
Frayer, J. M.....2469	Frings, H.....23477	Gabalón Márquez, J..25981	Gannon, B. O.....11785-6
Frazier, N. W.....221, 9658, 25663, 25667	Frisch, K. von.....27949	Gabby, J. L.....4541, 8904, 13847, 19031	Gancev, N.....9090
Frazier, W. A.....6629, 20273, 21925	Frischknecht, C.....4121, 4576, 24022	Gabel, C.....28937	Ganci O., S.....18380
Frazier, W. C.....13452	Fritsch, F. E..10467, 15274	Gable, E. S.....580	Gand, E.....11124
Frean, J. R.....11957	Fritsché, E.....26072	Gable, Mrs. R.....1457	Gandara, R.....12924
Frear, D. E. H.....28786	Fritz, J. C.....7451, 14577	Gabler, H.....12790	Gane, R.....18473
Frederick, S. R.....19405	Fritzsche, K.....16994	Gabrielson, I. N....15311	Gangulee, N.....491
Free, M.....1455, 11061, 16312, 21406-8	Fritzsche, R.....6427-8, 6447	Gaddini, L.....14133, 26692	Ganguly, A. K.....21706
Freeborn, S. B.....9658	Fröderström, H.....26193	Gaddy, V. L.....16383	Gannon, A.....9767
Freeburn, C. C.....27255	Fröhner, R.....11707	Gade, P.....3905, 13220, 15187	Ganpule, M. V.....25157
Freedman, R.....1237	Frolík, E. F.....10693, 10759, 15771	Gadez P., H.....15807	Gapen, K.....25258
Freeman, A. F.....19059	Frolova, S. L.....10512	Gadge, S. W.....17773	Garayar, H. N.....1705
Freeman, C.....21409	Fromel, W.....6748	Gadgil, D. R....8349, 24586	Garber, R. J.....976
Freeman, D.....21409	Fromer, A.....14399	Gadola, A.....7259	Garbrecht, F.....7206
Freeman, H. A.....3576, 28184-5	Fromm, F.....11062	Gadsch, W.....22783	Garção, A.....27516
Freeman, H. C.....14576	Fron.....10348, 11398, 13641	Gabler, H.....28186	Garces O., C.....10282
Freeman, R. C.....20394-5	Fron, G.....20828	Gärtner, R.....11633	Garcia, J. G.....26165
Freeman, S.....5132	Fronmuller, D.....22148, 27191	Gaessler, W. G.....999	Garcia, J. P.....23814
Freeman, T. R.....4047	Frost, J.....11784	Gaetani, L.....14230, 19808	García, R.....19508
Freer, S.....17199	Frost, J. M., Jr....27346	Gäumann, E.....26491	García Barran, M.....4822
Freers, E.....22579	Frost, R. E.....8485	Gage, C. E.....160, 13980, 29342	García Baylles, J. L.... 8975
Freigola, C.....15930, 19026	Frost, S. W....3455, 23370, 27853	Gagliardi, A.....23165	García Cadena, A.....5733
Frei, E.....15982	Frostenson, G.....8928	Gagnepain, F..5937, 10196-8	García Cruz, M....4682, 9020
Freidt, G.....11691	Fry, H. S.....7400, 9184, 24932, 29491	Gahan, J. B.....12734-6	García de Diego, J....19327
Freitag, J. H.....20261-2, 25664, 25666	Fryckberg, M.....27240	Gaines, E. M.....16566	García Fernández, J..22190
Freitas, H. de.....19678, 29439	Fryd, C. F. M.....4577	Gaines, J. G....6919, 20821	García Gómez, D.....17870
Freitas, M. G.....17172	Frye, C. R.....24933	Gaines, R. C....23166, 23411	García Huidobro, J....11250
Freitas, S. de.....26256	Frye, J. C.....1745	Gaines, T. B.....28123	García Isidro, M.....4984, 24647
Frels, B.....29223	Frye, T. C.....20730	Galan, C.....12702	García Llorens, F....2777
Frémy, P.....10466, 15391	Fryman, C.....6804	Galavielle, L.....14657	García Mata, R.....14232
French, A. P.....250, 5604, 5612, 21321	Fuchs, H.....16043	Galbraith, A. V....9992	García Menéndez, B....29059
French, C.....3631, 7714	Fudge, J. F....1096, 11149, 25791	Galbusera, S.....16869	García Miralles, V....25211
French, C. S.....10562	Fuelleman, R. F....186, 1211, 25720, 25728, 25730, 25732-3, 26310	Gale, E.....21411	García Molinari, O....10540
French, E. R....4269, 28775	Fuente, C. de la....13495	Gale, R. E.....13585	García Najera, J. M..27016
French, F. H.....2950	Fuente, J. de la....19743	Galen, R.....26141	García Quintero, A..11318- 19
French, G. T.....12821	Fuenzalida Villegas, H.... 5289	Galer, F.....4578	García Rada, G.....26303
French, J. J.....1150-1	Fugate, R.....7182	Galet, P.....21322	García Romero, A.....3833, 15582, 20638, 21626, 26073, 28826, 28938, 29003, 29144
French, M.....1456	Fuhr, C.....9671	Gall, L. S.....7129, 7173	García Serrano, T....14451
French, M. H....2731, 3047, 22866	Fullaway, D. T.....15228	Gallagher, J. P....27348	García-Tejero, F. D..1905, 12822
French Alpine Breeders' Assoc.....27803	Fuller, A. H.....311	Gallagher, P. H....6781	Garcilaso, R. A.....5292, 14658, 19328-9
Frenguelli, B..11706, 19027	Fuller, A. N.....13496	Gallagher, P.....2213	Gardberg, M.....8194
Fresa, R.....6095	Fuller, G. D.....26390	Gallego M., F. L....22943	Gardie, P. de la....1638
Frese, P. F.....16042	Fuller, G. H.....20609	Gallegos Terán, J. A.26164	Gardinazzi, L.....13786
Fretes Lopez, R.....5288	Fuller, H.....23791	Gallés, P.....21775	Gardiner, C. H.....492
Freund, J.....22662	Fuller, J. G.....7183	Galletti, R.....9256	Gardiner, G. F.....16045
Freund, R.....26069	Fuller, P. C.....22146	Gallia, F.....2640	Gardiner, L. A.....12480
Freund, S.....27415	Fullerton, A.....4821, 24148, 26939	Gallie, J. G. E....3004	Gardiner, R.....26107
Frey, E.....10909	Fullerton, F. H....5290	Gallina, L.....7260, 16732, 16897	Gardner, A.....17465
Frey, F. C.....5026	Fulling, E. H.....679	Gallot, Mme. S.....25106, 25145	Gardner, A. K.....19330
Frey, G.....17944	Fulton, C. O.....13995	Galloway, F. A.....19431	Gardner, C. A..1675, 21145
Frey, W. L.....23869	Fulton, J. F.....2594		Gardner, C. H.....11301
Frey-Wyssling, A....26490	Fulton, M. D.....6807		Gardner, E. H.....15187



Item	Item	Item	Item
Gardner, G. T.....27838	Gaudio, F. S. de.....22040	Ga. Agr. Col. Ext. Serv....	Gibbons, E. E.....13828
Gardner, J. L.....9633	Gauger, H. C.....12102	358,5566-8,9760-8,	Gibbs, H. A..12531-2,23026
Gardner, K. B.....25414	Gaujal, G.....19162	20382	Gibson, C. H.....12238
Gardner, M. E.....1605	Gault, L.....20285	Ga. Agr. Expt. Sta..231-2,	Gibson, E. P.....1609
Gardner, M. W.....9658	Gaume, R.....6170,10263,	5337,9666,14967-8,	Gibson, E. T.....23870
Gardner, R.....16433,25265	10409	20270-1,25674-84	Gibson, I.....12823
Gardner, R. A.....25483	Gaune, A.....15738	Ga. Coastal Plain Agr.	Gibson, J. M.....22058
Gardner, V. R.....1350	Gaunt, A.....16567	Expt. Sta.....20272,25685	Gibson, R. C.....24588,
Garfield, F. M.....13296	Gaunt, S. N.....2383	Ga. Geol. Survey.....27044	24620
Gargurevich, A.....19111	Gaunt, W. E.....14520	Geraghty, P. L.....12262	Gibson, S. J.....2641
Garinei, V.....7472	Gaussen, H.....10402,10410,	Geraldes, C. de M....13165	Gibson, T.....23986
Garis, E. de.....7207	11204,11480,15323	Gérardin.....489	Gibson, T. E.....11995
Garland, E. A.....6307	Gautheret, R. J.....10016	Gerasimov, I. P.....26889,	Gibson, W. L.....4943
Garlick, N. L...2595,23104	Gauthier, G.....3578,23189	26922	Gibson, W. L., Jr.....4999
Garman, P.....20269,	Gauthier, R.....955	Gerasimova, P. N.....11741	Gibson, W. W.....7892
22945	Gautreau, J. J.....4526	Gerber, J. R.....29004	Gicquel, M.....581
Garmendia, L. I.....22191,	Cauvreau, M.....680	Gerber, W. D.....6862	Giddings, V. P., Jr..4185
22552	Cavard, R.....13581	Gerberg, E. J.....18029	Gieger, M.....231-2,20296
Garnatz, G.....8787-8	Cavoty, B.....489	Gerberich, J. B.....23328	Giehl, J.....7338
Garner, F. H.....16870	Cavrilova, C.....13643	Gerbes.....7776	Giesen, P.....27798
Garnett, C. S...5939,21412	Caw, H. Z.....26492,26913	Gerbex, R. F.....22580	Giese, H.....23707,23725
Garnham, P. C.....12737	Cay, C. W.....7184,11761,	Gerdes, F. L....161,18262,	Gigena, F.....15773
Garnier, P.....13297,14038	22313,27275	20135,23604,24445	Gizer, M..6511-12,10910-12
Garoglio, P. G.....9122,	Gay, D.....27803	Gerdesmann, H..14134,14360	Giglio, C.....14313
11087,15176,19032,	Gay, L. N.....17776	Gerhardt, F.....18843	Giglioli, G. E.....14135
24407	Gay, M. C.....112	Gericke, B.....5423	Giglioli, G. R.....5838
Garola, J.....10672,11251,	Gay, W. H.....22111	Gericke, S....6772,6808-9,	Gil Collado, J.....3456,
16195,16356,21563,	Gayan, S., C.....21778,21930	6944	32423
21776-7,21947,26652	Gayer, A. D.....20507	Gérin, M.....22021	Gilardi Rodriguez, L.....
Garrard, E. H.....10386,	Gayford, G. W.....17700	Germani, P.....9247	11515
13642	Gaylor, D. C.....7715	Germany. Forschungsdiens.	Gilberg, H.....9447
Garrard, W. M....4182,8630	Gazaubon, E.....11426	5775	Gilbert, B. E.....15010
Garratt, G. A.....11573,	Gaztambide, J. B.....1129,	Germany. Reichsarbeits-	Gilbert, C.....25063
16656,22117,27247	9839,9841	gemeinschaft für Volkser-	Gilbert, C. S.....4375
Garrett, A. S.....12925	Gaztambide Arrillaga, C... 13337	nahrung.....9981	Gilbert, F. W.....2858
Garrett, J. E.....24081	Gearhart, C. R.....27454	Germany. Wehrmacht.	Gilbert, O. E....11969-70,
Garrett, S. D..15517,20829	Geary, R. C.....29495	Oberkommando.....556,652,	22528,27491
Garrido Lozier, O....3726,	Gebien, H.....17933	20616	Gilbert, S. G.....1038,
3972-4,4300,4349,	Geddes, G. W....2384,4396,	Gerosa, G.....16803-4	20981
5310,18507-8	4504	Gersdorff, C. E. F....1458	Gilbert, S. M..2529,21654,
Garrigus, W. P.....2418,	Geddes, H. J.....16950,	Gerstel, D. U.....15607,	26872
11659,17067	22314,27818	26449	Gilbey, C.....15238
Garrison, C. S.....15772,	Gee, A. C.....23567	Gertenbach, J. J.....11366	Gilchrist, G.....4186,18695
21100-1	Gehlbach, M. P.....25820	Gertsch, W. J.....17872	Gilchrist, J. A.....19082
Garrison, E. R.....5524	Gehm, H. W.....27228	Gervais, P.....8460,11660,	Gilchrist, P. S.....13498
Garrison, G. L.....23411	Geiger, A.....25107	13298,14073	Gilchrist Leighton, J.....
Garrison, O. B.....5337	Geiger, A. J.....28682	Geslin, H.....1011,10014,	21299
Garry, H.....3727	Geiger, W.....17116-17	21079,26567	Gilder, R. P.....11862
Garst, W.....9219	Geigy, R.....18027	Gessner, A. L.....4771,	Gildow, E. M...17380,26046
Garstka, W. U.....16434	Geil, L. H.....8202,27416	20049,24827	Gile, B. M.....5133,
Cartrell, F. E.....3485,	Geisler, F.....681	Getson, S. F....1606,1707,	9677,20289
18036	Geith, R.....10017	2053,3411,4093,4184,	Gile, P. L.....1756
Garwood, O.....2008	Geitler, L.....26416	4336,4634,4942,8336,	Gileadi, D.....1610
Garzend, A.....13945	Gelbach, M.....25017	29145	Giles, J. E.....16196
Garzon S., B.....26195	Gellatly, J. U.....21347	Getz, V. L.....19165	Giles, W. F.....6631
Gasca, A. G.....9475	Gelles, B.....4183	Geurden, L.....20544	Gilgut, C. J.....9680
Gasch, E. E.....24665	Gelly, L.....19599	Gevorkiantz, S. R..22078,	Gilham, C. E.....19809
Casnier.....12217,17497	Gelormini, N.....17871	25444	Gilkey, G. L.....27476
Casnier, A.....2631,12253	Gelpi, A. J., Jr..24030-1	Geyer.....1607	Gill, D. A.....17873
Gasparin.....4954,14281,	Gel'fser, F.....26916	Geze, B.....11205,26129	Gill, H. S.....19781
19486	Gemignani, E. M.....17701	Gherson, L.....26342	Gill, J.....11787,11913
Gasparini, M.....10541,	Gemignani, E. V.....3136,	Ghidini, G. M...7936,23546	Gill, L. S.....6000
20611	12409,22946,27887	Ghiggoile, O. A.....8489	Gill, S. W.....27662
Gasparrini, T.....13996-7	Gendreau, L. A.....22232	Ghigoille, O. A.....24044	Gilles, D. C.....22663
Gastaud, J. M.....20833	Gendron, L.....8348	Gho Elizondo, S.....18959	Gillespie, D.....8233
Gastler, G. F.....10542	Géneau, G.....27145	Chose, R. L. M.....956	Gillespie, I. F.....4970,
Gaston, T. L.....27056	General Elect. Co...15150	Ghosh, S.....4683	17585
Gates, A. D...20370,24587	Generali, L.....19331	Ghosh, S. K.....26879	Gillham, J. R.....5068
Gates, D. B.....23406	Genest, P.....7511,12103	Giaccardi, A.....14488	Gilliam, C. E.....1291
Gates, F. H.....3577	Gennari, G.....530	Giacomi M., V.....1608	Gilliam, S. K.....5019
Gattewood, A. J.....9186	Genschel, M.....21078	Giacomini, A.....22807	Gillies, A. S.....18263
Gatta, L. della.....16296	Gentil, K.....8106	Giacomini, V.....26257	Gilligan, G. M.....9665
Gattefossé, J.....1706,	Gentry, R. F.....7146	Giacopino, S.....21897	Gilligan, J.....25063
6703,10199	Genty, P.....10200	Gianferrari, L.....653	Gillman, T.....25063
Gattefossé, R. M.....10829	Genung, A. B.....2	Giannini Found.....19805	Gillner, V.....26166
Gatti, A.....10619	Genung, E. F.....4060	Giannoccaro, G.....14312	Gilly, C. L.....26196
Gatti, L.....18906	George, K.....22459	Giannotti, O...8057,17715,	Gilman, H. L.....11854
Gattoni, L.....1212	Georgi, A.....11708	27897	Gilman, J. C.....5842
Gattoni, L. A.....10793		Gibbard, G.....22286	Gilman, V.....14819
Gaudineau, M.....10349,		Gibbard, J.....28597	Gilman, W.....9234
20766,20809		Gibbon, D. C. M.....12237	



Item	Item	Item	Item
Gilmore, J. U.....23167	Glover, R. C.....2596	Goldschmidt, R. B....3457,	Goodearl, G. P.....20333
Gilmour, J.....10018	Glover, R. G.....29046	17982, 18122, 28073	Goodell, F. H.....2089
Gilmour, J. D.....15253	Gmür, O.....7777	Goldschmidt, V. M....27091	Goodell, H. R.....128
Gilroy, A. B.....8026	Gnagl, H.....9123	Goldsmith, G. A.....9439	Gooden, E. L.....22947
Gilson, W. I.....16435	Gnagy, M. J.....13371	Goldsmith, S. F.....19235	Gooder, M.....7850
Gilyard, R. T....2642, 22233	Goar, L. G.....21193	Goldsworthy, M. C....6141	Gooderham, C. B....12482,
Gindick, F.....8738	Gobbato, C.....1179, 1709	Golenkin, E.....6749	12533, 23027, 23079-81
Gingles, R.....3841	Gobble, C. F.....22315	Golikov, A. N.....11996	Gooderham, M.....22784
Ginibre, P.....28187	Gobecia S. A. Industrial,	Golubev, V. D.....11253	Goodfellow, W.....4075
Giniéris.....14400	Comercial.....4542	Gombault, R.....10151, 10185	Goodhart, R. S.....5201,
Ginkul, P. G.....1708	Gobeil, A. R.....11627,	Gomes, J. A. P.....3579,	20179, 25065
Ginns, R.....21413-14	22163, 29312	20767, 23478	Goodhue, L. D....3137, 12412,
Ginsburg, J. M.....6043,	Goble, R. E.....26582	Gomes, M. de A.....24589	12450, 12758, 12903
12410, 28108	Gockley, R. R.....18550	Gomes, M. F.....24514	Goodhue, L. H.....24493
Giobbi, Q.....19033	Godard.....10411	Gomes, P.....21267	Gooding, S.....3317
Giordano, A....13274, 14489,	Godard, M.....10800, 20834	Gomes de Oliveira, C.15156	Goodings, A. C.....28719
16607	Godbole, N. N.....9930	Gomes e Sousa, A. de F....	Goodman, B.....15094-5
Giordano, G....10201, 11506,	Godbout, E.....16756	10914, 16047	Goodman, L.....28684
22041, 22079	Godchaux, F.....13694	Gomez, A.....8835, 18625	Goodnight, C. J.....12571,
Giordano, H. J.24492, 26604	Goddard, C. A..13499, 18696	Gomez, A. V.....17200	17874, 27995
Girard, H.....2402, 4958,	Goddard, H. N.....5872	Gomez, C. A.....16578	Goodnight, F.....19770,
9079, 11398, 12954,	Goddard Wash. Serv., Inc..	Gómez, J. J.....16951	29366
13233, 13338, 14098,	5321, 14711	Gómez, M. R.....4823	Goodnight, M. L.....12571,
14269, 18225, 28267,	Godden, W.....2256	Gomez, O. J.....2302	17874, 27995
28296	Godfrey, A. B.....22618	Gómez, P.....19332	Goodpasture, M. O....21899
Girard, J. W.....20112	Godfrey, G. H.....15429	Gómez Amoroch, R....2054	Goodridge, Mrs. E. L.....
Girardin, G.....6863	Godfrey, G. S.....22665	Gómez Clemente, F....23168,	27803
Giraud, A.....5940	Godfrey, P. R.....11661	28188	Goodspeed, T. H.....10413
Gireaud-Costa.....23239	Godinho, M. A. de C....	Gómez Escamilla, H....22234	Goodwill, F. C.....7074
Giridlian, J. N.....16046	24220	Gómez Lama, M.....22540	Goodwin, J. P.....11914,
Girón Galván, H.....18763	Godley, R.....2530	Gómez Marzheimer, G..4824,	16898, 27349
Giroux, L. A.....2045	Godolphin, F. R.....5306	18976, 19432	Goodwin, N. J....15073, 15075
Girshausen, E.....21228,	Godshalk, C. E.....1459	Gómez Trênor, J. A....24292	Goodwin, R. H.....621, 744
21564	Godtsenhoven, E. van.....	Gomezjurado L., G....26197	Goodwin-Wilson, R.....1806
Gisborne, J. H.....21828	20545, 20603	Gonçalves, C. R.....23425	Goodyear, F.....23815
Gismond, J. F.....8739-40	Godward, C. W.....28829	Goncharenko, I.A.....18298	Goor, A.....1320, 28735
Giuglaris, A. L.....20639	Godwin, H.....10412	Goncharov, N. F.....26198	Goor, S.....27623
Giulani, R.....20611	Göbel, F.....7371, 17174	Goñi, R.....13211	Goossens, A. P.....26199
Giuliani, R.....11836	Göckenjan.....19533	Gonzalez, A.....7010, 16620	Goot, H.....28685
Giuseppe, P.....17173	Goenaga, A.....6044	Gonzalez, A. de J....6945,	Gopinath, D. M..6240, 20913
Giuseppe, T.....10694	Goenaga, J. I.....15831	15832, 23726	Gopinath, K.....19163
Giuseppi, P. L.....21415	Goerttler, V.....11709	González, F.....1017	Gorbacheva, A.....15587
Giusti, G.....27663	Goetsch, W.....8149	González, J. A.....9080,	Gorbacheff, H.....28211
Givens, S. T. V.....7697	Goettel, O. F.....17518	9335, 28459, 28869,	Gorbea, O.....26076
Giveon, H.....6895	Goettler, B.....1261, 2425,	29100	Gorbunov, N. I.....11119
Glabau, C. A....4579, 28827	7208, 11252, 22371,	González, M....13200, 24556	Gordon, C. D.....22618
Gladman, J. C.....18120-1	24991	González Alvarez, R.....	Gordon, D.....8631
Glaenger.....11398	Goettler, W.....1966	28892-3	Gordon, D. M.....22495
Glaser, K.....557	Goetz.....11550	González Arroyo, S...21146	Gordon, G. E.....18608
Glasser.....12336, 22880	Götze, R.....7106, 7360,	Gonzalez Bautista, L. A....	Gordon, G. G.....4911
Glättli, O.....10913	11863	12411	Gordon, J. B.....9931
Glagoleva, E. M.....8027,	Goff, C. C.....5280, 27186	González C., A.....25172	Gordon, J. J....24779, 29096
18028	Goffe, E. R....12700, 17981,	González de Andrés, C.....	Gordon, K. M.....11254
Glance, G.....3632	23244	20575	Gordon, M. D.....2779, 2859,
Glaser, O.....19810	Goggin, F. J....7532, 17381	González de Couto, A.....	3005, 7632, 7647, 8594,
Glasgow, M. C.....5753	Gohde, G.....16805	6363, 6841, 6974	8933, 12146-7, 13896,
Glass, I. R.....8834	Goheen, J. L.....24900	Gonzalez Fernandez, P.....	17382-5, 17555, 18697,
Glass, J. O.....7037	Gohl, C. R.....6896	12761	22716-18, 23567, 23727,
Glaves, A. H.....5342	Gohr, G.....9947	González Fleites, F..16608	27664, 28637
Glavin, J. J.....1276	Golia, G.....8800, 10701-2	González Maiz, J. C..13046	Gordon, P. E....428, 25939
Glazener, E. W.....22604	Goidanich, A.....12791	Gonzalez Pastor, M...21703	Gordon, R. F....2780, 7468,
Glazewski, A. J..24213-14,	Goidanich, G.....9929,	González Q., J.....28009	14521, 17314-15
28783	10350, 15931	González Rebollo, A.....	Gordon, R. M.....7899
Glazier, L. R.....13411,	Goidsenhoven, W. van.....	19034	Gordon, W. A.....9476
24012	21203-5	Gonzzin, C.....17777	Gordon, W. E.....26388
Glazovskaja, M. A....26923	Going, C. G.....5810	Gooch, E. G.....29146	Gordon, W. M.....18029
Gleasor, H. A.....10202,	Gois, E. R.....3412	Good, E. S.....23759	Gordon Inst. of Technol.,
20697	Goke, A. W.....20173	Good, F.....21147	Geelong, Victoria...29502
Gleason, J.....12999	Gokhale Inst. of Polit.	Good, G. H.....16995	Gorelov, V.....9091
Gledhill, A. W.....27832	and Econ.....8369, 24586	Good, N. E.....12738	Goresline, H. E.....8944,
Gleim, E.....25101	Goldberg, L.....28105	Goodacre, W. A.....12481,	24470
Gleissner, B. D.....28786	Goldblatt, L. A.....34	17778	Goret, F.....11750
Glembotskiy, I.A.....7622	Goldhaber, G.....7486	Goodale, R.....25091	Gorham, R. P.....3580
Glewen, L. E.....7185	Golding, C.....16568	Goodall, D. W.....1018,	Gorini, C.....8517
Globa, A. G.....28528	Golding, D.....25064	10543	Gorman, M. J.....1213
Gloor, G.....7849	Golding, F. D.....12824,	Goodall, G.....654	Gornés Gómez, H.....22287
Glorie, H.....20578	23371	Goodban, J. W. D.....4649	Gorodkov, B. M.....6171
Glover, Sir H.....21898	Golding, J. A.....21990	Goodchild, C.....12213,	Gorodkov, B. N.....20898
Glover, J. S.....2778	Golding, N. S.....18575	22792, 27753	Gorrie, C. J. R.....2643,
Glover, K.....24934	Goldsby, A. I....2774, 3001	Goode, W. E.....26924	3641, 7147, 16996-7,
			22404, 22830-1



Item	Item	Item	Item
Gorrie, R. M.....1967	Granda Aspra, J. A....2385	Gt. Brit. Dept. of Overseas Trade..29147,29343-6	Gregg, C. I.....6842,21565
Gortner, W. A.....12337	Grande Covian, R.....21863	Gt. Brit. Design of Dwellings Sub-Com...15152	Gregg, R. E.....18082
Gorton, E.....18454	Grandfield, C. O.....243	Gt. Brit. Imp. Inst. Consultative Com. on Insecticide Mater. of Veg. Origin.....7716	Gregory.....4203
Goss, A. S.....3919,24642	Granditskiĭ, F.....24760,26568	Gt. Brit. Min. of Agr. and Fisheries...918,1676,3222,6920,7148,9959,11656,12413,18978,23028,23169,23654,26904,27941	Gregory, E.....15239
Goss, H.....22192	Grandjean, F.....7893-7,12572-6,17875,27996	Gt. Brit. Min. of Ed..25982	Gregory, H. A. C.....9187
Goss, W. H.....9552	Grandori, R.....582,12826,12888-9	Gt. Brit. Min. of Food....12534,25056	Gregory, J.....24078,24088,28289
Gossom, R. B., Jr....25472	Grandstaff, J. O.....4160,8632,24090	Dehydration Div. Tech. Staff.....18833	Gregory, J. M.....11482
Gosudarstvennaia Komissia po Elektrifikatsii Rossii	Granelli, G.....16806-7	Gt. Brit. Min. of Health...9876,15151	Gregory, L. E.....10586
18390	Grange, C.....2860,7533,9235,13880,14233,17275,22720,23728,27665,28374-5	Cent. Housing Adv. Com..5770,15152	Gregory, P. H.....6097
Gotaas, H. B.....24590	Grange, L. I.....11206	Gt. Brit. Min. of Town and Country Planning....9900,15152	Gregory, P. W.....27352
Goth, A. G.....19950	Granger, A.....22042,27130	Gt. Brit. Tech. Mission Appointed to Advise on Prod. of Artificial Fert. in India.....639	Gregory, R. H.....12286
Gottlieb, B.....19771	Granger, A. M.....12505	Greathouse, G. A.....5367,19887	Greig, A. M. W.....21268
Gottlieb, D.....6045	Granger, C.....8075	Greaves, C. V.....13599	Grène, G.....16049,21417,23606
Gouaux, C. B.....6390	Granger, W.....13129	Greaves, C. W.....28760	Grenier, P.....23246-8
Gougerot, M.....10147,10152	Grant, C. G. F.....5069	Greaves, R. E.....12102	Grenier-Darlu, G.....27850
Gougler, F. A.....8337	Grant, D.....9982	Greaves, T.....17702	Grensted, L. W..3097,17668
Gould, B.....17141	Grant, F. M.....9570	Grebe.....13069	Gressitt, J. L.....17934-8
Gould, C. J., Jr....26343	Grant, H. B.....13400	Greco, A.....23329	Greve S., G.....2386-7,2471,18907-9,19836,22235
Gould, F. W.....5941	Grant, R. M. W.....27950	Greco, J. E.....26130	Grew, E. S.....17703
Gould, G. E.....12874	Grantham, J. B.....7034,16646,22118	Greeley, W. B..11481,22092	Grey, C. G.....2783
Gould, G. N.....16998-9	Granville, J.....9036	Green, A.....13687	Grey, L. E.....26693
Gould, I. A.....4048-9,4122,13372,28598	Grassé, P. P..8107,12792,28233	Green, A. A.....12710	Grey, L. P.....28179-80
Goulden, C. H.....28286	Grassman, M.....4526	Green, D. E.....10351	Grey, O. L.....27803
Goulpier, I.....13039	Gratton, A.....12148	Green, D. F.....7149	Greyling, J. C.....21689
Goupils, P. L.....22948	Grattoni, S.....10101	Green, D. M.....14523	Griebel, C.....15583,16270
Gourley, J. H.....6429,6789,13558,16357	Gratz, L. O.....10545,16358,22193,26311	Green, E.....9277	Grierson, P. S..3318,17779
Goux, L.....12762-5	Grau, C. R.....7452,12081,17316	Green, E. E.....6514,16048	Gries, G. A.....17905,19811
Gouzon, B.....17125	Grau, F. V.....11255	Green, E. J.....17225	Griesbach, L.....16359
Gover, M.....14401	Grau, H.....15216	Green, E. L., Jr....26873	Griese, F.....24909
Govil, K. L.....9932	Grau, M.....24704	Green, G. W..11788,16899,27351	Griffin, B. J.....11789
Gowa, J. H.....3642	Gravatt, G. F.....5344	Green, H. H.....7634	Griffin, H. P.....2784
Gowanloch, J. N.....14001	Graves, A. H.....20915,21416	Green, I. J.....15292	Griffin, L. E.....22507
Gowder, M. T.....9844,18226,27057	Graves, F. W.....27418	Green, J.....1019,11256,11834,21780	Griffin, P.....11790
Gowen, J. W.....977	Graves, H. A.....6408,21300	Green, J. M.....10487	Griffing, J. B.....19035
Grabar, P.....17175	Graves, H. C. H.....5244	Green, O. H.....22602	Griffith, C.....2861
Grabar, L. F.....5709	Graves, H. S.....14660,19835,27143	Green, P. L.....4827,9294,25173	Griffith, C. L.....13299
Grace, C. W.....5768	Graves, J. T.....14234	Green, R. G.....22506	Griffith, M. E.....8051
Grace, L. B. A.....13807	Graves, M.....4826	Green, R. J.....28287	Griffiths, A.....18586
Grace, M. H.....10544,20982	Graves, R. E.....28435	Green, R. L.....14051	Griffiths, A. E.....20254
Gradin, H.....3703	Graves, R. R..2507,27350	Green, T. C.....2470,7675,27301	Griffiths, J. D.....15131,29232
Gradinaroff, L.....16197	Gravey, A.....22059	Greenan, G.....11507	Griffiths, L. A.....13922
Grady, H. F.....25032	Graw, L.....13559	Greene, E.....1460	Griffiths, R. L.....19333
Graeber, R. W.....15090	Gray, E. G.....876	Greene, H. C.....20744	Griffiths, T. A.....784
Graf, G. C.....2531	Gray, G. A.....9491	Greene, H. E. L.....9816	Griggs, C. L.....8543
Grafius, J. E.....5555	Gray, H. E.....22949	Greene, S.....4543	Griggs, H. H.....24221
Graham, C.....374-5,3581,12825,23479	Gray, J.....21080	Greene, S. E.....5031	Grigor'ev, M.....9295
Graham, E.....3006	Gray, J. M.....16436	Greenhaw, C. R.....18626	Grisby, B. H.....10546
Graham, E. H.....4497,24089	Gray, L. C.....14731,25018	Greenhill, W. L.....18698	Grillo, F. M.....14139
Graham, G. P.....13683	Gray, M. E.....2781,14522	Greenside, F. C.....12028	Grillo, H.....4828
Graham, H. A.....16952,23605,23760,23816	Gray, M. F.....9337	Greenway, P. J..682,26131	Grillot, G.....5311
Graham, J.....17830	Gray, P.....8976	Greenwood, A. W.....2782	Grim, R. E.....6737
Graham, J. P.....28162	Gray, P. F.....28529	Greenwood, T.....24544	Grimaldi, A...10760,10837
Graham, M.....26107	Gray, W.....23963	Greer, E. N.....1020	Grimes, C. W.....28870
Graham, M. D.....558,21779	Grayson, A. R.....7473,17556,27419	Greer, S. R.....11257,21781	Grimes, H. S.....21566
Graham, P. H.....2137,27190	Grayson, E. C..6513,10915	Greg, H. G.....24081	Grimes, M. A.....20347
Graham, R.....2478,3064-5,17325,27417	Graziano, A. A.....29016	Gregg, A. L.....3223,23029	Grimes, W. E.....18434
Graham, R. M.....1110	Graziers' Assoc. of N. S. Wales.....17586	Gregg, E. E.....7017	Grimmitt, H. W.....8349
Graham, S. A.....15563	Greacen, E. L.....16437		Grindley, D. N.....13848
Graham, S. G.....29367	Greaney, F. J.....10302		Grinewitsch, A.....22560
Graham, T. W.....6919	Great Atlantic and Pacific Tea Co.....28775		Grinnells, C. D.....9451
Graham, V. E.....23995	Gt. Brit. Bd. of Trade...15128		Grinovero, C.....9188
Graham, W.....4825,28686	Gt. Brit. Com. on Vet. Fract. by Unregistered Persons.....9959		Grinstead, W. T.....559,22793
Graham, W. D. M.....16764			Griot, M.....28074
Graham, W. E.....8750			Grisolia, E.....12048
Graham, W. P.....22719			Grisolia, E. H.....2862,12082,17276
Graham Pole, R. M..12483			Grison, M. P.....23143
Grahame, D.....8400			Grison, P.....10547,20983,28037
Grajdanzev, A. J....4711,29060			Grist, E. A....2644,11864,22574
Gram, M. A.....25057			Griswold, R. E.....16050
Grana, A.....7609			Grünner, V. S.....19036
Grand, R.....9336,14136-8,14370,14402,14659,24992			Grivanov, K. P..15229-30
			Groat, R. A.....2597



Item	Item	Item	Item
Groenewald, J. W....13457, 22194	Guest, P. L.....10103	Gury Dohmen, E. F....22236	Haddow, A. J.....23330
Groff, Mrs. F. C.....1461	Gueatal, J....7898,12875-6	Guseinov, D. M.....27084	Haddrell, B.....10917
Grogan, H. L.....8977-8	Guevara, J. M.....877	Gusellotto, A.....9513	Hadert, H.....5774
Groh, H.....741,11095	Guevara C., E.1837,14039, 19224,24629	Gusler, G.....14140	Hadgialy, M.....14141
Grom, M.....27666	Guevara Velasco, A...28756	Guss, C. O.....20090	Hadley, C. H.....22940
Gröne, L.....23690,28268	Guevara Williams, L...9296	Gussak, V. B.....11367	Hadlington, E....1214,2864, 7415,12049-50,13090, 22724,24828,27668-9
Grosch, D. S.....3535	Guffroy, C.....10153	Gustafson, A. F.....414, 3710,12988,20427	Hadorn, C.....27076
Groseclose, H. C.....22169	Gugowa, A. D.....4912	Gutfeld, S. P.....27113	Hadorn, E.....23249
Gross, C. E....13826,24381	Guha, M. P.....26417	Guthrie, C.....3728	Hads, H. L.....26541
Gross, D. L.....408,15754	Guha, R. C.....1103	Guthrie, E. S..18577,18630	Hadsel, W. N.....25033
Gross, E. F.....28396	Guhl, A. M.....22721	Guthrie, J. A.....18422	Häfliger, E.....17704
Gross, F. C.....1152	Gui, H. L.....12448,22990	Guthrie, J. E.....7262	Haenseler, C. M.....10353
Gross, M. Z....9420,14578	Guibé, J.....12568,12577, 12701	Guthrie, J. F...8633,24092	Häslar, H.....27952
Gross, O.....9124	Guignard, P.....23504	Guthrie, M. L.....20452	Hafen, L. R.....20608
Grossfeld, J.....13998	Guignot, F.....12630-1	Gutierrez, G.....6704-5	Hagan, A.....14235
Grossmann, J. P.....21418	Guilbert, H. R...2532,7307	Gutiérrez, R.....12632-3	Hagan, A. R.....24781
Grosswiler, C.....28351	Guilbot, A.....13685	Gutiérrez, M.....10830	Hagander, H....19121,24494
Groth, A. H....11846,27302	Guild, J. D.....9297	Gutierrez C., J. J...1321, 10830	Hagedorn, D.....9434
Grottanelli, V. L....13212	Guilhon, J.....8519	Gutowska, M.....19083	Hagen, C.....7717,22112, 26345,28245
Groulade.....27420	Guillaume, A.....8751-2, 13999,25174,27888	Guttenberg, H.....26493	Hagen, R. M.....28495
Grout, A. J.....20733	Guillaumin, A....622,5942, 9421,10154,10203-4, 12955	Gutteridge, H. S....7453, 17317	Hagerman, L. W..6515,16052
Grout, G. P.....2661	Guillebon, G. de....13000, 13947,14074,14469, 24666	Guy, R. E.....22722	Hagerup, L. W.....12926
Grover, E. B....4187,26011	Guillemet, R....8789,9023, 13183,13586-7,13684-5	Guyomarc'h, E.....13948	Haget, A.....23160
Groves, A. B.....15970	Guillemot.....21768	Guyon, G.....10624,11258, 26963-5,27085	Haggard, C. L.....11792
Groves, G. R.....10102	Guillermo Palmieri, F.... 21782	Guyon, M. G.....11207	Haggard, J. St. C...17466
Groves, J. W...10302,10352	Guilliermond, A.....10548	Guzmán, D. C.....18227	Haggerty, J. J.....4829, 14236,25207,29485
Growers Admin. Com...29503	Guillichon, L.....21900	Guzmán, L. G.....17557	Hagle, F. O.....16438
Grubbs, S. F.....26583	Guillot.....27433	Guzmán N., D. A.....21419	Hagood, A.....19900
Grünigen, F. von...12484	Guimarães, A. P....19336, 28432	Gwaltney, E. C.....4188	Hagood, M. J.....29496
Grünwald, O....26012,26094	Guimarães, R. B.....8076	Gwatkin, R....17318,22666, 22888	Hahn.....21229,21420
Grummer, R. H.....25965	Guimont, A.....11523	Gygli, K.....7780,27951	Hahn, H.....16901
Grummitt, O.....4544	Guinaudeau, J.....21783	Gyle-Thompson, H....2951	Hahn, W.....37792
Grundström, S.....4767	Guinet, C.....10916	Gyllenskiöld, B. Carlheim- See Carlheim-Gyllenski- öld, B.	Hahne, D.....22316,23729
Grundt, J. H.....18030	Guinochet, M.....10205	Gyrisko, G. v.....12414	Haig, E. F. G.....24847
Grunert, C.....12864	Guinot, H.....8440,22107	Haack, J. O.....12239	Haig, I. T.....11483
Gruzev, G. I.....26925	Guiraud, P.....18039	Haag, H. M....4875,5525, 8836	Haines, E.....27210
Gruzel, F.....14691	Guitonneau, G.....13412	Haag, J. R.....2443,27304	Haines, H. M.....17118
Grysz, V.....11710	Guitonneau, G.....8518, 13431,18509	Haak, P. J.....15058	Hainsworth, R. G....29440
Gschwind, J. J.....5134	Guise, C. H.....1111	Håkansson, R.....5312	Haislip, M. P.....16053
Gudagnin, L.....1611	Gulati, A. N.....24091	Hård av Segerstad, F.... 26167,26200	Haist, A. H.....25895-6, 25898-9,25900-9
Guard, B.....11762	Gull, P. W.....5511,28269	Haardick, H.....20876	Hake, H. B. E.....4625
Guard, S. R....5293,14282	Gulley, P. E.....12293	Haas, A. R. C.....10549, 15644,20985,21021, 26494	Halais, P.....29406
Guard, W. F.....12029	Gum, O. B.....1021	Haas, V. H.....3489	Halbrook, E. R.....2865
Guardasoni, M.....11836	Gumbel, E. J.....25219	Haasis, F. W.....683	Hale, C. W.....12222,13291
Guareschi, C.....23170	Gunderson, G. K.....7027	Habaragoda, J.....16900	Hale, F.....3082,12318, 12359-60,17623
Guarna, L.....27303	Gunderson, H..22950,23248, 25175	Habeeb, H.....790	Hale, F. C.....12415
Guarnieri, J. C.....23871	Gunderson, N. O.....7261	Haber, A. B.....27889	Hale, O.....16360
Guatemala, Secretaría de Agricultura.....15214	Gundlach, G. P.....13339, 24013	Haber, W.....20485	Hale, R. W.....2687
Guba, E. F.....824,26344	Gundlhuber, W.....23628	Haberler, G.....20485	Haley, W. C.....13739
Gubarev, E. M.....18419	Gundry, B. G.....28297	Haberly, M.....359-60, 15056,20388	Haley, W. E.....17924
Gubareva, N. A.....18419	Gunina, L.....5070	Habibullah, M.....6699	Hall, C. J.....13560
Gubellini, M.....14314	Gunn, D. L.....28038	Habif, N.....23655	Hall, C. K.....1968
Gubin, A. F....1180,7779	Gunn, G. D.....19337	Habrich, R. J.....27017	Hall, C. N.....20312
Gudheim, A. R.....8422	Gunness, C. I....5502,9682, 14986,25740	Hachenberg, F.....21081	Hall, D. F.....1462
Gudme, S.....19334	Gunson, M. M.....3413	Hackbarth, J.....10019	Hall, D. M.....3729
Guébriant, de.....9125	Gunter, E. P.....19679	Hacker, C.....23872	Hall, E. E.....21784
Guedes, J. F.....23931	Gunther, F. A...3138,15708	Hackleman, J. C....25842, 25866	Hall, E. G.....8721,8771, 13600
Guédon, A.....11147-8, 21655,22932	Gupta, J. C. S.....20984	Hackney, H. H.....5025	Hall, E. K.....27815
Guendulain.....4350	Gupta, R. B.....13234	Hacquart, A.....20986	Hall, E. M. G.....12294
Guengerich, H. W....21301	Gupte, D. J.....17035	Hadary, G.....13201	Hall, F.....4768,14738
Günter, E.....11711	Guptill, C. C.....19871	Haddon, C. B.....4189	Hall, F. L.....3651
Günther.....12030	Gurevich, A.....29188	Haddon, E.....19137-8	Hall, G.....17558
Guenther, E....8905,11096, 13849-50,19037-8, 24408-9,28939	Gurland, J.....29379		Hall, G. O.....24462,27614
Guercio, G.....15932	Currier, V.....16051		Hall, H.....14200
Guérin, B.....18834	Gurtz, R. F.....24410		Hall, H. H.....8392,19942
Guérin, B. C. de....8934			Hall, H. S.....8271
Guérin, H.....23197			Hall, H. T. B....7372,8885
Guerra, D. R.....24557			Hall, I. F.....24667
Guerra, G. del....14524			Hall, J. A.....20091,28298
Guerra y Sánchez, R..26013			Hall, J. B.....1463
Guerra Filho, A.....22881			Hall, J. T.....16631
Guerra Filho, D'A...19335			Hall, J. W.....1379
Guerrant, N. B.....19796			Hall, M. A.....10918,20640
Guerreiro, R. T. C...27353			
Guerritore, P.....10070			



Item	Item	Item	Item
Hall, M. D.....3810,13897, 19772,27276	Hammond, J. W.....11622	Harding, T. S.....5447-8, 8371,9380-2,24783, 24934,25455	Harris, H. M.28134-5,28139
Hall, M.....19557	Hammond, L. D.....24532,28496		Harris, J. R.....14971
Hall, N. M.....17413,27605	Hammond, R. A.....558		Harris, J. W.....19744
Hall, N. S.....20176	Hammond, R. E.....7536	Harding, W. A.....14579	Harris, K. L.....13184
Hall, R.....5349	Hammonds, C.....15130	Hardison, J. R.....6100, 15395,20868,26346	Harris, L.....2303
Hall, T. D.....21785	Hamner, A. L.....7718,17939	Hardistry, H.....7537	Harris, L. D.....7186,27329
Hall, T. E.....19122	Hamner, C. L.....11079,26441, 26495	Hardistry, R. J.....22727	Harris, L. E.....27892
Hall, W. F.....9299	Hamner, K. C.....15725	Hardisty, H.....7538,12150, 17277	Harris, M. D.....14731
Hall, W. J.....19976	Hampshire, P. G.....28638		Harris, M. R.....11392
Hall, W. L.....19838,22043, 29407	Hampson, E. K.....1215	Hardisty, R. J.....22728	Harris, R. H.....8791,13686
Hall, W. T.....11793,12240	Hampton, W. B.....15119	Hardman, N. F.....18010	Harris, R. S.....5236,14525, 14570
Hallaauer, F. J.....16636	Hamy, A.....11190	Hardouin, R.....12416,12795	Harris, S. C.....9422
Hallbrook, E. R. See Halbrook, E. R.	Hancock, E. E. I.....16808	Hardt, C. V.....28969-72	Harris, S. E.....533,8432, 20485
Halle, H. G.....22372	Hancock, F.....53,14824	Hardy, E.....7991,10106, 13610,18170,24411	Harris, S. K.....5944
Halle, J.....15833	Hancock, J. J.....22460	Hardy, F.....4473,4519,4650, 8979,9383,11150,11259	Harris, T. H.....19997
Halle Barcelo, R.....14020	Hancock, J. K.....18228	Hardy, G. A.....14617,15365	Harris, T. M.....26132
Haller, H. L.....12389,17695, 22951	Hancock, W. G.....11025	Hardy, G. H.....3458-9	Harris, T. W.....22237
Haller, M. H.....28787	Hancock, Wis., Expt. Farm. See under Wis. Agr. Expt. Sta.	Hardy, S.....1838	Harris, V.....8459
Hallett, D.....7416	Hand, C.....19338,19713	Hardy, W. J.....11794,16902	Harrison, F. A.....7035
Hallett, E. H.....21230	Hand, C. H.....4138,17000, 19189	Hardy, W. L.....7059	Harrison, G., Jr.....12535
Hallett, Sir M. G.....23905	Hand, J., Jr.....4190	Hare, E. R.....19509	Harrison, G. J.....10366, 18699
Hallgren, G.....11169,11321	Handa, K. L.....6699	Hare, J. E.....3460	Harrison, G. R.....3673
Hallgren, H.....17068	Handley, R. D.....3907	Hare, W. W.....21012	Harrison, J.....2388
Halliday, I. G.....8487	Handley, W. P.....17831	Hargrave, H.....2426	Harrison, L.....18342
Hallman, L. F.....5240	Handley, W. P.....17831	Hargreaves, S.....13773	Harrison, L. R.....9751
Hallows, H.....12149,22725, 27670	Handy, C.....9277	Haring.....17655-6,22195, 22867	Harrison, L. R.....12286
Hallows, R. J.....2866,17386	Hankins, O. G.....9562, 14730,24349,24362	Haring, C. M.....11865,17002	Harrison, M. W.....12286
Hallows, V. C.....17387	Hankinson, H.....1464	Harker, D. H.....11323	Harrison, R.....5870
Halnan, E. T.....3048,20549	Hanks, E. K.....4769	Harkness, D. A. E.....3878, 9877	Harrison, R. W.....24848
Halperin, A.....8790,9236	Hanley, F. W.....14539	Harlan, C. L.....4441,4527	Harrison, T. B.....9740,24014
Halpin, J. G.....7448	Hanley, Mrs. W. S.....26764	Harlan, P. W.....1886,21269	Harrold, L. L.....26890
Hamalainen, C.....303	Hanmer, C. C.....15394	Harland, S. C.....1216	Harsch, G.....7658,12312
Hambridge, G.9536,19903-4, 25253,27890	Hanna, W. F.....19839	Harlow, W. M.....10155	Harsh, G. F.....15324
Hambleton, E. J.....12793-4	Hannah, J. A.....19601	Harman, L.....4730,5135	Harshfield, G. S.....27833
Hambleton, J. I.....12485, 17780	Hannas, H. H.....24369	Harman, S. W.....3583-4, 12827-8,20325	Hart, A.....21991
Hamblin, S. F.....10104-5, 21421-2,26763	Hannas, R. R.....13898	Harmer, P. M.....27092	Hart, C. J.....21656
Hambllyn, C. J.....11322, 16439,23711	Hannesson, H. A.....9661	Harmer, W.....12151	Hart, C. F.....17391,27671
Hamel, G.....10275	Hanning, G. F.....29313	Harmon, E. M.....4077,14580, 18551,19773,25108	Hart, E. B.....2739
Hamence, J. H.....11445	Hansberry, R.....22952,22977	Harmon, G. E.....17605	Hart, F. L.....13185,28497
Hamet, R.....10204,10206, 15364	Hansbrough, J. R.....5461	Harmon, H.....22411	Hart, G. H.....2532,7176, 17552
Hamilton, C. H.....14403, 15129	Hanschell, E. M.....23335	Harmon, K. S.....5811	Hart, R. A.....21865
Hamilton, C. L.....12927, 18194,23578,28251	Hansen, A. A.....27733	Harmon, R.....13501	Hart, T. S.....10156
Hamilton, C. M.....22667	Hansen, D.....5529	Harmond, J. E.....19884	Hart, V. B.....4731,9237, 14040,24849
Hamilton, D. G.....1146	Hansen, E.....17388,24782	Harnston, F. C.....7992	Hartard Ebert, M.....4442, 8452,18852,23852
Hamilton, D. W.....3582	Hansen, E. L.....3855	Harney, W.....7781	Hartel, H.....17319
Hamilton, F. W.4108,13413	Hansen, F. E.....20346	Harney, M. H.....7990	Harter, L. L.....26377
Hamilton, G. H.....15994	Hansen, H. C.....5492	Harold, L. L.....27073	Hartley, A. W.....13687
Hamilton, H. G.....8722-3, 24186	Hansen, H. N.....6098	Harper, E. A.....2194	Hartley, L. S.....29230
Hamilton, J. M.....843	Hansen, H. V.....15808	Harper, F. A.....8401,8416	Hartley, M.....5533
Hamilton, J. W.....26584	Hansen, P.....22853	Harper, H. J.....16402	Hartley, M. L.....267
Hamilton, R. J.....1906	Hansen, R. S.....17389	Harper, J. A.....7529	Hartman, E. A.....16411
Hamilton, T. K.....4076,8544	Hansford, C. G.....825	Harper, R. M.....745,5943	Hartman, F. A.22158,27205
Hamilton, T. R...306,8837, 13500	Hansing, E. D.....6099,15486	Harper, R. W.....8108	Hartman, J.....1839
Hamilton, W. J., Jr..27256	Hanslow, H.....16440	Harper, S. O.....16442	Hartman, W. F.....3730
Hamilton, W. M.....4004	Hanson, A. M.....15584	Harrar, J. G.....10324	Hartmann.....18552,24705
Hamlin, H. M.....19600,24935	Hanson, L. S.....17604	Harrel, C. G.....14583,18871	Hartmann, A.....13300
Hamly, D. H.....28299	Hanson, N. S.....408	Harrington, C. L.....15739	Hartnett, G. F.....8906, 13561
Hammaraskjöld, B.....4876	Hanson, R. M.....17390	Harrington, J. A.....17226	Hartogensis, H.....7539, 13130,18381,28407
Hammer, B. W.....28632	Hanson, S. W. F.....4577	Harrington, J. B.....4094, 15774	Hartung, A. M.....22574
Hammerberg, D. O.....25	Hansson, A.....17001	Harrington, L.....1613,5071, 8684,18764	Hartwell, G.....16055
Hammon, W. M.....18031-2, 27891	Hansson, N. B.....2230	Harrington, W. C.....5598- 602,15067,18341	Hartzell, A.....3165
Hammond, E.....14692	Hanten, A. J.....13432	Harris, A. H.....3224	Harvey, E. N.....23171
Hammond, J.....2238-9,3007, 28898,29368	Haraldson, A.....23579	Harris, A. W.....7361	Harvey, J. E.....2989
Hammond, J. C.....7474,22652	Harant, E.....12702,23250	Harris, C. E.....4580	Harvey, J. R.....493,2732, 4581,8935,19084
	Harari, A.....12241,27768	Harris, E.....127	Harvey, N. P.....1465,21423
	Harbord, E.....7105	Harris, F. R., Inc.....10049	Harwood, L. W.....19433
	Harbord, W. L.....13001	Harris, G. C. M.....6765, 25109	Harwood, P.....27421
	Hardenberg, W.....18938,28871	Harris, H. C.....1022,26950	Harwood, P. D.....7262,23304
	Harder, H. J.....12214,22788	Harris, H. J.....13433	Harwood, W. L.....27100
	Harder, R.....20594		Hasel, A. A.....5434
	Hardesty, J. O.....6936		Haselatine, Mrs. E. R.1466
	Hardgrove, D. T.....16054		Haseman, J. F.....5523
	Hardin, L. S.....19270-1		
	Harding, L. W.....4486,24327		
	Harding, P. L.....5366,28787		
	Harding, S. T.....16441		



Item	Item	Item	Item
Haseman, L.....23480	Hawkins, E. A.....14237	Hedayetullah, S.....26585	Hemming, H. G.....10615
Hashmi, M. H.....11026	Hawkins, F.....24495	Hedenburg, O. F.....22953	Hemphill, J.....5350, 5353-5,
Haskel, M.....3939, 28469	Hawkins, F. M. B.....12286	Hedges, M.....19165	5357, 5359, 5361
Haskell, R. J.....10302, 14819	Hawkins, L. A.....1969	Hédin, L.....10020, 10414	Hemphill, P. V.....13235,
Haskell, W. B.....23964	Hawkins, P. A.....2785,	Hedlund, G. W.....8486, 18554	14361, 18468
Haskin, L. L.....5945	7633, 25911	Hedrick, U. P.....20579	Henao Jaramillo, J.....6707,
Haskins, F.....24222	Hawkins, R. S.....216,	Hedrick, W. P.....29033	26014
Haskins, J., Jr.....4545	20255, 24094	Heebink, B. G.....16706, 20092	Hendershott, R. A.....2474,
Hasler, W. T., Jr.....17320	Hawkins, W. T.....28435	Heebink, G.....2534	7264, 11959
Hasper, E.....6830	Hawley, I. M.....3414	Heebink, T. B.....20098	Henderson, B.....17606-7
Hassan, S. R.....17003	Hawley, W. W., Jr.....18553	Heelis, A. J.....28408	Henderson, C.....8862, 19745,
Hasselbach, W. von.....18435	Hawthorn, F.....26653	Heep, F. W.....7648	22319
Hasselman, H. F.....9037	Hawthorn, L. R.....16361	Heermance, E. L.....7050	Henderson, D.....7540
Hasselstrom, T.....2195	Hawthorne, J. R.....19076,	Heermans, M. F.....1127	Henderson, D. C.....452, 12178
Hassid, W. Z.....4624	24350	Heetebry, P. T.....2979,	Henderson, F. Y.....604
Hasson, R.....2472-3, 8234	Hawtrey, R.....6517	17467, 27734	Henderson, G.....1470, 6518,
Hastings, A. H.....22788	Hawtrey, R. G.....25983	Heffernan, C. A.....5136	21657
Hastings, E.....23082	Hay, R. C.....20391, 25873,	Heger, A.....6998	Henderson, G. B.....4830
Hastings, F. S.....22304	28377	Hegsted, D. M.....12083, 14550	Henderson, H. B.....4005,
Hastings, L. C.....28376	Hayaux du Tilly.....24224	Heid, J. L.....8753	28618
Hastings, S. H.....5529	Haydak, M. H.....386,	Heidendahl, N. M.....4192	Henderson, H. O.....4006
Hastings, W. H.....26104	3226-7, 17781, 19774,	Heidermann, K.....12486	Henderson, L.....19225
Hastings, W. R.....9994,	27953	Heighway, P.....18264	Henderson, M. R.....15366
10811, 16056, 21424-5,	Hayden, C. A.....18436, 25066	Heim, R.....10283	Henderson, F.....23172
26675-6	Hayden, C. C.....276, 7118,	Heim de Balsac, H.....19086	Henderson, R.....7417
Hatch, D. S.....20476	7124, 7126	Heimann, E.....5734	Henderson, R. G.....26861
Hatch, M. B.....22467	Hayden, W.....8545	Heimann, W.....14581	Henderson, S. J.....22320
Hatch, R. D.....2598	Haydon, H.....23730	Heimbürger, C. C.....8109	Henderson, T. G.....8546
Hatch Dairy Expt. Sta.	Hayes, E.....6997	Heimings.....21051, 21149,	Henderson, V. E.....17926
Farm.....14989	Hayes, H. K.....10358, 21082	23751, 24051	Henderson, W. F.....18124
Hatcher, E. S. J.....20987	Hayes, J. B.....2867, 4582,	Heiming, E.....21052	Henderson, W. J.....6148
Hatesaul, E.....24850	27672	Heimpel, L. G.....11369,	Henderson, W. M.....26555,
Hatfield, S.....1467-8, 6706,	Hayes, J. M.....19339	24851, 28270, 29441	27298
10919	Hayes, R. A.....17695, 22951	Heine, A. C.....28325	Hendon, F.....22882
Hathaway, C. R.....17995	Hayes, R. W.....20287	Heinemann, W.....27395	Hendren, M. Z.....5072
Hathaway, I. L.....264	Hayes, W. B.....6411, 21270	Heiner, M. K.....8293	Hendrick, A. R.....12419
Hattingh, C. C.....23509	Haygood, T. F.....19251, 19951	Heinicke, A. J.....4272	Hendricks, F.....4770
Hatzfeld, G.....2952	Hayhurst, J.....14404, 23731	Heinkel, F. V.....9338	Hendricks, H. E.....5694,
Hauber, U. A.....23251	Hayne, D. W.....9684, 9686	Heino, W.....7851-2	20453-4
Haubrich, W.....22317	Hayner, N. S.....2121	Heinrich, C.....3585	Hendricks, S. B.....11151,
Hauck, C. W.....13213	Haynes, J. D.....16538	Heinrich, F.....6738	15675, 28995
Hauck, J. F.....9798	Hays, F. A.....251, 12051	Heinrich, H.....14041	Hendricks, W. A.....19952
Haudricourt, A. G.....10020	Hays, J. G.....14075	Heintzleman, B. F.....20093	Hendrickson, B. H.....1840,
Hauge, S. M.....2723, 2743	Hays, L.....9223	Heinze, P. H.....9679	6891
Haughey, L.....3319	Hays, T.....27673	Heinzelman, D. C.....19059,	Hendrickson, G. O.....826
Haughey, L.....3225	Haystead, L.....494	28951	Hendrickson, R. F.....13166-7
Haughton, J. M.....6221	Hayward, C. J.....12766	Heise, H. A.....23803	Hendrix, A. T.....23761
Hauptvereinigung der	Hayward, J. W.....27390	Heiser, C. F., Jr.....20698	Hendrix, G.....3732
Deutschen Gartenbauwirt-	Hayward, K. J.....8052	Heiser, D. G.....20745	Hendrix, G. E.....14270
schaft.....9933	Hazanoff, A.....18765, 28736	Heishman, R. C.....23516	Hendrix, J. M.....2536,
Haury, E. W.....21866	Hazard, F. O.....8134	Heisig, C. P.....5382, 18872	11915, 27456
Hauser, G. H.....13373, 28447	Hazel, L. N.....2992, 4223,	Heit, C. E.....1023, 10654	Hendrix, J. W.....6629, 20273
Hauser, H.....7263	22836	Heitmann, F.....6975	Hendrix, W. E.....14967
Hauser, P. M.....9527	Hazelwood, C. E.....17519	Heitzmann, F.....1097	Hénin, S.....1743, 11123,
Hausrath, H.....22022	"Eazera" Assoc.....16199	Helander, E.....26832	11302, 26892
Haussmann, G.....10695	"Eazera'a" Co.....6632	Heline, O.....9038	Hening, H. H.....24329
Haussmann, K.....3861	Headley, F. H.....5533, 14993	Heilbach, R.....4221	Henke, L. A.....234
Haution, R.....13740, 16871,	Headstrom, R.....3098, 12829,	Fellberg, A.....16757	Henkel, L. R.....19434
22461	23105, 27997	Heilbc, E.....4330, 4635	Henkels, P.....26041
Hauzeur, R.....13688	Heale, W.....7475	Heilbusch, C. E.....2535,	Henley, H.....4443, 8980
Havern, J. J.....25780	Health, W. E.....24871	2990, 7362, 22318,	Henley, H. S.....13787
Havighorst, C. R.....18609,	Healy, A. J.....6241, 11063-4	27455	Henneberg, O. H.....11662
24223	Healy, P. F.....3731	Helleday, T.....16759	Hennessey, J. F., Jr.....
Hawaii. Agr. Expt. Sta.....	Heard, H. C.....29314	Feller, H.....3228, 7782	5171, 24591
233-4, 14969, 20273	Heare, G. E.....25034	Feller, V. G.....288, 17544,	Hennessey, R.....1471
Hawaii. Univ. Agr. Ext.	Heath, A.....5824, 11368,	20338, 22635	Hennig, K.....18510
Serv.....5569-72, 9769-72,	16404	Hellier, F. F.....23106	Hennig, W.....19714
15038-54, 25599,	Heath, M. E.....1970, 16490	Hellinger, E.....15732	Penning, C. N.....29347
25807-16	Heath, O. V. S.....6663,	Hellings, M. L.....1469,	Penning, E. G.....8838, 13741
Hawaiian Sugar Planters'	10551, 18343	16057, 21829	Penning, F. D.....6322
Assoc. Expt. Sta.....24515,	Heatherington, D. F.....5170	Helliwell, E. H.....4193,	Penning, W. L.....3019
29018	Heaton, E. B.....4583	8634, 13502	Henny, R.....15367
Hawk, E. P.....28498	Hebard, M.....18154	Hellkötter, F.....24328	Henrici, M.....11712,
Hawker, H. W.....4191	Hebert, L. F.....6387	Heim, C. A.....5520	26496, 27778
Hawker, L. E.....10550	Hébrard.....21195	Helman, M. B.....13535,	Henry.....3368
Hawkes, A. D.....6516, 10246,	Heck, M. C.....3940, 17657	20546, 24134	Henry, A.....8519
21426	Hecker, H. E.....6897	Helsel, W. G.....13186	Henry, A. H.....9675, 22629
Hawkes, M. E.....1887,	Heckman, J. H.....8423	Helt, D. L.....21150	Henry, A. M.....13301
2533, 4270	Hecox, A. W.....12152	Hely, P. C.....12877	Henry, C. A.....17468
Hawkin, S.....28973	Hector, J. M.....4271	Hemming, F.....17669, 27854	Henry, E. F.....25485



Item	Item	Item	Item
Henry, G.....15086	Hertig, M.....3461	Hicks, J. H. C.....27843	Hind, R. R.....13952
Henry, G. M.....3617-21	Hertslet, J.....6899,11371	Hicks, O. C.....16362	Hindmarsh, P.....19603
Henry, J. A.....14201	Hertz, R.....17278	Hide, J. C.....14919,16363	Hindmarsh, W. L.....11795
Henry, K. M.....25095, 25110-13	Hertzig, H. B.....22785, 27735	Hiesey, W. H.....10453	Hindus, M.....24706
Henry, M.....17201,22238	Hervey, G. E. R.....20321-2	Higbee, E. C.....1781,10043, 21022	Hine O'Leary, E.....3626
Henry, P.....13168	Hervey, J.....2622	Higbee, H. W.....3733,20167	Hiner, R. L.....24349
Henry, R. S.....29189	Herviaux, J.....21965,27008	Higginbottom, C.....23987	Hinkle, C. N.....8272
Henry, W. W.....8510	Herviaux, J.....16236,18859, 21069	Higgins, B. H.....13070	Hinkle, J. G. E.....17099
Henry Mill & Timber Co..... 605	Herwig, A. F.....13131	Higgins, F. H.....4397,13951, 15775,18873,23636, 28271	Hinner, E. F.....8636
Hensel, E. L.....5137	Herzer, F. H.....8520,9423	Higgins, J. F.....10831	Hinrichs, A. F.....9521
Hensel, L. E.....9081	Herzog, T.....26258	Higgins, L. A.....6810,23656	Hinsdale, E.....15646
Hensel, R. L.....20350	Herzog, W. C.....27755	Higgins, L. J.....1153	Hinshaw, J. E.....13900
Hensley, G.....11971	Heseltine, M.....15	Higgins, T. C.....2869	Hinshaw, K.....17608
Hensley, H. C.....3941,4771	Heske, F.....6900	Higgins, V.....10957	Hinshaw, W. R.....2786, 12104,27625
Hensley, H. J.....17004	Hesler, L. R.....20747	Higgs, C.....2537,3674, 8236-7,17069,19467, 29148	Hinton, C. L.....28531
Hensley, O.....5295	Heslop Harrison, J. W..... 3586-8	High, J. N.....27546	Hinton, E. L.....28234
Hepding, L.....12338	Hesman, M. B.....27799	Highberger, J. H.....15181	Hinton, H. E.....3415-16, 7937,23174-5
Hepler, J. R.....1614,6323	Hess, A. D.....3490,3492, 3496,12741	Higley, M. L.....18939,27736, 27756-7	Hinton, J. B.....8637
Hepp D., R. G.....21083	Hess, E.....7100,19164	Hignett, S. L.....2496, 7280	Hinton, S. A.....2454,9739, 16903
Heppel, W. F.....8338,13616	Hess, H.....13998	Hilaire.....27244	Hipp, M. J.....4221
Hepper, H. C.....12878	Hess, K.....26418	Hilbert, F. L.....4513, 13820,24376	Hirmer, M.....26133
Hepperly, A. K.....13950	Hess, L. S.....4772	Hilbert, G. E.....19165	Hiroshige, H.....5569,25815
Hepting, G. H.....6,173,7076	Hess, R. W.....7039	Hilborn, M. T.....24242	Hirsch, A.....28974-5
Hepworth, M.....15056	Hesse, L. W.....15240	Hildebrand, A. A.....10302, 26279	Hirsch, D. E.....4007,23965
Herb, S. F.....13866	Hesse, R.....5871	Hildebrand, F. M.....26379	Hirschhorn, E.....6001-2, 20355
Herb Soc. of Amer.....1838	Hester, J. B.....827,11152, 26967	Hildebrand, F. C.....8784	Hirshfeld, A.....2734
Herbert, F. W.....6898	Hester, J. P.....746	Hildebrandt, A. C.....15645	Hirst, F.....8754
Herbert, G.....4154,4971	Heth, S. C.....4195	Hilder, M. H.....3942	Hirt, R. R.....10354,27198
Herbert, H.....11916,19435	Hetrick, H. F.....4078	Hilditch, T. P.....19040, 24393,25112	Hirt, W.....16201
Herbert, P. A.....22083,27257	Hetrick, J. H.....28639	Hildreth, A. G.....3229	Hiscocks, D.....2214
Herbolsheimer, A.....7853	Hetrick, L. A.....23495	Hill, A.....8311	Hiscox, E. R.....23988,24032
Herbat, E. J.....14597	Hettrich.....7783	Hill, A. F.....1615,10107	Hiscor, E. R.....23988,24032
Herbulot, C.....12830	Hetzer, H. O.....3037, 12313,22854	Hill, C.....14526	Hita, J. de.....14405
Herd, C. W.....24293	Heuburger, J. W.....2000, 6046-7	Hill, D. C.....2733,16764	Hitch, D.....15031
Heredia, E. A.....8177	Heuckmann, W.....13302	Hill, D. D.....6708,24558	Hitch, D. L.....18229,21992
Herman, A.....29263	Heuer, G. J.....6523	Hill, D. L.....12879	Hitchcock, A. E.....26497
Herman, C. M.....17983	Heuser, G. F.....14596,27584	Hill, D. W.....20610	Hitchcock, J. A.....4773
Herman, H. A.....17005	Heussi, G.....6101	Hill, E. C.....1472	Hitchner, E. R.....2787
Herman, L. M.....14142,28326	Hewitt, A. C. T.....7119	Hill, E. H.....7077	Hitchner, L. S.....3140,17705
Herman Frasc Found.....20540	Hewitt, A. S.....7401	Hill, H.....16200	Hites, B. D.....8816
Hermann, F. J.....15368	Hewitt, E. S.....91	Hill, H. D.....20641	Hitler.....13002,27886
Hermoso de Mendoza, A..... 24330	Hewitt, G.....6400	Hill, H. M.....6524	Hitler, H.....8755,14371
Hernaes, J. B.....2868	Hewlett, P. S.....12417	Hill, J. A.....5811	Hitters, J. C.....22567
Hernández, C. R.....3975	Hewson, C. W.....24332	Hill, L.....11713	Hixon, R. M.....24434
Hernández, E.....17782	Hey, A.....17940	Hill, L. H.....1473	Hixon, E.....3141,25942, 25944-5
Hernández, J. A.....28113	Hey, G. L.....9973	Hill, M. A.....7899	Hjertstrand, A.....2113
Hernandez, V.....6633	Heyne, E. G.....242,6099, 6319	Hill, M. W.....27114	Hlynka, I.....8238
Hernández A., E.....19039	Heys, F. M.....12595	Hill, O. J.....20461,23732	Hlynka, K.....24295
Hernández H., A.....28481	Heyse, T.....14315	Hill, R. E.....20304	Hoadley, J.....12153
Hernandez Naus, A.....27354	Heywang, B. W.....22729	Hill, S. F.....23823	Hoag, W. G.....29315
Hernández Robredo, L..... 6634,16534	Hiatt, S. W.....4273	Hill, T. B.....16443	Hoagland, D. R.....27093
Hernández Vidaurreta, M..... 11097	Hibbard, A. D.....5527, 9694	Hill, W. E.....4877,9300	Hoar, W. S.....1086
Herrndon, F.....29258	Hibben, R. C.....28577,28612	Hillier, J. C.....288,290, 3059,20338	Hoar, B.....10840,15549, 23762,28788
Herner, M. C.....22196-7	Hibben, S. G.....13132	Hillman, F. H.....14887	Hoar, W. R.....24150
Herold, R.....6519-22, 10920-3,16058-9	Hibbs, A. N.....24294	Hills, F. B.....22574	Hoar's Dairyman.....9960
Herrais, M. L.....14573	Hibbs, J. W.....11866	Hills, O. A.....68	Hoare, C. H.....9092
Herre, A. W. C. T.....5296, 20746	Hibon, G.....10207,10916	Hilmo, R. J.....17566	Hobbs, C. C.....10924
Herreid, E. O.....18576	Hickerson, R. B.....5697- 700	Hiltz, M. C.....9457	Hobbs, E. A.....18946,24333, 27758
Herrera, F. L.....1710	Hickin, N.....3139	Himebaugh, K.....19602	Hoberg, R. H.....5073
Herrerias T., A.....8953	Hickin, N. E.....23547	Himes, F. B.....9074	Hoblitzelle, K.....29061
Herrero, S.....23173	Hickman, B.....2145	Hinchcliff, K.....13071, 18325,18369,23711	Hobson, A.....500,8868, 29190
Herrick, H. T.....14693	Hickman, C. W.....17617, 22820,25687	Hinchcliffe, E.....24187	Hochbaum, H. W.....92,25389
Herrin, R. C.....7605	Hickman, E.....12295,13644, 28687	Hinchey, E.....12732	Hochberg, M.....19788,25114, 29422
Herring, G. C.....12361, 24331,27330	Hickman, I.....8635	Hinckley, W. D.....12796,23548	Hochberg, N.....1380,15512
Herrington, W. A.....25820	Hickman, V. V.....17876		Hochman, C.....18700
Herriot, R. I.....1972-3, 11370,21902-3	Hickok, R. B.....9672		Hockett, R. C.....4651,24516
Herrmann, R.....5775,6750-1	Hickok, W. H.....16679		Hockey, J. F.....10302
Herrod-Hempsall, W.....583, 12487	Hicks, E. W.....8389		Hockey, K. C.....12956
Hershcovitch, E.....1302	Hicks, G.....4985		Hocking, G. M.....1711
Hershey, A. L.....14995			Hodder, C. V.....28474
Hershey, N.....3862			Hodgdon, A. R.....20309



Item	Item	Item	Item
Hodges, F. A.....13580	Holbert, J. C..11796,17609	Home, L. C.....1475	Horse and Mule Assoc. of Amer.....2615
Hodges, L. M.....3943	Holberton, R. W.....5138	Hommell, R.....5818	Horsfall, J. G.....10308, 15431,19811
Hodgman, S. F. J.....16785	Holcombe, P. L.....3232	Homolle, A. M.....10208	Horst, M.....14406,19407
Hodgson, R. E.....60,7228, 9532,15308	Holdaway, F. G.....3142, 7720,17706	Honsky, H.....5269	Horstmann, D. M.....3481
Hodson, A. C.....15647	Holden, A. E.....3774,8350, 8936,24296,28658	Honaman, R. K.....13133	Horton, D.....22788
Hodson, A. Z.....25115	Holden, H. F.....16872	Honey, E. E.....15536, 20768-9	Horton, D. C.....4732,14143, 14760,19902
Hodson, P. C.....24936	Holder, J. van.....20580	Honeywell, E. R.....4685	Horton, D. H.....2735,9224, 18345,22730,24464, 28976
Hoefler, J. A.....288,20338	Holder, R.....22868	Honig, P.....4626,10043	Horton, R. E.....21867
Hoefle, W. H.....26765	Holderby, O. L.....18947	Honorio Bosaiio, J.....4274	Horvath, A. A.....7477
Högl, O.....8461	Holderer, M.....14527	Hood, E. G.....4050, 8238,28640	Horvath, S.....3962
Hoehn, D.....7719	Holdheide, W.....10468	Hood, K.....14238	Hosain, M. F.....11663
Hoekzema, J. P.21741,27355	Holdridge, L. R.....5888, 10415-16	Hood, M. M.....29492	Hosking, J. E.....26107
Höller.....16364,22581, 24225	Holdsworth, M.....6242, 6663	Hood, M. P.....29242	Hosking, J. S.....20264
Höller, B.....21194,22541, 22582	Hollaender, A.....978, 1024,1061	Hooley, E. D.....12155	Hoskins, R. N.....22170
Hoerner, J. L.....331,26312	Holland, A.....16062	Hooley, N.....9301	Hoskins, W. M.....9658
Hofer, P.....2331	Holland, C. A.....16202	Hooker, E. R.....4913	Hosley, N. W.....27248,27288
Hoff, C. C.....12578,23107, 27998-8000	Holland, C. W...9492,14661	Hooker, W. J.....10378	Hosmer, R. S.....19840
Hoff, N. J.....11592	Holland, H.....3233	Hooper, A. T.....2538	Hosterman, W. H.....4147, 18195
Hoff, P. R.....13003,28409	Holland, J. A.....8204	Hooper, J. A.....19406	Hostettler, H.....7229
Hoffbauer, F. W.....7339	Holland, W. E.....11763	Hooper, J. H.....7451	Hotblack, H. S.....6525
Hoffer, A.....9424	Hollande, A. C.....6194, 10469	Hooper, M. M...12536,23083	Hotchkiss, G. B.....28470
Hoffer, C. R.....5074,9683, 29284	Hollande, G.....6194	Hooper, O.....19558	Hotchkiss, N.....5407
Hoffer, G. N...1841,11219, 11260,26968	Hollander, W. F.....22668, 27631	Hooper, W. K.....8937	Hotschewer, C. E.....24709
Hoffman, Mrs. C.....16061	Hollatz, R.....17191	Hoover, C. D.....21786	Hott, N. M.....20447-50
Hoffman, C. S.....19436	Holle, A. H.....2514,7293	Hoover, G. E.....9364	Houch, H.....9878
Hoffman, E. J.....28657	Holler, D. F.....8638	Hoover, H.....8367	Houch, L. R.....11917
Hoffman, H. A.....7476	Holley, W. D..16063,20307, 21428-9	Hoover, M. D.....16444, 22082,27181	Houdelot, C.....2304,11714
Hoffman, I. C.....11192, 11226,11261	Hollinger, E. C.....14819	Hoover, S. C.....8135	Houdiniere, A....4008,8488
Hoffman, L. E.....19604	Hollinger, M. E..231,14582	Hoover, S. R...19116,24485	Hough, A. F...15564,22060
Hoffman, M.....13226	Hollis, L.....1474	Hope, C. R.....19398	Hough, B. V.....27737
Hoffman, M. B...1351,26498	Hollis, W. H.....12154	Hope, S.....4914	Hough, J. A.....9007
Hoffman, P. J.....19437	Holloway, J. W. T...4123	Hopkins, A. G...4547,8372	Hough, W. S.....3589,28140
Hoffman, W. H., Jr...1217	Hollowell, E. A...21151-2	Hopkins, D. P.....1842	Houghton, F. B.....14407
Hoffmann, A.....7938-40, 12635,21427	Hollstein, D.....17610, 27839	Hopkins, E. F.....6243	Hourigan, C. A.....2503
Hoffmann, C. H.....12636, 22954,23372	Holm, A.....12579	Hopkins, J. C. F.....828	Hourmouziou, S. L.....9934
Hoffmann, E.....2870,6938, 13091,17227,17631, 24463,25670	Holm, G. C...5493,20383-4, 20387	Hopkins, J. R.....10925	House, C. A.....2581
Hoffmann, H.....1381	Holm, G. E.....60,9571, 15308,18627,24033	Hopkins, R.....9021	Householder, G. M...11797
Hoffmann, J. A.....8839	Holman, A. T.....14819	Hopkins, R. H...9426,25116	Houser, H. A.....16064
Hoffmann, M.....10050	Holman, C. W.....4546	Hopkirk, C. S. M...12260	Houston, B. R.....6102, 15432,15487,15555
Hoffmeister, H.....24707	Holman, G.....3734,8285	Hopper, M.....18701	Houston, J.....25095
Hofflander, H.....15965	Holman, E. H...17006,27784	Hopper, P. E.....8150	Houston, S. N.....4196, 13503-4,18703-4
Hofmann, A.....6750,16584	Holman, L. E.....28394	Hopper, W. C.....18437	Hovanitz, W.....18125-6, 23481
Hofmann, P.....27506	Holman, R. L...6401,18474, 28272,28300	Hopper, W. H.....8402	Hove, E. L.....14583
Hofmeyr, J. D. J.....26419	Holmes, A.....25765	Hopperstead, S. L....8205	Hoveland, M...1154,18266, 27396
Hofsten, C. G. von...1677, 21627	Holmes, C. E.....7529	Hoppert, C. A.....16854	Howard, Sir A...1843,6811, 6947,11262,11399, 16365,16525,21787, 21993-4,26969-70, 27262
Hogan, A. G.....2427,3084, 9693,22645	Holmes, D.....14452	Hopping, G. R.....7941	Howard, A. L...6992,14650, 15648,20642
Hogan, M.....2871	Holmes, E. S.....15024	Hopson, G. H...7265,17070, 18265,22462	Howard, F. L...15488,25952
Hogben, G. H.....24937	Holmes, G. A.....4831, 5268,7402,13004, 15834,22321,24708, 29191	Horan, H. A.....8981	Howard, H.....22589
Hogberg, B.....15706	Holmes, J. O.....9425	Hörberg, Y.....2036	Howard, Sir H.....15254
Hoge, O. S.....28482	Holmgren, A. H.....6682	More, H. L.....16495	Howard, H. W.....20939
Hoge, V. M.....29294	Holmquist, N.....18344	Horne, M. C.....8403	Howard, J. E.....27517
Hogg, A. H.....7340	Holmström, S.....29316	Hormay, A. L.....14851	Howard, R.....445
Hogg, D.....4331	Holscher, C. E.....1025	Horn, A.....19089	Howard, T.....13821
Hogg, D. J.....21302	Holt, D. H.....1218	Horn, A. G.....9608,16657, 22119	Howard, W. L.....20259
Hogg, R.....18910	Holt, G.....29192	Horn, C. L.....10109	Howe, A. F.....20310
Hoglund, C. R...15013-16, 15018,25781,25784	Holt, J. P.....7350	Horn, C. M.....4751	Howe, H.....245,20770
Hogner, D. C.....26042	Holt, L. E., Jr...26060	Horn, E. F...6976,11484, 18911,27149	Howe, J. W.....7784
Hogner, N.....26042	Holt, L. T. C.....29111	Horn, F. D.....221	Howe, K. E.....22847
Hohf, J. P.....16689	Holt, W. B.....6635	Horn, K. von...13169	Howe, P. E.....29408
Hohl, L. A.....3976,5237, 8441,24213,28783	Holton, C. S...314,6128	Hornaby, A. J. W...24592	Howell, A. B.....655
Hoke, H.....25176	Holton, W. H.....13788	Horne, C.....18702	Howell, C. E...11977,22535, 22542,27507
Holand, P.....7659	Holubinsky, I. M...15585	Hornbrook, H. G...18230	Howell, D. E...7169,11889
Holand, P. J.....22855	Holy, T. C.....5768	Horowitz, N. H...10625-6	Howell, G. C.....16809
Holbeche, J. A.....15966	Holz, K.....22560,22883	Horowitz, B. E...13367,13434	Howell, H. A...2071,11524
Holben, F. J.....25769	Holz, P.....22198	Horrell, E.....5667,5669, 15096	
		Horriggan, L. A.....3863	



Item	Item	Item	Item
Howell, H. B. 14239, 24637, 29231	Huffman, C. F. 2428-9, 7230, 7279, 11835, 16789, 16854, 22375	Hunt, R. 1284-5, 9225, 26669	Hutchinson, H. 4079
Howell, J. P. 15131, 29193, 29232	Huffman, L. 24413	Hunt, R. A. 13981-2, 19149	Hutchinson, J. 13789, 16445, 17587, 27508, 29196
Howell, J. T. 747, 5946-9, 15369, 26201	Huffman, R. 2220	Hunt, R. E. 2431, 22288	Hutchinson, J. B. 1020, 5951-2
Howell, L. D. 9542	Hufstедler, C. 6901	Hunt, S. B. 8641	Hutchinson, R. J. 8642
Howell, O. B. 3590	Huger, R. 10349	Hunt, T. E. 749, 10210, 10929	Hutchinson, W. S. 8792
Hoves, H. 2736, 2872-5, 7418-19, 7541-5, 12156-9, 12580, 13880, 17228-9, 17392-6, 22603-5, 22636-7, 22732-5, 27547, 27674-6	Huggett, A. St. G. 29369	Hunter, W. J. 13092, 18299, 18347, 23734-6, 27809	Hutchison, E. 21154
Howes, P. G. 18083	Huggins, C. 17119	Hunter, A. H. 7634	Hutson, J. B. 19341
Howie, G. W. 4832	Huggins, H. D. 9039	Hunter, A. W. S. 1477	Hutson, L. R. 3811, 22786
Howie, H. D. 24151	Hugh, B. V. 7592	Hunter, F. 22227	Hutson, P. D. 18705
Howland, J. A. 12957, 18346, 23607	Hughes, C. A. 29194	Hunter, G. J. E. 24042	Hutson, R. 3143
Howland, J. E. 1476, 10926, 11129, 16065, 17707, 21453	Hughes, C. E. 2688	Hunter, G. W., III. 659	Futt, F. B. 12053, 27615
Howlett, F. 8639-40	Hughes, E. B. 24443	Hunter, H. 20644, 24872	Futt, W. H. 18488
Howlett, F. S. 11027, 11192, 11226, 11261	Hughes, E. H. 2240, 7107, 17611	Hunter, H. A. 13660	Futtar, J. C. 4584, 17397, 28977
Hoyman, W. G. 6048, 15433-4, 15489	Hughes, E. M. 20390, 25820	Hunter, J. A. 28810	Huttenlacher, F. 1478
Hoyos, M. 26043	Hughes, E. R. 24594	Hunter, J. E. 17279	Huttenlocher, F. 6527, 10931
Hoyte, C. 25177	Hughes, H. D. 1970, 1974, 9674, 21153	Hunter, J. G. 20989	Hutton, E. M. 922
Eribar, L. 2953, 17469	Hughes, J. S. 2253, 7460, 11825	Hunter, P. R. 27214	Hutton, J. 2690-3, 7420-1, 12054-5, 17230-3, 17398, 22606-7, 27548-9, 27677
Hsieh, K. M. 26546	Hughes, L. E. 27305	Hunter, R. H. 24387	Hutton, S. B. 16068
Hsu, T. C. 20643, 20916-18, 20988, 23252-3, 23302	Hughes, L. W. 5032	Hunter-Smith, J. D. 21125	Huxley, J. 9894
Hu, C. L. 21112-13, 24095, 26605	Hughes, R. O. 14888	Huntington, E. 5735	Hwang, T. C. 20990-1, 20993
Hu, S. M. K. 18033	Hughston, T. H. 4548	Huntington, G. T. 11446, 16066	Hyatt, G. 22463
Hua, H. N. 979	Hugues, P. 10795, 21120	Hupka, E. 557	Hyde, E. O. C. 1220, 11065, 21628
Hubbard, C. H. 22788	Huidobro, J. G. 6929, 16535	Hurd, A. 3674, 4833	Hyde, H. A. 1027, 10552
Hubbard, E. W. 23932	Hulbert, H. H. 28899	Hurd, L. M. 22736, 28378	Hyde, R. E. 5026
Hubbard, J. 3321, 17832	Hulbert, L. J. 27803	Hurd, M. P. 18055	Hyder, L. K. 9172
Hubbard, Mrs. W. A. 6636	Hulbert, L. S. 5429, 25415	Hurd, T. N. 4774	Hyler, J. E. 2132, 2215, 7089, 11546, 11623, 16637, 22160
Hubbard, W. W. 2539, 18766, 19340, 19487, 19812	Hull, A. C. 1234	Hurd, W. B. 4972	Hynard, F. C. 19467
Hubbell, D. S. 9633	Hull, F. M. 7993, 17984, 28075	Hureau, P. 13435	Hynes, H. J. 24595, 24710, 28460
Hubbert, S. W. 17833	Hull, H. S. 10927	Hurel-Py, G. 6195, 26500	Hypes, J. L. 11374
Huber, A. 6967, 9062	Hull, J. T. 5139	Huriez, H. 18859, 26898	Hyre, F. M. 4745
Huber, B. 7085, 26499	Hull, R. 920-1	Huriez, J. 21069	Hyre, H. M. 5708, 17399
Huber, H. 1382, 6448, 28546	Hull, R. B. 10928	Huriez, V. L. 14348	Hyrenius, H. 19865
Huber, J. 10021	Hull, W. X. 16496, 20212, 27058-9	Hurlburt, W. E. 2689	Fyson, C. D. 4275, 20485
Huber, L. L. 6324, 10696	Hulslander, S. C. 8442, 24938	Hurpin, J. 584-5	Iablokov, A. 12638-9, 28039-40
Hubert, E. E. 2157	Hultz, F. S. 7108, 11634, 16733, 22174	Hurst, F. J. 4915, 4944, 5075, 9189, 13689, 14240, 15776, 19226, 29195	Iaconis, C. L. 13376
Hubert, G. A. 19605	Humbert, H. 9493, 10209, 14662, 26202-3	Hurst, G. A. 29233	Iakhtenfel'd, P. 26661
Huberty, M. R. 16288	Humbert, J. 1219	Hurst, H. 22905	Iakovlev, M. S. 26403
Hucker, G. J. 2476	Humberto Costa, M. 560	Hurt, L. M. 11867, 28900	Iakovlev, S. 8239
Huckett, H. C. 20321-2, 20326	Hume, A. N. 10537	Hurtubise, J. A. F. 4398, 9509, 13562, 28789	Iakubov, T. F. 11375
Hucknall, E. 24412	Hume, E. M. M. 29370	Hurwitz, N. 28483	Iakushkin, I. 26587
Hudd, J. Y. 18595	Hummon, O. J. 23100	Hurwitz, S. 1155, 6325, 6364, 16203	Iarmizin, D. 15777
Huddle, F. P. 29062	Humphrey, A. P. 4444	Husain, M. A. 15656	Iaroshenko, G. D. 26501
Huddleson, I. F. 16810	Humphrey, R. R. 940, 10751, 11372, 26391	Husfeld, B. 1383	Iarusov, S. S. 11134
Hudelson, R. R. 5010	Humphreys, G. 466-7, 15108	Huss, Mrs. F. 10930, 16067	Ibrahim, S. 26694
Hudgens, R. W. 9593, 20056, 20061, 25420	Humphreys, G. H. W. 4514	Hussain, S. M. 10768	Iceland, Hagstofa. 28513
Hudgins, R. B. 23966	Humphreys, O. F. 22788	Hustache, A. 12637	Ickes, H. L. 15311
Hudson, C. J., Jr. 12488	Humphreys, W. S. 1616	Hustich, I. 10417	Idaho, Agr. Col. Ext. Serv. 359-63, 5573-5, 9773, 15055-6, 20383-8
Hudson, J. F. 4197, 28433	Humphries, E. C. 6244	Hustrulid, A. 3960	Idaho, Agr. Expt. Sta. 235-6, 5492-3, 9667-8, 14970, 20274-8, 25686-7
Hudson, R. S. 14021, 14144-5, 14189, 24593, 29163	Humphriss, E. 8573	Hutcheson, H. E. 6812, 24784	Idaho, Bur. of Anim. Indus. 22584
Huebner, R. A. 4498	Hungerford, T. G. 12031, 22583	Hutcheson, M. M. 9022	Idaho, State Land Dept. 24785
Hueper, W. C. 7341	Hunkeler, M. 3235-6, 7785, 27954, 27965	Hutcheson, T. B. 1845, 10762, 15835, 21788, 26971	Idlovera, O. 17100
Huerta, A. de la. 1181, 26660	Hunkin, J. W. 6526, 21430	Hutchieson, J. A. 17783	Idnani, J. A. 17003
Huff, D. 656	Hunnewell, F. W. 5950	Hutchings, C. D. 25177	Idtse, F. J. 27356
Huff, F. 656	Hunnicutt, B. H. 14663	Hutchings, L. M. 12339	Idtse, F. S. 2389
Huff, R. M. 27183	Hunt, A. de V. 8286	Hutchins, A. E. 1617, 15071, 23763	Ielpo, J. B. 17784
Huff, W. C. 1844	Hunt, A. R. 28076	Hutchins, M. C. 13629, 24208	Ifland, F. 21629
Huffaker, C. B. 3491, 28109	Hunt, E. M. 1352, 15072, 15983, 21323	Hutchins, P. 6214	Iglesias Selgas, C. 4445
Huffington, J. M. 25950	Hunt, F. 24939	Hutchins, R. P. 13851	Igolen, G. 10199, 10516
	Hunt, I. V. 1907	Hutchins, T. S. 23967	Igoshina, K. N. 26392
	Hunt, J. 20000, 20349	Hutchins, W. F. 20094	
	Hunt, K. W. 748	Hutchinson, C. E. 9238	
	Hunt, L. W. 317	Hutchinson, D. E. 11373	
	Hunt, M. G. 26874	Hutchinson, G. E. 18058, 19841, 29442	
	Hunt, N. R. 20000		
	Hunt, P. J. 128		



- | Item                              | Item                                  | Item                       | Item                        |
|-----------------------------------|---------------------------------------|----------------------------|-----------------------------|
| Ihrig, H. G.....1479              | Indian Cent. Jute Com.....            | Instituto Experimental de  | Ispettorato Fascista per    |
| Ihssen, G.....17941               | 14713,18263                           | Agricultura, El Valle,     | la Produzione e Per il      |
| Ikawa, M.....22915,28077          | Indian Econ. Assoc.....9172           | D. F., Venezuela, Depar-   | Lavoro dell'A. O. I.,14147  |
| Il'in, G. S.....19794             | Indian Geog. Soc.....18384,           | tamento de Genética.29504  | Israelsen, O. W.....6865    |
| Il'in, K.....24786                | 19872                                 | Instituto Nacional de la   | Issac, P. V.....12640       |
| Il'in, S.....16366                | Indian Vet. Jour.....2305             | Nutrición, Buenos Aires..  | Issler, E.....10418         |
| Il'ina, E. A.....19775            | Ind. Agr. Expt. Sta.....237,          | 13187                      | Issouribehere, P. S.,19815  |
| Il'inskiĭ, A. P.....20899,        | 9671-2,9789,14975-9,                  | Instituto Peruano de       | R. Istituto Agronomico per  |
| 26134                             | 25735-7                               | Estadística, Lima...25229  | l'Africa Italiana...5838,   |
| Illanes A., F.....9127            | Ind. Draft Horse and Mule             | Instituto Técnico Agrícola | 18504,18856,19181,          |
| Illg, P. L.....23552              | Breeders Assoc.....237                | Henequenero.....1713,6709  | 19196,19319,20693,          |
| Illia, M. C.....26581             | Ind. Agr. Expt. Sta.....              | Inter-American Conf. on    | 24122,26569,26602,          |
| Illick, J. S.....27205            | 5408,14893                            | Agr., 3d, Caracas, 1945..  | 26628,26692,26883,          |
| Illingworth, F.....27893          | Ind. (Purdue) Univ. Agr.              | 15307-8                    | 27334                       |
| Ill. Agr. Col.....534             | Ext. Serv.....365-71,                 | Inter-American Conf. on    | Istituto Nazionale di       |
| Ext. Serv.....364,5576-7,         | 5578-82,9777-89,                      | Problems of War and        | Tecnica e Propaganda        |
| 9774-6,20389-400,                 | 15057,20401,25875-76                  | Peace, Mexico City, 1945.  | Agraria.....20611           |
| 25817-74                          | Ind. Stallion Enrollment              | 13170                      | Istituto Nazionale Fas-     |
| Ill. Agr. Expt. Sta.,5494,        | Bd.....237                            | Inter-American Inst. of    | cista della Previdenza      |
| 9638,9669-70,14971-4,             | Ind. State Chamber of                 | Agr. Sci.....25230         | Sociale.....14316           |
| 20204,20279-80,                   | Com.....14146                         | International Assoc. of    | Italia Agricola.....11836   |
| 25688-734                         | Agr. Dept.....14714                   | Ice Cream Mfrs.....13454   | Italy. Consorzio Generale   |
| Mumford Plots.....25716           | Ind. State Dairy Assoc....            | International Assoc. of    | per la Bonifica e la        |
| Ill. Dept. of Agr. Div.           | 18555                                 | Milk Sanit. Com. on Fro-   | Trasformazione Fondiaria    |
| of Plant Indus.....24559          | "Indo" Industrias de                  | zen Desserts.....2489      | della Capitanata.....496    |
| Ill. Geol. Survey....2030,        | Oleaginosos, Sociedad                 | International Business     | Italy. Istituto Centrale    |
| 6737                              | Anónima Comercial...28940             | Conf., Rye, N. Y., 1945..  | di Statistica.....6977      |
| Ill. State Vet. Med.              | Ingalls, N. M.....6528-9,             | 5776                       | Ivanhov, P.....19606        |
| Assoc. Spec. Com. on              | 21433,26833                           | International Comn. on     | Ivanitzkaya, E. F.....10581 |
| Dis. of Baby Figs....3074         | Ingegno, A. P.....18417               | Zool. Nomencl.....27854    | Ivanoff, S. S.....10508     |
| Ilitis, H. H.....10247            | Ingerson, H. G.....3675               | International Co-op.       | Ivanov, A. A.....26720      |
| Imamura, H.....23427              | Ingham, A. G..1221,17008,             | Alliance, Econ. Res.,8417  | Ivanov, D. N.....11164      |
| Imhof, A. H.....2390              | 21789                                 | International Cotton Advi- | Ivanov, L.....29112         |
| Imhofe, B.....26441               | Ingham, I. M.....461                  | sory Com.....9600,15178    | Ivanov, M. F.....26044      |
| Imle, E. P.....6103,26296         | Inglis, J.....18269,18596             | International Inst. of     | Ivanova, E. B.....28790     |
| Immer, F. R.....684               | Ingols, H. A.....7061                 | Agr.....5743,26105         | Ivanova, E. N.....26926     |
| Imper, A. D.,19488-9,24748        | Ingram, C.....6530                    | International Labour       | Ivchenko, N.....29285       |
| Imperator, F.....17007            | Ingram, J. W.....17924                | Conf., 27th, 1945...29063  | Iverson, C. A.,13414,18628  |
| Imperial Agr. Bur.....19813       | Ingram, M.....24038,24350             | International Labour Off.. | Ives, M.....9427            |
| Imperial Bur. of Plant            | Ingram, T. R.....19184                | 19190                      | Ives, P.....7478            |
| Breeding and Genet...5843         | Ingrams, H.....29149                  | International Rubber       | Ives, W.....19191           |
| Imperial Col. of Trop.            | Ingrey, W. W.....13505                | Regulat. Com.....5777      | Ivey, J. E.....8938         |
| Agr., St. Augustine,              | Ingwalson, K. W.....94-5,             | Iowa. Agr. Expt. Sta.....  | Ivie, W.....17861           |
| Trinidad.....19814                | 14804,14819,20020-2                   | 238-41,9673-4,25738        | Ivory, B.....9843,22669     |
| Imperial Council of Agr.          | Ingwersen, W. E. T...21434            | Iowa. Crop and Livestock   | Ivy, E. E.....12831         |
| Res. Com.....24829                | Innes, J. A.....13901                 | Rptg. Serv.....15119       | Ivy, R. H.....21084         |
| Imperial Forestry Bur.....        | Innes, J. L.....11997                 | Iowa. Dept. of Agr. Div.   | Iya, K. K.....10130         |
| 22088                             | Innes, Speiden & Co.,15177            | of Agr. Statis.....15119   | Iyengar, C. R. S.....15778  |
| Imperial Inst. of Ent.,           | Insko, W. M., Jr.....12084,           | Iowa. State Col. of Agr.   | Iyengar, M. O. P.....6196,  |
| London.....9974                   | 15058,22629                           | Ext. Serv.....5583-5,      | 8028                        |
| Imperial Mycol. Inst.,            | Institut des Fruits et                | 25877-88                   | Iyengar, N. K.....20919-20  |
| Kew.....623,5844,10022,           | Agrumes Coloniaux..13597,             | Iowa Vet. Med. Assoc.2477, | Iyengar, R. K.....22832     |
| 15275,15550,20581,                | 18767,19707,19873,                    | 7266,22405                 | Iyengar, R. L. N.....20921  |
| 26074,26278,26288                 | 21260                                 | İpekoglu, F.....10804      | Iyer, M. A. B.....15836     |
| Implement & Tractor..15153        | Institut des Parcs                    | Iribarren, S.....11459     | Iyer, P. R. K.....11869     |
| Imshenetskiĭ, A. A.....6245       | Nationaux du Congo Belge.             | Irish, C. F.....6246       | Iyer, S. G.....17321        |
| Ince, E. B.....2645               | 9975                                  | Irmacher, E.....26168      | Iyer, S. N. C.....21155     |
| Inch, T. P.....24711              | Institut National pour                | Irons, E. N.....17854      | Iyer, T. V. A.....15779     |
| Inciarte, R.....11868             | l'Étude Agronomique du                | Irreverre, F.....22956     | Izaak Walton League of      |
| India. Council of Sci. and        | Congo Belge.....21676                 | Irving, G. W., Jr...10627, | Amer.....15311              |
| Indus. Res. Reconstr.             | Institute of Agr., Anand,             | 24414                      | Izmailov, N. A.....19776    |
| Com.....9879                      | India.....25228                       | Irving, M.....28379        | Izvekov, A. A.....27230     |
| India. Dept. of Com.,2196,        | Institute of Inter-Amer.              | Irwin, J. G.....22508      | Izzard, C. F.....16497      |
| 3509,3864,3977,                   | Aff. Food Supply Div.....             | Irwin, R. E.....8489       |                             |
| 4198-9,4446,4652,                 | 20524                                 | Isa, J. M.....22678        | Jaap, R. G.....27637        |
| 5322                              | Institute of Pacific                  | Isacson, B.....3676        | Jablonski, C. F.....13188   |
| India. Dept. of Com.              | Relat.                                | Isaeva, E.....18511        | Jaboolian, A.....596        |
| Intel. and Statis..18475,         | 9th Conf., 1945....5736,              | Isaksen, J. P.....29371    | Jack, J. A.....3144         |
| 20521                             | 25991                                 | Isaza M., J. M.....9239    | Jack, J. S.....21435,26834  |
| India. Dept. of Indus.            | Secretariat.....9887                  | Isbell, C. L.....16204     | Jackman, E. R.....5664      |
| and Civil Supplies, Dir.          | Institute of Paper Chem...22147,27229 | Iseki, T.....23427         | Jacks, H.....6921,9040,     |
| of Sci. and Indus. Res...13841    | Instituto Agrario Argen-              | Isely, C. C.....13005      | 28174                       |
| India. Foodgrains Policy          | tino.....19815                        | Isely, D.....20367         | Jackson, A. D....305,25792  |
| Com.....24712                     | Instituto Cubano de                   | Isenbart, M.....14528      | Jackson, B.....7373         |
| India. Imp. Council of            | Suelos y Abono.....13953              | Isenberg, I. H.....1112    | Jackson, D. T...7069,27231  |
| Agr. Res. Advisory Bd....495,4371 | Instituto de Salubridad y             | Ishaq, M.....24226,24230   | Jackson, F. W.....5076      |
| Indian Cent. Cotton Com...18706   | Enfermedades Tropicales..14715        | Isherwood, F. A.....23838, | Jackson, H. C..5713,15111,  |
|                                   |                                       | 28777                      | 17071                       |
|                                   |                                       | Islip, H. T.....24415      | Jackson, H. W.....24545     |
|                                   |                                       |                            | Jackson, J. R. F.....18701  |



	Item		Item		Item		Item
Jackson, J. W.	16904	Janis, D. C.	2210	Jensen, D. D.	3510	Johnson, E.	8373, 9385, 15649, 18405
Jackson, L. R.	22788	Jannaccone, A.	10731	Jensen, E. F.	14588	Johnson, E. A.	27955
Jackson, L. W.	6	Jannone, G.	17709, 17942, 23176	Jensen, J. A.	28110	Johnson, E. D.	11220
Jackson, P. M.	3813	Jans, F. C.	20023	Jensen, J. H.	14990, 20302	Johnson, E. F.	28941
Jackson, R. B.	12739	Jansen, J. F.	4045	Jensen, O.	23996	Johnson, E. G.	14408, 18326
Jackson, R. F.	13954	Janssen, W.	23839	Jenss, R. M.	29372	Johnson, E. H.	8643, 18912, 20066, 20070, 25424
Jackson, R. J.	3652	Jansson, A.	23177, 23428-9	Jeppson, L. R.	9658	Johnson, E. M.	13628
Jackson, R. W.	4221	Jaquette, D. S.	11870	Jepson, H. L.	20390	Johnson, E. P.	17322
Jackson, S. H.	9428	Jaramillo, R.	15933	Jeremy, E.	7546	Johnson, E. S.	24596
Jacob, A. W.	9114, 24096	Jardim, J. P.	5270	Jessness, O. B.	4752, 4878, 8393, 14060, 14202, 19399, 19438	Johnson, F.	10389, 20771, 26380
Jacob, C.	14694	Jarl, F.	2257, 16758-9, 16953	Jessen, L.	25178	Johnson, F. W.	15311
Jacob, K. C.	18835, 19166, 20699-700, 21271-2, 22322	Jarrett, H.	29155	Jessen, L. S.	6637	Johnson, G. B.	19343, 24152
Jacob, M. M.	22239	Jarrett, I. G.	3020	Jessup, J. G.	3322	Johnson, G. N.	3653
Jacobs, B.	29051	Jarrett, J. M.	27894	Jeter, F. H.	4200, 16954, 24886, 26588	Johnson, G. R.	27895
Jacobs, M. B.	8462, 23933, 28532	Jarrett, R. M.	22323	Jetter, K.	16498	Johnson, H.	23782
Jacobs, M. R.	1292, 10110	Jarrige, J.	7942	Jewell, A. R.	22808	Johnson, H. A.	3494
Jacobs, S. S.	11664	Jarrousse, H.	8518	Jewett, H. H.	5498	Johnson, H. B.	5020
Jacobsen, D. H.	13436, 18270	Jarvis, C. M.	7943	Jewett, L. M.	3038	Johnson, J.	16447
Jacobson, K.	17470	Jarvis, H.	23373, 23482	Jewett, S. L.	15880	Johnson, J. A.	4413, 4895
Jacobson, L.	1028	Jary, S. G.	3591	Jezek, R. E.	25488, 28309	Johnson, J. H.	26135
Jacobson, M.	12389	Jasinski, R.	6978	Jezieraki, A.	7374, 7676	Johnson, J. W.	16499
Jacobson, W.	19046	Jasny, N.	4775	Jimenez, M.	16205	Johnson, L.	11800, 16905, 22464, 28252
Jacometti, G.	10697	Jasper, D. E.	17044	Jimenez, M. A.	5237	Johnson, L. A.	15085
Jacques, C.	10628, 12418, 26695	Jasperson, H.	13852, 19040	Jimenez, M. F.	4955	Johnson, L. H.	17788
Jacques, E.	18404	Jasspon, W. H.	54	Jimenez Luis, R.	23030	Johnson, Mrs. L.	21439
Jacques, J. E.	878	Jauncey, O.	7292	Jirene, L.	7854	Johnson, L. P. V.	10555, 10629, 20645
Jacques, W. A.	10553	Jaureguiberry, M.	19342	Joachim, A. W. R.	18796	Johnson, M. A.	25067
Jacquet, J.	12641	Javal, J.	13072	Joan, T.	23109	Johnson, M. B.	15020, 25288
Jacquot, R.	9023, 14584	Javillier, M.	13040, 29197, 29415	Jobidon, A.	29317	Johnson, M. E.	29373
Jaeger, Mrs. A.	16069	Javillier, M.	16367	Jocher, K.	9277	Johnson, M. G.	2877, 29234
Jäger, P.	6308	Javorsky, L.	21658	Jodka, J. F. T.	12414	Johnson, M. L.	9447
Jaeger, L.	10554	Jay, B. A.	9990	Jodl, R.	6752-3	Johnson, N. M.	5589
Jaffe, J. H.	23873	Jayewickreme, S. H.	8029	Jodon, N. E.	1156	Johnson, N. W.	5756
Jaffé, W. G.	26012	Jayne, S. P.	17471	Joffe, N. F.	9384	Johnson, O.	18382
Jagerschmidt, L.	11460	Jean, M.	14453	Joglar-Rodríguez, F.	15881, 17710	Johnson, O. R.	20474
Jaguenaud, L.	21567	Jeanmonod, L.	21436	Johann, H.	15490	Johnson, P. E.	25706-9
Jahn, E. C.	2197, 11598-9, 16694, 27205, 27232	Jeannel, R.	5817, 7944, 12642, 12767	Johannesen, G.	5077	Johnson, R. E.	5202-3, 9430, 13134, 19745
Jahns, F. W.	14605	Jeans, P. C.	26060	Johanning, A.	1481	Johnson, R. F.	22820
Jain, N. L.	23874, 24170, 24228	Jeanter, P.	20877	Johanning, Mrs. A.	10932	Johnson, R. G.	7190
Jamaica Agr. Soc.	25177	Jeffers, R. H.	750	Johanning M., L. A.	3083	Johnson, S.	4080, 8490, 24018, 24940
Jamaica Dept. of Agr.	24713	Jeffers, W. F.	6037, 6049, 20830, 23119	Johannsen, O. A.	23255	Johnson, S. D.	11871
Jamaica Sugar Control Bd.	24713	Jefferson, C. H.	3789, 5613, 9686-7, 25894	Johansson, E.	6430, 6759, 23178	Johnson, S. E.	4879-80, 5756
James, A.	3237	Jefferson, G. T.	23254	Johansson, I.	17009, 17202, 19842	Johnson, S. M.	29174
James, C. H.	9900	Jeffery, G. M.	12741	John, C. M.	18800, 18836, 19777, 20701, 21659, 21948	Johnson, T. H.	27131
James, D. M.	18819	Jeffery, H. E.	12243, 12296	John, W. W.	1975, 11264-5, 11324, 16446, 20203	Johnson, T. J.	12032, 17203
James, E.	26629	Jeffrey, E. F.	3238	John Innis Hort. Inst.	14716	Johnson, T. N.	2112
James, E. M.	26549	Jeffrey, F. P.	568, 2694, 8939, 12178	Johndreau, C.	23737	Johnson, W.	4776, 5753
James, F. E.	8793	Jelbart, J. E.	12244	Johndrew, O. F.	5347, 24465	Johnston, A.	4201
James, H. B.	9816	Jelitto, C. E.	21437	Johnen, F. J.	17176	Johnston, C. H.	25096
James, J.	10051	Jellicoe, G. A.	14349	Johns, C. K.	4051, 19087	Johnston, C. I.	18423
James, L.	2876, 3369, 13902, 22737, 27679	Jellison, W. L.	3633, 12897, 23108	Johns, E.	3145	Johnston, C. M.	219, 20260
James, M. C.	29443	Jelmoni, E.	11098	Johns, H. D.	6754	Johnston, C. O.	6050, 6319, 10365, 20772
James, M. T.	28190	Jenkins, A. E.	868, 6104, 15396-7	Johns Hopkins Univ.	5881	Johnston, F. B.	8759, 13648
James, N. D. G.	11485, 22024	Jenkins, C. F.	10211	Johnson, A.	9041	Johnston, F. J.	16206
James, R. S.	17234	Jenkins, C. F. H.	22957, 23374, 23430	Johnson, A. G.	85, 6147, 26291	Johnston, G. W.	10763, 12319, 22869
James, S. P.	23335	Jenkins, D. H.	21438	Johnson, A. J.	13006	Johnston, H.	5078
James, W. T.	17120	Jenkins, H.	8241	Johnson, Mrs. A. P.	21273	Johnston, H. G.	9845
Jameson, S. S.	22585	Jenkins, J. M.	6866, 14283	Johnson, A. R.	19902	Johnston, I. M.	10162
Jamieson, C. A.	12489, 17786-7	Jenkins, M. T.	6092	Johnson, A. S.	3462	Johnston, J. B.	7120, 11665, 16955, 27277
Jamieson, M. C.	8240	Jenkins, W. A.	800, 20831	Johnson, A. T.	6532	Johnston, J. C.	1908, 6412, 6867, 10832
Jamieson, S.	27422	Jenkinson, H.	2540	Johnson, B.	27018	Johnston, J. H.	7368
Jamison, H.	9128	Jenkinson, R.	2540	Johnson, B. H.	9093	Johnston, J. R.	16289
Janaki-Amal, E. K.	20910	Jenness, L. C.	24242	Johnson, B. L.	21967, 26204	Johnston, M.	13645
Jandu, A. S.	23237	Jenness, R.	5506, 9429, 18576, 18629, 28599	Johnson, C.	1807, 11799	Johnston, M. G.	1384
Janeiro, J. F.	22895	Jennings, C.	298	Johnson, C. F.	22795, 27759	Johnston, O.	18707, 28688
Janes, B. E.	25118	Jennings, C. C.	25952	Johnson, C. M.	3876		
Janes, H. E.	10310	Jennings, J. R.	28629	Johnson, C. S.	9277		
Jang, C. S.	6710	Jennings, W. H.	2185	Johnson, D.	6979, 7028		
Janike, E. W.	5625, 15754	Jenny, H.	20264				
Janini Janini, R.	13983	Jensen, D.	11263				



Item	Item	Item	Item
Johnston, R. A. A....26766	Jones, P. T.....20551	Jull, M. A....2789,2881-2,	Kar, B. K.....1032
Johnston, S.....1353,4276,	Jones, R.....13852,22670	4586,7422,12056,	Karandikar, K. R.....12881
6160	Jones, R. B.....5768	12162,17280-1,22738,	Karasev, D. M.....4202
Johnston, T. E.....7403	Jones, R. C....14819,15513,	26035,27550-2,28978	Karavaev, M. N.....20900
Johnston, W. I.....16155	15650,20486,24941	Julyan, W. L.....9302	Kardos, B.....13275
Johnston, W. R.....16206	Jones, R. E.....5563,8178,	Jungherr, E.....12106	Karling, J. S.....15398
Johnstone, E. A.4081,28461	12161,13093,17323	Junnila, W.....13113	Karlsson, N.....11191
Johnstone, R.....7547	Jones, R. F.....6247	Jurado B., N.....14284	Karni, J.....9240
Jolinier, P. B. de...8001	Jones, R. J.....16368	Jurion, F.....20647,21115	Karpenko, G.....23738
Jolivette, J. P.....21012	Jones, R. W.....1482,	Jurkow, J.....23658	Karper, R. E.....1157,3735
Jollie, F. J. E.....21251	10933-4,16070,21904,	Jurney, R. C....20173,25485	Karpinski, V.....4986,19208
Jolly, A. L.....9190	26170	Jurney, R. C., Jr....25485	Karpov, N.....7687
Jolly, G. S.....18305	Jones, R. W., III...18034	Just, T.....5910	Farraker, P. E.....11428,
Joly, P.....28233	Jones, S.....16647	Justice, O. L.....1029-30	21220
Joly, R. L.....23609,28327	Jones, S. C.....11266	Kaas, A.....1909	Karrer, P.....10641
Jonard, P.....10784	Jones, S. H.....4277	Kacalief, C. D.....11591	Karsten.....7269,11715,
Jones, A. C.....24993	Jones, T. C.....7348	Kachurin, S. P.....20605	16812,17010
Jones, A. F.....17142	Jones, T. G. H.....1714	Kadderly, W. L.....16-17,	Kartashova, N. N....26420
Jones, B.....6348,8863,	Jones, V. E....13365,13377	19,5349,5351,	Kartha, A. R. S...24416-17
16500	Jones, W.....1047,20832,	5357,5362,5365	Kartman, L.....9494
Jones, B. J.....15033	29140	Kaden, S. B.....6302	Karunaratne, C. R....18271
Jones, C. B.....29150	Jones, W. A.....8644	Kadow, K. J.....20524	Karve, D. G.....24749
Jones, C. D.....2788	Jones, W. H....13506,28690	Kaempfert.....21325	Kascher, H. M.....19779
Jones, C. H....26107,26169	Jones, W. L.....5556	Kaempffe.....18348	Kasel, E. W.....7342
Jones, D. D....4834,13742,	Jones, W. W.....20257	Kästli, P.....7268	Kaser, M. M.....25159
28872	Jong, C. de.....17920	Kahle, H. S.....19408	Kaserer, H.....6249
Jones, D. F....1619,19816,	Jonker, F. P.....15380	Kahlfeld, F.....20612	Kashalkar, N. Y....23875
21568-9	Jonsson, J.....9339	Kahm, H. S.....9025	Kashyap, D. R....13363-4,
Jones, D. L....5556,15022	Jopling, L. K.....5615	Kahmer, J.....16569	13380,13437
Jones, D. P.....28078	Jordan, J. J.....14664,	Kahn, E. E.....28830	Kaspar, P. E.....22958
Jones, E.....19374,20439,	10843-4,25197,29473	Kahn, F.....19778	Kassanis, B.....6153
27357	Jordan, E. O.....15309	Kahn, S. H.....16658	Kaston, B. J.....28001-2
Jones, E. E.....4351	Jordan, Mrs. F.....7327	Kahn, S. H.....16658	Katkov, V.....4515
Jones, E. J.....28995	Jordan, H. V.....20176	Kain, D. M. E.....16597	Katona, G.....26015
Jones, E. L.....2610	Jordan, I.....14409	Kains, M. G.....20591	Katson, B. J.....17877
Jones, E. R.....27405	Jordan, K.....23179	Kaiser, W. G.....3855,	Katz, A.....6316,16412
Jones, Sir E. R.....497	Jordan, P. S.....22823	13135,18314	Katz, L. J.....13303
Jones, S. E.....22025	Jordan, R.....4521	Kakavas, J. C.....7277	Katz, S.....27492
Jones, E. T.....12381	Jordan, R. A.....28301	Kakhovskiy, K. M....7636	Kaufert, F. H.....20094
Jones, F. A.....26767	Jordan, W.....17235	Kalachikov, A.....14695	Kauffman, E....11486,22120
Jones, F. R.....20768-9	Joret, J.....11208,11427,	Kalber, S. K.....8312	Kauffman, H. H.....17072
Jones, G. C. I.....24910	14148,16207,21210,	Kalbfeisch, W.....28410	Kauffman, L. A.....20438
Jones, G. E.....13360	21570,21735-6,21790,	Kaldén, J.....17150-1	Kauffman, R. E.....2582
Jones, G. H. G.....2014	21949,26835	Kale, G. T.....6729	Kaufman, F. D.....17403
Jones, G. N....720,5953-4,	Jorge, F.....18556	Kale, V. G.....9340	Kaufmann, F.....12643,27202
20646	Jorgensen, S. I....18575	Kaleski, R.....22509	Kaufmann, O. W.....7231
Jones, G. O.....3239	Josem, S.....14585	Kallevang, Mrs. E. J..6537	Kaufmann, R. R. U...17943
Jones, G. W.....27306	Josephson, D. V....8574-5,	Kalm, P.....2082	Kaumi, B. K.....24901
Jones, H. A....12419,12732,	25773	Kalmbach, E. R.....19817	Kaup, B. F....12421,17404,
12740,12908-9,15578,	Josephson, L. M....20773	Kalman, M. R.....7548	27616
28111	Joss, A.....14317	Kalmer, J.....12880,23525	Kaura, R. L....2305,11919,
Jones, H. D.....657	Josserand, M.....14665	Kalmus, H.....23256	17324,22465,22608,
Jones, H. L.....23031	Joubert, C. J.....7723,	Kamaladevi.....9983	22809
Jones, I. D....423,5503	8053,8110	Kaminskiy, A. E.....15154	Kausche, G. A.....20876
Jones, I. R.....2443,7267	Jouis, E.....11199,11267,	Kammel, O.....8869	Kausik, S. B.....20922
Jones, J. B.....29089	11400,11666,21950,	Kammlade, W. G....186,2997	Kay, H. D.....2430,22406
Jones, J. H.....304,20349,	27077	Kandelaki, V. A.....28533	Kay, O. K.....9191
25793-4	Jourdan, F.....17121	Kander, L. (B.).....597	Kaye, M. A. G.....4558
Jones, J. I.....29041	Journée, C.....26654	Kaney, J. H....13743,13813,	Kaylor, J. F.....11461
Jones, J. I. M.....25119	Jovet, P....10157,10212-16,	18649	Kazakevich, L. I....10673,
Jones, J. M....20349,22824,	10284,10401,10419-22,	Kannenber, H....6773,23581	15276-7
25793-4,28689	15370-1	Kans. Agr. Expt. Sta.....	Kazakov, Kh. Sh....12015
Jones, J. P.....16308	Jovet-Ast, S.....5990,	242-5,5408,5495-7,	Kazandzhiev, M....10111,
Jones, J. R....18913,26696	10264,15586	14980-1,20205,25633	10557
Jones, J. W....6866,14283,	Joy, E.....14919	Dept. of Poultry	Kazaski, Kh.....15863
15780	Joyce, E. B.....7308	Husbandry.....13116	Kazmann, R. G.....14964
Jones, L. A....19902,24630	Jozami, J. M.....6533	Kans. Engin. Expt. Sta....	Kearney, E. O.....20487
Jones, L. B.....18586	Judd, S. G.....23580	18251,23603	Kearns-Preston, D. A.....
Jones, L. H.....6402	Judkins, C. J.....4835	Kans. Poultry Impr. Assoc.	8374,14149
Jones, L. I.....19607	Judkins, W. P....1354,5889,	19874,22739	Keating, F. E.....20349
Jones, L. T.....2026	6248,6449	Kans. State Col. of Agr.	Keating, H. R.....28398
Jones, L. W.....7722	Judy, W.....561,15218	Ext. Serv.....5586-92,	Keating, L. A....3677,28273
Jones, M.....5484-6,9648,	Juffa, E.....28041	9790-2,25889-90	Keays, E. E.....26768
21156	Jukes, T. H.....22638	Kans. Univ.....18415	Kebby, R. G.....26697
Jones, M. A.....12420	Jul Reyes, C.....21114	Kapadia, G. A....1031,15372	Keck, D. D.....10453
Jones, M. D....4585,24466	Julch, J. A.....1715	Kaplan, A. F.....18231	Kecsö, S.....3865
Jones, M. G.....23375	Julén, G.....1222,10556	Kaplan, M. M.....3009	Fedlec, G. C.....6902
Jones, M. M.....9918	Julien, J. H.....6413	Kapp, L. C.....14962	Kedrah-Zikhman, O. K.....
Jones, M. P....12581,14819		Kappen, H.....6938	10052
Jones, M. T.....11174		Kapur, H. B.....7635	Kedrov, V.....16906



	Item		Item		Item		Item
Keeling, C. E.....	8491	Kemp, H. K.....	10355, 15491, 26502	Ketchum, V.....	27205	King, F. C.....	5845, 8758, 21830, 26677
Keeling, J.....	3736	Kemp, L.....	9676, 24894	Kettlewell, H. B. D.....	12832	King, F. G.....	4521
Keenan, G. L.....	13304	Kemp, V. E.....	24942	Ketz.....	7187	King, F. M.....	25198
Keener, H. A.....	20306, 20312-13	Kemp, W. B.....	21053	Keulegan, G. H.....	16502	King, F. N.....	24081
Keener, R. L.....	1293	Kemper, A. W.....	22788	Kevan, D. K.....	7945	King, F. P.....	5079
Keener, S.....	27803	Kemper, H.....	7994, 8054	Keyan, K.....	3417	King, G.....	23335
Keeney, G. C.....	8940	Kempa, J.....	22497	Keyfitz, N.....	19866	King, G. H.....	934
Keeney, M. H.....	20547	Kempski, C. E.....	24097	Keys, A.....	25068	King, H.....	5614, 22961, 25915
Keese, H.....	6250	Kempster, H. L.....	5616, 9693, 17413, 22639, 22645, 27605	Keyworth, W. G.....	20774	King, J.....	13221
Keesing, F. M.....	20476			Kezer, A.....	5489	King, J. A.....	19139
Keet, J. D. M.....	2072	Kenchington, F. E.....	20613	Khan, A.....	26288	King, N.....	1976, 6903, 11376, 21905
Kefford, J. F.....	8756	Kendall, F. P.....	24004	Khan, A. A.....	12537	King, N. B.....	12263
Kegg, V. C.....	8179	Kendall, H. T.....	27184	Khan, A. R.....	21157, 21791	King, N. J.....	19131
Kehar, N. D.....	11667, 11716-17	Kendall, H. W.....	13646	Khan, I.....	9880	King, R. O. C.....	2480
Kehrberg, E.....	17472	Kendall, R. G.....	15300	Khan, M. H.....	28218	King, W. H.....	13373, 13379, 14001
Kehren.....	16873	Kendall, W.....	4836	Kharcho, S.....	20943	King, W. L. M.....	9150
Kehrlein, O.....	1910	Kendrick, J. F.....	19895	Kharchenko, M. D.....	11998	Kingdon, F.....	5737
Keifer, Mrs. F. B.....	27803	Kendrick, S. G.....	9431	Khartulari, E. M.....	12907	Kinghorn, G.....	27458
Keifer, H. H.....	28003	KenKnight, G.....	20275	Khatin, M. G.....	28004	Kinghorn, J. W.....	19088, 20138
Feil, H. L.....	298	Kenna, E. D.....	19559	Khole, D. B.....	7375	Kingman, H. B.....	11920
Feilholz, F. J.....	3039, 14410, 27457	Kenna, D. P.....	17712	Kholodnyi, N. G.....	6251	Kingman, H. H.....	22407
Keilling, J.....	13378	Kennard, D. C.....	17282	Khot, S. S.....	28691	Kingman, J. J.....	15311
Keim, J. F.....	28228	Kennedy, A. C.....	3678, 12958, 23610	Khrustalev, P.....	14411	Kingsbury, L. D.....	28901
Keiper, E.....	1483	Kennedy, E. E.....	19409	Khudyakova, M.....	9192	Kingsland, C. F.....	4589
Keiper, J. J.....	2980	Kennedy, J.....	7855, 23033	Khuen, E. C.....	7343, 17122	Kinman, M. L.....	1158
Keith, A.....	22466	Kennedy, N. F.....	18874	Kichler, M.....	21034	Kinman, C. F.....	20166
Keith, R. W.....	1716	Kennedy, N. F.....	18874	Kidder, L. E.....	9409	Kinnard, V.....	5080, 6930, 19167, 21951
Keitt, G. W.....	9495	Kennedy, P. G.....	24030-1	Kidson, E. B.....	16523	Kinney, P. M.....	4733
Kelch, F.....	22240	Kennedy, R.....	5255, 22324	Kiefer, Mrs. R. M.....	28435	Kinross, R. M.....	2480
Keller.....	10936-7, 16071	Kennel Club de Chile.....	14710	Kielhofer.....	23934	Kiplinger, D. C.....	1757, 4686, 6639, 6755
Keller, B.....	15608	Kennerly, A. B.....	17405	Kiene, J.....	13253	Kirby, B.....	22543
Keller, B. A.....	19845	Kenney, R.....	11268, 15837	Kiene, Mrs. J.....	5204	Kirby, R. S.....	25949
Keller, C. O.....	941	Kenny, S.....	9386	Kienholz, J. R.....	26313	Kircher, J. C.....	16609, 27172
Keller, H., Jr.....	9701	Kenoyer, L. A.....	5872	Kienle, R. H.....	24098, 28692	Kircher, W.....	29151
Keller, H. R.....	4223	Kent, G. C.....	26367	Kiesler, P. F.....	25290	Kircher, W. H.....	5081, 13690, 14150-1, 22289, 24750, 29065
Keller, J. W.....	7011	Kent, Mrs. J. W.....	7787	Kiesselbach, T. A.....	263, 20301, 29001	Kirchheimer, F.....	26136-7
Keller, L.....	28399	Kent, O. St. J.....	18583	Kiessig, H.....	26418	Kirchner, F. K.....	6294
Keller, L. L.....	15104	Kent, S.....	1486-7	Kiger, J.....	25069	Kiriakov, K. P.....	15781
Keller, W. F.....	13021	Kent-Jones, D. W.....	5245	Kik, M. C.....	18272, 19780, 29411	Kirillov, V.....	27770
Keller, W. M.....	23549	Ky. Agr. Col. Ext. Serv.....	5593-4, 9793-6, 15058-9	Kikuta, K.....	3490	Kirk, B. M.....	21729
Kellerhals, O.....	8685	Ky. Agr. Expt. Sta.....	5498-500, 9675, 14982, 20167, 20281-6, 22629, 25214	Kilgore, H. M.....	26116	Kirk, C.....	18196
Kelley, D.....	4587, 27580-1, 27617-22, 27680, 28979-80	Ky. Dept. of Ed. Div. of Vocat. Ed.....	24943	Kilian, C. M.....	12959	Kirk, D. E.....	25765
Kelley, J. B.....	15058	Kenworthy, A. L.....	829, 1355, 6739	Killen, E. L.....	4447	Kirk, H.....	2600, 7151, 9961, 11718
Kelley, J. E.....	8371	Kenya Colony and Protectorate Dept. of Agr.....	558, 10010	Killian, C.....	1782, 16320, 21742	Kirk, J. H.....	19227
Kellicutt, K. Q.....	20096	Soil Conserv. Serv.....	640	Killing, G. B.....	25672	Kirk, Mrs. T. A.....	1488
Kellogg, C. E.....	8840, 12225, 25486	Keown, M. E.....	21571	Killion, C. E.....	3243-5	Kirkor, S.....	12505
Kellogg, C. R.....	7786, 23032	Kephart, L. W.....	19893	Killough, J. R.....	2258	Kirkpatrick, E. A.....	17284
Kellogg, M.....	9843, 20447-50	Kerek, M.....	4837	Killman, G. W.....	22951	Kirkpatrick, K. A.....	9303
Kellogg, P.....	2198-9	Kerfoot, J. R.....	21440	Kilmer, G. W.....	22951	Kirkpatrick, M. G.....	2481, 3066, 7270
Kellogg, R. S.....	16695	Kerle, W. D.....	6326, 21085	Kilmister, L. M.....	18383	Kirkwood, F. B.....	24879
Kelly, C. P.....	27171	Kerlikowske, E. L.....	4278	Kilpatrick, D. T.....	21303	Kirkwood, R. L. M.....	25177
Kelly, E. A.....	17834	Kerlin, D. L.....	2478, 3065, 17325	Kimball, E. S.....	13903	Kirsanova, B. A.....	25160
Kelly, E. G.....	3842, 5590, 12379, 22959	Kern, E. M.....	20648-9	Kimball, M. H.....	26729	Kirsch, T. T.....	14241
Kelly, E. M.....	19608	Kernan, H. S.....	2158, 16585, 22044	Kimball, S. T.....	20476	Kirsch, W.....	17624
Kelly, G. W.....	942, 1484-5, 22960	Kerna, C. J.....	26769	Kimber, J. E.....	4588, 17406	Kirssanow, B. A.....	3463
Kelly, H. V.....	3240	Kerr, J. A.....	6638	Kimbrough, W. D.....	20288	Kirsten, G.....	13867
Kelly, J. T.....	7121, 11668-9, 14598, 28873	Kerr, J. M.....	4052	Kimmel, D. L.....	2599	Kirwald, E.....	11377, 20572
Kelly, J. W.....	6713	Kerr, L. J.....	15838	Kimmel, L. H.....	9881	Kiselev, I.....	24788
Kelly, R. A.....	25688	Kerr, W. M.....	7423	Kimmy, J. W.....	6105	Kiser, A. J.....	13458
Kelly, V. M.....	14806	Kerr, W. R.....	2479	Kimmins, D. E.....	23551, 28235	Kish, A. F.....	27681
Kelsall, A.....	26630	Kershaw, C. J.....	16501	Kincaid, C. M.....	2431	Kishlar, L.....	11670
Kelsey, J. M.....	3099, 23550	Kertész, F.....	13744	Kincaid, G. C.....	6106	Kissey, F.....	7593, 17473, 22788
Kelsey, R. T.....	13041	Kertész, Z. I.....	13601, 28448	Kinchikov, I.....	27769	Kistler, W.....	7788
Kelso, L.....	20702-3	Kerzman, N.....	26875	King, A.....	5664	Kistner, R. E.....	10938
Kelty, B. H.....	3241	Kessler, B.....	21086, 25179	King, B. E.....	25820, 25826	Kistner, R. G.....	6539
Kemmer, M.....	20452	Kessler, H.....	8242, 8757	King, B. M.....	5526	Kisurin, N.....	24669
Kemmerer, A. R.....	25790, 29409-10	Keswick, R. C.....	20254	King, C. C.....	19784	Kitanov, B.....	22962
Kemmerer, B.....	7078			King, C. G.....	26060		
Kemmerly, C. E., Jr.....	24668			King, C. H.....	17283, 24467		



Item	Item	Item	Item
Kitchin-Kerr, G. E....28738	Knight, R. H.....28038	Kohl, K.....3067	Kovrigina, M.....5083
Kitchingman, G. D.....1113	Knight, R. L.....26450	Kohl, K. L....23876, 24153,	Kozhukhov, I.....6327
Fittinger, C. E.....23739	Knight, M. J.....14562	24560	Kozlov, E.....23770
Fitzmiller, J. B.....23257	Knipling, E. F.....12423,	Kohls, G. M....3363, 12560,	Kozma, A. B.....28079
Kiur-Muraton, A. P....12107	12427, 12431, 12703,	17854, 28007	Kozo-Polianskii, B. M.....
Kivlin, V. E.....5746	12771, 12909, 18035,		6197, 26138
Klages, K. H.....20276	28111	Kohn, R.....28831	Krämer.....19535
Klaman, S. B.....19966	Knjaskoff, P. See	Kohnke, H.....9672	Kraemer, E. A.....19020
Knapp, E.....5846, 15278	Kniazkov, P. D.	Kok, E. A.....2259	Krämer, H.....27359
Klas, J. V.....8295	Knobel, E. W.....25487	Kolb, W. C.....13057	Kraemer, J. H.....20573
Klaus, H.....19609	Knock, A. E.....23034	Kolbe, E. L.....2122	Kraenzel, C. F.....4778
Klecha, D.....7856	Knock, F.....1489	Kolbe, F.....535	Kraft, J. H.....4010
Kleckner, A. L.....11870	Knott, C. B.....7232	Kolgyary, L.....3888	Krage, P.....12000
Kleczkowski, A.....915	Knott, O.....17236	Koljasev, F. E.....5313	Krahl-Urban.....10655
Kleeman.....18650	Knoefel, P. K.....7350	Koll, J.....19272, 19344	Krainz, H.....10217
Kleffbeck, E....23180, 23431	Knolle, W.....9920	Koller, E. F....4009, 4752,	Kralin, P.....26505
Fleiber, M....16789, 16988,	Knop, C. E.....276, 7118,	13340, 13438, 14060,	Kramarov, V.....12960
25665	7124	15183, 18557, 24830	Kramer, A.....9432
Klein, A. K.....13189	Knouse, M. E.....4316	Koller, R.....17011	Kramer, F. J....17474, 17520
Klein, D. L.....3737	Knowles, B. D.....26107	Kollmann, F.....22108	Kramer, H. W.....256
Klein, F.....28048	Knowles, E.....15086	Kollmorgen, W. M....5033,	Kramer, I.....8243
Klein, G. T....4590-1, 5605,	Knowles, F. L.....23331	14318, 19612	Kramer, M.....15552
6948, 7549, 8941, 12163-4,	Knowles, F. W.....3738	Kolyashkina, N.....2391	Kramer, M. M....5211, 9433
15066-8, 22740, 24468,	Knowles, W. P.....9701	Komarov, A.....27623	Kramer, P. J.....6252
27682	Knowlton, G. F.....7992,	Komarov, V. L.....26504	Kranick, F.....3680-1, 8206
Klein, H. Z.....28191	8055, 8137, 28141	Kon, S. K....14593, 23988,	Krantz, B. A....9724, 16369
Klein, J.....2306, 8111,	Knowlton, H. S.....4203	25095, 25110-13, 29413	Krapovickas, A.....5955
13563, 15968	Knox, C. W.....25339	Kondo, V. C.....16155	Krasil'nikov, N. A....11175
Klein, L. A.....11870	Knox, J. H.....2541, 9716,	Konjunkturinstitutet,	Krasin, D. A.....7376
Klein, P.....8296, 12928,	15731, 17073	Stockholm....24609, 24640	Krasno, L.....19112, 19565
24714	Knox, R. G.....7209, 8870,	Konold, O.....10674	Krasniuk, A. A.....15280
Kleine, F. K.....14666	12320	Kononok, A.....11999	Krassilnikov, N. A....1768
Kleine, R.....23181	Knuchel, H.....7101, 11516	Kononova, M. M.....1783	Kratzer, F. H.....7455
Kleiner, P....10939, 15325,	Knoll, D. J.....12768	Konst, H.....3068	Krauch, H.....9603, 16726,
16072, 20650, 26770	Knoll, J. N.....7946	Konstantinov, N. N....10559	20095
Klemme, D. E.....19887	Knutson, R.....5505	Koo, S. Y.....16239, 22884	Kraus, H.....5738
Klemme, R. T....9114, 24631	Knutson, R.....3246	Koonce, D.....14966	Kraus, J. E....6640, 11028,
Klemmer, H.....25035	Knutsson, G.....1225	Koonce, S. D.....24561	23764, 24227
Klepinger, F. W.....12297	Kob, H. H.....22368, 22370	Kopke, E. W.....13955	Krause, N. R.....8274
Kline, E. E.....2785	Kobel, F.....1356, 3248,	Koppenhoefer, R. M....13822	Krauss, H. K.....6540
Kline, H. B.....13507	6427, 10558	Koranyi, K.....13073	Krauss, N. L. H.....15228,
Kline, O. L.....29412	Koberg, C. W.....3010	Korchagina, K. A.....8030	17670, 18181
Klinefelter, H. E.....9063,	Koblitsky, L....25369, 28029	Kordes, W., Jr.....21441	Krauss, W. E....276, 7118,
9304	Kobozieff, N.....9962	Korin, S.....27393	7124, 7126, 11866
Kling, B. T.....27800	Kobozieff, N. A. P. See	Kornahrens, J.....3049	Kraybill, H. R.....22199
Klinge, G.....5205, 14022,	Pomriaskinsky-Kobozieff,	Korneev, N.....16843	Krebs, E.....7102
14529, 19534, 19746,	N. A.	Korneev, N. E.....11741	Krebs, W. J.....16610
29168	Kobystin, F. A.....2116	Korobkov, I.....4777	Kreeger, F. L.....24486
Klinker, D. A.....3679	Koch, A.....1490	Korolev, D.....4401	Kreibohm de la Vega, G. A.
Klintworth, H.....1911	Koch, C.....17944-5	Koroleva, V.....16843	879
Klose, A. A.....7454	Koch, D. E. V.....17713	Koroleva, V. P.....11741	Kreinherder, A.....4987
Klotz, L. J.....1033, 15540	Koch, H.....10023, 19611	Koropov, V. M.....11719	Kreiser, R. F....13007, 23661
Kluender, W. A....9608, 16709	Koch, H. C.....4400, 8794	Korotkevich, A. V....28534	Kreizinger, E. J.....20356
Klugh, R. H.....1977	Koch, L. W.....6051, 21219,	Koscinski, M. E.....1114	Kremenetskii, N.....21868,
Klump, E.....6934	26279	Kosenko, M.....7152	27019
Klussendorf, R. C....11872	Koch, W.....6172, 22833	Koshy, T. A.....6052	Kremer, J.....3905
Knapp, E.....20944	Kocharian, A. A.....28101	Kosin, I. L.....2883	Kremer, J. C....1589, 7790
Knapp, H. B.....19610	Kock, A. A. de.....18273,	Kosorotov, I.....1889	Krenn, K.....16628, 22080
Knapp, I. E.....34	23659-60	Kosovchenko, P. M....28535	Krenzin, K. L.....16363
Knapp, J. G.....2009	Kock, W. A.....19089	Kosterlitz, H. W.....29414	Kreps, E. M.....22241
Knapp, J. S.....27358	Kodenko, A. N.....26503	Kostiuchenko, I.....15651	Kress, O.....27233
Knapp, J. V....2307, 23258	Kodicek, E.....5246	Kostiuk, J.....8313	Kretovich, V. L....19041-2
Knapp, R.....3643	Köbe, K.....12340, 17638	Kostoff, D. See Kostov, D.	Kreutzer, W. A....331, 880,
Knaus, K.....1846, 2010	Köhler, A.....14837	15279, 15587-8,	6148, 10334, 10338
Knebusch.....1888	Köhler, B....14974, 25712	15652, 15709	Krider, J. L.....27817
Knecht, W. J....6169, 12422	Köhler, L. F.....25483	Kostrinsky, J....1159, 8956	Kriel, H. T.....6949
Kneen, E.....26541	Köhler, P.....12833	Kothari, H. C.....8433	Krimgold, D. B....11325,
Kneen, T. H.....18853	Kohn, R. C.....8784	Kothavalla, Z. R....13363-4,	16448, 20204-5, 21831
Kneucker, A.....26771	Kölling.....7789	13380, 13437, 13844,	Krishna Iyer, P. V....23630
Kniazov, G. A.....20614	König, M. R., Frein von..	18582, 19781	Krishna Swamy, B.....3146
Kniazkov, P. D.....15609	9094	Kotila, J. E.....26347-8	Krishnamurthy, K. V....15596
Knight, B. C. J. G....25120	Koepfle, L. G.....13171	Kotliarenko, M. R....28536	Krishnamurti, B.....23483
Knight, E. B.....5082	Koester, W. F.....17152	Kotok, E. I.....5271, 11462	Krishnamurti, S.....22467
Knight, E. D.....27816	Koestler, G....7122, 8521,	Kotsch, R. von.....23035	Krishnan, T. S.....13907,
Knight, G. C.....17123	8568	Kott, S.....21630	19090-1
Knight, H. H....8112, 12382	Koffler, C.....20548	Kotze, J. J.....27278	Krishnan, T. V. V....18140
Knight, E. L.....23312	Koffler, K.....3920	Koutler-Andersson, E....11155	Krishnaswami, V.....16546
Knight, L.....21572	Kogane-Charles, M....1084-5	Kovar, P. A.....10423	Krishnaswamy, A.....11720
Knight, M. F.....24902	Koger, M.....2541, 9716,	Kovda, V. A.....1784	Krishnaswamy, V.....16334
	11825, 17073, 27785	Koverga, A.....15653	Krissoff, A.....27178



Item	Item	Item	Item
Kristály, A. ....13459	Kunz, .....24154	Lager, A. E. ....3009,11721	Landess, W. M. ....29286
Kristensen, J. M. ....8244	Kuo, K. N. ....23210	Lager, M. ....5825	Landin, B. O. ....23183
Kristersson, H. ....29267	Kupsch, W. ....12165	Lagerlöf, N. ....2392,17012,17074	Landis, B. J. ....9,9496
Kriukova, N. N. ....20992	Kuriyan, G. ....18384	Lagneau, C. ....23935	Landis, J. M. ....5172
Krober, O. A. ....19043	Kursanov, A. ....15654,18511	Lagos U., J. A. ....8983,29487	Landis, J. T. ....24903
Kroeck, J. ....2790	Kursanov, A. L. ....20992	Laguiche, J. de. ....27360	Landis, L. ....6905
Kroehn, L. E. A. ....11378	Kursanov, L. I. ....10024	Laidlaw, H. C. ....26593	Landis, P. H. ....9748
Krog, A. J. ....8489	Kurtenacker, R. S. ....16672,22127	Laidley, H. D. ....8724	Landon, C. R. ....2349
Krogerus, R. ....23182	Kurth, A. ....6173	Laing, A. D. G. M. ....22834	Landon, I. K. ....192,10764
Krogh, P. M. D. ....2146	Kurth, E. F. ....27191	Laing, F. ....8151	Landon, M. ....751
Kroh, G. K. ....1303	Kurtz, H. ....21326	Laing, J. A. ....7210-11	Landreth, W. A. ....4592,8942
Krone, P. R. ....11029,21442	Kuschel, G. ....3418	Laird, C. A. ....24099	Lane, C. ....14152
Krone, R. H. ....14837	Kuschke, B. M. ....297	Laird, S. ....26016	Lane, G. H. ....6148
Krook, J. G. ....28624,28641	Kuser, Mrs. W. G. ....26773	Lake, O. ....19614	Lane, L. ....5683,5690,8208-9,9835
Kruedener, A. Freiherr von 24911	Kusmartsev, P. ....23036	Lakshmi Ratan, R. V. ....29374	Lane, M. D. ....16074
Krüger, E. ....16813	Kuster, A. ....6980	Lakshmi Ratan, M. ....15875	Lanfranchi, A. ....16856
Krueger, W. C. ....3814	Kut'in, V. M. ....4202	Lal, B. N. ....20651	Lang, A. ....22061,26507
Krug, C. A. ....10112	Kutish, F. ....14242	Lal, G. ....24170,24228-33,24247-50,24253,24255-6,25121,25258-60	Lang, A. L. ....16370,25692-6,25698-703
Kruif, P. de. ....19782	Kutish, F. A. ....19400	Lal, G. B. ....14586	Lang, F. H. ....16632
Kruiswyk, A., Jr. ....23740	Kuz'min, M. ....4352	Lal, H. ....29152	Lang, H. K. ....18371
Kruiswyk, H. D. ....13094	Kuznetsov, B. G. ....26504	Lal, J. B. ....22963	Lang, R. ....25795
Krukovsky, V. N. ....18577,18630	Kuznetsov, S. ....27528	Lal, K. B. ....12834,15656,23377	Lang, W. J. ....15326
Krum, H. G. ....27810	Kvashnina, E. ....16843	Lal, T. B. ....20881	Lang, W. R. ....8645-6,18127,18709,28693
Krumeich, E. E. ....10940	Kvashnina, E. S. ....11741	Lalbhai, K. ....25990	Lang, W. W. ....17177
Krummenacker-Schöni, K. ....3249,7857	Kyburz, G. ....3251	Lallemand, V. ....8056,12769	Langawankar, J. D. ....10631
Krupenikov, I. A. ....10560,26506	Kyes, R. M. ....24715	Lamar, J. E. ....2030	Langdon, M. O. ....2105
Krupski, A. ....7233,7380	Kyhos, E. D. ....9434	Lamar Roura, J. ....27308	Lange, E.-G. ....7698
Kruse, C. W. ....3492,18036	Kylasam, M. S. ....18178	LaMaster, J. P. ....24831	Lange, H., Jr. ....3148
Krushinskii, L. V. ....22510,27478	Kyling W., B. ....26998	Lamb, G. N. ....16680	Lange, W. H., Jr. ....9658
Kruzhilin, A. S. ....15281	Kypriades, E. ....14319	Lamb, H. G. ....11557	Langfield, J. H. ....21089
Krzywanek, F. W. ....20554	Labarthe, C. A. ....11801,16907	Lamb, L. W. ....2542,17075,27361	Langford, G. S. ....12645-6
Kuang, H. H. ....26589	Labor Res. Assoc. ....19345	Lambdin, R. ....12983	Langford-Smith, N. ....9305
Kubiéna, W. ....6782,21996	Laborey, F. ....15655	Lambert, N. ....1491	Langham, D. G. ....6215,10509-10,20945,26075-6
Kubin, R. ....11721	Labot, A. ....22026	Lambeth, J. A. ....24418	Langhard, O. ....4011,8493,8523,13341
Kuchel, R. H. ....3989	Labour Res. Dept. ....9882	Lamborn, O. H. ....4653-4,8984,9935,13956,29017	Langlands, I. ....22129
Kuckuck, H. ....5847	Labrador Retriever Club. ....27479	Lamborn & Co., Inc. ....9936	Langton, B. C. ....5753
Kucyniak, J. ....791-2	Labrecque, P. ....2662	Lambou, M. ....13872	Langton, H. M. ....8375,28578
Kudriavtsev, A. A. ....7377	Labriola, R. ....10613	Lambrechts, M. C. ....11744	Langwill, K. E. ....19784
Kudriavtsev, P. N. ....26045	Lacerda, V. de. ....14412	Lamers, T. ....13957,14624,21974,24517	Lanier, J. L. ....24115
Kühn, A. ....5873,25932	Lacey, J. ....3050,9195	Lamers, T. C. N. ....4279	Lanjouw, J. ....10113
Kuehner, C. L. ....5716	Lacey, J. J. ....15028,17588,17625,19490,22175,24334,25965	Lami, R. ....10408	Lannie, L. ....21447
Kükenthal, W. ....20615	Lacey, M. S. ....15702	Lamia, A. ....1034	Lansade, ....26314
Künaz, ....15740	Lacey, P. E. ....3889	Lamm, R. ....6759	Lantis, M. ....24852
Kueneman, R. W. ....4301	Lachman, W. H. ....1620,3682,5611	Lammerts, W. E. ....6541,26775	Lantow, J. L. ....9635
Küntzel, C. ....9917	Lackey, J. B. ....27896	Lamney, W. C. ....8207	Lanus, A. J. ....5297
Kuenzi, E. W. ....9604	Lackland, S. B. ....2737,2884,12108,13096,17285,18349,27582	Lamond, H. G. ....1979,7404,7629,17204	Lapage, G. ....12424
Künzli, G. ....3250	Lacautre, ....14061	Lamont, A. ....2885	Lapin, M. ....6328
Kürsteiner, J. ....4095,8561	La Cour, L. F. ....20911	Lamont, C. ....4838	La Pine, L. J. ....13923,19123-4,24487
Küst, ....7378,12001	LaCroix, J. ....13701,13703	Lamont, T. E. ....19491	Laplaud, ....13509
Kugler, O. E. ....2791	Lacroix, J. V. ....12582,16814	Lamontagne, Y. ....19192	Lapparent, P. de. ....22937,23159,23161,27885-6,28034
Kuhler, J. W. ....24496	Lacroix, L. ....26590	Lamoureux, J. A. ....1277	Lapte, I. ....9072,9130,14243
Kuhlman, G. J. ....4474	Lacy, R. W. ....13236	Lamp, Mrs. A. A. ....14372	Lara Nieto, J. de. ....28694
Kuhn, R. ....10561,10630	Lacy, W. S., Jr. ....18476	Lampert, L. M. ....8522	Large, E. C. ....15493
Kuhnert, ....21158	Laczkó, A. ....13172	Lampitt, L. H. ....19783	Largia, E. T. ....19815
Kuhnoltz-Lordat, ....20833	Lad, D. T. ....10100	Lampman, C. E. ....15055	Larin, I. ....2260
Kuhse, ....27527	Ladd, J. E. ....16956,22374	Lampson, C. G. ....22408	La Rivers, I. ....8077
Kujungieff, I. ....27307	Ladd, L. L. ....26972	Lamson, M. D. ....10942,21445-6	Larke, G. R. ....4655
Kulash, W. M. ....12644	Ladejinsky, W. I. ....24716	Lamy, E. ....12556	Larose, P. ....13510
Kulik, M. ....18300	LaDue, H. ....28874	Lancosme, E. ....5855	Larrison, C. E. ....22788
Kulikov, G. ....9194,23373	Läuger, P. ....7725	Lancum, F. H. ....5272,9477,14625,19818	Larrosa Boreán, M. A. ....2308
Kullenberg, B. ....23376	Lafayette, K. F. ....27529	Landa, L. ....19168	Larsen, E. L. ....2082
Kullman, M. E., Jr. ....19613	Lafite, ....29198	Landauer, W. ....5273,22671	Larsen, H. C. ....9064,19902,19955
Kumar, L. S. S. ....20923-4	Lafite, C. ....11269,26631	Landeghem, A. ....13508	Larsen, I. F. ....1912,5624,9812,20408-9,20411
Kumaran, J. D. S. ....2305,6683	Lafon, J. ....2830	Lander, P. E. ....11837	Larsen, N. F. ....11066
Kumlien, L. L. ....10941	Lafon, M. ....17671,28042,28080	Landers, L. A. ....24100	Larsen, S. A. ....3890,8403,13602
Kumm, J. ....10562	Lafont, R. ....881,26349	Landes, C. G. ....16696	Larsh, H. W. ....831,6053,15435
Kummer, F. A. ....9653,28411	Lafont, A. ....23342	Landes, R. ....9277	
Kummer, O. A. ....26772	LaForge, F. B. ....3147		
Kung, L. H. ....26913	Lafortune, J. G. ....7379,11722		
Kunitz, M. ....8907	Lagarma, J. ....22529		
Kunkel, F. E. ....11574			
Kunkel, R. W. ....15183			
Kunoči, A. ....9938			
Kunstenaar, J. ....25036			



Item	Item	Item	Item
Larson, A. H.....1691,6684	Lawler, J.....4593,29319	Ledden, J. F.....4549	Leibundgut, H.....10656
Larson, A. L.....9114	Lawrence, A. O.....16633	Leddett, P.....19140	Leiby, R. W.....415,5637
Larson, E. O.....2543	Lawrence, B.....23692	Ledeboer, M. S. J.....1115	Leicester, W. F.....27205
Larson, G.....19615,24944	Lawrence, C. K.....2011	Ledent, M.....21998	Leicester Sheep Breeders' Assoc.....9963
Larson, H. W. E.1847,25686	Lawrence, J. D.....19680	Leder, W.....16075	Leichsenring, J. M.....14511
Larson, L. S.....18651	Lawrence, J. E.....21869	Lederle, P.....6750-1	Leigh, N. K.....18631
Larson, R. A.....4053	Lawrence, M.....1493,6542,10944	Lederle Labs., Inc.....20559	Leighton, A.....4014,25366
Larson, R. G.....8985	Lawrence, W. E.....10424	Leding, A. R.....5534,9718	Leighton, M. L.....17639
Larson, V. E.....6868	Lawrence, W. J. C.....15553,16208,16521,16554-5	Ledingham, G. A.....4214	Leighton, Mrs. R. S.....21451
Larsson, E. L.....17076	Lawritson, M. N.....15754	Lee, A.....9132,10043,14153	Leighty, W. J.....14893,20167
Larsson, K. G.....11157	Lawson, E. B.....4718,24816	Lee, A. L.....9881	Leinbach, F. H.....2393,16957
Larsson, N.....1638	Lawson, J. I.....19616	Lee, A. M.....17570	Leinfelder, P. J.....12445
Larter, L. N. H.....10114	Lawson, P. J.....4013	Lee, D. H.....7858,13719	Leininger, Mrs. F.....26777
Larus, P.....13564,13691,13853-4,14362,15494,17077,21906	Lawton, A. H.....11956	Lee, D. H. K.....2792,29375	Leira, A. R.....26606
Larue, W. C.....14341	Lawton, K.....16337	Lee, G.....29037	Leishman, E.....4317
Larus, C. T.....10311	Laycock, D. H.....6253	Lee, H.....8725,13227	Leistokow.....19346
Lasarte, M. A.....14573	Layers, C. H., Jr.....23110	Lee, H. C.....28253	Leitão, J. L. da S.....27309-10,29474
Laserie, E.....9131,24994	Layman, J. C.....19617	Lee, J. A.....11600	Leitch, G. B.....6981
Laserie Rodriguez, E.14244	Layton, G. C.....28695	Lee, M. B.....943	LeJeune, A. J.....26593
Lasfargues, E.....27318-19	Layton, R.....21449	Lee, S. W.....7258	Lekarev, V. M.....11723
Lasley, J. F.....16735	Laxminarayana, H.....13381	Lee, T. L.....20993	Leland, E. W.....9719
Laso, L. E.....29153	Lazarenko, A. S.....26259	Lee, V.....2981	Leleicich, E.....1717
Lassabliere, P.....12321	Lazarenko, V.....23738	Lee, W. A.....270	Lelong, H. V.....5925
Lassalle, L. J.....18197	Lazaro, C.....10801	Leech, H. B.....23184	Leleoup, D.....18914
Lassen, L.....20096	Lazaro, M.....23379	Leech, J. H.....15311	Le Marchand, S.....12836
Lasser, T.....20589,26077	Lazzarini Peckolt, O. de.....26876	Leeder, J. G.....8576,24034	Le Marié.....489
Lassetter, W. C.....1223,9262,22870,23823,28043	Lea, C. H.....13855,23988,24028	Leeds, H. A.....8114	Le Masne, C.....7997
Lastiri Ruiz, J.....14342	Lea, D. E.....23231-2,23260-1,23332,26451	Leemann, W.....7380	Lemay, A.....12166
László, F.....7677,12341-2,17013	Lea, N.....4448,8376	Leent-Sieburg, E. van.....28434	Lemay, N.....27168
Latarjet, R.....10563	Lea, S. A.....1494	Leeper, G. W.....26927	Lembke, A.....18420
Latham, A.....3323,23037	Leach, C. W.....15436	Leeper, R. L.....4636	Lemée, G.....1035
Latham, E. E.....15012	Leach, L. D.....220	Lees, A. B.....11922,13008,18275-6,23663-4	Lemelin, C.....4318
Lathouwers, V.....26078	Lead, W. L.....21450	Lees, A. D.....3464	Lemesle, R.....10219,10633
Lathrop, E. C.....14755,23807,29038	Leadley, T.....13173,23662,27060	Leeson, A.....13097	Lemétayer, E.....27318-20
Lathrop, F. H.....23259,23378	Leagans, J. P.....14807	Leete, B. E.....1116,26556	Lemierre, M.....9947
Latif, A.....28142	League of Nations. Econ., Financ. and Transit Dept.....24598	Lefebvre, C. L.....6107,6118,6149	Lemieux, P.....4974-5
Latimer, L. P.....6450	Econ. Intel. Serv.....28514	Lefebvre, G.....14491	Leming, M.....8245
Latimer, R. A.....24234	Leahy, J.....13511,18710	Lefebvre, R.....14413	Lemmon, R. S.....6543,6843,10945,16076,21452
Latimer, W. J.....16313	Leahy, J. G.....8647,16586	Lefèvre, J.....13202,13581,13856,24562	Lemmons, E. B.....2129,11555
Latin Amer. Econ. Inst.....5767,19729	Leak, F.....21159	Lefèvre, M.....10276-8	Lemme, L.....19237
La Touche, G. de.....11303	Leake, H. M.....26350,26905	Lefèvre, P. M.....13958	Lemoigne, M.....10285,13581
Latourette, E.....27786	Leake, J. de B.....23084	Leffert, H.....19439,22468	Lemoine, P.....20737
Latta, R.....27203,27909	Leandri, J.....10218,10470	Leffingwell, G.....13228,17714	Lemon, H. W.....28943
Lattimore, O.....4712	Leary, W. J.....5641	Lefroy, E. H. B.....13512,27263	Lemons, H.....8686,24172
Laue, W. C.....11326	Lease, E. J.....232	Lefroy, J.....19618	Lemoyne, S.....15694,15710
Laufer, S.....8976,28537	Leask, D. M. R.....19273	Legat, H.....4916	Lenert, L. G.....18037
Laulanié, de.....489	Leasure, E. E.....22840	Legat, H. D.....12538	Lenfant, J.....15969,23185,23432,23484
Launoy, L.....10067	Leathart, A.....8275	Legenhausen, D. H.....19976	Lengerken, H. von.....20616
Lauptrecht, E.....11921	Leavitt, E. T.....1262	Legent-Fournes, P.....8463	Lengersdorf, F.....7998
Laur, E.....20488	LeBarron, R. K.....142,9608,15657,16611,20097,27259	Legere, M.....4734	Langlen.....11434,13776,13857-8,14414,14667,21931,21952,21968,21999,26508
Laurence, A.....13305	Lebas, R. W. O.....28832	Leggett, A. A.....16570,27132	Lenhart, M. W.....329
Laurence, B. R.....7995	LeBeau, F. J.....6161,6165,26476	Legg, G.....29376	Lennard, R.....16571
Laurence, E. P. B.....21448	Lebel, L.....5084,24995	Legg, J.....7550	Lennox, C. G.....18438
Laurie, A.....1492,10943,16297,28424	Lebouché, P.....21573	Leggett, W. F.....8648,20525	Lennox, F. G.....24101
Lausanne, Station Fédérale d'Essais Viticoles et Arboricoles.....26071	Lebrun, E. J.....15009,18274	Legh, J. H.....26776	Lenoir, E.....15060
Lauterbach, A. H.....24597	Lecat, P.....6299,10632	Legrand, D.....5956	Lenormant, C.....22511
Lauterbach, A. N.....4012	Le Cerf, F.....8113	Legrand, J. J.....7900,12583	Le Noury, J.....8160
Lauzet, L.....4713	Lechaptols, J.....16526	Le Grice, E. B.....6054	Lenroot, K.....5768
Lavalles, E.....833	Le Charles, L.....12835,12849	Legwen, W. A.....18037	Lensi, M.....15179
Laverty, F. B.....6869	Leche Castellanos, A.....28613	Lehker, G. E.....368	Lent, H.....18059,18068
Lavit, F.....9947	Lechner, H. J.....12961	Lehman, H. H.....7479	Lentz.....22469
Lavoipierre, M.....28105	Leclair, W. F.....27215	Lehman, S. G.....6055	Lentz, R. W.....17640
Lavollay, J.....15241,21792,21959,25122,29415	Leclerc, H.....15282,25123	Lehmann, A.....3252,3324,7791,7815,7849,8824-5,27956	Lentz, W. J.....11873
Lavondès, A.....586	Leclercq, M.....7996	Lehmann, E.....9937	Lenz, A. T.....16449,16504
Lavrenko, E. M.....20671,26139	Lecona, N.....24717	Lehmann, E. W.....20391	Lenz, W.....19560
Lavrov, N. P.....8031	Lecoq, R.....22654,25124-5,27624	Lehmkuhl, H. W.....4045	Leon, A.....1322
Law, A. G.....20356	LeCrone, F.....6641	Lehner, A.....3891,9341	Leon, L. A.....1718
Law, R.....9938	Lecronier.....13412	Lehning, C. L., Jr.....27020	Leon, B.....14154
		Lehr, D.....13136	Leonard, E. C.....711,5901
		Lehrman, H.....19440	Leonard, F. H.....2954
			Leonard, H.....17153



Item	Item	Item	Item
Leonard, H. R.....15183	Lever, R. J. A. W.....7726-7, 22906, 23333, 23382	Lierman.....14077	Link, K. P....22409, 22915, 28077
Leonard, L. T.....7	Leverenz, W.....13254, 28981	Lieu, K. O. V.....7951	Link, P.....536
Leonard, O. A.....6774	Leverenz, W. J.....9848-9	Liger, P.....6341	Link, R. P.....22840
Leonian, L. H.....9750, 16077	Levesque, R.....13603	Light, S. F.....23552	Linke, H. O.....23771
Leonidov, G.....29200	Levi, M. L.....16815	Lightfoot, E. A.....19592	Linn, B.....12493
Leont'ev, I. F.....9436, 28082	Levi-Castillo, R.....23334, 28112	Lightfoot, G.....19863	Linn, E. R.....27150
Leopold, L. B.....27009	Levin, E.....5239	Ligny, M. de.....22544	Linn, M. B.....20392
Lepage, Abbé E.....717, 721-2, 10265	Levine, P. P.....2794, 7480	Ligon, L. L.....281	Linn, M. D.....22326
Lepage, H. S....8057, 10312, 17715, 27897	Levine, S. Z.....5248	Figure, S. M.....7153	Linnard, E. W.....8687
Lepesme, P.....7947-50, 10286-8, 12647-50, 15399-400, 22964, 23380, 26129	Levinson, A.....9457	Likerman, E.....17328	Linnman, N.....20885
Lepigre, A. L.....17716	Levinson, S. A.....29377	Likerman, J. E.....11724, 18915, 24377	Lins, J.....27683
Lépine, P.....20877, 23341, 23381	Levinson, S. O.....16816	Likert, R.....5362	Linsley, C. M.....21975, 25830-53
Lepkovsky, S....7455, 27486	Levitán, A. H.....9365	Lillenthal, D. E.....29444	Linsley, E. G.....12797, 17946-7, 18145, 23264
Lepplae, E.....13829, 14023, 14415	Levitt, E. C.....2886	Millie, A. R.....27957	Lippa, Z.....19347
Lepper, H. A.....13904	Levring, T....15392, 26262-3	Lillie, R. D.....12426	Lippincott, G. P.....1622
Lerch, D. G.....25603	Levy, F.....6643, 16078-9	Lilly, J. H.....15112	Lippincott, T.....17475
Lerew, W. M.....2646	Levyns, M. R.....26205	Lilly, V. G.....9750	Lippitt, M. L.....3892, 13238, 24518
Le Riche, F. J. H....1098, 8746	Lewinsohn, R.....18512, 19715-16, 28538, 29378	Lima, A. O.....26140-1	Lips, A.....28943
Lerner, I. M.....2695	Lewis, B. E.....19193	Lima, E. J.....14587	Lipscomb, K. V.....11802
Lerner, M.....21953	Lewis, C. E.....26778	Lima, O. A. de.....13237	Lipshits, S. I.....26171
LeRouge, J. F.....2696	Lewis, F. H.....15970	Lima Sobrinho, B....25037	Lipson, E.....9883
Leroux, D.....8818, 21712, 27094	Lewis, G. G....1495, 21453	Lima, Peru, Estación Ex- perimental Agrícola de La Molina....3775, 16181, 21110, 21556	Lipson, M.....8649
Le Roux, J. C....6642, 6649, 6711, 15560, 19044	Lewis, H. F.....2200, 7042, 22148, 27191	Limasset, P....10390, 20834	Lira López, S....9342, 14042
Le Roux, J. L.....27771	Lewis, H. G.....16321	Limaye, D. G.....6870	Lisitsyn, P.....26510
Leroux, L.....11537	Lewis, L. H....13255, 23258, 27840	Limbach, J. P.....129	Lisitsyna, M. I.....15496
Le Roux, P. A.....13905	Lewis, L. J.....14530	Limbert, L.....15839	Lisoni Rojas, M.....6926, 26973
Leroy.....8795, 17497	Lewis, M. E.....24945	Liming, F. G.....1117	Lissot, G.....562, 22640
Leroy, A.....11671, 13513, 14285	Lewis, M. R....1913, 11328, 21877	Lin, C. K.....10564	Liszy, E. von.....4840
Leroy, A. M....2631, 11838, 11848, 12253, 12321, 17626	Lewis, M. S.....16080	Lin, K. R.....20836	Litardiére, R. de...10220, 10471
Leroy, D.....27747	Lewis, N. G.....1678	Lin, S.....27876	Litkenhous, E. E.....8986
Leroy, L.....14470	Lewis, R. D.....685, 1849	Linán y Heredia, N. J. de. 12492	Littauer, F.....15497
Le Roy-Ladurie, J....14343	Lewis, R. G.....23808	Lincoln, C....20362, 20367-9, 27898	Littell, N. M.....4917
Lerrigo, C. H.....5247	Lewis, R. V....2482, 12002	Lincoln, E. L.....22545	Little, C. E.....1496
Léry, J.....11327, 14245	Lewis, R. W.....883, 8210	Lincoln, M. D....5768, 8434, 24089, 24996	Little, C. H.....9114
Lery-Piettre, L.....26509	Lewis, S. A.....13611	Lincoln, R.....25126	Little, E. L., Jr.....752
Lery, W.....3654, 29201	Lewis, S. E.....3149	Lincoln, R. M.....15030	Little, E. M.....2201
Leslie, A. P.....28192	Lewis, T.....4714, 14454	Lincoln, W. B.....16697	Little, G. W....2309, 2601
Leslie, W. R....1385, 1621, 6544	Lewis, V. W....2241, 13745, 28944	Lincoln, W. B., Jr..11601, 23840	Little, J. M.....18712
Lesne, E.....12652	Lewis, W. C.....20098	Lincoln, W. S.....24643	Little, R. B.....11876
Lesne, P.....28044-5	Lewis, W. H.....22965	Lind, A. J.....2887, 27553	Little, R. D.....6546
Lespérance, R.....6365, 11435, 21211, 21832	Lewis, W. W.....20173	Lindahl, T.....4449	Little, S.....16634, 27173
Lesser, M. A....17714, 19785	Lewitt, F. J.....12491	Lindberg, J.....3866	Little, W. S.....1497
Lester, A. H.....13977	Lewitt, F. L.....3253	Lindgren, C. C. 980, 10289	Littlefair, G. T....24081
Lester, H. M. O.....23262	Lewy van Séveren, M..10115	Lindeman, B. W.....1386	Littleton, B.....7623
Lester, O.....18711	Lexington Advertiser- News.....29066	Lindfors, T.....20835	Litton, G. W....2431, 7649
Lester, R. A.....4779	Ley, I.....17408	Lindgren, D. L.....23384	Litvinov, N. A.....12023
Lestoquard, F.....2428	Ley, I. H.....27061	Lindgren, L. A. H..23186, 23485	Litvinova, N.....17543
Lestrem, A....2793, 17326-7	Leyva y Andia, J. de..9306	Lindley, H.....24083	Litwiller, E. M.....24267
Le Sueur, A. D. C.....21035-6, 22095	Leyvraz, H.....21327-8	Lindley, H. E.....26999	Litzenberger, S. C. 5530-1
Letard, E.....11635, 12245	Lezhebrukh, G. O.....4204	Lindquist, A. W....12427, 12431, 12703-4, 12715, 12734-6, 12740, 12771	Liu, M. C.....15805
Letelier, E.....15741	Lhoste, J....8152, 12898-9, 28219-20	Lindquist, H. G.....24015	Liu, N. T.....26492
Letelier A., E.....882, 1848	Li, C. H.....26421-2	Lindsay, D. R.....6644	Liu, T. T....20917, 20925, 20946
Lettieri, E.....2261	Li, C. M.....4742	Lindsay, H.....12883	Liu, W. T.....7728
Leucos.....6712, 16271	Li, C. S.....3565	Lindsay, W. R.....10116	Livak, C. W.....28600
Leue, P.....7381	Li, F.....15766	Lindsey, A. H.....381	Liverovskii, I. A....1785, 11209
Leukel, R. W.....15495	Li, H. W....26421-2, 26453	Lindsey, K. J.....17070	Liversage, V.....20490
Leuschner, F. H.....17407	Li, T. K.....26315	Lindsey, R. E.....2663	Livesay, E. A....27530, 28875
Leuthold, A.....17178	Liberal Natl. Inq. into Post-war Prob. (Ct. Brit.).....498	Lindstrom, D. E....5085, 5768, 20280, 20397	Livingston, J. C....16681
Levadoux, L....1036, 6108, 18060, 21317, 26304	Liberali, C. H.....21023	Line Elevators Farm Serv., Winnipeg, Manitoba...3162	Livingston, J. E....4414, 5627, 14990, 15495, 20303
Levaggi, G.....22561	Libes, R.....13565, 15903	Line, N.....18385	Livingston, P.....11342
Levenson, L. G.....14076	Lickey, H. F.....5706	Lines, J.....6545	Lliverant, J.....11153
	Lidoyné, A.....26889	Lineaweaver, G. A....23263	Ljungdahl, P. W.....2544
	Liebenberg, C.....16248	Lineaweaver, H.....14588	Llado, J. G.....13137
	Lieberman, F. V....69, 23383	Ling, L....6109-10, 20836, 26315	Llamazares, J.....19510
	Liebermann, J....3100, 3622, 12425, 12882, 14416, 18155-6	Link, C. B.....25775	Llano G., E.....12131
	Liebers, O. H....16908, 22325		Llarena, S. de...11839, 22470, 23741, 27423
	Liedberg, G.....4839		Lleo, A.....2123
			Lleó Silvestre, A....27133
			Llewellyn.....13174



Item	Item	Item	Item
Llorens, C. C.....22410	Loomis, C. P.....5087, 20476	Love, K. S.....6936	Lund, A. A.....23877, 25129
Llorens, M. A.....22410	Loomis, W. E.....1006	Love, R. M.....15033	Lund, C.....7405
Lloyd, A. K.....4319	Loos, K. D.....5140	Love, S. K.....16298	Lund, C. J.....5207
Lloyd, E. W.....4918, 9196, 11923, 13830, 14155-6, 15219, 18965, 22471, 24832, 24853, 28302, 29202	Looser, G.....10248, 29475	Loveland, E. L.....4015	Lund, G.....28876
Lloyd, M. F. R.....6871	Loosli, J. K.....3021, 7287, 22375	Lovell, R.....2483	Lundberg, C. G.....4205
Lloyd, R. A.....136	Loper, R. M.....20407-8, 20410	Loveridge, A.....3512	Lundberg, E. A.....8315
Lloyd, S. E.....3254	Loperfido, L.....13746-7	Lovern, J. A.....4353, 29416	Lundblad, K.....21690
Lloyd, W. H.....13742	Loperfido, L.....16817	Lovett, N.....14246	Lundblad, O.....23114-17
Lo, T. Y.....24297, 25127-8	Lopes, H. de S.....28083	Loving, R. B.....27801	Lunde, R. N.....9823, 21926
Lobanov, P.....9133	Lopes, J. P.....6004, 26281	Lovvorn, R. L.....10565	Lundegardh, H.....10566, 10634, 15658
Lobova, E. V.....26928	Lópetz Alonso, A.....7730	Low, G. C.....23335	Lundell, C. L.....753, 10025, 26206-7
Lóce, D.....20926	López, E. D.....15255	Low, S.....9150	Lundin, H.....3740, 10634
Lochry, H. R.....18638	López, H.....4687-8, 15180, 19169	Lowdermilk, W. C.....1980, 11379, 10463, 16505, 20206, 20209	Lundquist, N. S.....11874
Lockard, Mrs. J. L.....26779	López, M. S.....10765	Lowe, B.....3944	Lundstrom, L. M.....1850
Locke, H. J.....5086	López Cristóbal, U.....23187, 23385	Lowe, C. D.....14819	Lunn, J. H.....368-9
Locke, J. M.....18713	López Dueñas, D.....22601	Lowe, C. G.....16638	Lunsford, O. R.....27739
Locke, S. S.....27162	López Gómez, P.....6414	Lowe, C. W.....19839	Lunt, E. A.....2037, 16371
Lockhart, E. E.....5206, 5236, 14570	López Gómez, R.....2545, 22242	Lowe, J. L.....10354, 27198	Luntz, H. J.....16372
Lockhart, J. A.....8404, 13460	Lopez Mansilla, E. E.....18061	Lowe, J. M.....14418	Lupetti, R.....10698
Lockley, R. M.....19681	Lopez Muñoz, L.....28515	Lowe, M.....24888	Lupton, H. C.....3777
Lockwood, J. F.....28329	López Olarte, C.....28945	Lowe, R.....3704	Luria, S. E.....981
Lockwood, L. B.....1037, 6300	Lopez Pizarro, J. L.....2891	Lowe, S. C.....7606	Lusby, R. M.....5225
Lockyear, C. W.....24102	López Portillo, A.....13256	Lowell, G. F.....17476	Lusena, C. V.....4402
Lo Coco, G.....4302	Lopez T., C. A.....2892	Lowell Textile Inst.....24114	Lush, R. H.....2263-4, 6813, 21160-1, 21793, 26632
Locquin, M.....10117-18	López y López, C.....2310, 4475, 22243, 28982	Lowery, J. C.....326, 6329, 10766	Lusk, R. D.....16450
Loder, G. D.....3903	Lord, C.....18685	Lowman, M. S.....6713, 20168, 24441	Lussier, O.....1118
Loder, J.....13790, 28902	Lord, C. M.....15346	Lowrey, J. H.....6547	Lustig, M.....16734
Lodge, C.....2738, 2888-90, 4594, 7456, 7481, 7551, 7729, 12167-70, 17329, 17410-11, 18350, 22742-5, 27684-7	Lord, J. W.....13852	Lowrie, A. W.....24469	Lutes, M.....19619
Lodi, H. S.....8943	Lord, R.....5298, 27062	Lowry, G.....13343	Lutikova, O. T.....6269
Lods, E. A.....21087	Lorente Zaro, M.....25038	Loy, H. W., Jr.....29417	Lutjohann, C. E.....4206
Löbbe, H.....1224	Lorenz, F.....3256	Loyd, A. K.....18794, 18815	Lutman, B. F.....9744
Loeffel, W. J.....9809	Lorenz, F. W.....2795, 3739, 13906	Loza, G.....5141, 24670	Lutz, B.....27688
Loeering, W. Q.....14794	Lorenz, K. K.....21455	Lozier, K. D.....24298	Lutz, H. J.....944
Loerke, A. W.....22139	Lorenz, R. C.....26360	Luaces, J. L.....27412	Lutz, J.....7234
Loest, F. C.....6645	Lorenzen.....22672	Luaces Agüero, J. L.....8871, 12003	Lutz, J. M.....19888, 28787
Löw, I.....10561, 10630	Lorenzo, J. R.....8650, 28696	Lubatti, O. F.....12428	Lutz, L.....624, 1039, 26351
Lofthus, O. M.....17717	Lorie, J. H.....2262, 8435, 8848, 24340	Lubeth, E.....10732, 11304, 23772	Lutz, L. A.....5657, 5676, 5692, 9832
Loflin, U. C.....70	Lorimer, F.....9268	Lubowe, I. I.....22966	Luy.....2647
Logan, N. S.....13791	Loriol, de.....27158	Lubrano, J.....16818	Luz Filho, F.....19170
Logan, R. F.....14024	Lorković, Z.....18128	Lucas, A. M.....2602	Lwoff, A.....10567
Logiúdice, N. C. 8418, 23804	Lorwin, L. L.....499	Lucas, C. F.....8577, 11270	Lwoff, M.....23393, 23395, 28143
Lohman, P. H.....19194	Lorz, V.....24873	Lucas, D.....12837	Lychovsky, T.....9938
Lohmander, H.....12584	Losada Linistena, R.....18062	Lucas, J. E.....23712	Lyle, C.....7731-2, 8115, 12429-30, 22967-8, 23486, 27899-900, 28193
Loiseau, J.....15283	Losada S., B.....3511	Lucas, J. R.....23386	Lyle, E. W.....6112
Lokanathan, P. S.....9043	Los Angeles County. Agr. Commr.....29445	Lucas, P. S.....8578	Lyman, F. E.....23340, 23553
Lokemoen, T.....16716	Los Angeles County. Fire Dept.....27174	Lucas, V.....1701	Lyman, J.....4280
Loki, H. S. K.....24005	Losey, M. D.....8796	Lucchetti, E.....8710, 19786	Lyman, Mrs. W. P.....10946, 16082
Lomax, J.....3493	Losky, R.....22290	Lucas de Febres, Z.....20589	Lynch, A. F.....8443
Lombardini, G.....17879-81, 23111-13	Losky, R. F.....8314, 18351	Lucio Somoza, A.....1982	Lynch, D. F. J.....18714
London, V.....21454	Losse, K.....8165	Lucio Somoza, A.....1981	Lynch, M. D.....8494
London Internatl. Assembly 9938	Loth, R.....10640	Lucky, D. F.....27311	Lynch, M., Pierce, Fenner & Beane.....9939
Long, C. C.....11840	Lott, R. V.....832, 4332	Lucky, T. E.....2739	Lynch, P. J.....1500
Long, Mrs. F. W.....21232	Lott, T. B.....10302	Luddy, F. E.....13866	Lynde, L. A.....14819
Long, H. F.....28632	Lotti, T.....131, 5435	Ludrick, J. N.....24188	Lynes, F. E.....26662
Long, E. K.....23611	Loubiere, A.....10119-20	Ludwig, A.....19682	Lynes, F. F.....957
Long, J. S.....5830	Loughhead, M. E. 14809, 14819	Ludwig, G. W.....12741	Lyness, W. E.....20301
Long, P. M.....16081	Loughane, J. B.....884, 917, 10313	Ludwig, R.....833	Lynn, C. J.....22327
Long, T. E.....20335	Loui, D. 19349, 23968, 27163	Ludwig, R. A.....10356	Lynnes, R. M.....29418
Long, W. H.....6003, 26280	Louis-Marie, Pere.....1679, 14626	Ludwig, W.....11099	Lyon, A. V.....1914, 19511, 26721
Longenecker, H. E.....19021	La Agr. Col. Ext. Div..... 372, 15060-2, 20402-3	Luebke, B. H.....302, 15020	Lyon, C. B.....28679
Longley, E. O.....17123	La Agr. Expt. Sta.....231, 9676-8, 15780, 20287-90, 25680	Luecke, R. W.....25139	Lyon, C. J.....686
Longley, L. E.....1498	La. Dept. of Com. and Indus. Com. and Indus. and Econ. Devlpmnt. Com..... 14717	Lüdecke, H.....6254	Lyon, F. J.....17330
Longley, W. V.....19348	Lounsbury, L. R.....2394	Lüthi, E.....6111	Lyon, H. A.....4722
Longmore, T. W.....19956-7	Lourtelg, A.....5957	Lüthi, H.....28539	Lyon, H. L.....4656
Longmuir, S.....1499	Loustalot, A. J.....1038	Lütje.....12343	Lyon, R. E.....22796
Longsdorf, H. E.....7188	Löve, A.....20926	Lütjohann, C. E.....13514	Lyons, J.....23992
Longwell, J. H.....5642, 12708, 18875, 22871	Love, H. M.....4735, 9747, 14043, 24789, 24887	Luetzelburg, P. von.....10158	Lypa, A. L.....6174
Longwell, M.....13647	Love, J. C.....14417	Luévanos S., J. L.....21233	Lysenko, D. N.....23742
Lönemark, H.....8276		Lugeon, A.....26064	Lysenko, T. D.....10068
Lonnon, J. F.....3255		Lugeon, A. R.....15971, 16539, 20775	Lythgoe, H. C.....4054
Loos, T. L.....26511		Lugg, J. W. H.....1099	Lytla, H.....27498
		Luginbill, P.....12770	Lytton, L. R.....5534
		Luhre, A. W.....8424	
		Luigi, R. See Rossi, L.	
		Luis Luque, J.....3776	
		Luisier, A.....26260	
		Luker, C.....194	
		Lum, F. G.....28657	
		Lumason, S.....11924	
		Luna Vegas, R.....9269	



Item	Item	Item	Item
Maack, J. E.....14562	MacCollum, E. V. 9389, 25130, 26060	Macdonald, R. G.....2202-3, 27234	McHenry, J. R.....409
Maag.....18064	MacComb, B.....4207, 28697	MacDonald, S. G.....25040	Macherel, P.....8515
Maas, C.....28339	MacComb, R.....28739	McDonald, W. J. B.....19352	Macias Villada, M.....11210
Maberly, T. E.....18352	MacComb, R. R.....13566	McDonnell, R. J.....4780	McIlhenny, E. A.....15295
Maberry, M.....11926	McConahey, J. W.....10948	McDonnell, C. C.....22970	McIlwraith, J. F.....21870
Mabon, M. F.....598	McConkey, O. M. 3921, 14247, 24720	M'Dougal, A. R.....21631	McIlraith, J. J.....12171
McAdory, I. S.....2484	McConnell, J. A.....19350, 28659	MacDougall, A. F.....5088	McIlvaine, C. W., Jr. 11803
McAlister, L. C., Jr.....12908-9	McConnell, J. E.....3724	McDougall, F. L.....14627, 29446	McIlvaine, F. E.....16086
McAllister, D. M.....19620	McConnell, H. H.....2742	MacDougall, T.....5958	MacIndoe, S. L.....19848-9, 25199
McAllister, J. E.....19620	McConnell, M.....27063	MacDowell, L. G. 5252, 28793	McIndoo, N. E.....5410, 14791
McAllister, M. L.....423	McConnell, O. E.....7123	MacDowell, M. C. 20443, 24997	McInroy, E. W.....15528
MacAndrews, A. H.....28046	McConnell, W. C. 2485, 22244	MacDowell, Sister M. M. A. 6239	Macintosh, F. C.....28776
McArdle, A. A.....22747	McCool, M. M.....6256, 6756, 6922, 6931	McDannough, J. 12838, 18129	McIntosh, J.....25131
McArdle, R. E.....11474	McCormick, M. F.....1502	Mace, G. C.....9197	McIntosh, O. O.....24052
MacArthur, M.....8759, 13648	McCormick, T. C. T.....500	Macedo, L. R. T. de. 17331	McIntosh, R. A. 16958, 22200
MacArthur, S. C.....2395	McCornack, E. A.....8760	McElhanney, T. A.....22106	M'Intosh, T. P.....21575
McAtee, W. L.....5274, 28144	McCornack, R. C.....17985	McElligott, T. J.....24721	McIntyre, C. W.....14989
McAulay, A. L.....1040	McCorry, P. A.....27518	McElvare, R. R.....23487	McIntyre, E. R. 14052, 25461
Macaulay, J. W.....15231	McCown, M.....8688	McEvoy, E. T.....10805	McIntyre, J. E.....16527
Macauliffe, W. S.....18916, 18977	McCoy, E. E.....27855	McEvoy, J. P.....9307	McIver, J.....427, 15091-2
McBee, C. M.....11547	McCoy, H. B.....5174	MacEwan, G.....22291	Mack, A. J.....23713
McBride, A.....13415	McCracken, W. K.....4354	MacEwan, J. W. G.....22472	Mack, M. C.....5659-62, 5668
McBride, H. L.....20507	McCraith, W. E.....8797	McEwin, H.....3592, 12839	Mack, P. B.....9984
McBurney, R. S.....9602	McGray, F. A.....9135	McFadden, D. J.....28642	Mack, W. B.....14533
McCabe, B. C.....4753	McGready, M. S. 5226, 14518	McFadden, J. H.....18716	McKain, W. C., Jr.....9095
McCabe, M. M.....22630	McCreary, D.....226	McFadyean, Sir A.....5777	McKay, A. T.....27115
McCall, A. G.....20, 22	McCrory, S. A.....17719	McFarland, J. H. 1503, 6548, 9497, 16085, 20582, 21456-7, 26781-2	McKay, C. M.....14534
McCall, M. A.....1680	McCrory, S. H.....9951	Macfarlane, D. L.....4016	McKay, G.....22610
McCall, R.....3816	McCroskey, R. M.....8211	Macfarlane, J. 16063, 21428	McKay, H. M. M.....29380
McCall, R. J. 18232, 23744, 25951	McCubbin, W. A.....6113	McFarlane, J. S. 6629, 21925	Mackay, J. H.....5034
McCall, T. M.....256	McCuen, G. W.....12962, 28274	McFarlane, N. L.....26974	Mackay, M.....26555
McCalla, T. M.....1769	McCuiston, F.....5768	McFarlane, V. H. 8944, 24470	McKay, P. N.....12980
McCallum, Mrs. A. E. 19718, 23969	McCuiston, W. R.....12058	McFarlane, W. D. 4044, 4402, 14560, 24599	McKay, R.....917, 923, 4487, 29154
McCallum, J. W.....7638	McCulley, R. D.....2186-7, 7064, 10568	Macfie, J. W. S.....23265	McKay, U. T.....25177
McCallum, N. S. K.....11271	McCulloch, E. C.....5778	McGarry, W. A.....24946	McKee, C.....10767
McCamus, R.....15840, 27397	McCulloch, J. T.....2432	McGeorge, W. T. 1758, 6757, 20256	McKee, E. S.....23878
McCance, R. A.....5249	McCulloch, R.....11329, 23693	McGibbon, W. H.....2697, 7448	McKelvie, S. R.....11804
McCann, Sir C. 15373, 18715	McCulloch, W. E.....19747	McGill, J. J.....18065	McKenna, P. J.....6950, 16087
McCann, L. P.....4450, 5644, 20927	McCulloch, W. F.....2055, 27134, 27175	McGillivray, K. D.....6455	McKenna, R. J.....2265
McCardell, W. H.....27151	McCullough, D.....19351	McGinnis, J.....27584	McKenny, M.....626
McCarthy, G. P. 2893, 27554	McCullough, E. C.....11725	McGovern, J. N. 2205, 20100	McKenzie, D. A.....4068, 8524
McCarthy, J. L.....18422	McCullough, H. E.....8293	McGowan, J. C. 10615, 21017	McKenzie, D. C.....10813
McCarthy, M. D.....3465	McCune, W. E.....15024	McGowan, R. E.....13009	Mackenzie, F. B.....17332
McCartney, J. E.....26106	McCunn, J.....12004	McGregor, A. D.....11875	McKenzie, H. A.....8444
McCay, C. M.....25126	McCurdy, M. E.....14531	McGregor, A. J.....20989	McKenzie, H. L.....28145
McChesney, A. J.....14758	McCutchen, G.....9893	McGregor, E. A.....3370	McKenzie, M. A. 15498, 20777
McChesney, E. W.....2740	McDade, C.....26208	McGregor, H. D. 2546, 22562	Mackenzie, M. D.....658
McClain, E.....2350	McDaniel, E. I.....3150, 27901-2	McGregor, H. W.....24103-5, 28699	Mackenzie, P. K.....23970
McCleary, H. R.....24098	McDaniel, J. S.....28698	MacGregor, J. J. 3684, 19276	Mackenzie King, W. L. See King, W. L. M.
McCleary, R.....28692	McDaniel, R.....16909	MacGregor, J. M.....16322	McKeon, C. J.....10699
McCleary, W. L.....29018	McDaniels, J. S.....11959	MacGregor, M.....20357	McKeown, K. C.....9976
McClellan, W. D.....6056	McDermott, N.....1624, 6656	MacGregor, M. M.....21458	McKeown, N. R.....2547
McClelland, C. K.....25662	McDevitt, E.....9439	MacGregor, S. E.....23038	McKerihan, C. R.....16760, 24947
McClelland, H.....24633	McDiarmid, A.....17006	MacGregor, W. A.....18917, 22328, 24336	Mackey, A. G.....4214
McClelland, J. B.....24917	McDill, J.....29419	Machado, C. D.....16619	Mackey, A. K.....303
McClelland, Mrs. P. H. 1501	McDonald, A.....7307, 13190	Machado, D. P.....19549	Mackey, C.....27245
McClinton, K. M.....625	McDonald, A. B.....5142	Machado, J. A.....14532	McKibben, E. G. 28303, 28335
McClung, L. S.....20659	McDonald, A. D.....19976	Machado, L.....19252	McKibbin, J. M.....2587, 14550
McClure, F. A.....20704	Macdonald, A. J.....7457, 13907, 17288-9	Machado, O.....17882, 20705	Mackie, C.....16825
McClure, J. G. K.....14455	Macdonald, B. A.....28484	McHardy, D. N. 18252, 18301	Mackie, T. J.....26106
McClure, S. W.....8841, 22810	Macdonald, C. C.....16506	McHargue, J. S. 1062, 27095	Mackie, T. T.....659
McClusky, H. V.....5768	Macdonald, D. W.....29203	McHatton, T. H.....1293	Mackinlay, D.....14419
McClymonds, A. E.....1983, 14919, 21833, 27021	Macdonald, E. J. 13954, 29019	McHenry, E. W. 9387, 14553, 29379	McKinney, F.....5208, 29320
McClymont, G. L.....2741, 12086, 17054, 17287, 22364, 22641, 27583, 27818	Macdonald, F. J.....28602		McKinney, G.....4355, 8761
MacColl, E. D.....2312, 3893, 4451, 5173, 18948, 19274-5, 24718-19, 25039	Macdonald, G. B. 2222, 6961, 22045		McKinney, H. H.....6162
McColl, E. L.....9134, 22149	McDonald, H. H.....12201		McKinney, K. B.....68
McCollam, M. E.....6255	McDonald, J. C.....29020		McKinney, R. H.....19046
McColloch, R. J.....4521	McDonald, K. J.....29090		McKinnon, F. B.....29288
	McDonald, M. H.....5642		McKinnon, J. A.....22101
	McDonald, M. P.....16374		McKinnon, K.....25291
			McKinstry, A.....21907
			Mackintosh, J.....2363, 2548
			McKissick, S. M.....5143
			McKnight, D.....24998



Item	Item	Item	Item
Mackworth-Praed, C. W. 1101	Macpherson, N. J. 6647	Mahmad, K. A. 6142	Manelski, E. 13516
MacLachlan, K. S. 11602	McPherson, O. H. M. 13257	Mahone, J. 24053	Manes, Y. 1625
MacLagan, D. S. 3011	McPheters, M. 25946	Maier, C. E. 3908	Maness, H. 18768
McLaren, G. 3051, 5144	McQueeney, A. J. 9439	Maier, W. 834	Manetti, C. 10733-4, 11100-1, 12963, 13058, 13203, 13306, 13859-60, 14158, 18406, 19195, 19355-6
McLaren, M. 21459	McQuown, R. 14758, 14763	Maignon, F. 27433	Mangan, J. 2894
McLaughlin, F. A. 253	McRae, B. 18632	Maignon, F. 29420	Mangan, J. L. 28449
McLaughlin, G. D. 15181	Macrae, F. B. 12494	Maillard, 489	Mangano, G. 13517, 18719
McLean, A. 24446	MacRae, L. 21460	Maillard, F. 9947	Mangat, S. S. 24181
McLean, D. M. 6223	MacRae, N. A. 9008	Main, A. D. C. 24155	Mangel N., R. 13307
McLean, I. W., Jr. 11743, 22885	McRoberts, V. F. 3084	Main, R. 7018	Mangelsdorf, P. C. 20947
MacLean, J. D. 132	Macself, A. J. 1504	Mainardi, G. 14157	Manget, D. T., Jr. 18720
McLean, J. G. 222	McShane, R. W. 15841	Maine, Agr. Col. Ext. Serv. 5595-6, 15063-5, 25991-2	Mango, A. S. 18769
McLean, J. H. 18876, 24299	MacSmith, B. 24106	Maine, Agr. Expt. Sta. 246-9, 5408, 14983-5, 25739-40	Mangold, W. 19047
McLean, L. T. 17290, 27585	MacSwain, J. W. 17947-8	Maine, Devlpmnt. Comm. 501	Manguin, E. 10271
McLean, W. D. 24300	McVaugh, R. 754, 26209	Maine, State Nutr. Com. 15064	Mangum, M. 23794
MacLeod, A. 225	McVeigh, I. 1092-3, 19765	Maintain, R. E. 23817	Mangus, A. R. 5027, 19622
McLeod, D. H. 7255	McVey, H. H., Jr. 4505	Maiocco, F. 17400, 17521	Manilla, R. 12059, 22611
McLeod, G. 19784	McVicker, M. H. 1263	Mairet, P. 26107	Manion, J. P. 24600
McLeod, H. P. 20310	McWhirter, L. 231-2, 14591	Maisch, C. 4842	Manis, H. C. 5493, 5573, 20384
McLeod, J. H. 451	McWhirter, G. E. 6906	Major, F. 9026, 28929	Manitoba Co-op. Poultry Mktg. Assoc., Ltd. 19092
McLeod, L. 6549	McWhorter, H. 22473	Majors, E. 319, 321	Manitoba, Dept. of Agr. and Immigr. 3155-6 Dairy Branch. 4125
McLeod, R. P. 5631	McWhorter, O. T. 5664	Majumdar, B. N. 17014, 19787	Manitoba, Dept. of Ed. 24949
McLester, R. L. 17789	McWilliam, A. J. 11927	Maki, H. H. 3843	Manitoba, Univ. Dept. of Ent. 3162
McLintock, M. W. 431-3, 9817	McWilliams, M. 23773	Makins, F. K. 20584	Manke, K. F. 5555
McMahon, E. 932	Macy, H. 28645	Maksic, D. 22563	Manley, C. H. 8390
McMahon, F. D. 7344	Macy, I. G. 20567	Maksimov, N. A. 26504	Manley, R. O. B. 17790
McMahon, P. R. 4208	Madden, A. H. 12431, 12703-4, 12715, 12740, 12771, 19909, 22971	Malabar, P. 14592	Mann, A. I. 7309
McMartin, A. 1278, 6115, 26352	Maddox, J. G. 29155	Malaise, R. 18084, 23433-4	Mann, A. J. 24018, 26711
McMasters, M. M. 19165	Maddy, K. T. 2313	Malan, A. I. 13457	Mann, D. 2315, 29290
McMath, C. W. 14589-90, 24419	Mader, F. 12362	Malan, E. F. 6649	Mann, G. 2664
McMenamin, J. P. 13042, 13439	Madgwick, W. C. 8799	Malan, P. F. 6649	Mann, H. H. 6257, 29322
McMichael, J. 9979	Madison, L. C. 12363	Malanga, C. 17345	Mann, L. B. 113, 4517
McMillan, E. 5209	Madrid S., C. 4841	Malbert, A. R. 28352	Mann, M. G. 24107
McMillan, G. 2396, 17078	Madrid, Spain. Estación Central de Fitopatolo- gía Agrícola. 26067	Malcolm, J. 15239	Mann, T. 6790
McMillan, M. H. 2603	Madsen, L. L. 2314, 24349	Malcomess, H. 18718	Mann, T. B. 7484
McMillan, R. B. 14053, 19353, 24301	Madueño Box, M. 10569, 15659, 21661, 29005	Maldonado Barrios, E. 1323	Manni, C. 14320
McMillan, R. T. 291	Maeder, M. 8317	Malek, Y. A. See Abdel- Malek, Y.	Manning, H. L. 5952
McMillen, L. 5306	Mäder, W. 3258-9, 7794	Malenotti, E. 587-8	Manning, T. 1042
McMillen, W. 487, 24722	Mädgefrau, K. 10121	Malezieux, R. 19621	Mannozi-Torini, L. 26557
McMillin, M. P. 8495	Maestri, R. 4657, 8987, 9226, 11330, 24723	Malheiro, D. M. 12457	Manns, T. F. 6047, 6057
McMullen, W. H. 3257	Maffi, E. J. 13440	Malhotra, P. C. 9137, 9199, 28485	Manos, E. 6258
McMunn, E. W. 2092, 2434, 8351, 12941, 13010, 13344, 22376, 24751, 28983	Magalhães, B. de. 24519	Malin, A. 28330	Manse, P. 28946
McNab, J. 15742	Magalhães, V. P. de. 23901	Malinina, M. 2549	Mansfield, M. E. 11960
McNab, J. A. 23188	Magee, H. E. 29382	Malkin, B. 12651	Mansfield, W. S. 4920, 9200, 24790
McNabb, H. 8316	Mager, J. 18186	Malkin, G. F. 21908	Manson, T. B. 24880
McNair, J. B. 10635	Magerlein, B. 22951	Malkomesius, P. E. 5775	Manson-Bahr, Sir P. 7733, 23335
McNair, M. 8405	Magers, Mrs. 16089	Mallaby, H. 27022	Mansurova, V. V. 10512
McNair, P. E. 8705, 14900, 25628	Magers, A. 16090	Mallis, A. 5819, 23389	Mantel, W. 16612-13
Macnamara, C. 3536	Magers, Mrs. H. P. 16091	Malloch, J. R. 28144	Manteuffel, H. Freiherr von. 14344
McNamara, H. C. 4231	Magill, D. G. 7079, 11603	Mallory, A. R. 3419	Mantle, C. G. 20341-3
McNaughton, G. C. 20101	Magill, W. W. 21329	Mallory, L. 5631	Manton, I. 10473-4
McNeel, J. S., Jr. 27363	Magistad, O. C. 20169, 21861	Malmberg, G. E. 21461	Manwaring, W. H. 23266
McNeely, G. H., Jr. 28903	Magistretti, G. 7901, 18066	Malone, C. C. 14819	Manzano, M. A. 13308
McNeely, M. 1160, 4403, 8798, 9198, 11272, 13694, 15782, 19354, 23787, 26591, 28833	Magness, J. R. 1304	Malone, T. J. 3778	Manzi, E. 7154
McNeill, A. 16088	Magnin, J. 23774	Malone, V. 9428	Mao, Y. T. 8078
McNeill, C. 19683	Magnus, H. 12344	Maloney, T. 8651	Maple, J. D. 12732-3, 28114
McNeill, E. 2796, 7482, 12104, 27625	Magnusson, A. H. 26282	Malpass, G. N. 7795	Mapson, L. W. 18473, 18847, 24266, 28808
McNeill, M. J. 24752	Magnusson, H. 7483	Malpress, F. H. 2468, 3003	Maqsood, M. 12173
McNeill, F. L. 12172	Mago Vargas, M. 29289	Maltais, J. B. 3513	Marais, A. 11447, 27102-3
McNelly, C. L. 9136	Magoon, E. H. 28113	Maltas, K. J. 27279	Marais, J. G. 24156
McNulty, J. B. 4781	Magruder, R. 6648, 13924	Malterre, H. 11208, 11211, 14148, 16207, 21210, 21570, 21735-7, 21790, 21949, 26835	Marais, J. S. 24791
McNulty, R. 24948	Mahabale, T. S. 10266	Malukhina, A. 5145	Marais, J. S. C. 1100-1
McPhail, M. C. 2433, 7235, 12320	Mahadevan, V. 12468	Manahan, L. B. 2159	Maranhão, Z. C. 22909, 23488
McPhee, H. C. 2351	Mahajan, Y. S. 9248	Manawwar, J. A. 24471	Marani, M. 8800, 10701-2
McPherson, G. K. 4919, 8957-8	Maher, C. 640	Mancia, G. B. C. 16819	Marassi, A. 14159, 18721, 19196
McPherson, J. A. 20583	Maher, W. H. 1915	Mancini, E. 10700	Marburger, R. E. 11805
	Maheshwari, P. 15589, 19819, 20928-9	Mandel, S. 17186-8	
	Maheux, A. 9270	Mandelstam, J. 25063	
	Maheux, G. 23189, 29321	Mander, L. A. 19536	
	Mahler, E. J. 22411	Mandt, P. H. 4082, 4124, 13441, 23971	



Item	Item	Item	Item
Marcel.....21576	Marriott, D. E.....9979	Martin Mendy, R.....12705	Massey, A.....13589
Marcel, M.....10014,13309	Marris, N. A.....4357	Martin N., A.11728-9,22245	Massee, A. M.....3421
Marcellus, F. N.....2773,2797	Marritt, I. C.....1507,7012	Martindale, J. G.....24086	Massey, A. B.....1509
Marcenac.....11726	Marsais, P.....10574,26353	Martinenghi, G. B.....24422	Massey, G. F.....3655,3685, 3743,13012,18233, 21117,23612,28275
Marcenaro-Boutell, R.....8300	Marschner, F. J.....14758	Martínez, A.....3420,6005, 12653	Massey, L. M.....6061
Marceron, L.....11067	Marsden, S. J.....5398,14781	Martínez, F.....19442	Massey, R.....7271,17205
March, H. W.....9604	Marsh, D. I.....21967	Martínez, J. B.....26354	Massey, Z. A.....25684
March, M.....4356,13649	Marsh, G. L.....4362,28306	Martínez, J. F.....5171	Massi, E.....13831
Marchal, J.....12561	Marsh, H.....3012,17572,22412	Martínez, M.....2435,16959, 17015,20707	Massingham, H. J.....26107
Marchal, J. G.....10572	Marsh, J. F.....19050	Martínez, R. J.....9096	Massironi, G.....16821
Marchand, R. G.....24895	Marsh, L. C.....14025	Martínez Campos, C.....2648	Massler, M.....5215,9393, 14546
Marchant, W. L., Jr.....25778	Marsh, P. B.....5367,6058	Martínez Crovetto, R.26863	Massol, R.....10036
Marchesani, I.....17179	Marsh, R. E.....13011	Martínez de Alba, E.19197	Massone, E.....13695
Marchesoni, V.....26264	Marsh, R. S.....1357	Martínez Gómez, U....13346	Mast, C.....28353-5
Marchettano, E.....8297	Marsh, R. W.....5891	Martínez Hermosilla, P..... 27204	Masten, F. O.....8247
Marchetti, M.....14160	Marshall, C. E.....5522-3	Martínez López, J. F.23085	Masterman, N. K.416,3744, 8339,13013,18277, 28490
Marchi, V.....10573	Marshall, F. H. A.....20549	Martínez Zaporta, M.15438	Masters, F. N.....301
Marchionatto, J. B.....835, 10314,15490,26283	Marshall, G. A. K....23190	Martini, I.....24363	Masters, R. D.....20491
Marcilla, J.....3978	Marshall, G. E.....12841	Martini, M. de.....22062	Masurovsky, B. I.....8988, 13416,24035
Marcilla Arrazola, J..... 21713,29042	Marshall, G. W.....1628	Martino, M. di.....17180	Masvidal, R.....23783
Marcione, J.....2316	Marshall, J.....1345, 24044	Martinoli, L.....23418	Matagrin, A.....628,11562, 11604,14003,22113
Marcovitch, S.....26607	Marshall, J. B.....10629	Martins, C.....1182	Matalana, S.....4097
Marcucci, G. B.....15590, 15661,15931,21283	Marshall, J. F.....28115	Martins, S. C.....2991	Matalana Ventura, S.2551, 22474,28380
Marcus, H.....3537	Marshall, J. H.....302	Martinson, Mrs. A....12932	Matarrese, G.....19052
Marcus, I. H.....8689	Marshall, R. E.....8226,25132	Martraire, M.....13959	Mateus, L.1851,6814,29157
Marcuse, S.....9520	Marshall, R. P.....25200	Marty, H.....8352,23775	Mather, K....16209-11,20911
Marden, L.....8406	Marshall, S.....20376	Martyn, E. B.....6060	Mather, W. H....4209,4506, 13518,18722,24109-10
Marduel, H.....17121	Marshall, V. S.....1508	Marulanda Caicedo, L.7310	Mathers, W. G.....7941
Maré, C. von E.....27439	Marshall, W. G.....26462	Marvel, J. A.....2743	Matheson, C.....18132
Maresquella, H. J....9498	Marshall, W. H.....8959	Mervich, S.....9138	Matheson, D. C.7155,22246
Marfatia, K. R.....24108	Marshall, W. T.....20706	Md. Agr. Col. Ext. Serv.... 373-9,25893	Matheson, N.....3817
Margabandhu, V.....18111	Marsico, D. F.19051,28947	Md. Agr. Expt. Sta....9679, 20291-4	Matheson, N. A.4018,4454, 4489,4595
Margalef Lóñez, R....3466	Marsolat, R.....21275	Md. Conn. of State Forests and Parks.....16717	Matheson, R.....12706
Margolf, P. H.....17291	Martelli, G. M.17721,23269	Md. State Dept. of Markets .....25523	Mathews, J. J.....10069
Maria Gutierrez, J....11401	Martens, E. E.....5000	Md. State Planning Comm.... Com. on Medical Care.... 5089	Mathews, S.....9764
Mariani, F.....19048	Martens, P.....15876	State-wide Libr. Survey Com.....5090	Mathias, P. E.....24724
Mariani, M.....9201,11305, 12884,19049	Martensen, E.....28740	Md. Univ.....3151	Mathieu, J.....11030
Mariat, F.....10570	Marth, E. H.....7185	Marzell, H.....10027	Mathieu, L.....22086
Marie, A.....22964	Marth, P. C....10575,26862	Marzorati, O.....12539	Mathis, M.....17792,23381
Marie, R.....12652	Martin.....23936	Mas-Guindal, J.6714,10950, 16249	Mathlein, R.....3112,22973
Marie-Victoria, Frère.723, 755-7,785,945	Martin, A.....3741	Mas Solanés, R. de...26839	Mathot, A. L. C.....4658
Maril, L.....5848	Martin, A. S.....9263	Masalab, N. A.....20585	Matlock R. L.15031,21162, 21743
Mariller, C.....10802	Martin, B. F.....9308	Mascarenhas, C. C....14535	Matsuura, M.....6629,21925
Marilli, O.....17720	Martin, C. H.....23422	Mascheroni, E.11636,12364	Mattalon, R. W.....28834
Marin, L.1324,1626-7,15973	Martin, C. W.....2223	Mashtakov, S. M.....15662	Matterson, L. D.2503,12106
Marín B., R.....17079	Martin, D. I.....2550	Masoero, P.....8525,27398	Mattes, J.....4921
Marín Blanco, E.....29067	Martin, E.....3260,8639	Mason, A. H.....4488	Mattfeld, J.....26172
Marinelli, O.....9971	Martin, E. F.....3742	Mason, E. S.....20485	Matthal, J.....25990
Marini, J. A....11727,16820	Martin, E. R.....17791	Mason, H.....14992	Matthes, E.....20615
Marino, A. E.....25181	Martin, F. J.....29156	Mason, H. L.....5959,15374	Mathews, C. A.....2507
Maríño, E.....21234	Martin, G.....8579	Mason, K. M.....8526,23582	Matthews, D. M.....2124
Maríño M., E....1305,1325, 5250	Martin, G. L....11841,18439	Massa, L....21116,21662-3, 26877	Matthews, E. D.....26917
Marinucci M.....627,15917, 19441,21274,24420-1	Martin, G. W.....26284	Mass Agr. Expt. Sta..... 250-3,5501-2,9680-2, 14986,19970,20295, 25740	Matthews, J.....18596
Mariottini, M.....14161	Martin, H.....7725,23457	Mass. Dent. of Pub. Safety. .....5600	Matthou, T.....15375
Mariottini, M. M....19357	Martin, H. F.....13138	Mass. State Col. Ext. Serv.....380-2, 5597-612,9797-8, 15066-9,20404	Matthysse, J. G.....8161, 17738,23270,28085-6
Mark, P. N.....5146	Martin, H. P.....5147	Food Technol. Dent..... 14809,14956	Mattick, A. T. R....23988, 28579
Markley, K. S.....11102	Martin, J.....4017,20545	Massari.....19230	Mattiello, J. J.....5830
Marks, C. J.....4956	Martin, J. B....13588,13650	Massaux, R.....11672,22201	Mattil, K. F....19021,24423
Marks, R. W.....1030	Martin, J. F.....885	Massé, E. B.....3200	Mattingley, G. H.....8735, 13609,18372
Marks, R. W.....4689	Martin, J. H.....6216		Mattingly, J. P.....7458
Marlowe, R. H.....23267	Martin, J. N.....26633		Mattoon, H. G.....12433
Maroney, M.....9881	Martin, J. P.....15056		Mattoon, W. R.....20102
Marouardt, J. C.4096,4126, 4452,13748,23268	Martin, J. S.....20080		Mattos, M. R.....27424
Marouardt, R. K.....24644	Martin, J. W.....18251		Mattras, H.....23484
Marquehosse, P.....10026	Martin, K.....18131		Mattson, C. H.....28625
Marques, J. de O....19512	Martin, L.....487,3945		Mattson, S.....11155-8,11191
Marquesto, A. B.....19476	Martin, L. S.....28435		Matzke, E. B.....687
Marquestó, A. E.....24820	Martin, M. C.....17292		
Marouis, J. C.....27023	Martin, N. A.....4453		
Marrack, J. R.....9388,29383	Martin, O. A....3867,14248		
Marré, R. A.....9366,24016	Martin, R.....11154,12432, 22097		
Marriage, K....1505-6,10949, 16092-3,21462,26783	Martin, T. F.....22530		
	Martin, W., Jr.....22972		
	Martin, W. H.....8690		
	Martin, W. J.....6059		
	Martin, W. S....6783,21779		
	Martín de Frutos, J....2998		



Item	Item	Item	Item
Maubert, J.....14628	Mead, S. W.....16881,25665	Mellanby, K.....22920	Merriam, J. C.....27152
Maudin, R. C.....26634	Meader, E. M.....1041	Mello, A. F. B. de.....23555	Merrick, D. E.....5382
Mauer, H.....12460	Meadly, G. R. W.....1675	Mello, A. T. de.....5251, 15935,21664	Merrifield, A. L.....7040
Mauersberger, H. R.....28700	Meadows, W. R.....18723	Mello, I. F. de.....23555	Merrifield, J.....2352
Maughan, J. H.....6865	Meagher, G. S.....133	Mello, J. C.....1719,9367, 19719,29350	Merrill, E.....4084
Maughan, M. O.....8547	Meaker, R. D.....18805,28761	Mello, J. E.....19444	Merrill, E. D.....758,10223, 20708,26079
Maughan, O. H.....9216	Means, R. H.....7236,11673, 11843,27772	Mello, L. V. G. de.....13310	Merrill, G. G.....17143
Maugini, A.....14162,14321, 19198,19358,19513-16, 19850	Meanwell, L. J.....18597	Mello, M. J. de.....16823, 27312	Merrill, G. R.....24114
Mauksch, G.....3895	Meara, M. L.....24393,25112	Mello, P. S.....16375,18513, 21744	Merrill, L. P.....22574
Mauldin, H. E., Jr.....19277, 19623	Mears, E. G.....19199	Mello-Leitão, C. de.....17884, 28005	Merrill, P. H.....22031,27136
Maule, W. L.....1119	Mecartney, J. L.....21304	Mello-Melo, C. de.....17884, 28005	Merriman, J. B.....17412
Maume, E.....21195	Meckel, R. B.....29421	Melnick, D.....19788,25114, 25138,29422	Merritt, E.....97
Maume, L.....10576,11273,15711	Medda, A.....17181	Melnick, J. L.....3481	Merritt, M.....22531
Mauney, R.....20371,20374-5	Medical Res. Council. (Gt. Brit.).....26061	Melo, A. B. de.....19517	Merseyside (Eng.) Advisory Joint Planning Com.....9900
Maunsell, P. W.....20994	Medici, G.....496,8377,9056, 9499,24424	Melo, M. L. de.....24520	Merson, E.....2552
Maupas.....21088	Medici, L.....10070	Melo, M. S.....19053	Mertens, F.....6215
Maupas, A.....11448,15783	Médici, M.....262,3325-6, 7796,12495,12540, 17793,17835	Meloche, G.....25968	Mertz, L. M.....17154
Maurizio, A.....3261	Medin Rehnfeldt, C. A..... 9438	Meloy, G. S.....8652,13861, 24425	Mervine, E. M.....2423,7225, 22368,22370
Meuro, J.....13295,20827,20837	Medina, G.....16761	Melville, A. R.....28236	Merz, A. R.....9530
Mautner, S. E.....11592	Medina, L. J.....13749	Melville, R.....26549	Merz, W.....27981
Mavromoustakis, G. A..... 18086,23475	Medina, M. de.....16451	Melville-Ness, T. R.....1264, 18327	Merzari, A. H.....28603
Maw, W. A.....2895	Medina Ben, V.....14420	Ménard, E.....2056	Mesa Carrión, F.....3467, 17987,18157
Mawson, C. A.....9437	Medina Sanchez, C. A.....12299	Mendes, A.....19114	Meschini, C.....18949
Mawson, E. H.....14593	Medley, J. J.....27024	Mendes, C. T.....26592	Meschnigg, J.....17949
Maxcy, K. F.....12560,17854	Medlock, O. C.....1226	Mendes, E.....22329	Meserve, E. R.....25096
Maxwell, C. S.....16696	Medrow, S.....24854	Mendes, J. E. T.....18515, 19550,26878	Mesnil, L.....7999
Maxwell, D. L.....21909	Medvedev, I. D.....12006-7	Méndez, R. O.....18801	Messerli, W.....7272
Maxwell, M. E.....24101	Medvedeva, K. A.....26918	Méndez, T. H.....28009	Messier, V.....22788
Maxwell, T. N.....29354	Meehan, A. F.....12434	Méndez Cordero, R.....837	Messmore, H. L.....7273
May, C.....6164,15439,20170-1	Meehan, O. L.....29443	Mendez M., G.....2698	Mestre, A.....28541
May, C. O.....25895-9,25900-9	Meek, C. M.....4019	Mendieta y Núñez, L.....24602	Mestre Artigas, C.....23937
May, E. S.....12246	Meek, M. W.....2968,12218, 17477	Mendizábal, M. F.....22000	Mestres Jané, A.....23937
May, J.....12964,18302,28276	Meeker, D.....24601	Mendoza, L. G.....20526,24521	Métalnikov, S.....8117
May, O. E.....29043	Meenckshisundaram, K.....16212	Mendoza Olguín, S.....19231	Metcalf, F. P.....20708
May, S. C.....4746	Meese, A. D. J.....20586	Mendosa, S. W.....5756	Metcalf, R. L.....3492,12741, 28116
May, V.....795	Megargee, E.....27480	Mendum, J. H.....14322	Metcalf, W.....18199,26698
Maya Das, P.....23675	Megaw, J. W. D.....17883	Menendez, J.....11637	Metcalf, B.....13995
Mayans, J. J.....11617	Mehra, P. N.....958,982	Ménouah, H. M.....11637	Metcalf, L. S.....2553
Mayer, D. T.....16735	Mehrhof, N. R.....229,357, 5564,25798	Méneret, G.....20661,21120	Metcoff, J.....9479
Mayer, E. S.....15222	Mehring, A. L.....21969	Menezes, B. de.....19115	Metge, R.....9947
Mayer, K.....9139,17124	Mehta, L. R.....24111	Menezes, R. B. de.....19684	Methling, B.....19359,19685
Mayer, P.....1510	Mehta, T. R.....1269	Menkart, J.....24112	Methot, J. R.....12542-3
Mayer, R.....10711,10795, 20661,21120	Mehta, V. K.....12496,12541, 23039	Menne, B.....537	Métrod, G.....10290
Mayers, M. R.....9399	Mehta, V. L.....9343	Menon, K. N.....24416-17	Metz, A. E.....17478
Mayfield, H. L.....25749	Meier.....15974	Menusan, H. J., Jr.....17685, 17722	Metz, J. W.....2699,17237-9, 27555
Mayham, S. L.....23833	Meier, J. L., Jr.....14844-5	Menzani, C.....17333	Metzger, G. E.....28762
Mayhew, P.....12298	Meier, K.....20738	Menzel.....18919,27481	Metzger, H. J.....27425
Maymone, B.....11836,18918	Meierhofer, E.....7797-8, 27958	Menzel, R.....8058,8116,23489	Muucci, C.....17559
Maynard, J.....2999,11842	Meiners, E. P.....8138	Méquignon, A.....7952-4, 12654-6	Meunissier, A.....21196
Maynard, L. A.....26060	Meinke, W. W.....14575	Mercer, E. H.....13519	Meurice, R.....26929,27086, 28049
Maynard, Sister M. T.....6239	Meinzer, O. E.....21871,27025	Mercer, R. D.....9808	Mevius, W.....5849
Maynard, P.....489	Meira, M. T. V. de.....23271	Merchant, C. H.....4455,4843, 14983,24725	Mexico. Comisión de Coordinación Económica Nacional. Secretaría General.....24621
Mayné, R.....28047	Meisel, H.....24563	Merchant, I. A.....8872,13750	Mexico. Dirección General de Agricultura. Sección de Legislación Cuarente- naria.....7734
Mayne, W. W.....6715	Meisner.....16329,18198, 19443,22377	Mercié, C.....26143	Mexico. Instituto de Salubridad y Enfermedades Tropicales.....18005
Mayo, J. W.....8744	Meister, G.....23694	Mercier, A.....10222,11103	Meyer, A.....4320,6062
Mayo, N. S.....2317,7156, 11730,16822,22247	Meiters, M.....6198,10475, 10577-8	Mercier, E.....2407	Meyer, B. S.....6164
Mayo, S. C.....5540,9309, 20330	Mejía Fernández, M.....4715	Mercier, T.....27135	Meyer, E.....9965,15310
Mayr, E.....17986	Mejía Robledo, A.....19624	Merck & Co., Inc.....9964	Meyer, F.....19125
Mayton, E. L.....26975	Melady, J. H.....10952	Mercker, A. E.....18770,25254	Meyer, H.....1759,7799-802, 7861-2,16528,20591, 21235,26976
Maza, D. C. de la.....15842	Melass, V. H.....17339	Mercurio, H. M.....22748	Meyer, J.....23150
Maze, W. H.....29253	Melchers, L. E.....6099,15486, 15500	Meredith, R.....8653,24113	
Mazhdakov, P.....19864	Melchert, H.....26317	Meredith, W. O. S.....29423	
Mazoué, H.....25124	Meldrum, H. R.....16337	Merendi, A.....606-8,11488, 16614	
Mazurier, A.....10572	Melenbacher, K. C.....22150	Merens Montes, R.....17641	
Mazza, G.....24356	Melhuish, V. P.....4083	Mericle, C. D.....13014	
Mazzaron, A.....8527	Melhus, I. E.....6116	Merkel, J. L.....26173	
Mazzeo, M.....26423	Mellis, A.....23191,23272, 23390,23554	Merker, E.....28048	
Mazzocchi-Alemanni, N.....9202		Merkle, F. G.....21794	
Mazzolani, G.....10221,10951, 15591-2,15934		Merriam, C. E.....20492	
Mazzoni, R.....15784,26569			
Mazzoni, R.....8889,11806			
Mead, H. W.....836,10302			
Mead, M.....14536			



Item	Item	Item	Item
Meyer, J. C.....8654,23793	Miles, J. V.....2774	Millot, J.....12585	Misharev, A.....11982
Meyer, J. R.....1511,10122, 16094,20995	Miles, W. C.....7803	Millot, R.....16675	Mishchenko, I. L.....26722
Meyer, J. W.....24337	Milev, D. P.....15712	Mills, D. R.....3979	Mishustin, E. N.....11130
Meyer, K.....502	Miley, D. G.....8262,8676, 18278,20298	Mills, E. M. 9478,15441	Misner, E. G.....269,20317, 22476
Meyer, L. C.....12933,23583	Milhan, M.....19627	Mills, G. E.....3263	Misra, S. C.....15724
Meyer, L. F.....7424	Milhollin, R. M.....21164	Mills, H. B.....25750	Miss. Agr. Expt. Sta..... 231-2,259,5337, 5408,5507-13,9692, 14987-3,20296-8
Meyer, M.....23665	Millinskill, N. A.....4305	Mills, P. A.....28795	Miss. Bd. of Devlmt.....504
Meyer, T.....20596	Millán, H. H.....3371	Mills, P. J.....6040,26378	Miss. State Geol. Survey... 20681
Meyer in der Stroth.19537, 19625-6	Millán, R.....8691,26210	Mills, T.....11525	Miss. State Col. Ext. Serv. 399-405,9803-5, 15079,25917-19
Meyers, W. I.....4457	Millar, G.....5740	Mills, W. D.....839	Mo. Agr. Col. Ext. Serv... 406,5528,5615-19, 9806-7,20405-6,25920-3
Meysenburg, V. C.....22001	Millar, J. H.....3745	Mills, W. H.....18877	Mo. Agr. Expt. Sta.....22, 260-1,5520-8,9693-5, 14989,15780,20176, 20204,20299,25748
Mhatre, J. R.....15401	Millard, W. A.....838	Millson, W. A. D.....3153, 22974	Mo. Conserv. Comm.....7019
Mian, A. H.....21693	Mille, L.....26175	Milne, A.....17845	Mo. Dept. of Agr.....18489, 24496
Miatello, H.....14163	Millen, T. W.....12497	Milne, F. B.....19445	Mo. Poultry Impr. Assoc... 17413
Michael, P.....3593	Miller, A.....1512,2896	Milne, L. J.....3422	Mo. War Bd.....406
Michael, R. D.....28304	Miller, A. E.....13258	Milne, M. J.....3422	Miszurski, B.....7486
Michaelis, H.....11981,22574	Miller, A. R.....28909	Milner, F.....10123	Mitarnovskii, V. M.....8033
Michaelis, R.....26540	Miller, A. V.....23745	Milner, R. T.....24426	Mitchell, A. K.....8842
Michaud, L.....8533	Miller, A. W.....11877	Milovanich, M.....19094	Mitchell, C.....8762,13651, 18837,28796
Michel, A.....24180	Miller, C. D...9440,14594, 25133	Milovanov, V. K.....20550	Mitchell, C. A.....27314
Michel, K.....19278,24672	Miller, G. R.4281-2,14456, 24201	Milthorpe, F. L.....21714	Mitchell, C. W.12345,14668
Michel, W.....21163	Miller, D.....8032,23273	Milzer, A.....16816	Mitchell, D. T.....22413
Michelbacher, A. E.....3152, 9658,12856,17960, 23490,28087	Miller, D. G.....1916	Mims, E. M.....18171	Mitchell, E.....14093,20197, 29204
Michelbarger, A. E.....28088	Miller, E. C.....29384	Minaker, W. L.....16499	Mitchell, E. W.....3154,23880
Micheli, A.....21872	Miller, E. H., Jr...15565	Minatra, O.....21665	Mitchell, H.....8353
Michener, C. K.....19748	Miller, E. S.....13696	Mincer, T.....20493	Mitchell, H. C.19880,27164
Michener, R. T.....6907	Miller, E. V...9241,19518	Minckler, L. S.1120,6962, 26558	Mitchell, H. H.22649,29447
Michielli, R. de.....14164	Miller, F.....14203,25751	Miner, F. D.....20368	Mitchell, H. K.....10625
Mich. Agr. Expt. Sta.254, 5503-4,9683-90, 25741-2	Miller, F. F.....9140	Miner, M. L.....7485,17334	Mitchell, H. L.2188,14977, 16684
Mich. Dent. of Conserv..... 5739	Miller, G. D...22383,22427	Minett, F. C.12008-9,16824	Mitchell, H. S.....25130
Mich. Potato Growers Exch., Inc.....24157	Miller, H.....4888	Minetti Colombo, J.....28835	Mitchell, J.....2897,12175
Mich. State Col. of Agr. Ext. Div...383-4,5613-14, 25804-915	Miller, H. A.....28911	Mingee, P. A....1629,1861, 6825,16213	Mitchell, J. A.....25444
Mich. State Planning Comm. Forest Prod. Res. Com.... 15256	Miller, H. D.....8340	Minguet, P.....27320	Mitchell, J. H.....232
Mich. Tax Study Advisory Com.....503	Miller, H. I.....14819	Minin, I. A.....28285	Mitchell, J. W.6150,20026, 26512-13,26862
Michon, L.....22063	Miller, H. W., Jr...28770	Minio, M.26144,26265,26393	Mitchell, N.....8257
Mickel, C. E.....23436	Miller, J.....23879,28794	Minneman, P. G.9009,18771	Mitchell, N. M.....8248
Mickle, W. M.....19093	Miller, Mrs. J...1513,6716	Minn Agr. Expt. Sta...255, 385,5505-6,9691, 14794,25743-7	Mitchell, R.....22975
Micko, Mrs. J. G.....6551	Miller, J. C.....303,4333, 16290,16736,22330, 27364	Minn. Dept. of Agr., Dairy and Food.....23902	Mitchell, R. C.....24999
Midbari, S.....1720	Miller, J. D...5148,28580	Div. of Agr. Econ..... 24797-8,24833	Mitchell, R. D.....11350
Middle Amer. Inform. Bur.. 15182	Miller, J. H.....1042	Div. of Feed and Fert. Control.....24054	Mitchell, R. L.....27096
Middlebrook, S. B.....1984	Miller, J. J.....26279	Minn. Dent. of Weights and Measures.....24302	Mitchell, R. S.....8425
Middleton, G. K.6259,26977	Miller, J. L.....5149	Minn. Resources Comm.15132	Mitchell, S. B.....26784
Middleton, J. T.6078,10323	Miller, J. P.....8318	Minn. State Grain Insp. Dept.....24302	Mitchell, S. D.....5112
Middleton, P. H.....538	Miller, L. B..25697,25700, 25702-3,25829	Minn. Univ. Agr. Ext. Div...385-98, 9799-802, 15070-8,25916	Mitchell, T.....2133,8341, 8445,18373,23881, 27187
Midgley, A. R.....9745	Miller, L. F.....99	Dept. of Agr.....15183	Mitchell, W. L.....29323
Midwest Hort. Soc.....16048	Miller, L. P.....15713	Div. of Ent. and Econ. Zool.....5408	Mitchener, A. V.....3155-6
Miege, E.....4210,9948, 11674,16762,21704, 29034	Miller, L. W...17723,27903	Minor, W. C.....26425	Mitra, A. K.....6006
Miehe, H.....5849	Miller, M.....21795	Minshall, N. E.....20204-5	Mitra, B. N.....13520
Mikesell, R. F.....14209	Miller, M. D.....19200	Minter, C.....5175,7212	Mitra, C.....24440
Mikhel'son, N. M.....7382	Miller, M. L...3844,18315	Minter, R. D.....8655	Mitra, J. N.....26426
Mila, L.....13862,16763, 18158,22202	Miller, M. M.....9799-801	Mintz, G.....15663	Mitra, P.....28194
Milam, D. F.....25082,29363	Miller, M. W.....17293	Minucci del Rosso, S..... 15743,16676,22027	Mitra-Rahadur, D. N.20587
Milan, D. F.....5196,14559	Miller, O. D.....28741	Minut, J.....13382,18579	Mitrany, D.....20484
Milanez, F. R.....20930	Miller, P. W.....15440	Minz, G.....15442,15451, 15501-2,15510-11	Mitscherlich, E. A...6758
Milans, J.....2182,7062	Miller, R.....2554,4976	Mir, R. M.....28763,29068	Mittler, G. A.....4509
Milbrath, J. A.15557,26318	Miller, R. C...3013,3027, 3054,7624,11675, 27779,28400	Miranda, A.....10703,19362, 29069	Mitton, J.....1515
Milburn, V. S.4844,13792, 14165,19245,23613	Miller, R. E., Jr...3052	Miranda, H. S.....15785	Mitton, R. G.....28894
Milby, T. T.....286,22612, 27586	Miller, R. F...17552,27780	Miranda, L.....22475	Mitton, R. L.11676,12264, 17560,27819
Mileff, D. P. See Milev, D. P.	Miller, R. H...11807,27365	Mirando, F. de P.....5236, 14570	Miz, A. J..840,6063,15443, 20778
Miles, C.....16615	Miller, R. N...5703,13114	Mirchandani, R. T...21212, 28948	
Miles, F. L.....19361	Miller, R. W.....19686	Mirov, N. T.....6301,15744	
	Miller, T. A. H.....20172	Mirskafā, L.....16910	
	Miller, V. L...315-16,27116		
	Miller, W.....3085,27366-7		
	Miller, Z.....1514		
	Millett, M. R. O.....2271, 21037		
	Millice, R. B.....13015		
	Millikan, C. R.1043,10357, 20838,20996		
	Milliken, O., Jr...27740		
	Millington, A. J.....1169, 21089,21103		



Item	Item	Item	Item
Moas, M.....8180	Montgomery, G..9792,24055,	Moore, R. C.....231-2	Morgan, J. H.....18024
Mobley, M. D.....24950	25889	Moore, R. E.....29486	Morgan, O. V.....10814
Mocquot, G.....18509	Montgomery, G. A.....5091,	Moore, R. E.....14795	Morgan, T.....16096
Modlibowska, I.....1044	14078,22333,22856,	Moore, R. L.....4306	Morgan, W. E.....17479
Modroch, J.....8360	22887,27690	Moore, R. P.....12365,21090	Morgenthau, O.3228,3264,
Moeller, S.....15447,15504	Montgomery, H. B. S.....909,	Moore, S. A.....27692	3330,7782,7804-5,
Mönnig, H. O.....11731	15535	Moore, S. S.....7029	7824,27959
Mörsinger, F.....22046	Montgomery, J. E.....24951	Moore, T.....16825,27314	Mori, M.....21667
Moewas, F.....10561	Montgomery, J. P.....3922	Moore, V. P.....25806	Morici, F.....9249-50
Moffatt, M. G.....23614	Montgomery, J. T.....7213,	Moore, W. B.....7735,18724	Moriggi, M.....23546
Moffett, G. M.....18407	11808	Moore, W. D.....230	Morin, G.....17125
Moffit, E. B.....9966	Montgomery, L.....29291	Moore, W. E.....27982	Morison, D. L.....3265,17836
Moffit, G. M.....3328,12498,	Montgomery, M.....2397	Moore, W. R.....11031	Morison, G. D.....12499
23040	Montgomery, P. H.....13214	Moots, F. E.....6552	Moriya, K.....17950
Mogiev, A.....27531	Montgomery, R. P.....21465	Mora, G.....5176	Morize,.....27153
Moglia, C. J.....22886	Montgomery, W. S.....24115	Mora Dávila, N.....5092	Morley, B. D. W.....8079,
Mohács, T.....13172	Montoya Gómez, A.....13311	Moraes Filho, R. V. de....	23421,23437
Mohácsy, M. von.....13567	Montreuil, J. E.....6366	22334	Morley, C.....3468
Mohammed, M. E.....19720	Montúfar S., J.....16452	Morais, J. de M.....28581	Morón, M.....15864
Mohrenweiser, D.....21305	Mood, F.....5299	Morais, M. C.....24116	Moroney, C. J.....24522
Mohri, E. W.....28904	Moody, L. S.....2353	Moraleda C., S.....4358,4597	Moroni, E.....9344
Mohyuddin, A. H.....22331	Moers, C. A..9738,25786-8	Morales, F. G.....15444	Morozov, G.....6342
Moirano, A. A.....18386	Moog, F.....2799	Morales Antequera, C.27117	Morquer, R.....20841,23391
Moise, H.....17414,27689	Moolman, J. H.....29324	Morales Arjona, E.....6718,	Morrell, C. A..14539,14598
Moldavan, A.....8580	Moomaw, I. W.....14373	21666	Morrill, S. D.....9585
Moldenke, H. N.....5960-1,	Moon, H. H.....15704	Morales Fraile, E.....29070,	Morris, A. J.....8496,9073
15347	Mooney, O. V.....7020	29292,29448	Morris, B. T.....5850
Molfino, J. F. 1681,1721,	Mooney, Mrs. W. C....27803	Morales Sola, J.....28743	Morris, C. S.....4055
6717	Moor, W. St. C.....9271	Morales y Fraile, E.22292,	Morris, D. J..16912,18279,
Molina, A. S.....17642	Moore, A.....28486	24726,28742	18303-4,21166,22335,
Molina Mayol, J.....26017	Moore, A. C.....2800,2898-9,	Moran, R. V.....5928	28331
Molinari, A. M.....20494	3157,7552-6,8945,	Moran, W. J.....14938	Morris, E. S.....16826
Molinari, O. C.....26699	12060,12176,17241,	Morán Silva, A.....16095	Morris, F. W.....6844
Molino, V.....3329,12544,	17415-17,17886,18353,	Morani, V.....12254	Morris, G. E.....18189
23086-7	24673,24792,24952,	Moras, M. de.....21960	Morris, H. E.....262
Moll, R...3896,14026,19201	27587,27691	Moras Th., M. de.....16376	Morris, J. J.....18556
Mollin, F. E..11928,28877,	Moore, B.....7335	Morato, A.....2073	Morris, K. R. S.....3469
28923	Moore, C. M.....13016,	Moravsky y P. R., B...4989	Morris, L.....17294
Molotkovsky, G. K...26514	23666	Morazain, J.....4211	Morris, L. E.....14421
Moltoni, A.....10704	Moore, C. W. E.....1227	Morazain, J. G..4881,4889	Morris, L. L.....18838
Molyneux, G. W.....4098	Moore, D. E.....12265	14207	Morris, M. L.....2266
Momchilov, I.....18878	Moore, D. F.....25134	Morcos, Z.....22248	Morris, M. M.....29386
Monachino, J.....15376-7	Moore, D. H.....2801	Moreau, E.....841	Morris, V. H.....26542
Monahan, B.....17335	Moore, E..17,5350,5352-61,	Moreau, L.....13652,20840	Morris, W. E...15073,15075
MonchadskiY, A. S...12742	19905,25255	Moreau, R. E.....1723	Morrish, R. H.....16507
Monchaux, D. de.....28050	Moore, E. B.....16634	Morehead, F. T.....15258	Morrison, B. Y.....10043,
Moncrieff, A. A.....29385	Moore, E. C.....844,1808,	Morehouse, N. F.....7487	16097,21466
Money, E. D.....4627	6415,6685-6,11068,	Moreira, J.....12010	Morrison, F. B..3021,16960
Mongliardino, C. A....2555	20839	Moreira, M.....14166,24727	Morrison, F. R.....8909-10
Monguillon, P.....21715	Moore, E. H.....24896	Moreira, M. A.....16911	Morrison, G.....983,1631,
Monod, L.....22332	Moore, E. L.....5227,5252,	Morel, G.....23197	11033-4,21578
Monroe, O. F.....276,7118,	5264	Morel, M.....19789	Morrison, H. E.....12707,
7124,7126,11866	Moore, E. N.....2802,12109	Moreland, C. F.....10535	21926,23118
Monroe, M. M.....247	Moore, F. E.....2900,7557,	Morelli, L.....26019	Morrison, J. G.....12177
Monsaroff, B.....13522	12195,17418,22749-50	Moreno, J. J..17589,24357,	Morrison, K.....8989,23584
Montaldo, A.....1045	Moore, G. E.....1722,11069	24378	Morrison, R. D.....13312
Mont. Agr. Expt. Sta..262,	Moore, H. B.....2556	Moreno Bonilla, J. C.17794	Morrison, S. R..2436,7214,
5529-31,25749-50	Moore, H. I.....6367	Moreschini, T..18516,19519	11929,13751,17080,
Huntley Branch Sta..5529	Moore, H. P.....7451	Moret.....15957	27369
Mont. Forest Lands. Adv.	Moore, H. R.....5011	Moret, L.....629	Morrissey.....17795
Com.....15257	Moore, I.....21165	Moreton, B. D.....12657	Morrow, E.....8378
Mont. State Col. Ext.	Moore, J. A.....18010	Moretti, B.....27493	Morrow, J.....8249,28702
Serv.....5620-2,9808	Moore, J. G.....25970	Moretti, O.....1917	Morrow, J. F.....22512
Montanaro, G.....12247	Moore, J. H.....8656	Morettini, A.....10834,	Morrow, K. S...20306,20312
Montarlot, G.....11159-60	Moore, J. B.....25485	15664-9,15917,15936,	Morrow, M. G.....8858
Monte, O.....18067,18133,	Moore, L. A.....7237	20611,21276-7	Morse, E. E.....15402
28195	Moore, L. A. L.....1326	Morey, B.....2180	Morse, E. V.....22513
Montealegre, M. R.....1516	Moore, L. B.....10279	Morgado, N. A.....25041	Morse, G. D.....3331
Montealegre C., E.....26018	Moore, L. D.....18038	Morgan, A. E.....27026	Morse, R. W...5674-5,9732
Montefredine, A....19054-7	Moore, M.....4596,17419,	Morgan, A. F...9409,25130,	Morse, S. F.....688,15331
Monteiro, M. L.....2318	26046,27368	25140,27486	Morse, T. D...4882,23853,
Montepeque Ramírez, J.9310	Moore, M. B.....10358	Morgan, B.....5768	24889
Monterey, P.....29158	Moore, M. H.....909,6117,	Morgan, B. B...11878,17016	Morse, W. J.....28949
Monteverde, J.....2798	10381,27917	Morgan, B. C.....14249	Morstedt, E. A. H...23989
Monteverde, J. J....27313	Moore, M. P.....19202	Morgan, C. L.....22788	Mortensen, E.....9741
Montfort, P. T.....15024	Moore, O.....28878	Morgan, C. H...1630,11032	Mortensen, M.....239,13442
Montgomerie, R. O...11176-7	Moore, O. K.....229	Morgan, E. G.....22673	Morton, C. V.....759-60,
Montgomery, C.....28425	Moore, P.....15055,17420,	Morgan, E. T.....21577	5962-3,10249
Montgomery, C. M....17140	22751,26381	Morgan, F. T.....16453	Morton, F. A.....12735
Montgomery, D.....15187	Moore, R.....3868	Morgan, J. D.....4307	Morton, J. A.....9345



Item	Item	Item	Item
Morton, M.....27693	Mudaliar, V. T. S...16961,	Mundinger, F. C.....20320	Mutti, R. J.....13455
Morton, T. F...2665,16454,	24523	Mundkur, B. B...15401,26285	Muttoo, R. N...12501,23042
22586	Mudd, C. H.....21170	Munger, F.....5411	Myburgh, S. J.....22203
Morwick, F. F.....11331	Mühleis, R.....24954	Munger, H. M.....1009	Myers, A.....7864
Moscrip, J.....18806	Mühlsteoph, W.....11533	Munger, T. T.....9605	Myers, A. J.....23088
Mosebach, G.....26515	Müller,.....8873	Munks, B.....22642	Myers, d'O. C.....14286
Moseley, E. L.....689	Müller, A. S.....10315	Munn, M. T.....1046	Myers, E. C.....16672,22127
Moseley, W. R.....24953	Müller, F.....27983	Muñoz Cañizares, R...22848	Myers, F. E.....3845
Moseley, L. A.....28614	Mueller, G. P.....22951	Muñoz Ginarte, B....23854	Myers, F. E., II.....8354
Mosey, M. E.....23556	Müller, J.....6719,7189	Muñoz O., M. M.....21091	Myers, J. H.....16099
Moses, C. S.....20164	Müller, J. F.....15264	Muñoz Otero, S.....26080	Myers, J. M.....18374
Moses, J. E.....24793	Müller, K. O.....10359	Muñoz Pizarro, C...690,761	Myers, L.....20145
Mosher, A. T...9311,15133	Mueller, L. A.....27241	Munro, D. C.....14537	Myers, L. F.....27029
Mosher, F. D.....2177,7090	Müller, O.....4020	Munro, G.....23557	Myers, R. J.....29095
Mosher, H.....13568	Müller, P.....7725	Munro, J. A.....3159,3539,	Myers, W. F.....23818
Mosher, M. L...14048,14972,	Mueller, R. W.....23857	3643,7806,8080,	Myers, W. I....8435,8848,
19474,20390,25689,	Müller-Miny, H.....5741	12436,12708	24340
25820,25826	Müller-Wessel.....11764	Munsell, L.....5631	Myers, W. M.....1243,20641
Mosher, R. H.....7070	Muello, A. C...1228,1387,	Munsell, R. I...1193,10749	Myhre, A. S.....10579
Mosier, J. E.....22564	3538,15865,15924,	Munsey, V. E.28604,28837-8	Myznikova, S.....28542
Mosimann, W.....4056,8528	16188,26840,26871	Munshi, M. C.....26021	
Moskovskaja Ordena Lenina	Muenzner, G.....14044	Munson, S. C.....23534	
Sel'skokhoziaistvennaja	Müri, E.....10954	Munz, P. A.....10025	
Akademiia imenu K. A.	Müssiggang, E.....17191	Muratov, A. P. K. See	
Timiriazeva...954,15496,	Muggli, J.....7650	Kiur-Muratov, A. P.	
22293,22763	Muguerza Zubiaurre, A....	Muratov, M.....6687	
Mosley, F. O.....6064	26700	Muratov, S. I.....12011	
Mosnat, H. R...10953,16098	Muhlmann, M. M.....19815	Murchison, C. T...4212-13,	
Moss, A. M.....23491	Muir, A.....26886	8657	
Moss, E. G...9531,25757-60	Muir, J.....25957,27459	Murdock, O.....28277	
Moss, R.....18172	Muir, J. G.....17242	Murie, R. C.....22064	
Mossop, M. C.....27904	Muir, R.....9346,24524	Murley, M. R.....26211	
Mostert, J. F. T.....21167	Muirhead, D. B.....17539	Murneek, A. E...6260,20299	
Mostert, T.....5093,22477	Mujica, O. E.....12033	Murmfæev, S.....17018	
Mosto, D.....14517	Mujica R., F.....801-2,5300	Murmfæev, S. N.....11732	
Mote, D. C...12707,21926,	Mukerjee, R.....8379	Murphey, C. E.....303	
23118	Mukerji, A.....7345	Murnhey, F. T...2093,22121	
Motley, W. A.....15843	Mukerji, B.....1103,26879	Murphy, E. J...8801,13697,	
Motomura, S.....23427	Mukerji, B. K...20997,21730	18879	
Mott, F. D.....5094	Mukerji, S. K...11409-10,	Murphy, H. C.....6319	
Mottern, H. E.....13627	21730	Murphy, H. F...282,1852,	
Mottram, W. R.13383,19820,	Mukherjee, R.....24923	21796	
27426	Mukherjee, B. B.....26108	Murphy, H. G.....28278	
Motz, A. B.....25016	Mukherjee, P.....23041	Murphy, J. H.....18652	
Motz, F. A.....10820	Mukherjee, S. K...21705-6	Murphy, J. M...11879,17019	
Motzok, I.....16764	Mukoseev, N. A.....4690	Murphy, R. R.....25070	
Mould, A. H.....4127,8250	Mulaik, S.....3372	Murphy, W. J.....27427	
Moulder, P. V.....17119	Mulford, F. L...174,14885	Murr, A.....7863	
Moule, G. R...12266,17561,	Mulholland, W. W...29169	Murray, C. W.....15714	
17873,22835,27787	Mull, R. P...10071,21024,	Murray, D.....8118	
Moulia, E.....29293	26543	Murray, D. B.....9514	
Moulton, E. L.....20495	Mullen, A. J...13752,18772,	Murray, D. L.....20437	
Moulton, H. G.....26020	28744	Murray, E. G.....23834	
Mounce, I.....10302	Mullen, K.....28918	Murray, F.....4782-3	
Mount, C. A.....2982	Muller, F. S.....10476	Murray, G.....2057,2901	
Mountain, J. W...5095,15311,	Muller, G. W., Jr...4659	Murray, H. R.....1358	
29294	Muller, H.....6404	Murray, J.....7125	
Moussatché, I.....28010	Muller, P.....27905	Murray, M. J.....1086	
Mousseu, G.....563	Muller Defradas, R...2624	Murray, N. G.....8802	
Mousty, A.....3266	Mullerried, F. K. G...1985	Murray, W. D.....23438	
Moutia, L. A.....7955	Mullett, H. A...9141,14167	Murray, W. G.....24204	
Movitt, E.....5240	Mullick, D. N.....17017	Murrill, W. A.10028,15985,	
Mowat, J.....28435	Mullick, N. P.....12545	26145	
Mowbray, G. St. L...6553	Mulliken, O. E.....20510	Murtagh, J. N.....22250	
Mowers, C.....21168	Mullins, C. E.....7021	Muruzabal, A.....10613	
Mowery, R. C.....22824	Mulloy, G. A.....6309	Murwin, H. F.....6051	
Mowry, H.....11412	Mulvany, J. L...4021,4518,	Museo Nacional de Costa	
Moxon, A. L...2754,9737,	17796	Rica.....5323	
11104,17566,21025	Muma, K. E.....7902	Musil, A. F.....14886-8	
Moyer, A. J...1037,10647	Muma, M. H...7902,12586,	Musillo, G.....14079	
Moyer, J. C.....13653	12645,23119	Mussa, E.....26176	
Moyer, R. T...7190,20071	Mumford, D. C.....25768	Mussehl, F. E...265,13908,	
Moyle, J. B.....26394	Mumford, F. B.....260	19095	
Mozambique. Repartição	Mumford, W. L.....9065	Mussel, H.....12001	
Técnica de Estatística...	Munce, T. W.....7496	Musser, A. M...1853,24264	
19721	Munch, J. C.....12435	Musser, R. H.....11380	
Mrak, E. M.....4362,8763	Munch-Petersen, E....2487	Mutch, H. W.....27028	
Mraz, C.....12500,27960	Muncrief, E. H.....294	Muth, O. H...5674-5,9732,	
Mucciolo, P.....8843,28643	Munde.....19687	17562	
Mudaliar, B. S.....11274	Mundhe, B. B.....2305	Mutinelli, A.....24427	
Mudaliar, S. V.17336,22249	Mundie, E. W.....27027	Mutter, J. L.....24200	



Item	Item	Item	Item
Nathanael, W. R. N.....4539	National Joint Com. on Nitrogen Util.--Continued.	Nebr. Agr. Col. Ext. Serv. 407-12,5623-34, 9809-12,15080,20407-20	Nesmeyanova-Zavadovskaya, E. G.....17194
Nathanson, S.....2955	Subcom. on Nitrogen Util. on Haylands and Pastures.....16380	Nebr. Agr. Expt. Sta.....263-6,5532,9696, 14990,20300-4,25751-2	Nesmith, E. N.....10955
National Agr. Limestone Assoc., Inc.....15301	National Joint Indus. Council for the Flour Milling Indus.....18281	Nebr. Dept. of Roads and Irrig.....16455	Nesom, G. H.....10515
National Assoc. of Corn and Agr. Merchants (Gt. Brit.).....26022	National Lime Assoc.....16544	Nebr. State Dept. of Vocat. Ed.....19584	Ness, A. R.....7109
National Assoc. of Frozen Food Packers.....15184	National Milk Publicity Council.....9441	Nebr. Univ.....19584	Ness, A. T.....11956
National Assoc. of Insecticide and Disinfectant Mfrs.....3160-1	National Mus. of South Rhodesia.....15225	Dept. of Poultry Husb... 19095	Ness, J.....29449
National Assoc. of Wool Mfrs.....28924	National Pest Control Assoc.....27925	Needham, J. F...2094,27165	Nessett, G.....9585
National Audubon Soc.....15311	National Planning Assoc... 5210,24856	Needham, J. G...12900,28198	Netherlands, Phytopat. Serv., Wageningen...7956
National Bot. Gardens of South Africa.....20652	National Poultry Conf., Canada.....9967	Needham, K.....2015	Nétien, G.....10580
National Cannery Assoc.... 18477,20527	National Pub. Assoc.....5779	Neel, L. R.1682,3834,4099, 19446,27331	Neto, J. A...6909,27064-5
National Catholic Rural Movement.....505,4716	National Recreation Assoc. 5868	Neelands, W.....14422,25018	Nettel F., R.....8000
National Comm. on Children in Wartime.....15134	National Res. Council Com. on Anim. Nutr.22375	Neeley, C. M.....13139	Nettles, W. C.....28051
National Com. on Housing, N. Y.....9885	Com. on Food Habits.... 9398,9980	Neely, A. W.....2557	Nettles, W. T.....27332
National Conserv. Policy Conf., Washington, D. C., 1944.....15311	Com. on Nutr. of Indus. Workers.....209,29388	Neely, J. W.....6343,20297	Nettleton, A.....11538
National Coop. Proj., Conserv. of the Nutr. Value of Foods..217,4335, 4375,9665,25680	Div. of Med. Sci.....659	Neethling, H. L.4057,18580	Nettleton, H. I.....1121
National Cotton Council of Amer.....15185-6	Food and Nutr. Bd.15242, 29387	Neff, J. A.....20780	Netto, F.....29325
National Council of Amer.-Soviet Friendship. Sci. Com.....14718	National Res. Council of Canada. Res. Plans and Pubs. Sect.....545	Negodi, G.....26428,26452	Netto, F. A...3748,4128, 7312,8582,9442, 13018,18560,18920, 28627
National Ed. Assoc. of the U. S.....5768	National Roster of Sci. and Specialized Personnel. 5851,15259, 20562,20617	Nègre, E.....8465	Netto, J. E. de P....16381
National Farm Chemurg. Council...1116,1871,2089, 2094,2100,2112, 2117,2150,2156, 2167,2172,2211, 2220,2225,16655, 18409,18537,18679, 18714,18874,18913, 18995,19063,19183	National Soybean Processors Assoc.....24429	Negrete e Ituarte, J. B. C.....7274	Netto, P. C.....26880
National Farm Radio Forum, Canada.....19628	National Tax Equality Assoc.....29101	Negril, G.....29477	Neubauer, E.....6775
National Farmers' Union and Chamber of Agr. of Scotland.....24728	National Turkey Impr. Plan.....27694	Negrul', A. M.....26723	Neubauer, H.....6775
National Fed. of Young Farmers' Clubs.....21054	National Victory Garden Inst., Inc.....534	Nehammer, Mrs. F....26785	Neubauer, L. W.....2138
National Fert. Assoc.16377	National Wildlife Fed.... 15311	Nehring, H.....20709	Neubert, A. M.....4359
National Fire Protect. Assoc.....5771	Natividade, J. V....1306, 15904,21253,26427	Nehring, K.....2268,3897, 6816,27280	Neubrech, W. L..2204,16698
National Food Distrib. Assoc.....28435	Natrass, R. M....842,910	Neill, J. C.....886	Neuer, H.....16214
National 4-H Club Cong., 1944.....101	Naudé, P. J.....1809	Neilson, J. D.....18211	Neugebauer, V.....6784
National Inst. for Res. in Dairying, Reading, Eng... 18633	Naudé, S.....14538	Neilson, G.....19117	Neukom, A.....3267
National Inst. of Agr. Bot.....21092	Naudé, T. J.....28196-7	Neish, A. C.....4214	Neuman, W. K.....24235
Seed Prod. Com....24498	Naudet, L.....13960	Neishtadt, M. I.....20901	Neunhoeffler, H.....22081
National Inst. of Agr. Engin...8251,18280,18305, 20514,28332	Naupert, A.....5780	Neiswander, C. R....12842	Nev. Agr. Col. Ext. Serv... 20421
National Joint Com. on Nitrogen Util.....15691	Navares, E.....17951-2	Neiswander, R. B....11192, 11226,11261,12843	Nev. Agr. Expt. Sta....267, 5533,14991-3
Com. on the Use of Fert. in the Prod. of Grass Seed in the South. Great Plains.....16378	Navarro, R. C.....22336	Neitz, W. O.....22414	Nev. State Planning Bd.... 20497
Subcom. on Green Manures, Cover Crops, and Crop Residues.....16379	Navarro Cardona, A....6065	Neiva, A.....18068	Nevano, G.....10705
	Naves, Y. R.....8908	Neiva, A. H.....19551-2	Nevens, W. B.....1265
	Nayar, C. K. V.....16845	Neller, J. R.....228	Neves e Castro, A. V. das. 2319
	Nayar, M. B.....21093	Nelson, A.....5964	Neveu-Lemaire, M.564,15220
	Nayar, P. N.....26701	Nelson, A. C.....18880	Nevin, F. R.....23120
	Nayar, T. G.....21278	Nelson, A. G.....25266	New, G. M.....12438
	Nayer, P. N.....8990	Nelson, C. E...16100,20591	New, I.....9142
	Neal, A. L.....19722	Nelson, C. I...22403,22661	New England Cranberry Sales Co.....24158
	Neal, J. H...3746-7,13043, 18200,23585,28305	Nelson, D. H....268,9717, 14997-8	N. H. Agr. Col. Ext. Serv... 15081-5
	Neal, J. L.....16816	Nelson, E. M.....29424	N. H. Agr. Expt. Sta..... 14994,20305-13
	Neal, M. P.....15112	Nelson, E. W.....21187	N. J. Agr. Col. Ext. Serv... 5635,9813
	Neal, O. R.....6872	Nelson, F. C.....7736	N. J. Agr. Expt. Sta.5408, 9697-714,17306, 20314-16
	Neal, P. A.....12437	Nelson, H. G.....18559	N. J. Dept. of Agr...18470, 25000
	Neal, R. R.....2398	Nelson, I. S...21633,26786	Bur. of Markets...25556, 25561
	Neale, E. P.....23855	Nelson, J. M..11961,22415, 22565	N. Mex. Agr. Col. Ext. Serv.....20422-5,25924-9
	Neale, J. R....8844,27801	Nelson, K. L.....447	N. Mex. Agr. Expt. Sta.... 268,5534-6,9715-18, 14995-8,25753-4
	Neale, P. E.....13523	Nelson, L.....5028,24856	New South Wales. Dept. of Agr. Biol. Branch.....8529
	Neatby, K. W....3162,6908, 14080,15503,21094, 24499,25183	Nelson, M.....14962	Div. of Mktg. and Agr. Econ.....18950
		Nelson, M. H.....13017, 25692-6,25698-9,25701	Ent. Branch.12439,17725, 22976
		Nelson, N. M...7488,27315, 27609	New South Wales. Statistician.....23903
		Nelson, P.....9114	New South Wales. Water Conserv. and Irrig. Comm. 21873
		Nelson, R. C...1307,10316, 15905,20781	
		Nelson, S. E.....3373	
		Nelson, W. L...21797,26984	
		Nepveu, P.....23392,28146	
		Nerenberg, G. A.....8581	
		Nesbit, S.....24370	
		Nesbitt, L. D.....18881	
		Nesbitt, L. L.....26548	
		Nesius, E. J.....9796	



Item	Item	Item	Item
N. Y. Bd. of Trade, Inc.	Newman, G. A. 13961, 19723,	Nieschlag, ..... 22378	Nordyke, L. .... 21708, 24338,
Textile Sect. .... 15187	29351	Nieto Soto, L. A. .... 28147	29206
N. Y. (City) Food and	Newman, L. H. 3594, 8119-20,	Nigg, M. .... 7275	Norgaard, U. J. 6368, 16250,
Nutr. Com. .... 9985	12844, 28199	Nihous, M. .... 15671, 26516	19126
N. Y. (City) Pub. Libr.	Newman, M. R. .... 9611	Nijensohn, L. .... 16456	Noriega Calmet, E. .... 11464
Munic. Ref. Libr. .... 596	Newman, M. S. .... 22951	Nijhawan, S. D. .... 21837	Norlin, G. .... 20498
N. Y. Comptroller. .... 29450	Newman, T. 2700, 2902, 7425,	Nikitashko, T. .... 24794	Norman, A. .... 1518
N. Y. (Cornell) Agr. Col. ..	7459, 7558-9, 12179,	Nikitin, K. .... 5314	Norman, N. P. .... 14543, 19792
3695, 4080, 4256,	17243, 17422-5, 18354,	Nikitin, S. A. .... 26930	Norman, P. 9400, 9458, 11280
4757, 4941, 18421,	22613, 22752-3, 27588-9,	Nikitina, N. I. .... 11175	Normand, D. .... 5965, 10224,
19491	27695	Nikolaev, A. M. .... 9940	26429
Dept. of Agr. Econ. and	Newton, J. D. .... 11178, 26906	Nikolov, G. .... 15709	Normand, H. .... 7957
Farm Mangt. .... 15116, 18810	Newton, L. .... 6720	Nilson, H. W. .... 29404-5	Normand, L. .... 14325
Ext. Serv. 413-21, 5636-9,	Newton, L. G. .... 2803	Nilsson, A. R. .... 3818	Normile, J. .... 20512
9814, 15086-9,	Newton, M. .... 20846	Nilsson, F. .... 6759	Norrgård, A. .... 1134, 26892
20426-35, 25930-8	Newton, O. M. .... 2488	Nilsson-Leissner, G. .... 1229	Norris, C. B. .... 9604
N. Y. (Cornell) Agr. Expt.	Newton, R. C. .... 26060	Ninni, E. .... 17672	Norris, D. O. .... 15543
Sta. .... 269-73, 5537-8,	Newton, W. .... 1047	Nisbet, J. .... 2399	Norris, F. H. .... 7080, 10124,
9719-21, 14999-5004,	Newton, W. L. .... 23336-7	Nisbet, J. C. 13347, 27370-1	11605
20317-19, 25755-7	Newton-White, E. 9242, 14629	Nisnovich, L. .... 2490	Norris, F. W. .... 19790
N. Y. (Cornell) Engin.	Ng, Y. C. .... 18134	Nissen, B. H. .... 8976	Norris, G. 7594, 17522, 17989
Expt. Sta. .... 12995	Niblett, M. .... 3540	Nissley, C. H. .... 1632, 1890,	Norris, K. R. .... 3374
N. Y. Metrop. Mus. of Art.	Nicaragua. Ministerio de	4283	Norris, L. C. .... 14571, 14596,
5840	Agricultura y Trabajo. ....	Nistri, P. F. .... 14324, 19520	27584
N. Y. (State) Agr. Expt.	15284	Nitzsch, von. .... 1760	Norris, P. K. .... 117
Sta. .... 5539, 9722,	Nichiporovich, A. A. 10581	Niven, L. A. .... 1183, 6332,	Norris, R. E. .... 6817, 21799
20320-28, 25758	Nicholas, J. E. 8252, 8446,	25214	Norris, R. V. .... 8466
N. Y. State Dept. of Agr.	8583, 13019, 23882,	Nixon, E. L. .... 1633, 6066,	North, W. R. .... 13191
and Markets. .... 565, 5380,	25771	23667	North Canterbury, New
9556, 13222, 17421,	Nicholas, R. T. .... 2489	Nixon, G. E. J. 18087, 23439	Zeal., Catchment Bd. 1231
24046	Nicholls, W. D. .... 20282	Nixon, R. W. .... 19889	N. C. Agr. Col. Ext. Serv.
Bur. of Markets. 5459-60,	Nicholls, W. H. 762-3, 26212	Nixon, W. M. .... 1230, 6910,	422-9, 9815-16,
25521	Nichols, A. A. .... 4129,	15755	15090-3, 25939
N. Y. State Col. of	23990-1, 28644	Noachovitch, G. .... 8419	N. C. Agr. Expt. Sta. ....
Forestry, Syracuse Univ. ..	Nichols, E. L. .... 14810	Noakes, R. E. .... 22478	5540-1, 9723-6,
27205	Nichols, F. A. .... 4085	Noakes, W. .... 18616	20329-30, 25759-61
N. Y. (State) Dept. of	Nichols, H. E. 21306, 25883	Nobécourt, P. .... 10582-3	N. C. Crop Impr. Assoc.,
Taxation and Finance. ....	Nichols, J. E. .... 566, 22811	Noble, E. .... 16101	Inc. .... 21090
19253	Nichols, L. A. .... 4784	Noble, G. K. .... 15312	N. C. Dept. of Agr. .... 29451
N. Y. State Emergency Food	Nichols, M. B. .... 20466	Noble, G. L. .... 12934	N. C. State Col. School
Com. .... 15244	Nichols, S. R. .... 18726	Noble, I. 4473, 4519, 14595	of Textiles. .... 26011
N. Y. Univ. Inst. of In-	Nichols-Roy, S. .... 5237	Noble, K. F. .... 13814	N. Dak. Agr. Col. Ext.
ternatl. Finance. .... 25042	Nicholson, A. .... 3656, 8727,	Noble, M. .... 16102	Serv. .... 5640-3, 20436-7
New Zealand. Census and	18234	Noble, R. C. .... 15312	N. Dak. Agr. Expt. Sta. ....
Statis. Dept. .... 19553, 23904	Nicholson, C. .... 22797	Noble, R. J. .... 23819	274, 9727, 15005,
New Zealand. Dept. of Agr.	Nicholson, D. J. .... 15948	Noble, W. .... 21970, 27105	20331-5, 25762
1386, 3697, 10342,	Nicholson, H. P. .... 23275	Nobley, F. B. .... 28237	N. Dak. Hail Insurance
16439, 19365, 21217,	Nicholson, Mrs. H. S. 26842	Nóbrega, A. .... 13313, 18518,	Dept. .... 29097
23066	Nicholson, J. C. .... 17480-1,	28543	N. Dak. Seed Dept. .... 28771,
Fields Div. .... 10769	17525, 18951	Nobrega, N. R. .... 10391	29006
Livestock Div. .... 3069	Nicholson, L. W. .... 22674	Nobrega, P. .... 12110	N. Dak. State Lab. Dept. ....
New Zealand. Dept. of Sci.	Nicholson, W. D. .... 5649	Nochberg, N. .... 1388	23805
and Indus. Res. 4004, 6241,	Nickell, P. .... 3796, 13074-5	Noek, H. K. .... 4404	Northbourne, Lord. .... 26107
27066	Nickerl, R. .... 11548	Nodder, C. E. .... 18263, 18727	Northeastern Corn Impr.
New Zealand. Milk Comn. ....	Nicks, C. E. .... 22514	Nodland, T. B. .... 24641,	Conf., 1, New Haven,
15188	Nicol, G. .... 7383, 27626	24795-8, 24833, 29235	Conn. .... 26081
New Zealand. Natl. Council	Nicol, H. 1683, 11275, 16765	Noel, E. W. C. .... 24603	Northeastern Dairy Conf.
of Primary Prod. .... 2016	Nicol, H. S. .... 8845	Noël, P. .... 27177	Statis. Com. .... 38
New Zealand. Soil Conserv.	Nicol, J. .... 11744	Noer, O. J. .... 21634	Northeastern Wood Util.
and Rivers Control	Nicol, M. J. .... 3657	Noerr, B. .... 17144	Council. .... 2068, 27206
Council. .... 1986, 10046, 21740	Nicolaisen, ..... 1266	Noftzger, S. A. .... 7426	Northern Co. Anim. Dis.
Newark, C. .... 14423, 24955-6	Nicolaisen, W. .... 4360	Nogin, T. C. .... 7276	Res. Fund. Mem. to Alan,
Newbill, T. J. .... 1517	Nicolaisen, W. .... 6776, 19058	Nohle, E. G. .... 7129, 7173	8th Duke of Northumb. ....
Newburger, S. H. .... 28950	Nicolas, M. G. .... 12845	Noirjean, P. .... 7384	27791
Newcomb, F. .... 8726	Nicolle, P. 23393-5, 28143	Nolan, L. C. .... 14682	Northern Ireland. Min. of
Newcomer, E. R. .... 6261	Nicora, C. D. 4845-6, 14250,	Noland, T. W. .... 17413	Agr. .... 16530, 20782, 21331-2,
Newell, I. M. .... 17887	19367-9, 28582	Nomblot, ..... 21254	21579-81, 21800, 21834,
Newell, J. .... 16414, 16521-2,	Nieb, L. C. .... 3334	Noojin, R. O. .... 5196	22204, 22675, 22754,
16554-5	Niederfrank, E. J. .... 19959	Noon, M. L. .... 12504	23043-5, 23396
Newell, L. C. .... 26146	Niederhof, C. H. .... 27013	Noonan, J. B. .... 28436	Northrup, F. B. .... 5349
Newell, P. F. 399, 402, 404-5	Niehaus, P. .... 18478, 21798	Nord, E. C. .... 29254	Northrup, M. A. .... 17126
Newell, R. E. .... 3268-70,	Nieland, L. T. .... 11526, 25797	Nord, F. F. .... 10071	Norton, A. J. .... 16686
3332-3, 12502-3, 17837,	Nielander, W. .... 25001	Nordby, J. E. .... 2992, 8846,	Norton, C. L. .... 7287
27984-5	Nielsen, E. L. .... 991, 10478	22836	Norton, D. M. .... 2625, 7363,
Newfoundland. Dept. of	Nielsen, L. W. .... 15537, 23764	Nordenborg, M. O. .... 19447	7406
Nat. Resources. Agr. Div.	Nielsen, N. I. .... 5667, 5669,	Nordfeldt, S. 12325, 17627,	Norton, E. B. .... 5768
15292	8407	22379	Norton, H. W., Jr. .... 2400
Newill, P. K. .... 19756	Niemeier, Mrs. J. .... 6555	Nordlinger, E. .... 24500	Norton, J. B. S. .... 16103
Newland, L. G. .... 4091	Niemeyer, D. D. .... 4681	Nordlinger, E. W. .... 13020	Norton, L. B. .... 22977
Newman, E. .... 3686, 19688	Niemeyer, W. .... 18440	Nordskog, A. W. .... 4215	
	Nierenstein, M. .... 16273	Nordström, F. .... 23492-3	



Item	Item	Item	Item
Norton, L. J. 4882-3, 14492, 14073, 25821-2, 28660	O'Brien, H. R. 1849, 24874	Oleson, J. J. 22638	Orcasberro, J. V. 19689
Norton, R. A. 3705	O'Brien, J. J. 4922	Oley, W. W. 4321	Orchard, E. R. 11161
Norton, R. E. 11962	O'Brien, R. E. 16537, 25485	Oliva, A. 10675, 10707, 20611	Orchard, H. H. 21583
Norway Embassy, U. S. 660	O'Brien, W. S. 17643	Oliva, G. R. 16828	Orchard, M. 4923, 5097, 12181, 15844, 24957-8, 29296
Nottin, P. 8804, 13698-703, 28839	Obruchev, V. A. 1786	Olivé, C. F. 3909, 4219	Orcutt, H. P. 2321
Nouvel de Kerangué, S. 15715	O'Bryan, J. G. 27811	Olive, L. S. 6118, 26287	Oreamunc, J. R. 24604
Nouvel, J. 12440	O'Byrne, W. 27154	Oliveira, A. A. de 23809	Oreg. Agr. Exnt. Sta. 295, 5408, 9732, 25634, 25765-8
Nova Scotia. Dept. of Agr. 16808	Ocamro, A. 4217	Oliveira, A. X. de 19554	Medford Branch 202
Nova Scotia Farmers' Assoc. 4093	Ochioni, P. 20931	Oliveira, L. C. de 22337	Oreg. Com. on Nutr. for the School Child 15243
Novelo F., E. 1161, 10706, 16274, 16374, 21171, 21668	Ochoa, F. 22872	Oliver, A. W. 9831	Oreg. State Col. Ext. Serv. 5656-92, 9819-38, 15096-100
Novicky, R. 3070, 26047	Ochoa, H. 13044, 18306	Oliver, J. S. 24117	School of Forestry
Novikoff, M. 2744	Ochoa, J. 17101	Oliver, R. G. 1267, 6067	Oreg. Forest Prod. Lab. 11561
Novikov, V. A. 15672	Ochoa, L. 6679, 10392	Olivera Massó, C. 17953, 18519	Oreg. State Joint Com. for Health and Physical Fit- ness 15243
Nowitzki, E. 11733	Ochse, W. 24189	Oliveras Massó, C. 3980-1, 28545	Oreg. State Land Bd. 29207
Nowosad, P. S. 7453	O'Connell, C. K. 4847	Olivier, G. J. 18441	Oreg. State Reclam. Comm. 27030
Noyen, J. 14696	O'Connor, R. T. 9405, 19059, 28951	Olivo, G. D. 10587	Oregui, I. 2401
Noyola V., J. F. 14493, 18460, 20352	O'Connor, S. 23883	Ollea, D. E. 4849, 13276, 13524-6, 14168, 19371, 24339, 29071	Oren, A. 9278
Nuber, J. R. 14494	O'Lea, S. 2874	Ollivier, H. 26413, 26478-9	Orensanz, J. 2650
Núñez, A. 21055, 21095	O'Dell, D. 22122	Olmos Castro, A. 1918, 11333	Orent-Keiles, E. 9410
Núñez, R. 14424	Oderkirk, A. D. 4100, 4130, 4598	Olmstead, R. H. 7215, 22338	Orfila, R. N. 12811
Núñez Andrade, R. 8153	Odintsov, G. 3779	Olmstead, R. W. 205	Organ, J. G. 26549
Núñez Mesa, D. 29295	Odle, D. T. 5211	Olmsted, C. E. 10585	Orian, G. 15538
Nunn, A. 23823	O'Donnell, C. 4218	Olmsted, F. L. 16104	Orive Alba, A. 11334
Nunn, F. 2074, 16587	O'Donnell, W. G. 4848	Olmsted, F. S. 11429	Orizet, J. 19280
Nuret, H. 8805	Odrionola, M. 22826, 26048	Olney, A. J. 15058	Orland, H. P. 8361
Nurse, F. R. 12901	Oertel, J. 21582	O'Loan, J. 2269	Orlando, A. 15445
Nussbaum, 27433	Oeschger, J. 6721	O'Loughlin, D. B. 2559	Orlov, E. S. 7159, 7636
Nuschag, W. 16827	Ötomöy, D. 17444	Olsen, C. B. 21801	Orlov, P. M. 22293
Nute, A. D. 4216	Oettingen, K. 21172	Olshammer, C. A. 1225	Ormond, J. I. 4131, 15183
Nutile, G. E. 1048, 10584, 24501	Oettingen, W. F. von 12437	Olson, C., Jr. 22676	Ormsbee, H. F. 22788
Nutman, P. S. 6262, 15673	Offerman, J. 1520	Olson, E. M. 22783	Ormsby, M. A. 4851
Nutrition Found., Inc. 25071	Offutt, M. L. 28544	Olson, H. 16616, 22087	Ornduff, D. R. 13793, 17990
Nutt, W. F. 5096	Ofner, R. R. 17140	Olson, J. C., Jr. 28645	O'Rourke, F. J. 12798
Nuttall, C. 25177	Ogburn, W. F. 9277	Olson, J. T. 13753	O'Rourke, F. L. 1071
Nuttonson, M. Y. 20072	Ogden, G. E. 11956	Olson, L. C. 1854	Orozco R., J. A. 2039
Nuzhdin, N. I. 23276	Ogdon, M. 13977	Olson, L. W. 3982	Ornet, E. C. 11105
Nyasaland. Dept. of Agr. 26570	Ogilvie, G. F. 5742	Olson, O. E. 21025	Orr, A. E. 9098
Nyasaland. Vet. Dept. 22251	Ogilvie, L. 20842	Olson, T. M. 16789	Orr, C. W. 17482
Nybroten, A. N. 9667	Ogle, R. C. 3644, 12180, 17426, 25937	Olson, W. Z. 5439-40, 9606, 14839, 20104	Orr, G. M. 22574
Nyenhuys, E. M. 6649	Oglesbee, J. C., Jr. 9587	Olsson, H. 19238, 19492	Orr, H. W. 22755
Nyffeneegger, A. 11678	O'Grady, L. 1753	Olsson, M. 1102	Orr, Sir J. B. 9918, 9938
Nylund, R. E. 26959	O'Hanlon, M. J. 12226	Olsson, P. A. 2270-1	Orr, L. E. 3272, 17797, 27962
Nysterakis, F. 20841, 23391	Ohaus, F. 7958	Olsson, V. 17082	Orr, L. W. 20002, 27906
Nystrom, A. B. 14819	Ohe, H. von der 12113	Olsson, P. 17082	Orr, M. Y. 26430
Nystrom, A. G. 7165	Ohio. Agr. Col. Ext. Serv. 430-45, 5644-7, 9817-18, 20438-42, 25940	Olvera, L. T. 1233	Orr, T. J., Jr. 27182
Nystrom, G. H. 12965	4-H Club Dept. 431-3	Oman, D. E. 28745	Orr, W. H. 27590
	Ohio. Agr. Exnt. Sta. 20, 275-80, 5542-3, 9638, 9728, 14118	Omodeo, C. 15937	Orshanskaja, V. N. 11740
	Ohio. State Univ. 28775	Omohundro, E. H. 20145	Orsini, P. d'A. 14028, 14326
	Dept. of Rural Econ. and Rural Sociol. 8823, 14118, 19622, 23886	Oneal, Mrs. B. G. 21467-8	Ortega, P. 5253, 18774
Oakley, J. E. 11930	Ohlsen, T. L. 8510	O'Neal, W. F. 13754	Ortega, P. M. 7216
Oakley, M. 13962-3	Oitaven, A. V. 10029	O'Neil, S. 2903	Ortega Catáneo, H. 11517
Oaksmith, D. P. 29007	Ojemann, J. G. 7157	Oneto, J. F. 15678	Ortega Nieto, J. M. 1855
Obando, N. 14081, 19724, 24904	Okáč, A. 6760	Onsdorff, T. 5656, 25765	Ortega Paris, F. 22339
Obaton, F. 1049, 6263, 10125, 10636	Okey, S. 12885	Ontario. Dept. of Agr. 1370, 2433, 7235, 12320, 13917, 18490	Ortenzi, G. F. 15674
O'Fairne, M. 6993	Okell, R. L. 4520	Stallion Enrolment Bd. 27509	Orthmann, A. C. 539
Oberchain, F. 22857	O'Kelly, J. F. 15809, 21096	Ontario. Hort. Expt. Sta., Vineland 21236	Ortiz, G. 4405
Obershain, S. S. 20173, 25485	Okey, R. 9443	Oparin, A. I. 6302	Ortiz, G. V. 24159
Oberg, R. 11332	Okla. Agr. Col. Ext. Div. 5648-55, 15094-5, 25941-6	Ophel, A. E. 27961	Ortiz, M. 2491
Oberg, S. F. 18408	Okla. Agr. Exnt. Sta. 231-2, 281-94, 5408, 5544-9, 9729-31, 15006-8, 20204, 20336-9, 25763-4	Opitz, H. 9941	Ortiz, N. C. 14170
Oberholtzer, J. W. 19270, 19279	Bixby Veg. Res. Sta. 9730	Opitz, K. 6264, 11276	Ortiz Camacho, A. 12772
Oberholzer, P. C. J. 6818	Olafson, P. 3021	Oppenheim, B. 1634, 21039	Ortiz Garmendia, J. 6873, 16621, 16829, 25184
Obermayer, E. 13704	Olalquiaga Fauré, G. 3406	Oppenheimer, F. 16816	Ortiz R., G. 10806
Obermayer, M. E. 7808	Olariaga, N. de 14287	Oppenheimer, H. 1328, 1521, 6416, 15938	Ortloff, H. S. 6556
Oberti, F. 27532	Olberg 10657	Oppermann, M. 2649, 7385	Ortolli, M. F. D' 12747
Obertreis 19370	Oldershaw, A. W. 10030	Oppermann, T. 7158, 7385, 7679, 12346	Orton, C. R. 6874, 14669, 29208
Obregón, G. 12966, 15788	Oldham, F. S. 21333	Orbeli, L. A. 20618	Orton, E. C. 24236
Obregón B., R. 1232, 13964, 21716		Orborn, A. 2437, 3818	Orvedal, A. C. 20173
O'Brien, E. J. 8806			



Item	Item	Item	Item
Orwin, C. S. 9500, 9908, 25201	Owens, H. B. .... 10031	Palloni, G. .... 14327	Pareschi, ..... 9347
Oryza, ..... 24303	Owens, J. S. .... 6370, 25796	Palm, C. E. .... 3164	Pareschi, C. .... 9145
Osborn, B. .... 6369	Owens, W. H. .... 11972	Palm, G. .... 28500	Paret, F. L. .... 12800
Osborn, F. J. .... 5001, 5753	Oxford, Univ.	Palm, T. .... 23192-3	Parfitt, E. H. .... 4101
Osborn, R. A. .... 28746	Agr. Econ. Res. Inst. .... 506, 9886	Palma, D. 2905, 16106, 20869	Parham, B. E. V. .... 21635
Osborne, E. .... 4852	Dent. of Bot. Libr. 15286	Palma, S. E. .... 1050	Parija, B. .... 1065
Osburn, M. R. .... 12799	Oxy-Acetylene Tins. 13045	Palmeiro, J. O. .... 3015	Paris. Muséum National d'Histoire Naturelle. Laboratoire de Cryotogamie. .... 10032
Oscar Cler, G. .... 2604	Oxycedrus, J. .... 28279	Palmer, A. E. .... 21910	Parish, A. J. .... 2746, 2804, 2906, 7490, 7560-1, 12087, 12087, 12183, 17296, 17427-8, 18355, 22643, 22756, 27591, 27696-8
Oser, B. L. .... 19783, 25114, 25138, 29422	Oyanguren, J. .... 21097	Palmer, C. .... 9979	Parisi, E. .... 8807
Oser, M. .... 25138	Oyler, P. .... 26107	Palmer, C. C. .... 7277	Parisi, O. .... 11638, 11931
Osgood, G. 2745, 2904, 12182, 13098, 17295, 27841	Oza, T. M. .... 4660	Palmer, C. D. .... 8692, 18775, 25290, 28798	Park, B. .... 1523
O'Shea, M. J. .... 23992	Özbaş, H. .... 15885	Palmer, C. M. .... 796	Park, C. M. .... 3749
Osinov, M. .... 27820	Ozenim, P. .... 15594	Palmer, D. F. .... 28238	Park, J. B. .... 28952
Osinovich, A. A. .... 2160	Pablo Duque, J. 6785, 16508	Palmer, E. J. .... 764	Park, O. .... 7959, 17955
Osland, H. B. .... 11809	Pacaud, A. .... 28089	Palmer, E. L. 421, 5639, 6008	Park, T. .... 23194-5
Osorio, L. H. .... 1635, 6650, 15866-7	Pace, J. V. .... 25919	Palmer, L. S. .... 9429, 18629, 28599	Parker, A. J. .... 16460
Osse, L. .... 2040, 3819, 6951, 11449, 13099, 16556, 28401	Face, W. .... 5098	Palmer, M. A. .... 3103	Parker, B. M. .... 5852
Osser, E. .... 23794	Pacheco Mendoza, I. .... 13705	Palmer, R. R. .... 28629	Parker, C. O. .... 19961, 24160
Ossiannilsson, F. .... 23397, 23440	Pacheco Thomas, A. .... 18921, 22205	Palmer, W. .... 1522	Parker, D. .... 946
Ostanesko, L. A. .... 10591-2, 15681	Paci, C. .... 27399	Palmer, W. R. .... 24799	Parker, E. R. .... 844, 1740
Ostbo, E. .... 16105	Pacini, A. E. .... 4148	Palmira, Colombia. Estación Agrícola Experimental. .... 913, 1143, 1325, 3511, 25216	Parker, F. M. .... 9446
O'Steen, A. W. .... 357, 25799	Pack, F. C. .... 19059	Palmiter, D. H. .... 843, 25758	Parker, G. R. .... 8693
Ostenko, L. A. .... 26522	Packard, C. M. .... 5389, 9563	Palomares Casado, M. 11131, 26893	Parker, H. .... 22340, 27430, 27821
Ostertag, R. von. .... 11734	Packard, W. E. .... 6876, 14353	Palomo, G. .... 9479	Parker, H. A. .... 26559
Osterwalder, A. .... 20843	Packer, J. E. .... 9222	Palti, J. 6069, 15447, 15451, 15504, 15510-12	Parker, H. L. .... 17727
Ostrolenk, M. .... 23985	Pacyna, G. .... 14029	Pam, A. .... 10957	Parker, J. .... 16107
Ostrom, C. E. .... 2189, 7065, 11587, 16685	Paddock, A. .... 11679, 22206	Pampianini, R. .... 26213-14	Parker, J. B. .... 14819
Ostwald, H. .... 22028, 22065	Pader, M. .... 25138	Pan Amer. Union. .... 9507, 13170, 15307-8, 25185	Parker, J. E. .... 5642, 7427
Ostwald, E. .... 9539	Padilla, E. .... 28516	Div. of Labor and Social Inform. .... 20486	Parker, K. G. .... 26365
O'Sullivan, J. .... 16457	Padley, W. .... 507	Governing Bd. Com. on Agr. .... 26110	Parker, L. T. .... 21932
Oswald, H. .... 15285, 25215	Padmanabhan, C. V. .... 11880	Panama. Departamento de Sanidad. .... 18316	Parker, M. W. .... 15675, 26526
Oswald, A. L. .... 7364	Padron, R. .... 29021	Panchenko, D. .... 23784	Parker, M. .... 23714, 28747
Oswald, F. G. .... 5830	Padwick, G. W. .... 6007, 6068, 26288	Panchenko, I. A. I. .... 26082	Parker, R. .... 24437
Oswalt, R. M. .... 25763	Pady, S. M. .... 15446, 20783	Pande, J. K. .... 23905	Parker, R. L. .... 12506-7
Oswin, C. R. .... 3910, 28477	Paech, K. .... 26517	Pande, P. G. .... 17565	Parker, R. W. .... 17798
Otago-Southland Young Farmers' Club. Council. .... 14374	Páez, C. .... 24036	Pandittesekere, D. G. 18796	Parker, W. H. .... 27782
Otalora, A. 1294, 3423, 17726	Páez C., J. .... 21173, 24729	Panella, A. .... 13706	Parker, W. V. .... 3494
Otero Polo, R. .... 3102	Pagán, V. .... 6243	Panfilov, V. N. .... 11120	Parkin, E. A. .... 12417, 12710
Otis, J. R. .... 1856, 19538	Pagani, F. .... 24431	Panichi, P. .... 27398	Parkin, I. E. .... 7313
Otis, F. .... 17954	Page, E. .... 22380	Pannwitz. .... 22207, 23776	Parkinson, A. H. .... 4284
Otoya, F. J. .... 3424	Page, Sir E. .... 4456, 18653, 27031	Panova, E. .... 26468	Parkinson, T. L. .... 19783
Otoya A., F. .... 12658	Page, E. C. 382, 5606, 25891	Panse, V. G. .... 16853, 20654	Parks, K. M. .... 2130
Ott, W. H. .... 17346	Page, J. B. .... 1744	Panshin, A. J. .... 16659	Parks, S. L. .... 5099
Ottaway, C. W. 17564, 27298	Page, J. P. .... 11192, 11221, 11226, 11261	Pantanelli, E. .... 10045, 16458-9, 21691, 21835, 24432	Parks, T. H. .... 7960
Otte, F. .... 17145	Paget, R. F. .... 3014, 7625, 22812	Pantoli, B. .... 11830	Parks, W. .... 9368
Otter, F. L. .... 11335	Pagnini, U. .... 17337-8	Panton, E. H. .... 19372	Parliamentary and Sci. Com. (Gt. Brit.) .... 15135
Otter, J. R. .... 22104, 27188	Pai, S. .... 7984	Pantulu, J. B. .... 15595	Parlow, A. E. .... 6999
Otto, A. H. .... 21469	Paillot, A. .... 12505, 23441, 23494, 23537-8, 27963, 28200-1	Panunzi, U. .... 18307, 19060	Parmenter, R. B. .... 2147
Otto, L. .... 8355	Paine, F. .... 3946	Pao, W. K. .... 26453	Parnham, G. F. .... 7595
Otto, M. L. .... 5495, 25890	Paine, K. E. .... 15789	Pape, R. .... 22546	Parodi, E. .... 10072
Otto, V. E. .... 13909	Pairault, A. .... 3273, 7865, 17838, 23089	Papendorf, M. C. .... 26199	Parodi, L. R. .... 5966, 10126, 10425, 26217, 29479
Otty, M. G. .... 11844	Pairoa Eppele, H. .... 12846	Paper Shipping Sack Mfrs. Assoc. .... 14720, 18458	Parpagliolo, M. T. .... 16108
Ou, S. H. .... 10360	País, P. G. .... 13417	Pani, G. U. .... 5743	Parr, C. H. .... 21802
Ovalle V., C. A. .... 16275	Paiva, R. M. .... 18520	Panno, M. .... 29044	Parr, T. J. .... 14792
Ovens, F. J. .... 5631	Pal, A. K. .... 17017	Pardó, L. .... 26215	Parr, W. J. .... 29480
Overbeek, J. van. .... 10586-7	Pal, B. P. .... 6392, 10807	Pardieck, J. .... 28435	Parra Arce, J. .... 18882
Overholser, E. L. .... 313	Pal, H. N. .... 21213	Pardo Alcaide, A. .... 3104	Parrish, B. D. .... 4458, 4957, 14973, 29073
Overholt, V. .... 6875	Palacios, A. L. .... 20494	Pardo Navarro, L. .... 15448	Parrot, A. G. .... 6199, 10479-82, 12773
Overley, F. L. .... 313	Palacios, L. M. .... 19749	Pardo Pascual, M. .... 26608	Parrot, L. .... 8001, 22428
Overman, O. R. .... 8530	Palacios Sáenz, C. .... 4853	Pardue, I. M. .... 27499	Parrott, P. J. .... 20321-3, 20325-8, 20336
Overstreet, R. .... 1761	Palavicini, F. F. .... 9272	Paredes C., A. .... 26216	Parry, J. W. .... 26083
Owen, A. .... 18729	Palazzo, F. C. .... 9942	Parent, M. .... 23324	Parry, P. .... 27482
Owen, E. C. .... 6819	Palazzo, J. T. .... 19118	Parenti, E. .... 10708, 10725	Parshall, R. L. 11336, 20266
Owen, E. D. .... 25185	Palese, R. A. M. .... 2192		Parsons, A. .... 19629
Owen, L. N. .... 12441	Palhinha, R. T. .... 26177		Parsons, A. C. .... 1724
Owen, R. D. .... 27429	Palibin, I. V. 11070, 20653, 20710		Parsons, B. T. .... 23346
Owen, W. B. .... 23338	Pallaske, G. .... 7489, 17021		Parsons, C. H. .... 252
Owen, W. P. See Powell-Owen, W.			
Owens, A. L. .... 15009			



- | Item                        | Item                        | Item                       | Item                            |
|-----------------------------|-----------------------------|----------------------------|---------------------------------|
| Parsons, C. T...2178,16640  | Paul, R. E.....9082         | Peecch, M.....1091,26900   | Peraza, V. M....2243,11810,     |
| Parsons, H.....21472        | Pauli, C.....12224          | Peede, L. G....2161,14680, | 22341                           |
| Parsons, H. H.....7103      | Paulian, R.5817,7950,7961,  | 27533                      | Peraza Nunez, M. J....8911      |
| Parsons, H. L.....24081     | 12383,12659-64,27856        | Peel, P. W.....18308-9,    | Pereza y Sarausa, F..29453      |
| Parsons, H. T.....9147      | Paulian de Felice, L.....   | 23696-7,23777              | Percival, G. P.....20306        |
| Parsons, K. K.....22574     | 7903-4,12587,28006          | Peele, T. C.....15012      | Percival, M. S.....3274         |
| Parsons, L. C.....13910     | Paulling, J. R.....9806     | Peer, G.....12968          | Perdisa, L.....496,9929         |
| Parsons, M. S....4022,8808, | Paulsen, E. F...1987,16509  | Peevie, W. G. G.....22413  | Perdomo, G.....24876            |
| 18883,25291                 | Paulsen, T. M. See Paulson, | Pegg, S. E.....11933       | Perdomo, J. E.....19150         |
| Partain, L. E.....22164     | T. M.                       | Peglion, V.....10361-3     | Peregrine, A.....13421          |
| Parten, H. L.....15077      | Paulson, J.....22798        | Peirce, R. H.....5773      | Pereira, A. L.....6939          |
| Parthasarathy, S. V..21155  | Paulson, T. M...2754,17566  | Peirson, H. M...3053,3086, | Pereira, C.....7905,24341       |
| Parton, Mrs. L. L....18730  | Pavari, A.....609,15745     | 8890,12366                 | Pereira, H. F.....8102          |
| Parvin, D. W....5507,8847,  | Pavcek, P. L.....14597      | Pelaez, D.....23398        | Pereira, J. R.....21669         |
| 19239                       | Pavé, S.....4086            | Pellanda, E.....28881      | Pereira, R. S...2324,12457      |
| Pascalet.....29243          | Pavillard, J.....10426      | Pellegrin, F.....5967,     | Pereira Gomes, J. A..17956      |
| Paschal, J. L.....20267,    | Paviolo, I.....9929,19822   | 10225-30,10427,26218       | Peren, G. S.....26678           |
| 20379-80                    | Pavlenko, S. M.....11736    | Pelletier, H.....17484     | Pérez Arbeláez, E...2075,       |
| Paschke, J.....7866         | Pavlov, K.....15333         | Pelletier, J. R.2402,4958, | 2224,2232,6911,7099,            |
| Pascoe, C.....22133         | Pavlov, N. T.....4220       | 8849,16766,16913,27372     | 10659,16572,16660               |
| Pascoe, E. D.....26542      | Pavlov, P.....11737,23121   | Pellet, F.....1725         | Pérez Calvet, R.....26147       |
| Pascual, P.....7867,17839   | Pavlovskii, E. N....17728,  | Pellett, F. C.....11106    | Pérez-Hickman, E. A..22813      |
| Pascual, P. F.....23090     | 23122                       | Pellissier, F....26463-5,  | Pérez Pieroni, T....29481       |
| Paslay, R. C.....13100      | Pavlovsky, G.....9167       | 26518                      | Pergola, V.....567,13757,       |
| Pasquet, P.....14363        | Pavoncelli, G.....24433     | 26518                      | 16768,16831,16875,              |
| Pasquini, P.....15313       | Pawley, W. H...1988,13239,  | 27520                      | 17206,17658,22874               |
| Passavalli, L. P....18088   | 14049,19477                 | Peltier, M.....8083,12384  | Perinetti, A.....18884          |
| Passerini, G.....11932      | Payette, A.....1051         | Pelzer, K. J.....9887      | Perini, D.....9247              |
| Pastac, M. I.....11078      | Payne, H.....13223          | Pemberton, R.....13756     | Peris Perez, P....26787-8       |
| Pastore, R.....10045,21279  | Payne, L. C.....2322        | Pemberton, R. L....17612   | Perkin, G. F.....13215          |
| Pastorino, A. E.....18598   | Payne, L. F....2702,7460,   | Pena, M. T. de la...4855,  | Perkins, A. E....276,7118,      |
| Pastoriza, R...24237,28799  | 12184,24472                 | 29072                      | 7124,7126                       |
| Pataky, E.....19448         | Payne, M. G.....12391       | Peña, R.....15287          | Perkins, J. E.....9399          |
| Patay, R.....28246          | Pazos, J. M.....24858       | Pence, J. W....3054,22873  | Perkins, Mrs. R.....19630       |
| Patch, A. J.....23568       | Pazourek, L.....9448        | Pence, M. O.....16767      | Perkins, R. C. L....18090       |
| Patch, L. H.....9543        | Pazzi, J. J. O.....26940    | Pence, R. O.....8809       | Perks, A. E.....21473           |
| Pate, V. S. L.8081-2,18089  | Pchelin, V.....4854         | Pendell, E.....9865        | Perlberger, J....887,15505      |
| Patel, B. M.....13418       | Peabody, E. M.....5744      | Pendleton, R. L....11212   | Perlman, L.....25140            |
| Patel, M. D.....13418       | Peacock, T.....8497         | Penet, P.....14630         | Perotti, R. M...12088,18069     |
| Patel, N. M.....984         | Peake, H. C.....20551       | Penfold, A. R.....8909-10  | Perraton, C.....489             |
| Patel, S. K. J.....9066     | Peakes, L. V., Jr....136    | Penfound, W. T.....937     | Perrée, W. F.....2058           |
| Peterson, C. R.....12508,   | Pearce, J. A...13259,13913, | Penha, A. M....2958,12229, | Perret, J.....26356             |
| 12546,17799,23046           | 24473                       | 16830                      | Perrier de la Bâthie, H...10231 |
| Patiño Navarrette, J.10127  | Pearce, S. C.....4382       | Penn, H.....4691           | Perrig, K. A.....7022           |
| Paton, C. I.....18135       | Pearce, W.....6557          | Penn, R. E.....6372        | Perrin.....11508                |
| Paton, R. R.....279,26560   | Pearce, W. E.....13656      | Pennefather, R. R.1919-22, | Perrin, D. D.....11652          |
| Paton, T. A. L.....5753     | Pearman, J. E.....23047     | 16461,27032                | Perrot.....13965                |
| Paton, W. N.....19449       | Pears, P. B.....5275        | Pennell, E. H...5095,29294 | Perrot, E.....13604,14004       |
| Patrick, J.....8253         | Pearse, C. K.....21176      | Pennell, F. W.....10159    | Perry, A. L.....4599            |
| Patrick, R.....20739        | Pearse, G. K.....1058       | Pennington, C.....11107    | Perry, E. J.....568,2560        |
| Patrick, T. H.....2163      | Pearse, H. L.....1058       | Pennington, H. A....25002  | 9703                            |
| Patric, L.....12935         | Pearson, E. J.....13361     | Pennington, M. E....8403   | Perry, H. S.....6217            |
| Patrizi, F.....17644,27431  | Pearson, F. A...4457,8435,  | Pennock, J. L.....13       | Perry, J. E...19096,24474       |
| Patrone, G.....10658,11518  | 8848,24340                  | Pennock, W.....11108       | Perry, L. M.....10223           |
| Patterson, A. L.....14425   | Pearson, H.....25968        | Pa. Agr. Expt. Sta...5550, | Perry, M. A.....23884           |
| Patterson, A. N.....28703   | Pearson, H. S.14251,18442,  | 9733,25769-75              | Perry, R. L.....8763,28306      |
| Patterson, C. A.....18479   | 20499                       | Pa.-Dent. of Agr.          | Perry, T. A.....7051            |
| Patterson, C. J.....24304   | Pearson, J.....6651         | Bur. of Markets...25519,   | Perryman, C. E.....23821        |
| Patterson, C. L.4785,27207  | Pearson, J. H.....9312      | 25556,25561                | Pershin, P.....5035             |
| Patterson, E.....14354      | Pearson, L. B.....29452     | Pa. State Col...9984,24997 | Persing, C. O.....844           |
| Patterson, E. G.....2587    | Pearson, L. E.....2181      | Agr. Ext. Serv....20443,   | Person, H. T.....16462          |
| Patterson, E. K.....7809    | Pearson, M. M.....24645     | 25947-51                   | Person, J. A.....25003          |
| Patterson, G. R.....13163   | Pearson, O. H.....10709     | Pa. State Council of       | Peru. Departamento de           |
| Patterson, J. T.....23277   | Pearson, P. B..17339,25139  | Defense.....630            | Cooperativas Agrícolas...5151   |
| Patterson, R. E.....20349   | Pease, C. H.....9449        | Pa. Univ.....137           | Peru. Departamento de           |
| Patterson, R. P.....3869    | Pease, M.....22614          | School of Vet. Med..2299   | Fomento Frutícola...10821       |
| Patterson, T. M.....19821   | Peatt, E. S. W.....2323     | Wharton School of          | Peru. Ministerio de             |
| Patterson, W. I.....13192   | Peattie, D. C.....3375      | Finance and Com...8621     | Agricultura                     |
| Pattison, I. H.....27519    | Pecciarini, A. M....26431   | Penquite, R....22635,27637 | Dirección de Agricul-4989       |
| Patton, J. W....2492,16962  | Pechanec, J. F..1234,26635  | Penrose, G. L.....28451    | Peru. Ministerio de             |
| Patton, R. T...20588,20902  | Peck, E. C.....20107        | Pensinger, C. R....23820,  | Hacienda y Comercio.            |
| Patty, R. L.....13059       | Peck, H.....18201           | 28462                      | Dirección Nacional de           |
| Patworth, D...2956-7,2970,  | Peck, L.....24056           | Pensom, W. H.....17244     | Estadística.....5745            |
| 2983-4,7596-7,7600,         | Peck, M. E.....15378        | Penteado, E.....3983       | Pesce, P. A.....7355,17659      |
| 7607-8,12223,12227-8,       | Peck, S. M.....19750        | Pentzer, W. T..18839,28764 | Pescott, E. E.....6912          |
| 17483,17500,17523,          | Peckham, G. T., Jr...8976   | Penzhorn, E. J.....13832   | Pesel, L. F.....21474           |
| 18952,24358,24379,          | Pederick, W. O.....27592    | Pepe, G.....16677          | Pessacq, V....17023,18581       |
| 27744-5                     | Pederson, C. S....20324     | Pepe, V. J.....17022       |                                 |
| Paul, A.....7626            | Pedraza, R.....16510        | Pepper, B. B.....9707      |                                 |
| Paul, A., Jr.....13101      | Pedrowsky, I.....29497      | Pepper, J. O.....22978     |                                 |
|                             | Peebles, I. E.....8142      | Peralta, V.....28765       |                                 |



Item	Item	Item	Item
Pessoa, M. N. R.....21803	Phalnikar, N. L.....10631	Pierce, W. D.....7699	Pitman, A. L.....28657
Pesson, P.....8002,8154,28221	Phelan, M. D.....23048	Pierot.....27433	Pitner, J.5508-10,5512-14, 5517-18,6791,6821-2, 25744-6
Pestonit, S.....24161	Phelps, J.....24118	Pierpont, R. L.....227	Pitner, J. B.....21933
Peterburgskii, A.....20493	Philip, C. B...17854,28007	Pierre, Abbé.....12672	Piton, L. E.....12673,15314
Peters, F. N.....13707	Phillips, A. de.11489-90, 16598,20711,22053	Pierre, W. H...15756,16536	Pitot, A.....10483-4
Peters, G.....4824	Phillips, A. M.....5490	Pierson, A. H.....25439	Pitt, D. T.....18470
Peters, J.....13820	Phillips, B.....2403	Pierson, J.....17345	Pitt, J. M.....16384
Peters, R. W.....21118	Phillips, C. E...1858,6057	Pietermaritzburg and District Farmers' Assoc... 3885	Pittam, W.....7086
Peters, W. H.....7662,22823	Phillips, C. N.....1923	Pieters, L. A. H.....20476	Pittard, G. J.....28919
Peters, W. R.....20528	Phillips, E.....7030	Piettre, .9348,13261,13794, 21931,21945	Pittier, H.....10160,20589
Petersen, E. M. See Munch-Petersen, E.	Phillips, E. F...3336,7868	Piettre, L...8810-11,8813, 26219	Pittman, C. W. E...14811, 20030
Petersen, E. O.....26843	Phillips, F. T.....7052	Piettre, M.....8380,8447, 8812-13,8850,8946,9010, 11765-6,12021,12245, 13175,13348,13443, 13569,13708,13760-2, 13795-7,13823,14172, 19086,22566,23200, 27360	Pittman, F. B.....16718
Petersen, N.....3055	Phillips, G. A. R...26789	Pike, K. W.....36692	Pitzer, H.....19815
Petersen, W. E...7222,7317, 9791,11934,17044	Phillips, G. M.13421,28583	Pike, M. M.....19450	Piza Jr., S. de T...23399
Peterson, A.....3105	Phillips, G. R.....16622	Pikovski, M.....7486	Pizer, N. H...6265,11162, 16301,26907
Peterson, A. G.....23339	Phillips, H...9203,24083, 24800,24834,24890, 27593	Pilar Rodrigo, A. del.... 26220	Pizzi, L.....17024
Peterson, A. W.4458,29073, 28437	Phillips, H. A.....5212	Pilcher, R. W.....5254	Pizzigallo, V.....22047
Peterson, C. W.....23278	Phillips, H. C.13911,15169	Pillai, M. V.....2305	Place, H. M.....7032
Peterson, D. R.....17182	Phillips, H. L.....7739	Pillai, R. A.....16215	Place, R. M.....6558
Peterson, E. H.....12111	Phillips, H. M.....18922	Pillai, T. M. C.....5152	Plager, C.....22858,27823
Peterson, E. T.....27067	Phillips, J.....9146	Pillay, M. V.....7191	Plager, W.....22859
Peterson, F. C.....27205	Phillips, J. F.....24648	Pilz, T.....2493,27510	Plager, W. L.....17660
Peterson, G. R.....14765	Phillips, J. M.....11963	Pimentel, M.....2703	Planes Garcia, S. P...7906, 27033
Peterson, H. B.....6952	Phillips, J. R. E...15131, 29232,29236	Pinal, M. de.....21670	Plastridge, W. N....27437
Peterson, H. E.....11606	Phillips, P. H...3073,22375	Pinck, L. A.....16383	Platt, B. S.....25072
Peterson, J. Q.....12300	Phillips, R.....11680	Pinckard, J. A.....20847	Platt, C. S.....2747,9698, 9706,9710,9712,27594
Peterson, L. C.....6127	Phillips, R. R.2095,28356	Pinckney, A. J.....20332	Platt, D.....10961,21238
Peterson, M. J.....5552	Phillips, R. S.....128	Pinder, J. L.....18473	Plaza, S. de la.....29074
Peterson, M. L.....9674	Phillips, R. W.7190,17567, 17590,22574	Pineiro, A. C.....14173	Pletcher, F. H.23972,25141
Peterson, R. F...4221,26593	Phillips, S. J.....19962	Pineiro, H. O...24238,28800	Plifashkevich, A. I...7160
Peterson, V. V.2561,13758, 17083,28882	Phillips, S. M.....8538	Pinheiro, C. A. do N.19171	Plimpton, A. A.....12248
Peterson, W. E.....17729, 22375,22480	Phillips, S. W. H.....355	Pink, L. H.....14495	Plomley, N. J. B.....1040
Peterson, W. J.....9450-1, 11825	Phillips, W. R.....1289	Pinkerton, H. E.....27822	Plouvier, V.....15716
Petersson, G.....1638	Phillips, W. S.....26248	Pinkney, E. T.....7047	Plumb, G. H.....17905
Petherbridge, F. R...3425	Philp, J.....6218	Pinney, J. J.....29045	Plumb, K. P.....1636
Petheridge, F.....28052	Philpott, D.....12185	Pinsent, A.....19690	Plummer, P. J. G...22888, 27834
Petragnani, G....16832-3, 23835,27316,27432	Phinney, H. K.....26266	Pinto da Fonseca, J..18136	Pobeguín, T..10637-9,15717
Petri, L.....20845	Phivers, R. F.....3117	Pioletti, L. A.4459,4723, 4736,18601,18731, 19281,19373,24649-51, 24859,24877,24897	Pochot.....1726
Petri, M. C.....28413	Phisalix, M.....23442	Pirai, M. W.....18923,28912	Podlipenko, F.....6823
Petrie, S. M.....6982	Piacco, R.....10317	Picken, L. E. R.....3464	Podolsky, E.....13205
Petrosian, F. G.....27908	Piani, P.....14171	Pickers, V. C. W...17245	Poe, C.....23823
Petrov, B. F...1788,26928	Piat, P.....8991	Pickett, A. G.....2544	Poe, E.....11381
Petrov, M. P...15348,26931	Piaz, D.....18521	Pickett, B. S.....21237	Poe, G.....16216
Petrova, S. P.....27993	Pic, M.....7962,12669-71	Pickett, F. N.....4222	Poehlman, J. M..5521,15506
Petry, L. C.....25932	Picard, M.....22131	Pickett, W. F.....16623	Poesch, G. H.....10960
Pett, L. B.....5201,9452, 14539	Picasso S., L.....4406	Pickford, I. T..8549,18599	Poey, F.....15877
Pettersson, I.....15706	Picasso Vicent, A...29035	Pickles, A.....7740	Poffenberger, P. R...20291
Pettit, M.....17840	Picaza, J.....1359,6431	Pickles, W.....28163-4	Poggendorff, W. H....6386
Pettikó-Szandtner, V. T.... 13759	Piccoli, G....16769,22294, 22342	Pickup, E. G.....8035	Pohle, E. M.....4223
Petty, H. B.....5577,25873	Pichi-Sermolli, R...26395	Pickwell, F. C.....16251	Pohlmann, K. E.....14825
Petty, J. J.....9893	Pickel, B. J.....20789	Piedoué, H. de.....631	Pohlmann, U.....19282
Pettyjohn, L. E.....9067	Pickell, M. W...18923,28912	Piedrahita, H.....26594	Pohly, C.....14369
Peturson, B.....20846	Picken, L. E. R.....3464	Piedrahita P., F. A..26656	Poiron, Mrs. R.....23091
Pew, J. C.7071,9607,11594, 16687-8	Pickers, V. C. W...17245	Piel-Desruisseaux.....489	Poisson, A.....12775
Pexton, L. M.....24342	Pickett, A. G.....2544	Pien, J.....4058,8531,9453	Poisson, R...8059,12774-5
Peyer, E.....6070,6451-2, 13314,15449,28546	Pickett, B. S.....21237	Pieniazek, S. A.....1052	Polak, E. H.....24434
Peyerimhoff, P. de.12665-8	Pickett, F. N.....4222	Pierce, C. W...8542,18600, 25770	Poland, C. C.....19172
Peyre, P...5853-6,10033-6	Pickett, W. F.....16623	Pierce, D. M.....12743	Polding, J. B.....17025
Peyser, J. E.....23938	Pickford, I. T..8549,18599	Pierce, G. E.....10959	Polgár, A.....25096
Peyton, G. W.....21475-6	Pickles, A.....7740	Pierce, H.....4600	Poli, A.....25292
Pfaff, A.....317	Pickles, W.....28163-4	Pierce, H. F.....13401	Poli, C.....1011
Pfaffenberger, C. J..27500	Pickup, E. G.....8035		Poliánski, V. I...26148
Pfau, K. O.....11879	Pickwell, F. C.....16251		Polish Pub. Com. (Gt. Brit.).....9862
Pfeiffer, I. W.18159,23526	Piedoué, H. de.....631		Politi, I.....569
Pfeil, E.....6254	Piedrahita, H.....26594		Polk, H. D.....17297,20296
Pfister, C. E.....10958	Piedrahita P., F. A..26656		Pollack, N.....22417
Pflaumbaum, W.....24343	Piel-Desruisseaux.....489		Pollack, P.....661
Pfund, M. C...13260,20568	Pien, J.....4058,8531,9453		Pollard, A. G..11180,11420
Phaff, H. J...4361-2,8763, 28306	Pieniazek, S. A.....1052		Pollard, H. N.....28140
	Pierce, C. W...8542,18600, 25770		Pollard, P.....12301
	Pierce, D. M.....12743		Pollard, W. S.20364,22757, 28381
	Pierce, G. E.....10959		Pollari, V. E.....24204
	Pierce, H.....4600		
	Pierce, H. F.....13401		



Item	Item	Item	Item
Pollock, E. O.....25653	Porter, T.....5242	Powell, M. V.....29297	Price, C. W., Jr.....24959
Pollock, M. C.....18443	Porter, W. B.....5220	Powell, T. H.....4409, 4490,	Price, E. W.....26792
Pollock, N. F.....2562	Porter, W. H.....25186	5277	Price, F. E.....25765
Pollock, R. C.....28883	Portevin, G...589-90, 5820,	Powell-Owen, W.....2704-6,	Price, F. W.....5630
Pollum, L. B.....9313	8003	2907-8, 7428-9, 7562-3,	Price, H.....22420
Polunin, N.....9501	Portillo, A. G.....2328	22615-17, 27556-8, 27628,	20281, 29353
Polykov, B. B....1762, 1787	Portland Cement Assoc.....	27699	Price, J. A...17486, 17524,
Polytechnic Inst. of	18317	Power, R. A.....5746	22787, 27760
Brooklyn, N. Y., Bur. of	Portman, R. W.....23123	Powers, D. H....4224, 13527	Price, J. C. C.....15986
High Polymer Res....19875	Porto, A.....7609	Powers, H. B.....9752	Price, J. T.....17525
Pomerantz, C.....7741	Pôrto, C.....29326	Powers, J. J....3947, 23795	Price, L.....28357
Pomerleau, R.....845, 888,	Portsmouth, Earl of..26107	Powers, L.....15610	Price, M. M.....23340
1053, 6119	Portugal. Direcção Geral	Powers, W. L...16385, 26095	Price, R. A.....25986
Pomeroy, B. S...2805, 22677	dos Serviços Agrícolas...	Powning, R. F.....17730	Price, W. A.....3471
Pomiane, D. de.....19751	13329, 13958, 14350	Pozat, R. D.....18522	Price, W. C.....925, 20879
Pompa, A. 8584, 13384, 28584,	Portugal. Direcção Geral	Pozo, E. C. del.....28009	Price, W. T.....19374
28646	dos Serviços Florestais	Pozo Pelayo, C. del. 28704,	Priego, J. M. 15939, 26794
Pomponio, H. C.....10364	e Anúcolas.....15193	28585-6, 2884-5	Priestley, H.....8475
Pomriaskinsky-Kobozieff,	Portugal. Direcção Geral	Pozzi, C. M.....2272, 2329,	Priestley, J. H.....6200
N. A.....9962	dos Serviços Pecuários...	11639, 16834, 17591,	Prieto, C.....12012
Pond, E....459, 463-4, 5706,	22895	18561, 27483, 27802	Prill, E. A.....3165, 7173
20464	Portugal. Instituto	Pra B., I.....21348	Primack, B.....8947
Pond, G. A..24641, 24795-8,	Nacional de Estatística..	Prabhu, S. S.....23280	Prince, A. E...6071, 6122-4
24833	23906, 25041	Prack, L. von.....5012	Prince, F. S...2438, 20309
Pond, J. D.....418	Centro de Estudos	Prado Junior, C.....19204	Princeton Univ.....14485
Pond, M. A.....4102	Económicos.....25235	Prado, O. de A.....28487	Prindle, K. E.....23939
Ponnaiya, B. W. X....15676	Poser, K.....5781	Pradon, C.....12548-9, 23092	Pring, G. H.....26753
Ponniah, J. S.....24119	Posey, R. S.....8319, 18356	Praeger, R.....26222-3	Pringle, E. S.....9099
Ponomarenko, D.....17991	Posey, W. T.....22295	Prager, N.....11554	Pringle, F.....18810
Ponomarenko, F.....6333	Posnansky, A.....4408	Prall, P. A...17432, 22644,	Pringle, J.....2909
Pont, E. G.....4103	Posnette, A. F.....924	27629, 27700	Pringsheim, P.....10100
Pontecorvo, M.....692	Pospelova-Shtrom, M. V....	Prasad, B. M.....22419	Prinzi, D.....14082-3
Pontgarreg Y. F. C...25004	28008	Prasad, K.....22381	Prior, R.....8498, 11882
Ponting, C.....26844	Posse, J. J.....4672	Prasad, S.....959, 1055	Pritchard, L. P.....20655
Pontis, R. E.....6120	Possinger, G.....25938	Prasolov, L.....26932	Pritchett, C. H.....9277
Ponzo, A.....26221	Post, A. H....5530-1, 16252	Prasolov, L. I..1788, 26933	Pritchett, H. D.....7564
Pool, M. F.....24435	Post, K.....10962, 15088,	Prat, C.....27137	Privalov, V.....26571
Pool, P.....9894	21875, 25936	Prat, H. 1056, 15677, 21000-2	Probaus, L.....19375
Poole, R. F.....18409	Poster, H.....28547	Prater, A. N.....24435	Probst, A. H.....10794
Poos, F. W....12442, 23495,	Potapenko, A. I. 1054, 10589	Prats Verdú, L.....21280	Procter, F.....13349
27909, 28239	Potarin, A.....7669	Pratt, A. D.....16537	Procter, G. C..11038, 21585
Popawala.....25005	Potgieter, M.....233	Pratt, A. J.....420, 24239	Procter, A. E.....19632
Pope, C.....22418	Potier de la Varde, R.....	Pratt, D. B., Jr....13021	Proctor, G. R.....20725
Pope, J. D.....25421	10267-70, 15389, 20734	Pratt, E.....8254	Proctor, K. W.....16111
Pope, M. N....10588, 26595	Potrissa, G.....3072, 12347	Pratt, I.....23336-7	Proctor, R. E.....9796
Pope, S.....19887	Potter, A. S.....17485	Pratt, J.....15678	Proebsting, E. L....20263
Pope, W. A.....2959	Potter, C. F.....19752	Pratt, J. M.....7461	Proença, M. C.....28010
Popelka Bruno, F. A..17184	Potter, H.....3275, 3338	Pratt, R.....15678	Pröscholdt, O.....11883
Ponenoe, W.....10043, 10128	Potter, M. D.....540	Pratt, R. L.....28501	Progressive Farmer and
Ponov, K.....21874	Potter, P. B....311, 20354	Praviel, G.....8121	South. Ruralist....20500
Ponov, M. D.....15882	Pottier-Alanetite, G. 15566	Préaud.....14375	Prokesch, C. E.....1104
Ponov, P.....15718	Potts, M. W.....22102	Preble, N. A.....7262	Prokhorov, N.....15463
Ponov, V. B.....23443	Potts, R. C.....12984, 20350	Précentis, P...13183, 13587	Prokofiev, A. A.....6266
Popov, V. R.....18500	Potts, R. W. L.....17961,	Precht, H.....2273, 15315	Prokopenko, L. I.....28118
Popowski, B.....17800	23196, 23497	Pre, H. L.....11037, 16110	Prokoshev, S. M.....15679
Popo, F.....21636, 21804-5	Potts, S. F.....27909	Preger, W.....5021, 11338	Prokoshev, V. N...10053-5
Porges, N.....9405	Potts, W. H.....23279	Prenant, M.....9502	Proksch, R.....4990
Porges, R.....8287	Potzger, J. E.....693-4	Prentice, M. E.....29389	Promersberger, W. J..20334
Porkhov, F.....27523	Pouchet, A.....15403	Prentice, R.....18562	Frosen, A. F.....3426
Forsild, A. E.....786	Pouder, H. C....1859, 7110,	Preobrazhenskii, A. A....	Frosperl, V.....10853
Portelance, R.....14632	29209	28548	Prostoserdov, N. N...28549
Porter, B. A...3595, 22993,	Poulin, L. P....4508, 4890,	Prescott, E. G. 19631, 28772	Protasov, A. I.....12013
23496	9369-70, 13240, 14496	Prescott, G. W.....20740	Protogino, J.....22481
Porter, C. L.....5968-70,	Pouliot, L. J.....11607	Presley, J. J.....15450	Protzman, C. M.....8658
15379	Poulson, D. F..12711, 17992	Preston, I.....26790-1	Proulx, J. R..13763, 14084,
Porter, D. R.....1637	Poultry Assoc. of Gt.	18634, 24835	Prout, H.....13654
Porter, F.....27627	Brit.....493	Preston, R. D.....3750	Provan, A. L.....13385
Porter, H. C...20173, 25485	Pound, F. J.....1329	Preston, R. K.....3133	Proveau, C. L.....13141
Porter, H. G. 4171-2, 19948,	Pound, G. S....6165, 20878	Prestridge, J. A.....22093	Provera, V. E.....28832
25293	Pounden, W. D.....11866	Pretoria Univ...8716, 10476	Prunty, M. C., Jr....4856
Porter, H. W.....20032	Poursines, Y. 26413, 26478-9	Preuss, A. G.....13710	Pryke, W. J...17487, 22758
Porter, J. A.....25912	Poutiers, R.....8060	Preussische Akademie der	Pryor, D. E.....10380
Porter, J. C.....18236	Powell, D.....10319, 15507	Wissenschaften.....10027	Puau, G.....14174
Porter, J. J.....2761	Powell, E. C....1989, 16109	Prevot, A. R.....10640	Pubols, B. H...15027, 19966
Porter, L. C....3846, 13140	Powell, F.....4322	Prewett, L. P.....7314	Puccini, G.....26432
Porter, O. M.....22151	Powell, G.....2666	Preyer, A. T.....14540	Puerto Rico. Agr. Col. Ext.
Porter, R. E.....15181	Powell, H.....1924	21003, 29159	Serv.....9839-41, 15101
Porter, R. H.....5584	Powell, H. R.....24163	Priault, A. M.....6963	Puerto Rico. Auditor. 24730
Porter, R. P.....11036	Powell, M.....9390		



Item	Item	Item	Item
Puerto Rico. Junta de Planificación, Urbanización y Zonificación. 19376	Quackenbush, A. 6652, 7742	Rager, C. 14599	Ramírez A., R. 15746
Puerto Rico. Minimum Wage Bd. Div. of Res. and Statis. 15136	Quackenbush, F. W. 9671	Raggi, C. A. 6432	Ramírez Calderon R. 1925
Puerto Rico. Planning, Urbanization and Zoning Bd. See Puerto Rico. Junta de Planificación, Urbanización y Zonificación.	14977-8	Raghavachari, K. 17130	Ramírez M., J. 11884
Puerto Rico Tobacco Inst. 15883	Quadland, H. P. 22140	Raghavan, T. S. 15596	Ramírez Menéndez, R. 28438
Puerto Rico (Rio Piedras). Agr. Expt. Sta. 5551	Quadri, C. 16217	Ragle, J. 17250	Ramírez Moreno, A. 13316
Puerto Rico. Univ. 9388	Quaife, E. L. 4959	Ragondet, G. L. 3658	Ramírez Moreno, G. 11383
Pueyrredon, E. S. 17592	Quante, P. 24898	Ragsdale, A. C. 14989, 17088	Ramírez S., C. A. 4133, 18564, 18610, 22482
Pugh, B. M. 10009	Quartino, R. 19493	Ragsdale, E. 358, 5567, 20382	Ramírez Silva, F. J. 6243
Pugh, R. M. 3277	Quartino, R. L. 29047	Ragusa, O. 26059	Ramming, R. P. 8814
Pugsley, A. T. 6125	Quast, F. 24526	Rahman, A. 7745, 7810	Ramón, F. 26226
Pugsley, G. W. 16625	Quastel, J. H. 6262, 25143	Rahman, K. A. 12443, 12509-10, 23052-4, 23499-500	Ramon, G. 27318-20
Pugsley, L. I. 14598	Quasthoff, C. 27910	Rahn, O. 20619	Ramon, P. 27318
Puhr, L. F. 9736	Quebec. Bur. of Statis. 15189	Rai, B. 21709	Ramón y Acosta, D. 846
Puhr, M. C. 4737	Quebec. Forest Serv. 22109, 22123, 22131-2	Rai Chaudhury, A. K. 15719	Ramos, J. D. 27435
Puissegur, J. A. 22567	Queener, V. M. 3049	Railway Tie Assoc. Com. on Checking and Splitting of Cross Ties in Track. 2162-3	Ramos, M. B. 4628
Pulle, A. 15380	Queensland. Dept. of Agr. and Stock. Div. of Dairying. 28308	Com. on Moisture Gradient. 2139	Ramos, P. 16277, 18523
Pullen, R. J. 23051	Queisner, R. 7743	Com. on the Prob. Affecting the Prod. of Small Portable Saw-mills. 2134	Ramos Galván, M. 1926
Pulling, H. A. 17084	Queney, A. 10232	Manufacturing Practice Com. 2164	Ramos Núñez, G. 1279
Pullinger, E. J. 4023, 13350, 18635	Quer, P. F. 26224	Timber Conserv. Com. 2059	Ramos Valdes, A. 2651
Pulver, R. F. 19633	Querol, O. 23498	Raimo, H. F. 2910, 4602, 7566, 8320, 13102, 17434, 18357, 27595, 27702-3	Ramoi, L. 26267-8
Pumphrey, Mrs. J. H. 1525	Quesada, J. A. 20529	Raimondi, R. 13824	Ramponi, A. 11836
Pundt, H. M. 4285	Questel, A. 11277, 26084	Rainey, F. M. 27741	Ramsay, A. 4460, 9480, 19283
Punjab. Dept. of Agr. 24233	Questel, D. D. 65, 25373	Rainey, J. W. 17026-7, 22421	Ramsbottom, J. 15334
Punjab Fruit Devlmt. Bd. 24169	Quevedo, C. V. 11382	Rainha, B. V. 26225	Ramsdell, G. A. 28606, 28647
Punnett, R. F. 889	Quick, H. L. 2494, 11964	Raistrick, H. 26538, 26540	Ramser, C. E. 11384
Purpa, A. 13528	Quick, N. H. 7462	Raithby, G. E. 2433	Ramsey, F. K. 22837
Purcell, M. T. 16672, 22127	Quin, A. H. 2330, 7161, 7491, 27434	Raizada, M. B. 15597	Ramsey, L. L. 28755
Purchas, F. H. 9151, 9251	Quinn, J. P. 22618	Rajalakshman, D. V. 8381, 27317, 28841	Ramsey, R. J. 4134, 8585, 13419, 18611
Purchase, H. S. 3166, 22253	Quint, A. 17433	Rajan, M. R. D. 6126	Rand, F. V. 10073
Purdue Univ. Agr. Expt. Sta. See Ind. Agr. Expt. Sta.	Quintana, E. 25144	Rajaroo, S. A. 28059	Randall, G. 16464
Purdue Univ. Agr. Ext. Serv. See Ind. (Purdue) Univ. Agr. Ext. Serv.	Quintana, F. 25006	Rajogopalani, V. R. 12268	Randall, K. 18480, 19753
Purewal, S. S. 25142	Quintanilha, A. 26433	Rakhmanova, P. I. 8037	Randall, R. 18612
Puri, A. N. 21709	Quintanilla, C. F. 22343	Raleigh, G. J. 20428, 27097	Randet, P. 22032
Purkey, D. R. 9314	Quinteros, M. C. 22172	Ralston Purina Co. 570	Randle, S. B. 22086
Purnell, W. F. 22727	Quinteros, M. 21477, 23444	Ram, Sir S. 25990	Randoin, L. 9455, 14600, 25073, 25145-7
Purser, R. 1135, 3028, 3847-8, 4132, 4601, 28334, 28502	Quintus, P. E. 18563	Ram Ayyar, C. S. 18582	Rardolph, B. 20360, 20373
Purves, C. M. 13176, 13977, 20073, 23796	Quirch Rosell, E. 13444	Ramachandra Rao, T. H. 10130	Rardolph, H. S. 19634
Pusch, T. C. 13711	Quiroga, S. S. 2331, 22254	Ramachandra Rao, Y. 18160	Rardolph, J. W. 6609
Pushkarnath. 11039	Quiros, M. A. 15868	Ramachandran, S. 17692, 23071	Rardolph, L. F. 6201
Pussard, P. 18138	Quisenberry, J. H. 7598, 23747	Ramachandran, V. G. 24836	Rardolph, U. A. 4960
Pussard, R. 28202	Quisenberry, K. S. 10365	Ramadoro, A. 14328	Rands, R. D. 11109
Puster. 22066	Quitslund, F. A. 25756	Ramakrishna Ayyar, T. V. 18140, 18180, 22980	Ranford, L. J. 9481
Putnam, H. J. 401	Quireshi, A. I. 29075	Ramakrishna Ayyar, V. G. 19451	Ranft, E. 6559
Putnam, H. O. 6334, 28840	Rabaud, E. 7907, 8122	Ramakrishnan, K. C. 19205, 19451	Ranganathan, B. 6208
Putnam, J. N. 2752	Rabault, M. 9947-8	Ramakrishnan, T. S. 16232, 16280	Rangaswamy, S. 18288
Putney, W. K. 695	Rabideau, G. S. 15680	Ramanujachary, G. 22249	Ranger, L. 9153, 14175
Putzolu, A. 9152	Rabinovich, M. 4857	Ramanujam, S. 10807	Ranghel Galindo, A. 2083, 19193
Pybus, L. 17249, 27560	Rabinowitch, E. I. 15288	Ramaswamy, R. 16845	Ranier, S. H. 1639
Pye, A. C. 20583	Rabold, C. N. 8659	Rambaud, B. 24605, 29210	Rankin, J. D. 13798, 18375
Pyenson, H. 4059, 28605	Rabuffo, V. M. 13445, 24045	Rambo, E. K. 7746, 9754, 9847, 18283, 23715, 28414	Rankin, K. L. 7066
Pyenson, L. 22979	Rachou, R. 18021	Ramella, R. 18885	Rankin, W. B. 7430, 27561-2
Pyke, W. E. 9454, 13912	Racicot, A. 2439, 22344	Ramiah, K. 1057	Rankin, W. H. 1162
Pyle, J. J. 27235	Racicot, H. N. 10302	Ramirez, G. 1771	Ranney, H. F. 23824
Pyle, M. 1526	Racine, J. 13076	Ramirez, J. A. 22992	Ransom, E. 9027, 14204
Pyle, R. 10129	Radcliff, C. P. 26111	Ramirez, J. C. 13966	Rennum, E. 7869
Pyne, Gould, Guinness Ltd. 28886	Radder, N. J. 13142	Ramirez, J. H. 13315, 13582, 13864	Ranzi, S. 15313
	Radeleff, R. D. 11954		Rao, A. S. 16511
	Rader, W. E. 15508		Rao, B. M. 7278
	Radet, E. 11213, 26657		Rao, B. S. 9044, 16291
	Radice, J. C. 14541		Rao, D. S. 23501, 25148
	Radlove, S. B. 13863		Rao, G. R. 8038
	Radomirov, P. 16299		Rao, K. M. 22483
	Radomulo, A. K. 28550		Rao, K. V. S. 15757
	Rae, R. 20476		Rao, M. 15940
	Raef, M. 23307		Rao, M. A. N. 2305, 16835
	Raevskii, G. E. 8036		Rao, M. J. 18733
	Raff, W. F., Jr. 27857		Rao, M. M. 20998-9
	Raffaello, Z. 17340		Rao, M. V. 20948
	Rafferty, V. I. 16914		Rao, M. V. K. 12249
	Raffy, A. 25146		Rao, P. S. 23630
			Rao, S. S. 7567
			Rao, T. K. B. 16546
			Rao, T. N. 6392, 10807
			Rao, T. R. 8041
			Rao, T. S. R. 8041
			Rao, U. N. 20701



Item	Item	Item	Item
Rao, V. R.....4225	Rea, H. E.....12984, 18284	Rêgo, A. da S.....15942	Renaux, E.....17185
Rao, V. S.....6202	Read, H.....8255, 14253	Regules, S.....27510	Renco, P.....9943
Rao, W. T.....19141	Reakes, G. R.....11845	Rehder, A.....10233	Rendel, J. M.....17999
Rao, Y. R.....23401	Reamer, B.....27704	Rehn, J. A. G.....8139, 12902, 18161, 23527	Rendell, L. P.....18734
Rao, Y. S.....15598	Reay, D. P.....13060	Rehn, J. W. H.....18161	Rendle, B. J.....15335
Raoul, Y.....25149	Reber, E. L.....21479-80	Reiber, H. G.....9659	Rendon V., A.....9155
Raver, A.....5362, 24960	Rebman, E. F.....4786	Reich, G. T.....8994-5, 18481	Rendu, A.....489
Raver, K. B.....1037, 10039, 15509, 26289	Rebouillon, A.....20785	Reich, U.....11466	Renk, W.....17028
Ranhael, T. D.....16218	Rebour, H.....1360, 3597, 6405, 6433, 15941, 16219, 16557, 21587, 21806	Reichart, M. A. L.....1860, 16387	Renne, R. R.....10803
Ravin, J.....21586	Rebuelto, E.....28996	Reichert, I. 15404, 15451-2, 15510-12, 19852	Renner, A. J.....19377
Ravonort, M.....5255	Rech.....16386	Reichert, J. S.....11608	Renner, K. M.....28607
Ravn, W. F.....8123, 17993	Rechenbach, H.....24961	Reichert, L.....16155	Rennie, I. F.....9889
Ravn, W. F., Jr.....3472, 10250, 12712-13, 23281, 28090-2	Rechtern.....10660	Reichmuth, W.....8162	Renshaw, B. 3751, 5301, 7568, 14426
Ravne, G.....1235	Reck, S. H.....21745	Reichsverband Deutscher Kleintierzüchter.....9525	Renton, J.....10965
Rantopoulos, T.....6827	Reck, S. H., Jr.....4924	Reichsverband Deutscher Schafzüchter e. v. Berlin.....9968	Rentschler, H.....23940
Rasch, K.....18936	Records, E.....14991	Reid, A. W.....8004, 13023, 23993	Renzis, L. de.....24436
Rasche, W. H.....18237	Rector, N. H.....3495	Reid, C.....29244	Republic Steel Corp. Agr. Ext. Bur.....9919, 15155
Raskatov, A. P.....28415	Red Cross. See American Natl. Red Cross.	Reid, C. P.....19061	Research Inst., Austin, Tex.....15168
Rasmussen, D. I.....20352	Red Plains Conserv. Expt. Sta.....5545	Reid, D. A.....6318	Reseland, C. A.....15119
Rasmussen, E. J.....851, 3167	Red Poll Cattle Breeders' Assoc. of Australia.....22332	Reid, E. B. 4323, 4364, 8765, 13605, 18807, 24190, 24635, 24802	Restrepo, R. L.....9273
Rasmussen, K.....12269	Red-Ray Mfg. Co., N. Y. 13530	Reid, E. P.....18444, 20528	Reti, L.....28997
Rasmussen, M. P.....25756	Redd, J. B.....7747	Reid, J. T.....7279	Retief, D. F.....2274, 6653
Rasmussen, R. A.....27596	Reddick, D.....6127	Reid, K. A.....15311	Retief, D. J.....25150
Rasmussen, W. B.....12707, 23118	Redding, H. S.....16719	Reid, L. E.....18953, 21876	Retief, J. C. D.....17435
Raswan, C. R.....22547	Redditt, J. R.....9810, 19097	Reid, L. E., Jr.....16512	Retterer, E.....13318
Ratcliff, J. D.....12910	Reddy, K. R.....18855	Reid, M.....13913	Rettie, J. C.....137, 5442
Ratcliffe, R. L.....8500	Reddy, M. S.....23631	Reid, W. D.....10387, 26371	Retzer, J. L.....25483
Ratera, E. L.....11071	Reddy, V. V.....21256	Reid, W. M.....13712	Reumann, C. H.....8661
Rathbun, H. H.....18565	Redeker, P. B.....23765	Reifer, I.....28449	Reusrath, T.....21588
Rathore, G. S.....7386	Redenbacher, O. C.....22447	Reifsnnyder, A. F.....2708	Reuss, C. F.....458
Rattray, M.....9028, 24564	Reder, R.....231-2, 5547	Reig Feliu, A.....24191, 24240, 24568	Reuther, W. P.....4885
Rau, G.....11716	Redfern, S.....28842	Reilhes, R.....6203, 10485, 10590	Reverdatto, V. V.....26881
Rau, K. G.....11717	Red'kin, A.....3040	Reilly, C.....22130	Revutskaja, P. S.....17341
Rau, M. A. G.....24487	Red'kin, N. E.....26978	Reilly, H. C. 10137, 15730, 20657	Rex, E. G.....20786
Rau, P.....3541, 8084, 22908, 23445	Redman, K. 3159, 12436, 12708	Reimer, C.....1361	Rey, H.....28109
Rauber, E. L.....8660	Reece, P. C.....26521	Reinecke, M. R. V.....6649	Reybold, E.....16465
Rauch, A. H.....14839	Reece, W. H.....17841	Reineke, E. P. 7492, 27605, 27630	Reyes, A.....14670
Rauch, G. 8764, 13655, 28802	Reed, C.....4925	Reineke, L. H.....20108	Reyes, E.....2495
Raucourt, M.....12396, 12444, 15232, 17957, 20849, 22396, 23148, 23197-200, 28053	Reed, C. A.....15995	Reinelt, F.....1528	Reyes, R. V.....3168
Raud, H. M.....20903	Reed, C. F.....26249	Reingnash, J.....19022	Reyes, F., E.....3598
Rauter, Mrs. R. S.....1527	Reed, C. O.....3790, 18318	Reinhard, H. J.....3473	Reyneke, J.....1058
Rautenberg, E.....6777	Reed, D. L.....8993	Reinhold, F.....10428	Reynolds, C.....15137
Rautou,.....21061	Reed, E. G.....8864, 28905	Reinhold, R.....6560	Reynolds, E. B. 1237, 6824, 11163
Rave, D.....11465	Reed, E. P.....12801	Reinking, O. A.....6072-4, 10343	Reynolds, H. A. 2225, 11628, 27138
Ravenscroft, V. F.....12936	Reed, G. M.....10964, 16113	Reinthal, A.....24803	Reynolds, J. B.....24905
Rawitscher, F. K.....15567	Reed, H. J.....2354, 4858	Reis, A. C. F. 13317, 18410, 18524, 28551	Reynolds, J. M.....3427
Rawlins, W. A.....12414	Reed, I. F.....25488, 28309	Reis, J.....2806, 12112, 23205	Reynolds, L.....14176
Rawson, A.....2707, 17251	Reed, J. M.....2911	Reis, V.....21481	Reynolds, L. W. 105, 19635, 20050
Rawson, G. W.....8124	Reed, L.....28953	Reischle, H.....508	Reynolds, Q.....8408
Rawson, H. W.....9068	Reed, L. C.....17252	Reisinger, L.....16836	Reynolds, R.....18940
Ray, C., Jr.....26357	Reed, P. W.....25187	Reiss, A.....6373, 15847	Reynolds, R. C.....17673
Ray, G. 8912, 13865, 14252, 18636	Reed, T. H.....17131	Reiss, E.....1236	Reynolds, V. R.....17526
Ray, G. E.....9482	Reed, V. D.....29076	Reiss, F. J. 14972, 20390, 25689, 25820, 25826	Reynoso, R. H.....17342
Ray, G. K.....1103	Reed, W. G.....22981-2	Reith, J. W. S.....21936	Rezende-Finto, M. C. de... 6009
Ray, H. N.....7162	Reed, W. S.....20167	Reitz, J. W.....18823	Rézler, J.....4787
Ray, J. B.....8992	Reeher, M. M.....19890	Reitz, L. P.....1136, 5497	Rhee, H. A.....23825
Ray, S. N.....17014	Reeks, W. A.....3106	Reiss, Y.....26979	Rhoad, A. O.....21, 10043
Ray, W. W.....20812	Reese, E.....6267	Reith, J. W. S.....21936	Rhoades, H. F.....407, 409, 16388, 25752
Raychaudhuri, S. P.....21693	Reese, H. H.....14712	Reitinger, L.....16836	Rhoads, A. S.....6163, 20787, 20880
Rayment, T.....23446	Reese, L.....6267	Reiss, E.....1236	Rhoads, T. F.....5255
Raymond, C. B.....5638	Reese, R. L.....22568	Reiss, F. J. 14972, 20390, 25689, 25820, 25826	Rhode, C. S.....9670
Raymond, L. C.....1163, 15846	Reeve, J. O.....20980	Reiss, R. L.....5753	R. I. Agr. Expt. Sta..... 296-8, 15009-11, 25776-80
Raymond, M.....724, 875, 947	Reeve, P. A.....1280, 4637	Reiss, Y.....26979	R. I. School of Design.....541
Rayner, D. S.....1007	Reeves, E. A.....1927, 11385	Reith, J. W. S.....21936	R. I. State Col. Ext. Serv.....446, 25952
Rayner, M. C.....21717	Reeves, F.....18924	Reitz, J. W.....18823	Rhodes, C. O.....14427
Rayner, R. W.....26520	Reeves, F., Sr.....2667	Reitz, L. P.....1136, 5497	Rhodes, J. B.....3870
Rayss, T.....26290	Reeves, M. D.....6300	Remaley, R. J.....15183	Rhodes, N.....4365, 19452
Razee, A. H.....24120	Reeves, W. C. 18031-2, 27891	Remlinger, J.....16837	Rhodes, W. E.....8766
Razouls, P.....489	Reford, Mrs. R. W.....16114	Remy, P.....12588-90, 28054	
Razous, P.....9154, 11582-3	Regan, M. M.....29259	Renaud, P.....21281, 21894, 26565	
Rea, F. J.....21478	Regel, C. von.....632		
Rea, G. H.....3278	Regia Azienda Monopolio Banane.....13570		
	Régner, R. 14633, 23201-2, 26319		



Item	Item	Item	Item
Rhodes-Livingstone Inst... 26002	Richter, K. ....25152-3	Risotto, A. ....25007	Roberts, R. E. ....2723, 2743
Ribeiro, E. de Q. ....24121	Richter, P. ....4366	Ristorcelli, A. ....23288-9	Roberts, R. H. ....7813
Ribeiro, J. A. ....4104, 8256, 13351, 13446, 28588	Rick, C. M. ....15611	Risquez-Iribarren, R. 25987	Roberts, S. B. ....16155
Ribeiro, M. G. ....25151	Rickard, J. A. ....1268, 4226, 6335, 8697, 8913, 11339, 15849, 26636, 27374	Risueño, A. ....9156	Roberts, S. E. ....20510
Ribeiro, O. ....5256	Ricken, J. ....18445	Ritcher, P. O. 3428, 20283-4	Roberts, W. ....14189
Ribeiro da Silva, C. ....2098	Ricker, C. C. ....6877	Ritchey, G. E. ....25672	Roberts, W. C. ....7870
Ricardez, S. ....4859	Ricker, G. H. ....2405	Ritter, G. A. ....7081	Roberts, W. M. ....9451, 9740, 15090, 24014
Riccardi, A. ....8382, 9371	Ricketts, R. L. ....23708	Ritter, G. J. ....136, 11606	Roberts, W. O. ....696
Rice, B. J. ....13628	Rickey, D. ....2611	Ritter, P. ....7268	Roberts, W. S. ....26056
Rice, D. A. ....17802	Ricsöy-Uhlarik, V. B. von. 14177	Ritzhaupt, L. H. ....7431	Robertson, D. W. ....1150-1, 14966
Rice, E. B. ....2404, 18583, 28628	Riddell, W. H. ....20252	Ritzman, E. G. 14994, 20313	Robertson, E. ....2498
Rice, E. E. ....5257	Riddle, A. R. ....18937	Rival, A. ....22889	Robertson, E. I. 2912, 3835, 18358, 27598
Rice, E. S. ....9392, 9456, 14542, 22208, 28310-11	Riddle, M. ....27484, 27501	Rivard, F. ....2061	Robertson, G. ....7569
Rice, G. E. ....11386	Riddle, O. ....22668, 27631	Rivas, A. F. ....13590, 16467	Robertson, H. M. ....9252, 19207, 24606
Rice, M. A. ....960	Ridgway, A. ....8996	Rivas, J. G. ....5782	Robertson, J. ....806
Rice, S. A. ....9521	Ridgway, J. J. ....17160	Rivas, J. G. (hijo). 13447, 28648	Robertson, J. D. 8005, 14603
Rice, V. A. ....2244, 7217, 11811-12, 16915, 22176-7, 27264, 27373	Ridley, C. ....24241, 28998	Rivas H., J. G. ....24037	Robertson, J. H. 6374, 21176
Rice, W. S. 4286, 8696, 24202	Riebold, C. ....4789	Rivas Larraide, G. ....2332	Robertson, J. S. ....8562
Rich, A. E. ....25776	Riecke, H. J. ....24804, 24861	Rivas Ros, J. ....22423	Robertson, L. ....25736
Rich, M. C. ....1529	Riedl, W. A. ....5562, 9751	Rivenburg, R. S. ....13984	Robertson, M. ....2479
Rich, S. G. ....12511, 23055	Riegel, A. ....10429	Rivera, E. A. ....26049	Robertson, R. N. ....6268
Richard, H. ....11184, 11278	Riehm, E. ....10320	Rivera, V. ....26523	Robertson, S. D. ....28761
Richard, J. ....16389	Riehm, H. ....6761	Rivero, M. J. ....1308, 1330	Robertson, W. F. 8448, 8767
Richard, P. ....11983	Riek, R. F. ....17873	Rivière, C. M. ....19636-7, 19691-2, 24805, 25008-10, 28254	Robertson, W. M. 6310, 7000
Richard, R. ....2060	Riemenschneider, R. W. ....13866	Rivnay, E. ....23203	Robey, G. D. ....11629
Richardau, D. ....12752	Riemer, S. ....8298	Rix, J. C. ....22256, 22588	Robichaud, J. A. ....19725
Richards, A. E. 8383, 9349, 19410	Riemerschmid, G. ....22422	Rizet, G. ....10511	Robin, F. ....11491
Richards, A. G., Jr. 7809, 12744, 22910, 22965	Rienma, S. ....18238	Roa, E. ....7611	Robins, E. L. D. ....23547
Richards, B. M. ....3898, 4860	Riensoel, F. W. ....19401	Roach, J. R. ....14976	Robinson, A. ....22642
Richards, B. D. ....641	Ries, L. W. ....9920	Roach, R. W. ....2496, 7280	Robinson, A. D. ....9457
Richards, B. L. 6163, 20787	Ries, V. H. 1530, 1594, 6561, 10966, 16115, 21483, 26794	Roach, W. ....28382	Robinson, B. ....27803
Richards, C. A. ....4788	Riesing, E. F. ....4629	Roach, W. A. ....696, 10593, 27098	Robinson, B. B. ....10735
Richards, C. S. ....12748	Riester, D. W. ....13656	Roark, R. C. ....74-8, 5390-1, 5413, 25377	Robinson, B. D. 4926, 9204
Richards, D. E. ....5621	Rietz, J. H. ....5560	Robb, G. J. ....2497	Robinson, C. A. ....11340
Richards, E. V. ....1928	Rietz, W. ....19523	Robb, R. F. ....9029	Robinson, C. B. ....5636, 25933-4
Richards, M. C. ....15513-14, 20308	Rife, D. C. ....26455	Robbert, E. F. ....16117	Robinson, D. D. 2106, 27249
Richards, O. M. 4024, 24759	Rigg, T. ....16523	Robbia, M. B. V. della. ....16118	Robinson, D. H. ....11222
Richards, O. W. ....17674	Riggin, I. C. ....5220	Robbie, W. A. ....12445	Robinson, E. ....17842, 23056
Richards, P. W. ....9503	Riggle, J. J. ....19232	Robbins, F. ....787	Robinson, E. M. ....11902
Richards, S. T. ....1640	Riggs, C. W. ....16838	Robbins, W. J. 10486, 10594, 20658	Robinson, F. A. ....14563, 19791, 25154
Richards, W. A. ....4550	Riggs, T. H. ....13867	Rober, E. E. ....6562	Robinson, G. P. ....11563
Richardson, B. H. ....3634	Rigler, N. E. ....10533	Roberson, F. K. ....1531, 6563, 10968, 16119	Robinson, H. B. ....28629
Richardson, B. T. ....14	Rigotti, R. ....10843	Roberson, I. ....22498	Robinson, H. G. ....11682
Richardson, C. H. ....27912, 28055	Riker, A. J. ....1074, 6075, 10321, 15515, 15645	Roberson, Mrs. L. N. 1532	Robinson, J. ....7570
Richardson, C. T. ....8510	Riley, G. E. ....2652	Robert, A. C. ....2165, 4227	Robinson, J. L. 4228, 4410, 9257, 14819, 19378, 20050, 24476, 28954
Richardson, E. C. ....26981	Riley, H. P. ....20950, 26456	Robert, A. L. ....6147	Robinson, J. M. ....20246
Richardson, G. A. ....23672	Rimoldi, A. ....16886	Robert, P. A. ....3429	Robinson, J. S. ....12367
Richardson, H. B. ....1861, 6825, 18141	Rinckleben, P. ....6762	Robert, P. ....14254	Robinson, K. W. ....2792
Richardson, H. L. ....2807	Rinehart, C. ....17613	Roberti, D. ....28093	Robinson, L. ....12061, 22759, 27705
Richardson, J. E. ....25749	Ringdahl, O. ....23282-7	Roberts, A. D. ....16120	Robinson, P. F. 5202, 9430, 19745
Richardson, J. K. ....847, 912	Ringoet, A. ....14634	Roberts, B. ....10815, 23973, 29354	Robinson, R. A. ....26845
Richardson, L. R. ....9693, 22645	Rinke, E. H. ....20951	Roberts, C. A. ....13029	Robinson, R. R. ....16122
Richardson, L. S. ....5392, 5397	Riñon Ferret, L. ....20788	Roberts, D. ....27803	Robinson, W. A. ....17594
Richardson, R. ....16116, 21482	Rinsland, G. ....17253	Roberts, E. ....2808, 17614	Robinson, W. D. ....25159
Richardson, R. E. ....2709	Rio, A. del. ....28589	Roberts, F. ....14602, 19754, 29425	Robinson, W. G. ....2626
Richardson, T. C. ....6913, 7218, 15848, 16916	Rio de Janeiro. Museu Nacional. ....734	Roberts, F. H. S. ....22838	Robinson, W. O. 15720, 26544
Richer, A. C. ....25769	Riomilto. ....10967	Roberts, G. ....15059	Robinton, E. D. ....4060
Riches, A. J. ....23941	Rion, K. E. ....4337, 13606	Roberts, H. G. ....17593	Robison, W. L. ....12327
Richey, F. D. ....20949, 26454	Ripley, D. ....21484	Roberts, H. R. ....3950	Robles, P. S. ....11085
Richmond, R. D. ....2058	Rimberton, J. C. ....10770	Roberts, H. W. ....9315	Robles Ramos, R. ....14683
Richmond, W. L. ....399	Riquelme Inda, J. ....27034	Roberts, J. A. ....3849, 8299	Roblin, L. ....10969
Richter, A. ....1059	Riser, W. H. ....2589, 2602, 7163, 16839	Roberts, J. F. 3342, 7811-12	Rocco, D. ....17030
Richter, A. A. ....10591-2, 15681, 26522	Rishall, C. ....27205	Roberts, J. S. ....16975	Rocha, V. M. da. ....29498
Richter, C. P. ....14601	Risher, F. W. 24475, 28590, 28985	Roberts, J. W. 14776, 25202	Rocha Aguirre, L. E. 26795
Richter, J. ....3169, 15289, 19119, 20552	Risl, J. 11575, 22109, 22123, 22131-2, 27208	Roberts, Mrs. J. W. 16121	Rocha e Silva, M. ....7609
	Rising, E. W. ....16466	Roberts, L. ....24912	Rocha Lima, H. da. ....3430
	Risler, J. ....17958	Roberts, L. D. ....22029	Rochaix, A. ....8532, 15190
	Riso, R. ....9929, 18735	Roberts, L. J. ....9888	Roche, H. W. ....12847
		Roberts, M. B. ....9898	Roche, J. ....17186-8
		Roberts, O. C. ....250	Roche, J. de la. ....24731
			Roche, M. ....24192



Item	Item	Item	Item
Roche, W. S.....18925	Rogick, F. A.....13448	Rorer, M. E.....1727, 21489	Roth, F.....7815
Rocheford, J. M.....25921	Rogick, L. A.....13915	Rorrison, J. M.....2500	Roth, H.....14604
Rochira, A.....14178	Rognoni, E.....12512	Rorty, J. J.....9400, 9458, 11280, 14543, 19792	Roth, L. M.....23204
Rock, P. J. G.....18143, 23532	Rohde, C. E.....4603	Ros, W.....1122	Roth, R.....25138
Rocke, H.....410	Rohde, E. S.....1643, 6336	Ros de Ramis, J. de.....21590	Rothberg, M.....21911
Rockwell, B. A.....12328, 21807	Rohde, H. W.....8976, 28552	Rosario, C.....21753	Rothe, G.....28591
Rockwell, F. F.....1641-2, 6654, 10816, 11040, 16123, 16220, 21485	Rohe, P.....5772	Rosborough, J. F.....1363	Rothery, J. E.....16573
Rockwell, M. J.....17254	Rohlf, J. A.....13046, 16840	Rosbotham, R.....9900	Rothgeb, R. G.....21098
Rodahl, K.....26545	Rohmeder, E.....21004	Roscoe, C.....2913-14, 7572-3, 12062, 12189, 17436-7, 22647, 27600, 27706	Rothman, B.....14208, 14516
Rodale, J. I.....6826, 6845, 16558, 20591, 25155, 27118	Rohrbeck, E. H.....22345	Rose, D. H.....28787	Rothpletz, M. W.....18392
Rodda, J.....17731	Rohwer, C.....1929, 21877	Rose, H. W.....8662	Rothrock, M. U.....487
Rodda, T. E.....21589	Rohwer, S. A.....22993	Rose, J. J.....20286	Rothschild, K. W.....13241
Roddan, G. M.....16513	Roig, J. T.....10131	Rose, L.....8663	Rott, F.....9981
Rode, A. A.....1739	Rojas, C.....26076	Rose, P. D.....18736	Rottgardt, A. A.....17029
Rodeck, H. G.....18091, 28165	Rojas, T.....10430	Rose, P. S.....3688, 8350	Rotwein, E.....28488
Rodehüser.....16415	Rojas, U.....8914	Rose, R. E.....26332, 26358	Roubaud, E.....12745, 18039, 23341-3, 27790
Rodenhiser, H. A.....6128, 10365	Rojas Paz, P.....2084	Rose Jibaja, J.....18737	Roudier, H.....18840
Rodenwaldt, E.....5747	Rojas Peña, E. de.....890	Rose Ugarte, L.....14635	Rouché, B.....22761
Roderick, L. M.....22840	Rokahr, M.....9588, 14818-19, 20038, 25399	Rosedale, J. L.....7700	Rouest, A.....5857
Roderick, S.....26291	Roland, R. H.....21487	Rosella, E.....20790, 21005, 21591	Rouleau, E.....725-6, 766-7, 10161, 20712-13
Rodgers, Mrs. D. H.....2041	Roland, S.....17803	Rosen, H. R.....891, 15453, 15791	Roumiguere, F.....2627, 15851, 22548
Rodhain, J.....27321	Roletto, G.....14497	Rosén, W.....26434	Round, G. S.....19455
Rodionov, I. M.....11738	Rolf, A. F.....7463	Rosenberg, A.....1789	Rounds, M. B.....1684, 11341, 15943
Rodrigues, F.....19411	Rolfe, W. W.....3591	Rosenberger, A. C.....7637, 17569, 27789	Rousseau, A. H.....8815
Rodrigues, J. H.....24527-9	Rolland-Germain, Frère..... 697, 723, 765, 948	Rosenberger, G.....7281, 12270, 17540	Rousseau, J.....727, 768
Rodrigues Campos, A.....20789	Rolle, A. F.....27461	Rosenbusch, F.....22258	Rousseau, L. Z.....2062
Rodríguez, D. R.....18359	Rolle, M.....12014, 17189, 17629	Rosenbusch, R.....24437	Rousseau-Decelle, G.....12848
Rodríguez, M.....26075	Rollings, E. J.....2583	Rosendahl, R. O.....1880	Rousset-Hall, O. de.....24038
Rodríguez Fontes, L.....2355	Rollino, J. C.....13352	Rosenfeld, W.....7026	Roussy, G.....2333
Rodríguez G., J. M.....9045, 18525	Rollins, H. A.....348, 26712	Rosengurtt Gurvich, B..... 10431	Routier, E.....4026, 14544, 18527
Rodríguez Landarte, B..... 22983	Rollins, H. J.....2499	Rosenman, D.....15156	Roux, E.....11421
Rodríguez López, J.....19453	Rollins, R. C.....15612	Rosenman, S. I.....150	Rovano Arciego, H.....21592
Rodríguez Lz., L.....28056	Rolt, J. C.....23975	Rosenstrauch, F. J.....21878	Roventini, A.....15930
Rodríguez Novoa, L.....22569	Romagnoli, M.....24122	Rosier, C.....15138	Rovestl, G.....633
Rodríguez y Martínez, A. See Cáceres y Martínez, A. R.	Roman, E.....8039	Rosinger, L. K.....15139	Rovira S., J.....22033
Rodríguez Zelada, R.....28230	Roman, J. de.....8997	Roskelley, H.....23698	Rovira V., F.....1389, 28148
Rodwin, L.....29264	Roman, M. M.....419	Roskelley, R. W.....20267, 20379-80	Row, J. M.....2993
Roe, E. I.....26524	Romanelli, V.....7192	Rosner, S. F.....3074	Rowe, B. M.....13262, 18329
Roe, J.....1164, 6375	Romano, J. M.....19815	Ross, A. F.....4367, 24242	Rowe, H. G.....5821
Roebuck, A.....17675, 17994	Romanoff, A. L.....2810	Ross, Mrs. B. B.....19755	Rowe, I. B.....3951
Roehl, L. M.....23748	Romanoff, M.....1763	Ross, D.....12034, 13061, 18328	Rowland, C. A., Jr.....7023
Röhre.....13077	Romanov.....17888	Ross, D. M.....17926	Rowland, S. J.....23994
Roedel, H. V.....2809	Romashkevich, I.....2042	Ross, F.....3689	Rowlands, A.....13385
Roemer, C. H.....1810	Romboli, B.....7493, 17505, 17568, 27788	Ross, F. B.....19638	Rowlands, W. T.....27632
Roemer, E.....4025, 11935, 27502	Romei, L.....23498	Ross, Mrs. F. L.....16124	Rowley, G. D.....1534
Roemer, M. I.....5094	Romeo, A.....29467	Ross, H. H.....3542	Rowntree, L.....10970-1, 16125-6, 21490-2, 26796
Roemer, T.....10037	Romer, C. W.....27803	Ross, I. C.....18926, 26941	Roy, C.....798, 2125-6, 24123
Roepke, W.....12818, 18142	Romer, F.....22124	Ross, J. C.....6688-9, 18738, 29211	Roy, J. B.....6878, 10771, 13985, 18777, 19174, 24806, 24962
Roesch, L.....28471	Romer, V. D.....27803	Ross, O. B.....3073	Roy, K. B.....9205, 14288, 21177, 23673
Rösler, M.....16994	Romero, G.....13591, 18776, 19524, 28706	Ross, R.....26665	Royal English Forestry Soc.....610
Rof Codina, J.....27460	Romero Castañeda, R.....698	Ross, W. A.....17733	Royal Inst. of Internatl. Aff.....658
Roffler, R. E.....27281	Romero Manrique, A.....4661, 11279, 13177, 18446, 29022	Ross, W. H.....2017	Royal Scot. Forestry Soc.. 610
Rogalev, G. T.....17732	Romine, D. S.....5489	Rossano, A. T., Jr.....17734	Royal Zool. Soc. of N. S. Wales.....9976
Rogelio García, D.....11885	Romney, V. E.....3515, 28166	Rosselli, R. J.....28843	Royer, G. L.....24098, 28692
Rogeness, O.....14768	Romolotti, A.....571, 12302	Rosser, F. T.....4411, 5213	Royston, R.....19961
Rogent, I.....26882, 27599	Romshe, F. A.....9730	Rossi, B.....9929	Royt, F. L.....13986
Roger.....11683	Roney, J. N.....3635, 27913	Rossi, L.....10702, 17207	Rozanov, A. N.....26934
Roger, L.....18526	Rooks, C. F.....2668	Rossi, R. P.....16737	Rozanov, N.....2043
Roger-Smith, H.....21486	Roome, C. A.....17298, 17889, 22646	Rossiter, F. J.....20074	Rozanov, N. I.....7683
Rogers, A.....11813	Roonwal, M. L.....18162	Rossler, E. G.....24732	Rozanova, M. A.....5971
Rogers, F.....5564	Roosen-Runge, E. C.....21488	Rossnagel, W. E.....2140	Rozeboom, L. E.....3496, 23312
Rogers, G. A.....7571	Rosevelt, E.....5768	Rosso, H. D.....22760	Bozhkov, G. I.....12015
Rogers, H. T.....27099	Rosevelt, F. D.....5768	Rossouw, G. J.....19454	Rozov, N. N.....1787
Rogers, J. A.....23974	Root, E. R.....3279, 5821, 7814, 9504, 12513, 17804, 23057	Rost, C. O.....256, 1862-3, 11189	Ra, S. K.....1165
Rogers, L. A.....5392	Root, H. H.....12550	Rostand, J.....12891	Rubber Mfrs. Assoc., Inc.. 15191
Rogers, L. N.....9030	Roots, E.....22257	Röstin, H.....29327	
Rogers, R.....1533	Roper, E. E.....3687	Rot, A. V.....3280	
Rogers, T. H.....1238, 15790, 15850	Roper, M. A.....5002	Rot, D.....3280	
Rogers, W. S.....1377, 6827, 14005	Rover, R. G.....5753	Rotblit, Y.....16221	
	Rover, W. L.....8321, 28383	Roth, C.....11519	
	Ropes, E. C.....5178		



Item	Item	Item	Item
Rubber Res. Scheme, Ceylon. 6076, 6129, 6722, 11281, 21672	Rüegg, J.....7387	Runnells, R. A. 16842, 27323	Russell, J. A.....7013
Rubbo, R.....2182, 7062	Rüegger, E.....3281	Runyan, C. R....6564, 28094	Russell, J. B.....27422
Rubegni, A.....16963	Ruegamer, W. R.....8533	Rupel, I. W....11936, 15113, 25963	Russell, J. P. C.....21494
Rubeis, A. de.....13529	Ruehle, G. D.....25673	Rupf, H.....11551	Russell, M. B...11132, 18203
Rubilar, J. A.....17184	Ruehe, H. A....4027, 23976	Rupn, H. M. R. 769, 10234-6, 26227	Russell, P. R...3753, 18387
Rubin, A.....6269	Ruest, C.....18528	Rurnventhal, K. F....15181	Russell, R. C.....15273
Rubin, B. A.....24243	Ruff, A. F.....21912	Ruschnmann, G.....22209	Russian Econ. Inst...19727
Rubin, S. H.....14605	Ruffin, W. A...16222, 27914	Rusev, Kh. G.....11739	R. S. F. S. R. Narodnyi Komissariat Prosveshche- niia.....10024
Rubins, E. J.....15638	Ruggero, S.....17030	Rush, H.....5972	Russo, G.....12714, 12776, 12850, 22984
Rubio N., R.....21593	Ruhnke, G. N.....6792	Rush, H. G.....26228	Rustomjee, K. J.....8040
Rubner, K.....6985, 11520	Ruiz, H. J.....16841	Rush, J. D....18202, 19967	Rutgers Univ.....17306
Ruche, H. A.....14606	Ruiz, L. T.....15144	Rush, W. M.....8664	Ruth, P. W.....18040
Ruchena, Marqués de..28439	Ruiz, R. A.....28416	Rushton, E.....24244	Ruth, W. A.....4348, 13579
Rucker, E. H.....22619	Ruiz Almansa, J....23907	Rusk, H. M.....21493	Rutherford, D. M. 848, 3690, 4790, 28280
Rudel Mach. Co., Ltd. Montreal, Tech. Staff.... 13530	Ruiz M., B.....3964	Rusk, H. P.....27282	Rutherford, R. M....26705
Ruden, W. L....4461, 13047	Ruiz Pereira, F.....12802	Ruska, H.....20876	Rutherford, R. R....3044, 22897
Rudge, A. J.....12514	Ruiz Vazquez, T....27322	Ruskin, D. B...22499, 27485	Ruttle, M. L.....24441
Rudni, L....4412, 13713-14, 28844-5	Rullier, G.....19086	Rusoff, L. L.....22382	Ryan, H. J.....19640
Rudnick, D.....17343	Rumball, P.....4604-5	Russell, A. E.....29077	Ryan, J.....9157
Rudolf, E.....22002	Rumler, R.....18360	Russell, B.....4873	Ryan, R.....1535
Rudolf, P. O.....25444	Rumler, R. H...3752, 13103, 17031	Russell, C. E.....21308	Ryan, V. J.....9046
Rudolph, B. A.....10366	Rummel.....8876	Russell, E.....9316	Ryckebosch, V.....27563
Rudolph, W.....5826	Rummell, L. L..4324, 13571, 18812, 24196	Russell, Sir E. J....491, 6379, 11413, 23797	Rydalevskaiia, M. D....1764
Rudorf, W.....10037	Rumreich, A. S.....17735	Russell, E. W.....21836	Ryerson, K. A.....14681
Rudra, S. K.....9168	Runckel, W. J.....24486	Russell, F. C.....7127	Ryff, J. F.....17570
Rue, J. H.....17244	Runge, J. F.....16514	Russell, H. G..22875, 27824	Ryle, G. B.....22067
Ruedi, K.....7002	Rungs, C.....12849	Russell, H. L.....5100	Rzymkowski, P.....6816
	Runnalls, M. E.....20417	Russell, Sir J. See Russell, Sir E. J.	
	Runnells, D.....19639		
	Runnells, D. L.....21214		



Item	Item	Item	Item
Sabanev, S.....18041	Salt River Valley Water	Sankaranarayanan, N. S....	Satyanarayana, K. V..22483
Saberson, E. L.....11593	Users' Assoc.....25635	12268	Sauchelli, V.....1137
Sabnis, T. S.....699,1269	Salter, L. A., Jr....29212	Sankaraya, K.....16559	Sauer, E. J.....4883
Sabogal, J. R.....11282	Salter, R. M.....19853	Sankey, J. H. P.....3520	Sauer, E. L.....4962,14271
Sabourin, R. P.11640,16738	Saltwell, A.....4927,24862	Sanna, F. F. See Frau-	Sauer, H. F.....8085
Sabrosky, L. K.....25400	Saltwell, A. D.....14256	Sanna, F.	Sauerlandt, W.....6828
Sacca, G.....23290	Saltykovsky, M. I....6219	Sansom, T. K.....1166	Saugstad, S.....20791
Sacco, P.....22424	Salvatore, A.....10045	Sansome, E.....20952	Saunders, A. R.....1138
Sackville-West, V.....509	Samaniaga Davila, J...6723	Sansome, E. R....1024,1061	Saunders, G.....15140
Sadasivan, T. S.....23885,	Sambo, M. C.....26292-3	Sanson, R. D.....16468	Saunders, S. C.....3871
23946,24229	Samisch, R. M.....1060	Sansores Manzanilla, A....	Saunderson, T.....7574
Sadusk, J. F., Jr..12560,	Samisch, Z.....28803	18841	Saunt, J. W.....8006
17854	Sammet, K.....6254,6270	Santa Fe. Instituto Ex-	Saur, H.....27139
Sáenz, A.....4662	Sampaio, J.....26269	perimental de Investiga-	Saurman, A. V.....21935
Saettone, A.....17890	Samper, A.....13815,18808	ción y Fomento Agrícola	Sautet, J.....12746-7
Safroshkin, S.....4791	Sample, G. W.....9264	Ganadero.....13833,14345,	Sautter, V.....23341,23381
Sager, O. S.....61,8534,	Sample, L. A.....20287	18981,24709	Sauve, E. C.....28335
18585,28608	Sampson, E. S.....7024	Santacruz, G.....22296	Sauvin, A.....10035
Saha, J. C.....21099,26320	Sampson, F. R.....2754	Santelices, J. M.....18239	Savage, A.....22678
Saha, M. N.....25217	Sampson, J.....3074,25858	Santesson, R.....15405	Savage, H. A.....22849
Saha, N. C.....18388	Sampson, W. W.....3519	Santiago, M. R. de M..4368	Savage, L. E.....8099
Saher, von.....16223	Samuel, G.....6656,10367,	Santiago de Vázquez, E. M.	Savagner.....22549
Sahyun, M.....19793,25156	15517	10587	Savastano, G...21283,21808
Said, H.....15682	Samuel, L. I.....19643	Santmyers, D.....16699	Savastano, J.....10835
Sailer, A.....1536	Samuels, J. K.....5064,	Santos, E.....17102	Savchenko-Belsky, A.18927,
Sailer, R. I.....3516-18	18778,20053	Santos, E. de S.....2440	19284
Sainsbury, H.....14545	Samuelson, A. A.....1537	Santos, E. G. dos....3087	Savich, V. P.....26178
Saint Albans, M.....8999	San Carlos Irrig. and	Santos, I. A. dos....27324	Saville, G.....8817
Saint-Albin, E. de...7963,	Drainage Dist.....25635	Santos, J.....13319	Saville, J. E.....12191
12674	San Millan Almagro, J. A..	Santos, P. P. dos....26141	Savón Salaverry, J....2076
St. George, E.....26799	26919	Santos Biloni, J.....5973,	Savory, T. H.....17893
St. Jacques, E. G....6879	Sanborn, L. D...4961,27707	10237,16270,20714	Sawyer, C. N.....16449
St. John, H.....26250	Sanborn, W. A.....138,147	Santos Carral, J.....1124	Sawyer, H. D.....15381
St. John, J. L.....11658,	Sanches, E.....25011	Santos Neta, J. R. A.21282	Sawyer, L. E.....4424
25099	Sánchez, P. A.....21955	Sanz, D. L.....18982	Sawyer, M. J.....7328
Saint-Marie, C. E....10855	Sanchez Duarte, J....4663	São Paulo. Departamento	Saxon, S.....6566,21239
St-Pierre, A.....17208	Sanchez Menendez-Rivas, F.	de Assistência ao Co-	Sayers, G. F.....29246
Saint-Pierre, G. D. de....	25043,29355	operativismo.....25012	Sayers, W. B....7014,11527
9459	Sánchez S., J. J.....29245	Sapre, S. N.....12591-2,	Sayre, A. N.....11342
Saint-Rat, L. de....13868	Sánchez y Sánchez, D.27858	17891-2	Sayre, C. B.....11402
St. Vlahov, I.....9011	Sanctuary, W. C.....15067,	Sapriza Vera, C.....16515,	Sayre, P. M.....14608
Saitta, A.....14329,16588	28384	19644	Sayre, Mrs. R.....5768
Sakharov, V. V.....10512	Sandberg, E. H.....15852	Sapryguina, E. S.....6219	Sbariggi, C.....22259
Sakimura, K.....18181	Sandberg, G.....11156	Saraceno, S.....27522	Scandura, A.....13224
Sakoff, A.....9158	Sandegren, E.....10634	Sarangdhar, P. N....25157	Scanlan, J. J.....4606
Sala, G.....16662	Sanders, A. H.....16919,	Sarasola, A. A.....26294	Scanlon, E. H...6567,20715
Sala de Castellarnau, P. I.	22347,27375-6	Sarasqueta, P. A. de.2916,	Scaramella, G..18504,26883
22911	Sanders, C.....24963	3282,12515,17344,	Scaramuzza, L. C....10322
Salaman, R. N.....9944	Sanders, C. F.....18620	17805,18361	Scarborough, J. H....5013
Salant, N. B.....20145	Sanders, D. W.....20659	Saratovskii Planovyi In-	Scarponi, F.....10710
Salas M., D.....5214	Sanders, G. P....61,8534,	stitut.....25988	Scarseth, G. D....1864-7,
Salazar, Z.....16739	18585,28608	Saravia I., G.....20852	6927,11284,16391,26982
Salazar Gerard, R....3016,	Sanders, I. T.....20476	Sarazin, J.....11283	Scasso, J. M.....24891
17571	Sanders, J. W.....5811	Sardiña, J. R.....26067	Scavone, G.....9929,13531
Salcedo, L. F.....12675	Sanders, P. D.....7315	Sarett, H. P.....14607	Scearce, J. L.....9590
Saldaña Biascoechea, E. E.	Sanderson, C. J.....2633,	Sargent, A. P.....13263	Schaal, L. A.....9,892
8595	2653-4,3017,7282,7388,	Sargent, F.....5202,9430	Schacht, J. R.....3984
Saldarelli, R..11521,16710	11886,12017-18,12271,	Sargent, J. W....212,11223	Schad.....21197
Saldías, M. O.....14179,	17032-3,22648,27494,	Sarkisov, A.....16843	Schad, C.....10711,10795,
15891,28986	27512,27521	Sarkisov, A. Kh....11740-1	20661,20853-4,
Salerno, A....16964,17209,	Sanderson, E. V.....27915	Sarna, P. S.....23502-3	21120,23504
18739-40,27334	Sanderson, F. H.....4275	Sartorio, A.....572	Schade, A. L....3952,24245
Sales, A.....19380,19642	Sanderson, M. W.....3431	Sartory, A.....23150	Schade, R....10038,21006
Salgues, R.....16390,26525	Sanderson, W. J.....20096	Sarup, S.....15683	Schädell.....10974-7
Salikov, M. I.....12016	Sandhouse, H. A.....333	Sarvis, J. T....1538,7128,	Schädell, W.....16130
Salinas, J. E.....1728	Sandmel, F. F.....8384	15853	Schaefer, B.....12853
Salinas, J. G..24837,29023	Sandor, I.....28504	Sarwar, M. M...7164,11742,	Schaefer, C. W....2584,3283
Salinas G., J. E.....23942	Sandoval, O. R.....14684	16844	Schaefer, E. E....893,26359
Salinas M., J.....22346	Sands, D. R.....849	Saskatchewan. Univ. Dept.	Schaefer, G..24124-6,28435
Salisbury, G. W.....2407,	Sands, G. C.....13024	of Farm Managt.....19527	Schaefer, L.....12676-7
7219,16918	Sandstedt, R. M.....8816	Sasman, L. M.....11937	Schaefer, P.....11467
Salisbury, M.....18	Sanford, G. B.....15518	Sass, J. E.....10487,20660	Schaeffer, L.....26561
Sallans, H. R.....28312	Sanford, H. L.....20000	Sasthageer, G.....19645	Schaenzer, J. P....18285,
Salles, J. F. de....17995	Sanford, L. J.....12852	Sastry, M. R. S.7389,16845	20190
Salmon, R.....16678	Sanford, L. W.....11563	Sastry, S. G.....13869	Schaetz, F.....2334,7378,
Sal'nikov, F.....13967	Sangle, R.....14180	Sastry, S. K.....21215	12001,12019,17190
Saloman, Mrs. C. F...19693	Sankarajah, K.....19494	Sater, E. N.....20563	Schafer, V.....23699
Salomone, G. A.....26935	Sankaram, A...15758,15792,	Sater, L. E.....13264	Schaffhausen, J. F...8342,
Salonen, V.....7038	16224,16278,18779,	Satterthwait, A. F....9573	13062
Salt, F. J.....7494	19142,19151,21674,26848	Sathianadhan, W. R. S....	Schalk, A. F....2335,16789
Salt, R. W.....23402	Sankaran, R.....21119	8409	Schaller, J. A.....8257



Item	Item	Item	Item
Schalm, O. W....22425,27436	Schmidt, E....6568-9,7681, 10817,10978-9,16131-4, 16394,21337,21598	Schrader, F. F.....21879	Schwarzkopf, V.....3754
Schandi, J.....13764	Schmidt, F. A....1729,11110	Schrader, O. H.....2166	Schwarzmann, W. E....8410, 28435
Schang, P. J.....2501	Schmidt, G. M. J.....6157	Schramm, F.....24674	Schweier, J.....7871
Schantz, J. M.....5830	Schmidt, H....7964-5,14671, 21599	Schramm, W. O....2100,27166	Schweinfurth, C....771,6570, 10238,15383,26229
Schantz-Hansen, T....10661, 16617,16727,22068	Schmidt, H. W.....15454	Schrank, A. R.....10597	Schweisheimer, W.....3985, 13321-2,23944,28553
Schapera, I.....9890	Schmidt, J.....24344	Schreiber, R.....6271-3, 6763,6778,6829	Schweizer, T.....10981
Scaphorst, W. F.....2183, 7095,18205,18240,23785-6	Schmidt, K.....24863	Schreiber, W. I.....2167	Schweizerischer Bauern- verband. Preisbericht- stelle.....4029
Scharf, J. W.....2044	Schmidt, M. G.....5892	Schreiber, W. R....4369-70, 14833-4,20075-6,24167	Schwenck, W. A.....2710
Scharff, J.....21809	Schmidt, P.....10980	Schreiner, E. J.....10663, 20904	Schwendeman, J. R....21880
Scharnke, F.....5273	Schmidt, R.....1605	Schreiner, R.....6220	Schwenger, R. B.....5351
Scharrer, B.....18163	Schmidt, U. W.....16395	Schreuder, P. J. van der H.....2669	Schwennessen, A. W.....15945
Scharrer, K.....6271-3, 6763,6778,6829	Schmidt, W.....20953	Schribaux.....13573,13657, 13870	Schwetz, J.....23344
Schatz, A.....16137, 15721,15730,20657	Schmidt-Funes, L.....3075	Schriboaux, E.....13658-9	Schwing, E. A.....12777
Schatz, R.....15290	Schmidt-Hebbel, H.....9986	Schrock, A. E.....15336	Scofield, C. S.....25240
Schauffler, E. R....28766	Schmied, G.....3285,7817	Schroeder, C. R.....2336	Scotland. Dept. of Agr.... 9959,24734
Schauss, V.....0460	Schmitt, G.....17488	Schroeder, E.....9317	Farm Econ. Branch.18983, 19456
Scheffer, T. H.....5974	Schmitt, J. B.....9708	Schroeder, E. W.....13048	Scotland. Dept. of Health. 28472
Schéhade, H.....10033	Schmitt, L.....6830	Schroeder, H. O.....12427, 12704,12715,12740	Scott, A. M.....20740
Scheibenflug, H.....662	Schmitt, M. B.....10486	Schroeder, W. B.....7432	Scott, C. L.....19900
Scheines, A. J.....26572	Schmitt, P.....27140	Schroeder, W. P.....28336	Scott, C. W.....2085
Scheiter, E. K.....24438	Schmitz, H.....19854	Schroeder, W. E.....4287, 4334,24168	Scott, D. H.....10501
Schellenberg, A....8467-9, 23943	Schmitz, W.....502	Schubart, O....3376,17894, 28011	Scott, E. L..16135-6,21500
Schellhase.....7390	Schmorl, K.....15722	Schubert, B. G.....5893	Scott, F.....18809
Schenck, E. G.....9981	Schmucker, T.....26396	Schudlich, H. F.....24305	Scott, G. A....19240,24044
Schenck, H. E.....4754	Schmuziger, H.....7104	Schuelke, A. E.....24314	Scott, G. C.....3953
Schenck, M.....15076	Schnack, B.....770,986-7, 5932,26457	Schütte, J.....6816	Scott, H.....3474,3544
Schenk.....16174-5	Schnee, L.....20589	Schuler, A.....20620	Scott, Sir H....22920,23335
Schenk, H.....16392-3, 18206,21595	Schneiber, H.....12969	Schulte, R. B.....9671	Scott, H. M.....12178
Scherber, R.....10595	Schneider, A.....22951	Schultes, R. E.....5975, 15382	Scott, J. D.....6914
Scherer, H. J.....20553	Schneider, C.....21499	Schultz, C. B.....1790	Scott, K.....11888
Scherer, P. R.....21336	Schneider, E....19143,24166	Schultz, E. F....5894,6724, 15337,15944,26730	Scott, L. B....21178,27916
Scherl.....21596,23751	Schneider, F....3247,7750	Schultz, E. S..10336,15524	Scott, L. E.....13660
Schettini, F.....24566	Schneider, G.....7220	Schultz, H.....11072	Scott, L. P.....27402
Scheunert, A....9981,20554	Schneider, G. W.....20424	Schultz, H. K...6021,25686	Scott, M. H.....2141
Schickele, R.....4886	Schneider, H....3343,15519- 20,15554,20855,27964	Schultz, H. W..14547,29390	Scott, M. I. R.....2792
Schiel, E.....26149	Schneider, K..4061,26435, 26609	Schultz, I.....9318	Scott, O. K.....12748
Schifani, A.....10662	Schneider-Orelli, O....7751	Schultz, T. W.....9359, 14205,24733	Scott, P. F.....2502
Schiffino, J....2099,6987, 11509,16599	Schnell, R.....10488-90	Schultz, W. O.....2275	Scott, W. M.....16396
Schiffman, E. G.....18741	Schnellbacher, E. E...5179	Schulz, J. A.....25738	Scott, W. O.....242
Schiller, G. W.....26596	Schnelle, G. B.....574, 7348,16846	Schulze, K.....7752	Scotti, G.....19032
Schilling.....21240	Schnitzer, J. G.....13765	Schumacher, A.....27965	Scovill, R.....5101
Schimpf, D.....8322	Schoch, N. H.....17527	Schumacher, H.....28906	Scoville, G. P..4288,18810
Schindler, C.....4325	Schöben.....22484	Schumacher, W.....20594	Scoville, O. J.....5756
Schlegel, C....10001,10063	Schönauer-Eisgrub, A.23617	Schumann.....16848	Scrase, T. D.....12255
Schleh, E. J.....15192	Schoenberger, E. W..17489, 22788	Schumann, P.....11887	Scripture, P. N.....1062
Schlehuber, A. M....15613	Schoenfeld, H.....4028	Schunck de Goldfiem, J.... 10393,10642,25188	Scroggie, A. G....4229,8617
Schlesselman, E.....23124	Schoenichen, W.....26112	Schuster, F.....14604	Scruggs, F. H.....8699, 18780,28512
Schlichte.....22348	Schoening, H. W.....5393, 19891	Schuster, R. M....3543,18092	Scull, H. G.....4230,8665
Schlipf, J. A.....5748	Schofield, J. L.....10596	Schuttler, Mrs. C....29066	Scully.....13816
Schloesing, A. T.....8818	Schofield, M....4692,13265	Schutz, H. H.....23908	Scully, N. J....15675,26526
Schlote.....9350	Schofield, M. A.....2917	Schuyler, R. L.....5749	Scully, R. M....1539,16137
Schlote, A.....7749,8163	Schoijet Pupkein, A..22426	Schwab, J.....9784	Scully, W. J.....4462
Schlottenbeck, K. T..26020	Scholes, A....13532,24081	Schwab, J. W.....9788	Seaber, W. M....16965,22383
Schlotthauer, C. F..2605, 7346-7	Scholes, D.....17806	Schwabe, M.....29066	Seabra, L. S. V. de..15193
Schlotzhauer, E. C....8692, 18775,25290,28798	Scholz, C. R.....26543	Schwalbe, H.....22297	Seabrook, W. P.....10822
Schlüter, H.....7816	Scholz, E. F.....142	Schwaner, F....18654,24502	Seagreaves, C. H....17034
Schlumberger.....18842	Scholz, R.....426	Schwantes, A. J....25916, 28340	Seale, C. C....6831,26663
Schlup, L. A.....19046	Schomer, R. A....1080	Schwardt, H. H.....17738	Seale, L. P.....21501
Schluter, G. C.....13320	Schoof, H. F.....28095	Schwartz, B....2337,5357, 14777-8	Seale-Hayne Agr. Col., Newton Abbot, England.... 19495
Schluter, G. E.....29269	Schooley, J. P.....27631	Schwartz, H.....7818	Seaman, E. A.....12748
Schmalfuss, K.....634,6274	Schoop, G.....12113,16847	Schwartz, S. L..7071,9607, 11594,16687-8	Seaman, G. L.....21746
Schmaltz, H. W.....16764	Schoose, C. W..13572,29114	Schwartz, C. D.....10579	Seamans, H. L....3545,18143
Schmeil, O.....26085	Schopmeyer, H. H....13715	Schwarz, H. F.....12803	Seamans, Mrs. J. E....3850
Schmid, A.....3284	Schopp, R.....14788		Searight, W. V.....9737
Schmid, F....557,573,17191	Schoppmeyer, W. G....14498		Searles, M.....6571
Schmid, G.....1309,7283, 8470-1,8698,24165	Schoth, H. A.....295		Searle, E. M....3170,7753, 22985
Schmid, H.....6406,10641	Schott, R. G.....17537		Searle, E. N....19474,25825
Schmidt.....21597	Schottroff, R. P.....9159		Sears, G. A....16920,22349
Schmidt, C.....23205	Schour, I..5215,9393,14546		
Schmidt, C. F., Jr....1125	Schow, F.....21216		
	Schrader, A. L.....24838		
	Schrader, F.....8061		



Item	Item	Item	Item
Sears, O. H....25714, 25717, 25726	Senaratna, J. E....5911, 6205	Shadgett, L. M.....13143	Sheffington, L. B....18241
Seath, D. M....7316, 11846, 13025, 21810, 22382, 22427, 22485	Señas Encinas, F.....14672	Shaeffer, M.....18207	Shefrin, F....13277, 14182, 19381
Seaton, M. A.....9790	Senay, P....5976, 10239, 15384	Shaffer, J. J., Jr....10799	Shelest, P.....3781
Seaver, F. J....1644, 6010, 9505	Senior, R. M.....21504-5	Shafir, Y.....3287	Shelfuto, M. I.....20938
Seaver, S. K.....224	Senior-White, R.....12717	Shah, M. H.....24128	Shellenberger, J. A....4413, 15796
Sebelius, H.....7165	Senn, E.....9947	Shain, S.....15684	Shelley, F. G.....4607
Seborg, C. C.....2205	Senn, H.....16966	Shakespeare, E.....25195	Shelton, E. J....3058, 3088, 4492, 7682, 12330-1
Secher, T.....1225	Senn, M. J. E.....19756	Shakurin, V.....9351	Shelton, L. G.....5103
Sechrist, E. L.....3286	Senn, P. H.....15614	Shallcross, R.....7082	Shelton, R. E.....27035
Seckman, M. C....1295, 10982	Senni, L.....16589, 21040, 22048, 26151, 26801	Shands, W. A.....25892	Shen, S. C.....2801
Secrétain.....18174-5	Sentex, J.....575	Shank, D. B.....6276, 25662	Shen, T.....26546
Seddon, H. R.....3018	Senthille, F....11968, 16849	Shankar, K.....8952	Sheng, T. C....23291-3, 23300
Sedlaček, J.....9206	Seoane C., E....1930, 11343	Shanklin, J. F.....15260	Shenurenkova, N. P....10517
Sedletskiy, I. D....11164, 26908	Sepponen, C. M.....27495	Shanmugasundaram, R....21256	Shepard, E. F....14143, 19382
Seeba, Mrs. H.....21502	Sequeira, C.....18811	Shannahan, M. M.....1931	Shepard, W.....20604
Seeger, K. C....2811, 12114, 25671, 27634	Sequeira, O. de.2918, 12063	Shannon, A. T....4963, 12368, 13104, 14257, 19457	Shepardson, C. N....20346
Seelemann.....7166	Sequeiros Bores, J. M.....26668	Shannon, F. A....4977, 5750	Shepardson, E. S....18242
Seeler, A. O.17108, 17345-6	Serdan, M.....25044	Shantz, H. L.....511	Shepard, C. Y.....29079
Sealey, R. W., Jr....27437	Serdobol'skiy, I. P.11135, 11165	Shaplin, J.....9873	Shepherd, G....19458, 24760
Seaman, B.....9047	Serebriakov, A. M....4551	Shaposhnikov, A. N....26050	Shepherd, G. S.....9945
Seavers, C. H.....3433	Sereni, D.....15521	Sharma, P. L.....23054	Shepherd, R. E.....1542
Seavers, H. V.....16138-9	Serfaty, A.....12593-4, 12876, 28012-14	Sharma, T. N.....3755	Shepherd, T. L....3475, 7221
Seghetti, G....19062, 24439	Serfontein, P. J....2919, 7575, 17438	Sharma, V. N.....15724	Shepilov, D.....20501
Seghetti, L.....17572	Sergeeva, M.....2563	Sharp, C. C. T.....11111	Sheppard, A. C.....12854
Segur, R. F.....13229	Sergent, E.....22428	Sharp, D. G....11743, 22885	Sheppard, R. W.....27859
Segurado, M. N.....22350	Serpieri, A.....510, 20611	Sharp, H. R.....25177	Sheps, M. C.....9320
Seguy, E.....591, 5822, 8007-9, 12440, 12716, 28096	Serra, A.....17347	Sharp, L.....1227	Sher, J.....24810
Seide, E. F....23749, 27564	Serra, J. A....26458, 26487	Sharp, M. A.....25785	Sherff, E. E.....772
Seidel, R.....13178	Serrano, E.....22815	Sharp, P. F.....9462	Sherman, C. B.....28649
Seifriz, W.....961, 15723	Serrano, G. P.....29078	Sharpe, B.....10808, 24546	Sherman, G. D.....25816
Seigworth, K. J.....27159	Servadel, A....22986, 23206, 23379, 23403	Sharpe, J. S.....17959	Sherman, H. C....5259, 14609
Seiler, F.....18529	Servièrre, H.....14428	Sharpless, A. E.....21506	Sherman, J. M.....4045
Seissiger, J. H.....4491, 13800-1	Servindia Travancore Relief Centre, Alleppey....25074	Sharpless, N. E.....12437, 22956	Sherman, M. S....11423, 21966
Seixas, C. A. de....17737	Serviss, G.....2441, 6832	Sharrit, G. V.....26638	Sherman, R. W....18482, 23886
Selbie, F. R.....17573	Serviss, G. H....15793-4, 20432-3, 21179, 27400	Sharsmith, H. K.....26179	Sherard, E. C.....16689
Selby, H. E.....29260	Servy, H.....10014	Shattock, P. M. F....13386	Sherstoboev, K. N....7284
Selca, W. E.....12303	Seshacharyulu, E. V.11409, 13381	Shaughnessy, H. J....16816	Sherwin, H. S....6107, 6149
Seleznov, P.....4792	Seshayya, R.....22351	Shaver, J. H....1167, 15795, 16225	Sherwood, E. C.....5707
Self, E. M.....24567	Seth, L. N.....6657	Shaw, J. M....5988, 20726	Sherwood, H. D.....18566
Selhorst.....24246	Sethi, D. R.....9160	Shaw, A. O....11814, 22352	Sherwood, L. V.....1685
Seliber, G. L.....6275	Setkina, V. N.....4305	Shaw, C. L.....24864	Sherwood, R. M.....17339
Seligman, R....8586, 20503	Setna, S. B.....25157	Shaw, C. S.....19884	Sheshgiri, B. S.....26113
Selinger, A.....1645	Setrakian, A.....14876	Shaw, E. B.....13808	Shetty, K. S.....7349
Selinger, E.....6626	Servalle, E.....17807	Shaw, E. E.....2107	Shew, W. D.....13766
Sell, H. M.....6230	Sevastopulo, D.G....18144, 23505, 28203-4	Shaw, F.....1239	Shewan, J. M....24568, 29048
Sell, O. E....11285, 16397	Severin, H. C.....18042	Shaw, H.....3172, 27917	Shewell-Cooper, W. E.1646, 3600, 6407, 6658-9, 11043-4, 11112, 11307, 15892-3, 15906, 16226, 20592, 21008, 21310, 21976, 22987, 26803, 27918
Sellers, A.....20149	Severin, H. H. P.....221, 15555, 20261-2, 25663-4, 25666-7, 26382	Shaw, J. C.....2503, 7231	Shibaev, P. N.....20593
Sellier, E.....11422	Severson, H....1868, 2276, 4928, 6376, 6572, 10712, 14181, 15854, 16398, 18286, 21913, 23700, 23977, 24735, 26597, 26637	Shaw, J. K.....6435	Shidaker, W.....18310
Selling, L. S.....599	Sevestre, J.....29415	Shaw, M. C.....21507	Shidaker, W. H.....23702
Selling, O.....15338	Sevringhaus, E. L....9434	Shaw, R. S....16399, 24808-9	Shield, T. H.....23058
Selling, O. H.....26150	Sewell, C. C.....3820	Shaw, T. E.....22084	Shields, J.....10772
Sellnick, K.....12020	Sewell, Mrs. C. W....5102	Shaw, W. M.....11436	Shigley, J. F.....3019
Sellschop, J....8960, 11059, 13925	Sewell, F. L.....17255	Shaw, W. R.....18411	Shillinger, J. E.....3476
Sellwood, T. A.....24807	Sewell, W. E.....14960	Shawl, R. I....3780, 8279, 9774, 12970, 13049, 23674, 23701	Shimkus, D. G.....18243
Selman, I. W.....926-7	Sexton, W. A.....6280	Shay, J. R.....894	Shimolin, A.....4793
Semenov, A.....9100	Seybold, A.....26085	Shcherbakov, A. P....6277, 21007	Shinn, E. H.....25403
Semmens, C.....6204	Seyler, H. G.....26802	Shchukina, A. I.....26894	Shipman, R. C.....18291
Semple, D.....9394	Seymour, E. L. D....1540	Shea, J. P.....19919	Shippy, N.....27803
Semple, J. V.....19647	Seymour, E. Y.....2564	Shea, R. A.....27495	Shirk, H. G.....9679
Semtner, W.....27325	Seymour, F. C.....20716	Shealy, A. L.....18928	Shirley, H. L.....6278
Semtner, W. K.....7391	Seymour, J. W.....1541	Shear, S. W.....4289	Shirras, G. F.....512
Sen, A.....16300	Seymour, O. J....9319, 14429	Sheard, G. E.....28707	Shirreff, W. H.....2960, 8323, 22788
Sen, H. K.....19157	Sezemov, M.....2563	Shearin, A. E.....14893	Shirreff, Mrs. W. H....2960
Sen, I.....12551	Sgandurra, C.....11492	Shearn, J.....27843	Shitt, P.....26684-5
Sen, K. C....11684, 17014		Shedd, C. K.....25242	Shive, J. W....20981, 26527
Sen, N. K.....20984		Sheehy, E. J....2634, 2748, 17161, 22384, 27513	Shiver, H. E.....19063
Sen, N. R.....1063		Sheely, C. E.....6573	Shlygin, G. K.....17132
Sen, S.....26585		Sheely, W. J....4463, 25800-1	Shmuk, A. A....15685, 19794
Sen, S. N.....3171, 25217		Sheets, O.....9461	Shnell, K. N.....12035
Sen Gupta, J. C.....1063		Sheets, O. A.....231-2	Shoemaker, A....2812, 2920-1
Sen-Gupta, S. K.....13839			Shoemaker, Mrs. A....26804
Sen Gupta, S. M.....13841			Shoemaker, J....2711, 7819



Item	Item	Item	Item
Shoeman, J. D.....3076	Silber, H.....17257	Sindicato da Indústria de	Slater, A. E.....20555
Shoffner, R. W.....9816	Silber, R. H.....17108	Laticínios e Produtos	Slater, F. P.....24081
Shokal'skaia, Z. Iu.....1791	Silberschmidt, K.....10391,	Derivados do Estado de	Slater, G. W.....27462
Sholes, M. L.....25098	10394-5, 15445	São Paulo.....18567	Slatter, W. L.....4062,
Shollenberger, J. H.....9552,	Silberstein, B. G.....4978	Singer, J. E.....18886	15183, 24017
18287	Silberstein, L.....15698	Singer, R.....15407-8, 20748	Slaughter, Mrs. W. A. 10984
Sholohov, V. A.....12250	Silva, E. M.....13871	Singer, T. P.....25158	Slavina, N. S.....7908
Shoobridge, E.....15522	Silva, J. L. E.....21914	Singh, A.....9483, 16770	Slawson, H. H.....5153
Shoobridge, H. W.....24675	Silva, L. B. de.....19757	Singh, B.....16786, 17035	Sleesman, J. P.....12448,
Shore, R.....7350	Silva, L. P. da.....14364	Singh, B. N.....18783	22990
Shorland, F. B. 13992, 26547	Silva, M. M. da.....14510	Singh, D.....21837, 23500	Sleeth, B.....15471, 26360
Shorrock, R. W.....3434, 8062	Silva, P. da.....24530	Singh, G.....17563	Slifko, C. W.....2216, 7091
Short, W. F.....26540	Silva Barrios, F. A.....26884	Singh, Sir J.....4861, 14184	Slinger, S. J.....2733
Shortt, H. E.....28097	Silva Eliseu, H. da.....26062	Singh, K.....12267	Sloan, H. J.....2749
Shostack, R.....24057	Silva Osses, L.....5315	Singh, L.....23675, 23945-6,	Sloan, R. C.....28679
Shouer, L. G.....3954	Silva Sanchez, J. M.....16228	24169-70, 24247-60	Sloan, W. C.....16470
Shoup, C. S.....18164	Silva Sanchez, R.....28464	Singh, M.....20975	Sloan, W. J. S.....27920
Shoup, E. C.....3872	Silveira, A. H. da.....13323	Singh, R. K.....7168	Slocum, G.....4992
Shoushan, A. A.....15682	Silveira, V. D.....15406	Singh, R. N.....23377	Slosser, J. W.....3757
Shrader, H. L.....14819	Silvestri, F.....17997	Singh, S.....7810, 12509,	Slotosch Loth, M.....19144
Shrader, W. D.....20176	Sim, R. A.....19048	20975, 21284, 23052, 24247	Sluder, J. C.....4372
Shrewsbury, C. L.....4521	Simão, J.....22136	Singh, S. B. L.....21285	Slusher, H. E.....29066
Shrikhande, J. G.....3756,	Simeone, D. H.....28450	Singh, T. J. N.....12552	Slusher, M. W.....14963
4693-4, 9000	Simha.....1331, 6453	Singh, U. B.....10369	Small, J.....13267, 28505
Shroff, A. D.....25990	Simmonds, A.....5895, 6436,	Singhal, A. S.....28708	Small, J. A.....15339
Shtakel'berg, A. A.....23294	20662	Singleton, A.....3344	Small, M. C.....27710, 28987
Shtelman, S.....2565	Simmonds, F. A.....139, 2205,	Singleton, H. P.....2442	Small Pig Keepers' Coun-
Shuck, B. R.....3521	5443	Singleton, R.....27804	cil.....18978
Shuey, G. A.....9739	Simmonds, P. M.....10302	Singleton, W. S.....13872	Smalley, H. R.....2019, 11233
Shukla, J. P.....4303	Simmons, C.....1064, 8063,	Singruen, E.....23887	Smallfield, P. W.....4464,
Shuler, G. P., Jr.....20152	15946, 18362, 21915,	Singsen, E. P.....22649	24881
Shulkcum, E.....14891, 25485	22429, 22762, 22989,	Sinha, B.....26021	Smallman, B. N.....3173,
Shull, A. F.....7966	23750, 24193, 24477	Sinifagin, I.....4664, 26664	12449, 22949
Shull, J. M.....16140	Simmons, C. S.....14891, 26945	Siniscalchi, A.....14330,	Smallwood, N. W.....9611,
Shull, W. E.....5493, 5573,	Simmons, E. B.....17146	19525	20123-4
17996, 20384, 20387	Simmons, F. C.....25443	Sinnoek, E. P.....16416	Smaragdova, N. P.....27966
Shulley, F. J.....11552	Simmons, J. R.....11553	Sinnott, E. W.....6279, 15572,	Smart, J.....23295
Shultis, A.....14965	Simmons, K.....13266	15686	Smellie, E.....12516
Shultz, E. F., Jr.....15850,	Simmons, R. H.....7083	Sinton, J. A.....22920	Smetnev, S. I.....22763
15855	Simmons, S. W. 18043, 27919,	Sippel, H. M.....22782	Smiley, D., Jr.....22098
Shultz, E. N.....2408	27923, 28107, 28119, 28123	Sippel, W. L.....12348-9	Smillie, E. W.....11959
Shultz, W. O.....6317	Simmons, V. L.....17537	Sircar, N. N.....773	Smirnov, N.....3836, 6953
Shultze, O. F.....12215	Simões, J. M. P.....23229,	Sircar, S. M.....1065	Smirnov-Ugrunov, D. V.....
Shumeyko, A. I.....20886	23316-17	Sirett, H.....13242, 23856	20550
Shunmukhasundaram, R. 18781	Simões, T. S.....25075	Sirrol, J.....513	Smit, B.....3174, 7754,
Shute, P. G.....23345	Simon, E. I.....27844	Sites, J. W.....1075	22991, 23059
Shutler, P.....16469	Simon, F.....8532	Sitton, J. J.....12971	Smit, B. J.....4063
Shutt, D. B.....18614	Simon, L.....21254	Sivo, D. R.....27709	Smith, A.....4862, 8181,
Shuttleworth, P. O.....28478	Simon, M.....11143, 15870-2,	Sizer, I. W.....1104	13881, 21241, 28255
Shvanvich, B. N.....12855	16294, 21204-5, 27269-70,	Sjögren, E.....19726, 29328	Smith, A. C.....2585, 2612,
Shweig, K.....3432, 8125	28395	Sjöstrand, J.....18568	2922, 7329-30, 7356,
Sibbitt, L. D.....13686	Simon, Lady S. D.....14430	Skala, O.....12553	10162, 11952-3, 11973,
Sibilia, C.....10368, 15455,	Simonds, W. W.....2096, 22077	Skalinska, M.....26459	17103-6, 22500-2, 22532,
20856	Simone, V. de.....8851	Skalla, F.....11558	27503
Sicer, J. W.....5579, 7576	Simonet, M.....20940	Skau, E. L.....24486	Smith, A. D. B.....16922,
Sichivava.....1167	Simonneau, P.....21881	Skeeles, W. R.....19210	22335
Siddappa, G. S.....4371	Simonpietri, R.....2813	Skerman, P. J.....18637	Smith, A. G.....312, 9893
Siddiqui, S.....15724, 24440	Simonpietri, R. H.....2814,	Skinner, B. G.....24129	Smith, A. G., Jr.....6575
Sidel'nikov, V. A.....25988	13916, 22679-80	Skinner, C. T.....24531	Smith, A. H.....14506, 15409
Sidney, E. M.....8886, 27708	Simons, J. W.....20172	Skinner, F. L.....1543	Smith, A. J.....8550, 8563
Sidorin, M.....16227	Simorra, J.....2277-8, 26639	Skinner, J. J.....5340, 26984	Smith, A. L.....5696, 16977
Sidorov, V.....27523	Simpich, F.....11767, 27036	Skinner, W. E.....16516	Smith, A. M.....2628
Sie, W. C.....9891	Simpkins, L. G.....7053	Skiwith, H.....10983	Smith, A. W.....19649
Siebold, F.....4991	Simplot, J. R.....8449	Skolko, A. J.....10302, 10352	Smith, B.....15797, 21956
Siefert, E.....19561	Simpson, B. W.....27422	Skott, H. E.....18569	Smith, C. B.....9604, 12064,
Siegfried, A.....9947	Simpson, G. A.....5475	Skottsberg, C. 10432, 26180	20476
Siegler, E. A.....10304	Simpson, G. G.....17986	Skrepinski, A. I.....10757-8	Smith, C. C.....58, 3106, 4231
Siemens, G. F.....9406, 13621	Simpson, G. W.....25892	Skrimshire, G. E. H.....26540	Smith, C. E.....20288, 23233
Siems, H. B.....2018, 11430	Simpson, W. A.....16921	Skrynnik, A. N.....23122	Smith, C. F.....422, 19098,
Sienarra, C.....19694	Sims, H. J.....10714, 22816	Skutch, A. F.....10251, 26152	28205
Sierra, H.....21121	Sims, J. A.....2409	Slabaugh, P. E.....11528	Smith, C. H.....12115
Sierra, H. M.....8954, 10713,	Sinclair, G.....29115	Slack, E. B.....25089-90	Smith, C. L.....23367-8
19209, 21675	Sinclair, G. D.....28312	Slade, F. H.....23676	Smith, C. N.....23125
Sierra, M. S. de.....6574	Sinclair, J. B.....12036	Slade, F. W.....27752	Smith, C. O.....10370, 15540
Sierra S., A.....1730, 6725	Sinclair, R. D.....2566,	Slade, R. E.....6280	Smith, C. W.....5812, 25425
Sievers, A. F.....177, 21022,	8877, 14183	Slagg, C. M.....4414, 6077,	Smith, D. C.....991
24441	Sinclair, W. B. 10519, 13838	15456, 20792	Smith, D. D.....22
Sievert, R.....18782	Sindicato Nazionale Fas-	Slamp, K. R.....9701	Smith, E.....18843
Sigetwary, A.....22890	cista dei Tecnici Agri-	Slanetz, L. W.....7285, 20310	Smith, E. A.....1009
Sigmond, P. N.....2961, 17490	coli.....19824-5	Slate, G. L.....1390-1, 6437,	Smith, E. C.....26436
Sikes, A. M.....25803, 25805		16141, 20320, 21508	Smith, E. G. L.....1647



Item	Item	Item	Item
Smith, E. H.....20327	Smith, R. J....6417,15947,	Soares Filho, F.....13387	Sorenson, A. L.....445
Smith, E. Y.....7577,28385	19285,19496,29118	Soares, H. E. M.....17902	Sorenson, C. J.....23404
Smith, F. B.....25189	Smith, R. W....1066,1648,	Sober, J. D.....19354	Sorenson, R.....9352
Smith, F. F....12412,12450,	6660,16229,21600	Sobolev, S. S.....27069	Sorge, G.....27773
12758,12903,20873,23354	Smith, S.....14185	Sobolevskaya, O. J....1068	Soriano, A.....5979,26230,
Smith, F. R.....13583	Smith, S. F.....23888	Sobrero, L. R....1242,2169,	26295
Smith, G.....18742-4,	Smith, S. G....12857,17133,	3659,11045,12982,	Soriano, S.....13388
24130,28709	18146	13050,13105,15856,28387	Sornay, A. de...9001,19145
Smith, Mrs. G.....29298	Smith, S. L.....81,20009	Sochava, V. B....6177,10164,	Sornay, J.....6969,11468
Smith, G. A.....3107	Smith, T. E.....6919,9531	26397,26936	Soraa, J. M. de.....8916
Smith, G. C.....7495	Smith, T. J.....216	Sociedad Agronómica de	Sorca y Fineda, J. M.28956
Smith, G. E.....12741	Smith, T. L....9277,9676,	México.....20621	Soraa y Plana, J. M. de...
Smith, G. E. P.21882,27009	19508,19526,24607	Sociedad Agropecuaria de	28337
Smith, G. G.....26231	Smith, T. R....26024,28931	Cerro Largo...18447,19383	Sosa, A. H.....11493
Smith, G. L....9656,12856,	Smith, V. R....2443,7317,	Sociedad Colombiana de	Sosa-Bourdouil, C...10513,
23411,28087-8	11938	Químicos.....19876	10643-6,15726-7
Smith, G. M.....635,14976	Smith, W.....5036	Sociedad Nacional de	Sosnovets, A.....19117
Smith, G. S.....14673	Smith, W. E.....16471	Agricultura (Chile).....	Sotnikov, E. A.....7170
Smith, H.....21509	Smith, W. F.....6915	18530,19696	Soto, E. R....1731,15799,
Smith, H. C....7169,7496,	Smith, W. H.....1067	Sociedad Rural de	15894,25076
11889,13026	Smith, W. P. C.....21718	Bragado (Argentina).13767	Soto, H.....28109
Smith, H. D....4230,8665-6,	Smith, W. R.....2168	Sociedade Cearense de	Soto Valencia, C....19651
13533,24131	Smith, W. S....2505,21286	Agronomia.....14721	Souèges, R.....10492
Smith, H. DeW.....28710	Smith, W. T....2184,16682,	Società Agricola Indus-	Soultrait, de.....489
Smith, H. G.....8667	22134,27220	triatale di Etiopia...14458	South, F. A.....17661
Smith, H. H....7578,11815,	Smith, W. W....774,23339,	Società Agricola Italo-	South, G. P.....6865
20109,22860	26232-6	Somala.....14459	South African Cane
Smith, H. L., Jr.....3955	Smith, Y. F.....4232	Société des Agricul-	Growers' Assoc.....4665
Smith, H. M.....17676	Smith, Z. M.....19650	teurs de France.....489	South African Inst. for
Smith, H. P....8258,15024	Smithers, R. H. M....28015	Sociétés de Colonisation	Med. Res.....29454
Smith, H. R.....2815,12116	Smithson, R.....27742	de la Province de Québec.	South African Standards
Smith, H. S....18070,23447	Smits, M. B....13716,14258	9321	Inst. Timber Sub-com.5980
Smith, H. V....9753,20253	Smock, R. M....4373,25755	Society of Amer. Foresters	South Australia. Statis-
Smith, H. W....7145,17136,	Smoyer, K. M....15457,19459	9989	tician.....23909
25752,27632	Smyth, C. B.....9161	Com. on West. Forest	S. C. Agr. Expt. Sta...232,
Smith, J..2228,11847,22094	Smyth, J. R.....12178	Types.....26063	299-300,5337,5552-3,
Smith, J. A. B.....4415,	Smythe, R. H.....17134	Society of Dairy Technol..	9734-5,15012
22430,23988,24028	Snapp, O. I.....28057	24006	S. C. (Clemson) Agr. Col.
Smith, J. B....2712,3821,	Sneed, J. F.....14006	Soderberg, P. M.....17439,	Ext. Serv.....9842,
9143,15010	Snell, N.....1241	22764,27565,27711	20444-5,25953
Smith, J. C.....11163	Snell, R. S....1932,15772,	Sodiolo, A.....26175	S. C. State Comm. of
Smith, J. E., Jr.....1240,	21100-1	Sodré, N. W.....19212	Forestry.....131
21510-11	Snell, T.....3477	Soffe, G. N.....1545	S. C. Univ.....9893
Smith, J. F.....18330	Snell, T. W.....3691	Sogandares, L.....14548	S. Dak. Agr. Expt. Sta....
Smith, J. G.....663,1544	Snell, W. H.....6011	Sohi, G. S.....27922	5554-5,9736-7,15013-18,
Smith, J. H....9892,25989,	Snellgrove, E.....4552	Sohn, F.....5751	20340,25781-4
27921,29116-17,29214	Snider, H. J....1869,21811,	Sohn, P. J.....13628	S. Dak. State Col. of
Smith, J. H. N., Jr.....6176	25725,26985-6	Sokoloff, B.....22211	Agr. Ext. Serv....447-50,
Smith, J. L....6833,18389	Snor, J. J.....14007	Sokolov, A. V.....11135	5693,9843,20446-50,25781
Smith, J. R....5879,11510	Snow, C. F.....2971,4945,	Sokolov, D. F.....26909	South-Wide Conf. of State
Smith, J. W. G.....18570	7612-14,8324,17491,	Sokolov, N.....26864	and Dist. Supervisors of
Smith, K. D.....6576-7	17506,17528-9,22789,	Sokolovskii, A. N....26937	Ext. Work with Negroes...
Smith, K. M.....860,928	22799,28920	Solanet, E.....2670-1	20036
Smith, L.....28417	Snow, C. F. F.....7054	Solar, E. M. del....4695	Southcott, W. H.....17574
Smith, L. B..5977-8,10025,	Snow, D.....4415,6819,	Soldatova, A. P.....17903	Southern, R.....13225
10163,15385	8596,15687	Soldavini, B. A.....29247	Southern Corn Impr. Conf.,
Smith, L. E.....28303	Snow, E.....10491	Solikamskaiâ Sel'skokho-	4, Birmingham, Ala..26086
Smith, L. J.....9749	Snow, R.....10598	z'istvennaia Optynaia	Southern Methodist Univ.
Smith, L. M.....9658	Snow, W. E....23281,28149	Stantsiia...10025,10053-5	Inst. of Technol. and
Smith, M....10,27818,28506	Snowball, J. G.....3389	Solis Figueroa, A...15523,	Plant Indus.....25238
Smith, M. C....217-18,9753,	Snyder, C. E.....18929	17739	Southern Rhodesia. Dept.
20247-9,20252-3	Snyder, C. F....24532,29024	Solodovnikova, O. I..28120	of Agr. and Lands. Div.
Smith, M. E.....19562	Snyder, E. S....4608,13917	Solomkin, P. S.....7683	of Anim. Husb.....13777
See also Winfield, M. E.	Snyder, G. B....1686,4374	Solomon, M. E.....3377	Southern Rhodesia.
Smith, M. G.....12595	Snyder, G. R.....7755	Solov'ev, P.....28313	Trypanosomiasis Com.12718
Smith, M. I....12426,12451	Snyder, J. A.....25821	Solov'eva, N.....26398	Southern States Coop.,
Smith, M. L.....29299	Snyder, J. C....5701,5705,	Somayaajulu, P.....15798	Inc.....9524
Smith, O.....28804	6438,10856,10985,	Somers, G. F.....15725	Southwell, B. L.....20272
Smith, P. F.....6281	12911,20462-3	Somers, J.....4233	Southwest Minn. Farm
Smith, P. I....4522,16707	Snyder, J. M.....20212	Sommer, A. L.....26528	Mangt. Assoc.....24798
Smith, P. T.....7286	Snyder, K. M....6690,18424,	Sommer, H. E.....22662	Southwick, A. M.7820,17843
Smith, P. W.....15112	25218	Sommerfeld, K.....9207	Southwick, F. W....25755,
Smith, Q. Q.....22486	Snyder, L. B.....4964	Sondak, V. A.....27993	28805-6
Smith, R.....19211,19695	Snyder, L. C.....21601	Sonderregger, J.....22788	Southwick, L....250,1366,
Smith, R. B.....6834	Snyder, R. S.....363	Soneira Perey, A.....3822	6409,6439,10845,11286,
Smith, R. C.....12379	Snyder, W. C....850,6078,	Sonnenbrodt.....12350	15688,21637,26713
Smith, R. E.....21242	10323	Sonntag, G...8789,13685-7,	Southwick, R. W.....6880
Smith, R. F....9658,12856,	Snyders, S. L.....11890	28999	Southwood, A. R.....18571
17960-1,18145,28087	Soares, B. M....12596-7,	Soper, V. R.....9606	Southworth, H. M....19408
Smith, R. I.....24132	17895-901	Sorensen, H. G.....6726	Soutter, R. E.....11073,
			26598



Item	Item	Item	Item
Souza, P. F.....11494	Spicer, O. W....12452,16142	Stamberg, O. E....363,5492	Steelman, C. H., Jr....6440
Souza, V. de.....23506	Spiegelman, S.....988	Stambovsky, L.....9395	Steen, H.....8820,24306
Souza, W. W. C. de...16417, 19248	Spiekermann.....19460-2	Stamm, A. J.....2191,5444	Steenkamp, J. L...2012,6928
Souza-Araujo, H. C. de.... 17998,18044	Spielman, A. A...315,7287, 20461	Stamp, L. D.....9900	Steere, R. E.....17440
Souza Novelo, N.....5981	Spielman, H. W...3986,9048, 13536-7,24442	Stampa, G.....6766	Steere, W. C.....775-6, 11576,20717,20735
Souza Piza, M. de.....22260	Spiridonova, N. S.....6269	Standard Oil Co. (Ind.) Tech. Dept.....5408	Steeves, T. A.....13119
Sovani, N. V.....8369	Spiro, S.....8668	Standen, J. H.....10371	Steeves, W. A.....14432
Sowder, A. M.....14819	Spifayn, N. A.....7171	Standfast, A. F. B...26540	Stefanelli, A.....23297
Soxman, G. M.....10252	Spitz, G.....12021	Standish, J.....11554	Stefano, G. di.....9929
Soyer, D.....14696	Spiva, W.....19826	Standley, P. C.10165,14674	Stefanopoulo, G. J...23239
Soyer, L.....14696	Spörri, H.....7172	Stanek, M.....9811	Stefansson, V....664,5879, 9401
Soyer, R.....15340	Spohn, B. B.....445	Stanford, E. B.....514	Steffeb, A.....26806
Soyza, D. J. de.....26599	Spooner, H. L...2923,14259, 23677,27761	Stanford, E. E.....26321	Steffek, E. F.....1546-7, 6578,11113,16143,26807-8
Sozio, S.....16323	Spottswood, A. P....12937	Stanford, E. H.....15487	Steffen, A.....21603
Spachner, J. V...8426,18459	Sprague, D. C.....13118	Stanford Univ. Food Res. Inst.....5773,13717	Steggerda, M.....22765
Spackman, E. F.....17086	Sprague, G. F....1158,1168	Stangel, W. L.....29160	Stegner, W.....19286
Spackman, L. S.....4064	Sprague, H. B...9700,21812	Stanger, F. M.....9485	Stehle, H.....10433
Spafford, W. J.1990,22650, 27601	Sprague, V. G....1243,16122	Staniland, L. N....15545, 15559	Steidl, L. R.....2174
Spagnoli, A.....19064	Spranger, N. D.....1286	Stanley, C. W.....14062	Steimer, G.....3345
Spain. Dirección General de Comercio y Política Arancelaria.....29355	Spratling, F. R.....22515	Stanley, J.....1870,11387	Stein, C. D.....22261
Spain. Dirección General de Estadística.....28517	Sprecher, F.....7822-3	Stansbury, B.....9522	Stein, H.....11074
Spain. Instituto Nacional de Investigaciones Agro- nómicas...1181,1282-3,1407	Spreng, H.....1367	Stanton, B. E...13216,19697	Steinbach, H. B.....2799
Spain. Ministerio de Agri- cultura. Sección de Publicaciones, Prensa y Propaganda....1359,1602, 1694,2310,2656,2998, 4475,20541,20575, 26036-7,26040,26048, 26054,26109	Spriggs, D. N...11891,27298	Stanton, H. R...2568,12938	Steinbauer, G. P...248,5595
Spain. Ministerio de Hacienda. Dirección General de Aduanas...29356	Sprigle, R....13802,17087, 19099,27463	Stanton, T. R.....21102	Steiner, H. M.....3601
Spain. Servicio de De- fensa Sanitaria del Olivo.....20811	Springer, H. B.....9002	Stanway, E.....18810	Steiner, L. F...8126,23507
Spangenberg, G.....1792	Springer, M. E.....6206	Stapledon, R. G.....21916	Steinhamar, S.....27141
Spangenberg, J.....4234	Springer, M. R.....20176	Staples, R. R.1244-5,21181	Steinhamer, S.....7001
Spangler, D. W.....10986	Sproston, T., Jr...15458, 15478	Staples, R. S.....25019	Steiniger, F.....8164-6
Spanton, W. T.....18208	Sprout, D. B.....22574	Stapley, J. H.....17926	Steinkamp, R. C.....25159
Spargo, L.....10846	Spruill, R. C.....8669	Starch, P. F.....11965	Steinle, M. L.....27896
Sparhawk, W. N.....20110	Spuhler, V.....7351	Starcher, G. C.....29391	Steinweden, J. B....28023
Sparks, C.....24753	Spurr, S. H.....27160	Stare, F. J....2587,9439, 12083,14550,25077	Stelfox, A. W.....26237-9
Sparks, W. C.....1069	Spurrell, F. A.....24364	Stark, P.....25256	Stella, E.....12598
Sparre, G.....16155	Spurway, H.....17999	Starkey, J. E.....3289	Stellwaag, F...12385,12859
Spate, O. H. K.....24913	Squadron, J.....8564	Starkoff, O.....23569	Stempffer, H.....23508
Spaulding, I. A.....271	Squibb, R. L....2410,8259, 17192,17740,21180, 22212,28016	Starnes, H. T.....12554, 17808,27987	Stenkoff, E.....21838,22213
Spawn, G. B.....5554	Squire, F. W.....13051	Starp, E.....16771	Stennett, H. E.....1872
Speakman, J. B.....13534, 24112,28719	Sreenivasaya, M.....23506	Starr, D. F.....18244, 22992,28063	Stenagard, A. H.....19384
Speck, F. G.....5896	Srinivasan, M.....13520	Starr, G.....17135	Stenson, J. V.....1548
Speer.....16629	Srinivasan, M. K....17043	Starr, G. H....4335,4375, 5562	Stepanov, B. Z.....28555
Speer, W.....21041	Srinivasan, P. A....19152	Starr, W. B...16517,22898	Stephan, L. L.....8917
Speese, B. M.....20663	Srinivasan, V.....16334	Starrak, J. A.....9673	Stephens, C.....24380
Speh, C. F.....9484	Srinivasan, V. K....20924	Staten, G.....14996,25754	Stephens, D.....20338
Speirs, A.....2567	Sriraman, K.....19141	Staten, H. W.....293-4	Stephens, D. F.....288
Speirs, M.....231-2	Srivastava, R. C....24533	Statuti, F.....23296	Stephens, H. C.....5154
Spellman, C. L.....5037	Srivastava, J. P....8385	Staub, A. M.....17175	Stephens, J. A.....3435
Spencer, A.....10987,21512	Stagack, W. E.....3288	Staub, M.....4120	Stephens, S. E.....6418
Spencer, C. B.....26640	Stalfelt, M. G.....1070	Stauffer, J. M...2063,11539	Stephens, S. G.....10493, 20954-7
Spencer, D. A...5394,27803	Stabler, R. M.....3175	Stauffer, R. S.....25721	Stephenson, F.....9894
Spencer, G.....3782	Stabler, S.....21813	Stauffer, W. H...1871,26942	Stephenson, R. E....2020, 11287,16400,26529, 26910,27000
Spencer, H. B.....14431	Stack, G. T.....21602	Stayman, S. J.....11939	Stephenson, W.....2001
Spencer, J. W.....6881	Stacy, W. H.....23586	Stazzi, P.....16850-1	Stepp, J. H.....9734
Spencer, K. P.....4105	Stadelmann, A....19652-4	Steagall, E. F....13389, 28846	Sterling, C.....15599
Spencer, L.....20318	Staebner, F. E.....1933	Stearn, W. T....5982,16230	Stern, E. G.....16649
Spencer, S.....9420	Staehelin, H.....26071	Stebbing, E. P.....1991	Stern, J. K...19698,25774
Spenner.....7821	Staehelin, M...20857,21338	Stebbins, E. L.....4087	Stern, R. M.....19796
Sperling, J.....21513	Staffe, A.....15221	Stebbins, G. L., Jr...17986	Sternberg, F.....24608
Speroni, H. A.....26706	Stafford, E. M.....9658	Steck, L.....18603	Sterne, M.....11744,27327
Speroni, J. C...13535,24134	Stafford, J.....5216,14549	Steck, L. J.....213,4088	Stern, R.....26240
Sperry, T. A.....25957	Stafford, P. A.....3783	Steck, R. D.....13027	Sternitzky, R. F.....8127
	Stage, H. H.....19906	Steckley, J. C.....12320	Stetson, C. H., Jr...25780
	Stagg, A. L....13803,18930	Steel, J.....515	Stewart, D. W.....8711
	Stahel, G.....10132	Steel, K.....10715	Stevenin, A.....3436
	Stahl.....22876	Steel, Sir S. S....11469	Stevens, A. E.....15187
	Stahler, L. M.....1691	Steele, C. F...5038,5104, 6916,13825,19655, 26573,28554	Stevens, D. H.....29102
	Stahnke, H. L.....28017	Steele, H. A.....4979	Stevens, G. E.....9003
	Stakan, G. A.....27774	Steele, H. K.....29426	Stevens, H.....6319
	Stakman, E. C.10324,10358, 14794,19839,20793,29464	Steele, J.....3791,7288	Stevens, J. C.....16923
	Stal, N.....1649	Steele, J. M.....21917	Stevens, O. A...777,20331, 26241
	Stalker, H. D.....3478	Steele, W. G.....10736	Stevens, V.....13106
	Stallings, D. B.....12858		Stevens, W. C.....16651
	Stallings, J. H.....20222		Stevenson, A. F.....16924
			Stevenson, E. C.....6150



Item	Item	Item	Item
Stevenson, F. J.....1605, 11046,15524	Stoeckeler, J. H.....142, 11529,27142	Street, A. G..22550,23618, 28314	Subbanachar, V. N....19464
Stevenson, J.....4929	Stoehr, J. A....2992,17590, 22836	Streeter, C. P.....1072	Subirats, F. J.....26574
Stevenson, J. A..802,6103, 26296	Stofberg, F. J.....15560	Streeter, F. B.....27464	Subiria y Carrillo, J. G. 14261
Stevenson, S. S.....14510	Stoffels, E. H. J....21676	Streich, W.....7369,7639, 12352	Subrahmanyam, R.....6196, 6207,15600
Stevenson, W. G.....2629, 16852,22262	Stohlman, E. F.....12451	Strerath, O.....11894	Subrahmanyam, V.....5219, 24277
Steward, B. A.....24736	Stofanov, T. P.....15728	Streyffert, T.....16575	Subramaniam, M. K.....6208
Stewart, A.....19241,28418	Stojanovich, C. J., Jr.... 8167	Stricker, M. H.....17810, 23060,23094	Subramanian, C. K....23467
Stewart, A. B.....21936	Stokdyk, E. A..14460,19699	Strickland, E. H.....3177, 8011	Subramanyam, K.....20922
Stewart, A. H.....9984	Stoke, H. F.....16145	Strickland, M.....2672	Suckert, E.....14187
Stewart, A. P., Jr....9462	Stokes, F. C.....4290	Strickland, V. D....24547	Suckling, J. J. C.....8502
Stewart, C. D.....20485	Stokes, H. F.....26809	Strickland, W. B.....4175	Sugar-cane Invest. Com. of Trinidad.....26665
Stewart, C. L....5014,14355	Stokes, J., Jr.....5255	Strike, M.....15989	Sugar Res. Found., Inc.... 29507
Stewart, C. P.....14610	Stokes, W. E..21815,25672	Strobel, F. G.....19656	Sugden, J. J.....4794
Stewart, C. W....4666,9004	Stokey, A. G.....10494	Strohecker, H. F....28222	Sugihara, J.....8712
Stewart, D. K.....25078	Stolk, J. F.....19424	Strohm, J.....29300	Suire, J.....28206
Stewart, D. L.....13661	Stollberg, L.....15107	Stromblad, F.....1225	Suit, R. F.....9722,20320, 25758
Stewart, F.....9656	Stollery, D. J.....2569	Strommes, I. J.....28661	Sukachev, V. N.....6178
Stewart, G. A.....1368	Stoltz, E. H....4609,9208, 14260	Strong, A. M.....5180	Sukharevskiy, B.....18390
Stewart, G. R.....10074	Stoltz, R. B.....17088	Strong, C. K.....700	Sukhatme, P. V.....11940, 16853,24307
Stewart, H. A..11641,17615	Stone, A.....23299,28121	Strong, E. K., Jr....22165	Sukhorukov, K. T..10591-2, 15681,26522
Stewart, H. C. E.....15386	Stone, C. H.....16473	Strong, F. C.....851	Sukhov, K. S.....929
Stewart, J.....7638	Stone, G. M.....6079,6130	Strong, F. M.....9427	Sullam, V.....4863
Stewart, J. D.....17904	Stone, Mrs. H. B....20664	Strong, G. B.....14967	Sullivan, J. T.....14976
Stewart, J. G.....11685	Stone, L.....18858	Strong, J. A.....5181	Sullivan, L...9372,13968, 24308
Stewart, J. M.....17036	Stone, M.....19146	Strong, M. H.....2613	Sullivan, M. A.....24486
Stewart, L.....28358	Stone, R. G.....10434	Stronic, H. S.....11565	Sullivan, W. G.....225
Stewart, P. H.....1873	Stone, R. G.....10434	Strosnik, J. L....17530	Sumberg, T. A.....9170
Stewart, R. I.....16472	Stone, W. G.....28988	Stroud, R. S.....14996	Sumgin, M. I.....20605
Stewart, R. R.....10253	Stone, W. S.....11854	Strout, E. B.....21515	Summerland, S. A.....8126
Stewart, T. G.....21814	Stonecipher, H. V..14992, 19968	Struckman, R. P.....6882	Summers, E. M.....15459
Stewart, W. L.....27791	Stoops, D.....27401	Strugger, S...17540,26531	Summers, M.....3823,4610
Steyn, D. G..2506,22263-6, 22570,26865	Storfer, B.....19065	Strunk, H. D.....16474	Summers, T. H.....23910
Steyskal, G....3108,7701, 8010,23405	Storms, L. B.....5218	Strydom, H. L.....15884	Sumner, K. C.....27792
Stice, L. F.....18931	Story, H. D., Jr....16724	Stuart, E.....1369	Sun, V. G.....21010,26242
Stiebitz, F.....19463	Stoss, A. O.....11642	Stuart, H. C.....26060	Sundaraman, S.....16146
Stienbarger, M. C....9533	Stott, C.....11530	Stuart, H. O.....12178	Sunderlin, G.....28937
Stierli, H....27923,28122	Stott, L. H.....24964	Stuart, J.....7331,24906	Sundquist, A.....14819
Stiff, H. A., Jr....3176	Stotz.....22298	Stuart, L. S.....28957	Sung, P.....969
Stigler, G. J.....5217	Stotz, E.....13653	Stuart, N.....8565	Sunnell, A.....317
Stiles, C. F..25942,25945	Stouder, K. W....238,12351	Stuart, N. W...6056,21009, 21516-18,26532	Supplee, G. C....7129,7173
Stiles, G. W.....11892	Stoudt, R. P..2962-3,17492	Stubbings, W. A. K..23509	Surbeck, E.....10989
Stiles, H. F.....9012	Stoughton, R. H....21243	Stubbs, E. L..11895,22766	Surface, V. A.....1934
Stiles, M. K.....5015	Stout, A. B.....1549	Stubbs, T. H.....18010	Surgalla, M.....4499
Stimson, C. T.....21514	Stout, G. L.....26322	Stucker, G.....6344	Surgenor, M. E.....2503
Stinson, F. A.....6393	Stout, L....3851,4891,8852	Stuckey, H. P..1392,15990, 21732,25676,28507	Suri, H. D.....4674
Stinson, O.....11745	Stout, M.....24513,26530	Stuckey, W. D.....9353	Suris, J. B.....14499
Stirling, J.....25045	Stout, T. M.....1790	Stucky, H. E.....2411	Surnachev, A. V.....7299
Stirling, S.....4980	Stout, W.....26153	Stucky, H. R.....5620	Surridge, H. R.....6954
Stirling, W.....16144	Stout, W. W.....4717	Studebaker, F. B.....5631	Servant, W. G...9794,21918
Stitt, A.....6701	Stoutemyer, V. T....1071, 6397,10810,21264	Studebaker, J. W.....5768	Susarov, A.....26642
Stitts, T. G..4030-1,4070, 5457,13353,23978	Stovall, C.....7036	Studer, A.....21349	Susenberger, F.....27001
Stoa, T. E.....1270,15800	Stovall, J. T.....16253	Studiati, P.....10435	Susplugas, J.....16314
Stobbe, P. C.....6786	Stover, H. W., Jr....9698	Stüssi, D.....4106,8587	Sutcliffe, F. K.....12392
Stock, C.....22589	Stover, R. L.....7318	Stumbo, C. R....13826,24381	Sutherland, A.....17136
Stock, J.....18412	Stoyanoff, T. P. See Stofanov, T. P.	Stumpf, F.....16721	Sutherland, A. E....12517, 17811
Stock, P. G.....12453	Strahan, J. L.....28388	Stura, C. A.....22267	Sutherland, M.....1550
Stock Owners' Central Co-op. Co. (Union of South Africa).....4465	Strait, J.....13028,25916	Sturdevant, J. H....1246	Sutherland, S. S....14433
Stockdale, Sir F....14186, 19385	Straiton, E. C.....11893	Sturgeon, D. H.....7434	Suttle, B.....13538
Stockdale, L.....28907	Strakosch, R.....17037	Sturkie, R. G...6377,9653, 21182-3,26641	Sutton, G. D..27438,27524
Stockley, C. H.23298,27849	Strand, E. G.....25295	Sturkie, P. D..2925,9713, 27635	Sutton, J. G....1935,25637
Stockley, G. H.....11495	Strang, J. W.....12192	Sturla, A. C.....13873	Sutton, L. E.....5220
Stockwell, H. J.....20413	Strang, P. D.....22533	Sturm, E. R.....29329	Sutton, R. D.....24171
Stockwell, W. P.....5959	Strange, H. G. L....4416	Sturtevant, A. H....3479	Sutton, R. L., Jr....28247
Stodart, J. A.....14272	Strate, J. T....2423,7225	Stutt, R. A.....19527	Sutton, S.....1650
Stoddard, C. C.....5306	Stratton, A. J., Jr..12065	Stuyvesant, G. H.....7872	Svanberg, O.....2284,16925
Stoddard, E. M.17905,20794	Stratton, D.....9253	Styer, J. F.....15895	Svärdström, K. F....29330
Stoddard, R. B.....12454	Stratton, D. T.....4993	Suarez Caviglia, O. R.... 24737,26731	Svensen, L.....19089
Stoddard, L. A...309,6303, 16772,20352	Straub, J.....26437	Suarez de Castro, F..18745	Svennilson, I.....24609
Stodola, F. H.....10647	Straughan, W. R....26658	Suarez F., J....15291,21184	Svenska Sockerfabriks Aktiebolaget.....29508
Stoeckel, R.....11848	Strauss, Mrs. R. W...15244	Suay, J. E.....28440	
	Strauss, J. G. N....28701	Subba Rao, N. V.....3146	
	Strecker, F.....21604		
	Stredwick, H.....10988		



Item	Item	Item	Item
Svenska Träforsknings- institutet. Trätekniska Avdelningen....2113,2142, 2148,2170,5325-6	Switzerland. Eidgenös- sische Milchwirtschaft- liche und Bakteriolo- gische Anstalt Liebfeld, Bern.....4065	Tams, W. H. T.....12817	Taylor, C. C.....4339,8613
Svenson, H. K.10166,15387, 15568,20665,21520	Switzerland. Fed. Expt. and Seed Testing Sta., Lausanne (Mont Calme).... 7967-8,12678	Tan, C. C..20958,23208-13, 23219,23292,23300-3	Taylor, C. R....1248,4930, 11747,12985,21817
Svensson, G.....23207	Switzerland. Office Vétérinaire Fédéral.....9958	Tandon, G. L.....24248	Taylor, E.....3346,3602
Svensson, H.....18784	Swoboda, P.....1552	Tandon, R. L.....28556	Taylor, E. L.....3378-9
Sveshnikov, B. IA....10599	Sword, W.....16576	Tang, P. S.....26539	Taylor, F.....9901
Svetlov, P. G.....18000	Sworzyn, M.....29119	Tanganyika. Dept. of Agr.. 21654	Taylor, F. H.....3497
Svihla, R. D.....20731	Swyer, G. I. M.....27496	Tanner, A. J.....2570	Taylor, F. J.....23827
Swaby, R. J.....6767	Sydney Univ. Dept. of Zool.....23332	Tanner, C.....13243	Taylor, G. C.....1554,6581
Swaffar, P.....16967	School of Pub. Health and Trop. Med.....3497	Tanner, C. D.....1553,16148	Taylor, G. E.....568
Swain, R. B.....28058	Syers, E.....701	Tanner, F. W....4067,4348, 11174,13579,23948	Taylor, G. F.....9463
Swales, D. E.....6579	Sykes, F.....9895,24811	Tanner, H.....6988,11643	Taylor, G. G.....26362-3
Swales, W. E.....7497	Sykes, Sir F.....516	Tanner, N. E.....9254	Taylor, G. H.....7436
Swami Rao, R.....18288	Sykes, F. J.....16518	Tannous, A. I..20077,20476	Taylor, G. M....1555,21521
Swamy, B. G. L.10495,15601	Sykes, G.....15857,26540, 27602,27712	Tanov, E. H.....11133	Taylor, H. B.....24966
Swan, J.....8639	Sykes, J. F....16854,27603	Tanquary, E. W.23588,28281	Taylor, H. C.....18448
Swan, K. D.....27155	Sykes, P.....5182	Tanquary, M. C.....19774	Taylor, H. M.....2964
Swan, R. W.....1651	Sylvester, N. D.....24443	Tantalean, C.....26361	Taylor, H. W.....13977
Swaney, A. G.....17210	Sylvestre, E.....28887	Tapernoux, A.....15190	Taylor, J.....28629
Swanger, C. H.....13774	Sylvestre, F. L.....13720	Tapke, V. F.....6131	Taylor, J. C.....17441
Swank, H. R.....29384	Syme, P. S.....1247,12939, 23587	Tappy, E. P.....21198	Taylor, J. J.....21929
Swank, O. A.....8503	Symonds, W. M. C....19657	Tarabanoff, J.....1732	Taylor, J. S.....20434
Swanson, C. H.....9658	Symontowne, R.....13969	Tarantino, G. B.....7407, 12272,12719,16855, 17193,17348,27793	Taylor, K. S.....16149
Swanson, C. O...4417,24309	Synerholm, M. E.....26533	Tardieu-Blot, M. L.10254-8	Taylor, L. V.....13193
Swanson, D. W. J....12973, 28749	Synge, P.....15341	Tardy, L.....8853	Taylor, M. W.2713-14,2751, 7464,7581
Swanson, E. C.....8821	Synge, R. L. M.....19795	Tariba, J. B.....4418	Taylor, N.....5783
Swanson, F.....13834	Synold, R. E.....17630	Tarnawski.....27967	Taylor, P. R.....4292
Swanson, Mrs. J.....1551	Syversen, C. L.....11746	Tarnutzer, H. A.....7824	Taylor, R. B. C.....23778
Swanson, L. C...7435,11974	Szabó, M.....14188	Tarr, A. F.....27328	Taylor, R. C.....27377
Swanson, R. C.....28256	Szabó, N.....4864	Tarrant, L.....3956,25947	Taylor, R. E....6132,14434
Swanton, M. K.....24965	Szabuniewicz, M.....7392	Tarzwel, C. M.27923,28122	Taylor, R. H.....28257
Swartling, P.....4110	Sze, L. C..20932-4,20958, 21010,23208,23529- 31,26242	Tascher, W. R.....14819	Taylor, R. M.....23350
Swartwout, H. G.....20795	Szeberthy, J.....4795	Tashchev, E.....24812	Taylor, R. W.....24813
Swarup, S. R.....28767	Szechwan Inst. of Agr. Impr., Chengtu, China.... 26025-8	Tashmania. Closer Settle- ment Bd.....19215	Taylor, S. G.....19387
Sweatt, H. B...16663,27236	Szyfres, B.....2816	Tasmania. Dept. of Agr. Agron. Div.....19127	Taylor, T. H. C.....3522
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tabb, W. R.....15130	Tasmania. Statistician.... 23913	Taylor, T. T....778,10240
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Taber, G.....15222	Tasmanian Prod. Organ.... 25013	Taylor, W. P.....19827
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tableman, H. G.....2508	Tassi, L..7130,13768,13778	Taylor, W. R.....3693,5997
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tabor, I.....9354	Tassinari, A. M.....19386	Tchakirian, A.....2519
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tabor, J. E.....15292	Tassinari, G.....9162	Tea Bur., Inc..9987,15191
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tabor, J. E.....15292	Tassinari, R.....17349	Teague, C. E.....326,2571
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tabusso, M. E.....12022	Tata, J. R. D.....25990	Teakle, L. J. H.....2027
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Taccari, I. A.....10664	Tatarinova, L.....26908	Teale, E. W....3109,5303, 22912
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tachibana, S.....6629	Tate, H. D.411,5626,23406	Tease, G. D.....18746
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Taeuber, C.....9101,19969	Tator, S. W....4033,28592	Tebb, C. P.....18245
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Taff, P. C.....5105	Tattersall, A. R.....5302	Tebriaev, I.....4796
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Taft, C. E.....797	Tatto, L.....21042	Technical Assoc. of the Pulp and Paper Indus.... 2206,22152
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Taggart, W. G.....10799	Tatum, E. L.....989,10625	Chem. Methods Com..... 11609-10
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tagle V., I.....2338	Tauber, O. E...17742,27870	Paper Testing Com..11611
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tai, M. C.....6110	Taudière, E....23619,28282	Technical Com. to the President of the Philip- pines.....15144-5
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Talbot, T. J....261,4291, 16231,21244	Taudière, M. E.....12974	Technological Mus., Sydney.....8909-10
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Talbot, G. P.....4032	Taunay, A. de E....19855, 20887	Tedesco, F.....23126
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Talbot, K.....9355	Taussig, S.....22354	Tedrow, J. C. F.....296
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Talbot, M.....23448	Tausson, W. O.....1073	Tedrow, N. P.....15037
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Talbot, M. W...10746,14851	Tavares, C. das N....6012, 26297-8	Teeri, A. E.....20313
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Talbot, R. J. de C...22431	Tavares, H.....25190	Teesdale, L. V.....20112
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Talegón Heras, F....22299,22877	Tavernetti, J. R....15032, 25668	Teeter, H. M.....13874
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Talesara, S. C.....29161	Tavernier, H.....576	Teichmann, E...14551,14611
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tallarico, G....8714,8769, 10716,11114,14030,21287	Tavernier, J.....18509	Teixeira, C.....26154-5
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tama, C.....16577	Tawse, W. J....20858,26714	Teixeira e Silva, H. de M. 13390
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tamayo, A. I.....1282	Taylor, A.....9373,14085	Tejada, L. A.....9210
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690	Tames, C.....1936	Taylor, A. E.....5183	Telford, C. J.....7096
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690		Taylor, A. G.....2927,7580	Telford, H. S.....23304
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690		Taylor, A. M....8384,8854, 18572	Telle.....21818
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690		Taylor, A. R...11743,22885	Telleis.....19128
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690		Taylor, A. W....7638,7640	Telles, A. de Q.....13539
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690		Taylor, B. R....288,18966, 20338	Tempère, G.....7940,12679
Sweden. Lantbrukshögsko- lan. Jordbruksförsöks- anstalten....21078,21690			Temperton, H...17256,17300



Item	Item	Item	Item
Temple, R.....7688	Tharp, M. F.....6583	Thomas, R. P.....21819	Thoroughbred Racing
Templeman, W. G.....6280	Tharp, M. M.....14731	Thomas, S. B.....13420-1,	Assoc. of the U. S.,
Templeton, G. S.....12219-20,	Thatcher, A. E.....26811	18586,28609	Inc.....9969
17501,22004,27746	Thatcher, F. S.....13449	Thomas, W.....6282	Thorp, J.....1794
Templin, S. C.....26810	Thaxter, K.....6134	Thomas, W. A.....28150	Thorp, W. T. S.....3019
Tendeiro, J.....4235	Thayer, C. H.....1793	Thomas, W. J.....9897-9,	Thorpe, C.....5184
Tennhet, J. N.....27924	Thayer, E. N.....8728	29237	Throckmorton, R. I.....1170,
Tennant, J. L.....23798,24636,	Thayer, J. W.....17906	Thomas, W. P.....308,310,24754	21820
24738,25777,25779	Thayer, R. H.....20337,27637	Thomasset, L. F.....4237,13809	Thun, R.....6081,6932,10056
Tenn. Agr. Col. Ext.	Thayer, S.....2587	Thomlinson, J. W.....12555,	Thunell, B.....2113,2142,
Serv.....451,5694-5,9844,	Thaysen, A. C.....5221,9464,	23061	2148,2170,15262
15102-5,20451-4	14636	Thompson, A. H.....28847	Thurber, E.....24968
Tenn. Agr. Expt. Sta.....	Thebis, R.....18247,18253	Thompson, A. R.....5344	Thursby, I. S.....25802
301-2,9738-40,15019-	Theiler, G.....28018	Thompson, A. W.....11941	Thurston, H. W., Jr.....855
20,20341-5,25785-8	Theis, E. R.....15181	Thompson, B. G.....12778	Thwaites, T. W.....1687,9658,
West Tenn. Sta.....25787-8	Theiss, O.....17350	Thompson, C. H.....2064	11076
Teplitz, I.....4236	Theodor, O. H.....23346	Thompson, C. P.....290,3059	Thwing, W.....702
Teran Gomez, L.....14046	Theophilus, D. R.....5492,	Thompson, C. R.....8923	Thwing, W. E.....6584
Tereshtenko, V. J.....19727	20383	Thompson, D. G.....14964	Tichenor, G. H.....3905
Terhune, B.....4034	Theophilus, G.....22554	Thompson, E. C.....20909	Tichhauser, L. A.....22432
Termmer, F.....9211	Theorell, H.....15729	Thompson, E. G.....13607,26600	Tidbury, G. E.....24261
Termohlen, W. D.....4611,	Theriot, I.....10032	Thompson, E. T.....9277	Tidd, J. S.....6082,15461-2
8948,12195,24478	Theron, J. J.....6846	Thompson, E. W.....8741	Tièche, J.....20959
Terning, P. E.....11156	Thery, A.....5817,7969,	Thompson, F. L.....9900	Tiedeman, W. D.....28629
Ternov, A.....23779	12677,12680-1,17962-3	Thompson, H. G. See	Tiedjens, V. A.....2013,6662,
Terneming, G. K.....9114	Theune, J.....1774	Gyle-Thompson, H.	10133
Terra, F.....17107	Theune J., J.....6345,21122	Thompson, H. H.....14968	Tiegs, O. W.....3380
Terradez Rodriguez, J.....	Thibodeau, L. P.....2045	Thompson, J. B.....4304	Tielen.....21056
24345,27466	Thiel, O.....22487	Thompson, J. C.....9979	Tiemann, A.....5772
Terrell, A. C.....8362,13145	Thiery, J. P.....17351	Thompson, J. F.....25101	Tiemann, H. D.....2149,6209,
Terrell, E. L.....9396	Thies, W. H.....5599,21919	Thompson, J. M.....25195	11568,16652,22110,27192
Terrell, M. E.....25079	Thiessen, E. J.....4335,4375	Thompson, J. N.....22620	Tiemann, O. R.....1296,16150,
Terrell, W. G.....20286	Thind, K. S.....16786	Thompson, L. A.....14086	21524
Terrett, J.....17038	Thirumalachar, M. J.....803,	Thompson, L. N.....4612	Tier, J.....2171
Terrill, C. E.....568,2992,	895,6013,10495,	Thompson, M. E.....1652	Tiffany, H.....25203
22836	26285,26299	Thompson, R.....22574	Tigert, J. J.....19658
Terry, G.....6649	Thistle, M. W.....4411,5213,	Thompson, R. A. H.....11496	Tilford, P. E.....856
Terry, H. B.....6441,6649,	13628	Thompson, R. B.....286,13029,	Tilkes, P.....22488
15976	Thom, C.....10039,15410	20337,22612,27638	Tilkin, F.....26654
Terry, J.....600	Thom, C. L.....6819	Thompson, R. C.....6158,16233	Till, W. M.....25063
Terry, M.....27070	Thomann, W.....7670,8504,	Thompson, R. M.....26849	Tiller, W. E.....2134
Terry, W. C.....8260	8535-6,13450,18641	Thompson, S. W.....22516	Tilley, S. R.....21525
Tervet, I. W.....6133,15460,	Thomas, A. D.....27439	Thompson, S. Y.....23988,25095	Tilling, W.....17814
20796	Thomas, A. L.....5459-60	Thompson, T. E.....4238	Tillmann, E.....4675
Teschner, C.....26323	Thomas, A. S.....2207	Thompson, T. G.....20859	Tilt, J.....6284,15801
Tesio, F.....2630	Thomas, B.....7641	Thompson, W.....23062	Timber Devlpmt. Assoc.,
Teske, A. H.....853,11288	Thomas, B. A.....8551	Thompson, W. C.....2928,22621,	Ltd.....15248
Tessier, H.....28473	Thomas, B. B.....7043	22767	Timiriazov, K. A.....20622
Testi, G. D.....26087	Thomas, B. F.....13391,13420	Thompson, W. L.....1075,19100	Timiriazovskaja Sel'sko-
Teter, N. C.....8357,25759-60	Thomas, B. H.....25738	Thompson, W. R.....9974	khovizistvennaja Akade-
Tetiurev, V.....15689	Thomas, C. M.....12273	Thompson, W. W.....11825,15183	mia, Moscow, Nauchnafa
Tetreau, E. D.....25661	Thomas, C. R.....27467	Thomsen, L. C.....4035,5713	Konferentsia.....25236
Teuber E., F. J.....854	Thomas, C. T.....10351	Thomsen, A.....21523	Timler, F. K.....6964
Teunisson, J.....19942	Thomas, E. F.....2655	Thomson, D. K. S.....12682	Timm, A.....24914
Teuscher, H.....1556-7,6582	Thomas, E. P.....9374	Thomson, G. M.....18413	Timmons, J. F.....9259
Tex. Agr. Col.....5265,5327	Thomas, F. C.....20797	Thomson, J.....29162	Timofeev, V.....1126
Ext. Serv.....5696-700,	Thomas, F. L.....7757,17743	Thomson, J. N.....29091	Timofeeva, E.....4798
9845-9,20455,25954	Thomas, G.....18391,21883,	Thomson, J. W., Jr.....5897	Timon-David, J.....8012,8086,
Tex. Agr. Expt. Sta.....232,	27038,27071	Thomson, M. E.....8588	18001
303-8,5337,5556,9741-2,	Thomas, G. S.....21522	Thomson, T.....27250	Timoshenko, V.....3293
15021-4,15780,20346-51,	Thomas, H.....2229	Thomssen, E. G.....17744	Timoshenko, V. P.....5773,
25789-94	Thomas, H. E.....6098,15519	Thone, F.....6661,11075,16254	19727
Spur Substa.....25793	Thomas, H. L.....19067-8,	Thornburn, J. B.....4797	Tincker, M. A. H.....6663
Tex. Baby Chick Assoc.....	24445	Thorfinnson, S. M.....14366	Tindale, G. B.....6083,24262
27713	Thomas, I.....1169,18073,	Thorfinnson, T. S.....14771	Tindale, N. B.....12860
Tex. Bd. of Water En-	21103	Thorgimmon, M. R.....10991	Tindall, C.....1874,1992,
gineers.....27037	Thomas, J.....8220,8356,	Thoria, L.....18747	2444,9069,13030,
Tex. State Bd. for Vocat.	17185,21884	Thornberry, H. H.....930	22590,27072,29261
Agr. Ed.....5327	Thomas, J. E.....1074	Thornburg, M. G.....22268,	Tingley, K. A.....20381
Tex. State Nutr. Council.	Thomas, J. F. H.....26051	28662	Tinline, M. J.....1993
Food Preserv. Com.....546	Thomas, K. M.....16232,16280	Thorne, D. W.....11450,16401,	Tinsley, J.....3347,16301
Textile Res. Inst., Inc.....	Thomas, K. V.....9465	22005	Tinsley, W.....3294
542,26011	Thomas, L. A.....15525	Thorne, R. S. W.....9466	Tint, E.....6135,10134,10372
Thacker, W. C.....28619	Thomas, L. G.....1937	Thorne, F. W.....10992	Tippett, R. J.....27968
Thackrey, J. F.....4886	Thomas, M. D.....5667,5669	Thornton, B. J.....21638	Tippo, O.....16650
Thakurdas, Sir P.....9896,	Thomas, N. J.....1249	Thornton, H. G.....6262	Tipton, A. L.....25014
25990	Thomas, P.....28359	Thornton, H. R.....23889,28650	Tipton, B.....3089,26987
Thalberg, M. D.....20513	Thomas, P. H.....22994	Thornton, N. C.....6283	Tirelli, M.....10325,15293,
Thalman, R. R.....11768	Thomas, P. J.....24967	Thorold, C. A.....1076,20860,	23540
Tharin, R. K.....5155	Thomas, R.....10737,21920	27283	Tischer, R. G.....13268
Tharp, B. C.....5983-4	Thomas, R. G.....21921		



Item	Item	Item	Item
Tischhauser, L. A....2339, 2509,7290,17137,17645	Tomlinson, J. E.....3853	Townsend, J. C.....19952	Trout, G. M.....24039
Tiscornia, J. J.....21554	Tommasi, G.....10045,11686, 15858	Townsend, L. H.....5499	Trout, S. A.....8771
Tisdale, E. W.....21018	Tomme, M.....2445	Townsend, S.....2932,4931, 12369	Trouvelot, B..18075,23199, 28053
Tisdale, W. B.....10373	Tomur, K.....16281	Townsend, T. H.....23678	Trowbridge, E. A....16968, 28913
Tisdale, W. H. J.....3029, 8672,13540,24135	Toner, W.....13354	Townsend, T. L.....4965	Trowbridge, T.....7055
Tisdall, F. F.....26060	Tong, H. K.....9901	Townsley, T. S.13918,28990	Troy, M. A.....22434
Tishchenko, A.....26850	Tongg, R. C.....6585	Towson, A. L.....1938	Truax, H.....8597
Tishchenko, V. V.....1764	Tonini, G.....10717-18	Tozzi, R.....15342,15759, 16282,16475,16590, 19419,24610	Truchy.....9049
Tischen, K.....7825	Tonkin, J...25254,25256-7, 25259-60,25262-3,25462	Trabaud, L.....10994	Trucksis, W.....4741
Tissonnier, J.....21605-6	Tontz, C.....1250,2930-1, 3295-6,3349,10773, 17442,17531,17845, 22770,23095,27714	Trabut, L.....10032	Trudgen, C. E.....12976
Tissot, A. N.....3178,7702	Tooke, F. G. C..2146,12683	Tracy, P. H.....4036,4059, 4135,8552,13451, 28605,28639	True, R. P....15747,26562
Titkov, A.....15615	Toon, W. R.....10993	Trägårdh, I.....23129-30	Trueman, H. L.....14675
Titlestad, N.....21964	Toop, C. R.....22517,23128	Trail, D.....4239,13541, 24446	Trufanov, A. B.....25160
Titus, H.....254,14087, 22899,27260	Topham, P.....24882	Träskman, S.....22771	Truffaut, G.....21677
Titus, I. M.....8442	Topi, N.....23214	Trauernicht, E. C....26813	Truffaut, M. G.....11078
Titus, N.....23127	Topsøe, H.....5752	Traum, J.....11865,17002	Truitt, P. T.....4553
Titus, R. T.....11577	Torgeson, O. W..143,16653, 22114	Trautmann, A...7174,17257, 20554	Trujillo Peluffo, A.12684, 17746,22996
Titze, W.....6776	Torney, J. L...9102,27378	Travancore, Agr. Dept.... 29456	Trummer, A.....11345
Tiürin, I. V.....1795	Torno, J.....22651,23407	Travassos, L...18147,28207	Truscott, J. H. L...13642
Tivol, L. M.....26812	Tornes, W. A...17138,22518	Traves, C. W.....4614	Trusov, V. I.....27284
Tjeder, B.....23558-60	Toronto, Univ. Press. Editorial Off.....5279	Travis, B. V.12734-5,12740	Tryon, H. E...22069,22098
Tobal, M. A.....11497	Torre-Bueno, J. R. de la.. 23408-9	Travis, G. B.....8700	Tsai, H.....26156
Tobey, E. R.....25739	Torre-guitar, C. E....13769	Trayer, G. W.....27205	Tsang, C.....25991
Tobey, J. A.....8505,9467	Torreiro, R.....11769	Treadwell, V. C.7582,13107	Tsang, Z. T.....19101
Tobin, C. W.....18221	Torrejon y Montero, A. de.. 14331-2	Treanor, K.....20272	TSarevskii, A.....16476
Tobin, R. B.....13269	Torrend, C.....6727	Treaster, W. L.....16927	Tschaneff, K. See Chaney, K.
Tobler, F.....26438-9, 26610-12	Torrent, P. B.....22433	Trees, R.....9902	Tseng, C. K.....6304
Tobón Villegas, A....2077, 11077,19388,21185	Torres Filho, A.....1746	Trehan, K. N.....28059	TSikov, D.....15652
Tobón Villegas, A. T..1689	Torres, B. A...18074,23410	Treillard, M.....23341	TSifain, N.....15616
Tocchini, F.....15896	Torres, C. M.....17507	Treitel, O.....10496	TSifain, N. V..20595,26088
Todaro, F.....8673	Torres, H. L.....10394	Trelease, S. F.....29457	TSou, P. W.....25407
Todd, A.....29455	Torres, J. M.....18785	Tremaine, H. M.....4240	Tsu, C. W.....16346
Todd, A. S.....5435	Torres, R.....5237	Tremblay, C. H.....13770	TSvetov, IA.....4932,9213, 24814-15,29217
Todd, F. A....15537,25761	Tórres, V.....24969	Trembley, H. L.....23348	Tu, D. S.....26589
Todd, H. H.....23621	Torres de Mello, A...1733, 17745	Trempel, L. G.....8918	Tuccillo, F. J.....24194
Todd, H. P.....19213	Torres Gaitán, R.....28557	Trendell, M.....18786	Tucker, C. M.....864
Todd, L.....24479,28989	Torres Herrera, J. M.13120	Trenkner.....16154	Tucker, E. M.....6923
Todd, L. O.....19563	Torres J., G. A.....3523	Trentin, A.....10796	Tucker, I. R.....3873
Todd, M. E.....4613	Torres y de Cárdenas, P. R. de.....29170	Tressler, D. K..3957,4376, 5260,8343,8420,8770, 13662-3,23842,23890-1, 24263,28315,29428	Tucker, R.....1150
Todd, V.....12599	Tortorelli, L. A.....962, 11498,16664-5	Trestrail, W. R.....11344	Tucker, R. G.....25425
Todoroff, A.....4466-7	Tostlebe, A. S...47,19902, 29083	Tret'fak, A.....21104	Tucuman, Estación Experi- mental Agrícola....19129, 26730,29013
Töreký, G. de.....9212	Tottenham, C. E.....23215	Tretavon, J. O..5622,9808, 16252	Tucumán, Universidad. Departamento de Investi- gaciones Regionales. Instituto "Miguel Lillo".....20596
Toevs, J. L.....363	Touche, F. de la...12975, 13144,23780	Treuting, W. L.....28447	Tudor, G. R.....27380
Tognazzini, R.....13970	Toulouse, Université. Laboratoire Forestier.... 15323	Treweeke, R. L.....2965	Tüllmann.....16969,19466, 21821,22006,24611,24878
Toledo, A. A. de.....27926	Toumanoff, C.....23347	Trick, W. E.....19498	Tukey, H. B...10497,11079, 26441,26495
Toledo, E.....19465	Tousley, R. D...8686,24172	Triebels, H.....26364	Tulenko, P. Q.....3636
Tolle, C. D.....29427	Toussaint.....14054	Trier, B.....23751	Tuller, Mrs. M. H....20044
Tollefson, V. E.....10823	Touton, J. B.....10436	Trigona, G....14190,18787, 19214	Tullgren, A.....23131
Tolles, N. A.....29095	Towe, L.....3856	Trimberger, G. W.....27379	Tully.....14333
Tolley, H. R...4865,4886, 9521,16315,19402,19969	Tower, E.....11561	Trimble, A. P.....5570-2, 15038-9,15048-50	Tumel, V. F.....20605
Tolman, B.....11289	Towle, D. S...6691,20666, 29392	Trinchieri, G...8140,22995	Tummon, C. R...4136,11849
Tolstikhin, N.....20605	Town and Country Planning Assoc. Conf., London, 1943.....5753	Trinder, N.....7641	Tuohy, E. L.....5222
Tom, R. B.....430	Towne, C. W.....5813	Triola, P. de la...26988, 28848	Tupper-Carey, H. D...2446
Tom, R. C.....2423,7225, 11829,22367-8,22370	Towner, E. B.....12518	Triplet, J. F.24311,28849	Turchin, F. V.....11166-7
Tomalin, T. E.1310,1653-6, 6664-9,11047,15977, 15991,16151-3,16234-5, 21311,21527-8,21607-8, 26715,26851	Townes, H. K.....5407	Tripp, T. A.....29301	Turégano, F. F.11687,24040
Tomes, J. E.....23063	Townes, H. K., Jr...18002	Triviz, A. E.....24652	Turer, J.....13866
Tomertorp, G.....21609	Townley, R. W.....26543	Trocchi, F.....26440	Turevich, E. I.....22269
Tomey, A. F.....2929,7498, 12193-4,22622, 22768,27604	Townsend, C. C.....17677	Troeger, L. E.....29331	Turk, F. A.....7909,23132
Tomhave, A. E.....17631, 19497,25671	Townsend, C. H. S....8280	Troendly, M.....5106	Turk, H.....16330
Tomhave, E. A.....22769		Troll, C.....9163	Turk, K.....18655
Tomhave, W. H.....16926		Tronchet, A.....10135	Turk, K. L...2280,3758-9, 7239,7287,11942, 13461,16970,17089, 22214,24058,27468
Tomkins, R. G.....18847, 24266,28777,28808		Tronson, W.....28240	Turk, L. M.....6956,9688, 21719,27120
Tomlinson, B.....21747		Troshikhin, V. A.....7393	
Tomlinson, F. R.....8436		Troshin, I.....11816	
		Trotter, A.....15195	



Item	Item	Item	Item
Turk, R. D.....5696,12370,17575	Ubertini, G.....7291	Union of South Africa.	U. S. Bur. of the Budget.
Turkey World.....12495	Udalljak, M.....5259	East Coast Fever Comm....	Div. of Admin. Mangt.....
Turley, E. P.....12089	Udol'skiif, D.....17632	23133	15245
Turley, L.....3911	Ueberreiter, O.....22519	Union of South Africa.	U. S. Bur. of the Census..
Turlin, R.....8261,8282	Uganda Protectorate.	Minister for Agr. and	519,531,5022,9274,
Turmel, J. M...6210,10498,10521,10600	Forest Dept.....16720	Forestry.....28713	14367,15202,24447,
Turnbull, R....5304,12456,29218	Uganda. Vet. Dept....22271	U. S. S. R. Glavnoe	25439
Turner, A. J....3603,28208	Ugarte, J.....29049	Upravlenie Agrotekhniki	Business Div.18844,28498
Turner, A. N.....28419	Uhl, C. H.....5928	i Mekhanizatsii Sel'skogo	U. S. Children's Bur.15134
Turner, A. W.....3660,8182	Uhl, H. G....11544,16666-7	Khofizstva.....15200	U. S. Cong. House.....8450
Turner, C. G.....22489	Uhland, R. E.....14919	U. S. S. R. Narodnyi	Committees
Turner, C. N.....28420	Ukers, W. H.....15197	Komissariat Zemledel'ia..	Agriculture..520,9988,
Turner, C. W.....2281,2510,7492,17039,17595,27381,27605,27630	Ukil, A. C.....23800	27796,27844	20503
Turner, D. B.....27927	Ulate, O.....19728	U. S. S. R. Sovet Narod-	Appropriations..666-9,
Turner, D. F.....9468	Ulbricht, E....26439,26613	nykh Komissarov i	5875-6,10057,26115
Turner, E.....12251	Ulbricht, H.....26442	TSK VKP(b)....4866,13926,	Banking and Currency..
Turner, F. N.....19499	Ulendeev, A. I.....7175	18888,28888,29482	5784,5787
Turner, G. E.....23995	Ullitzur, A.....29248	Union Pacific Railroad	Expenditures in the
Turner, H. A.....14731	Ullman, V.....23892	Co. Dept. of Traffic.	Executive Depts.20623
Turner, H. J....3604,8128,28209	Ulloa S., A. G.....9031,20530,29164	Agr. Devlpmt.....15141,	Flood Control.....642
Turner, J.....9050,9356,11943,12251,13179,14191,14472,19389,24739,25015,29163	Ullrich, K.....7352,17139	15198-9,15294	Foreign Aff...521,5757
Turner, J. D.....20285-6	Ulliyett, G. C...3605,12721	United Nations Inform.	Insular Aff.....543
Turner, J. N.....11944	Ulm, K.....11896	Off....517-18,665,5754-5	Interstate and Foreign
Turner, J. R.....12858	Ulrey, O.....29238	Sect. for Inform. on	Com.....5831
Turner, J. S.....6268	Ulrich.....18887,22490	Postwar Reconstr..25992	Irrig. and Reclam.....
Turner, L.....12090	Ulrich, H. P.....14893	United Nations Interim	5863,9903
Turner, N.....19811,22997	Ulrich, R.....10601-2	Comm. on Food and Agr....	Merchant Marine and
Turner, P. E...6847,26666,26943	Ultra-Life Labs., Inc.....15223	14047,14627,14631,	Fisheries.....15203
Turner, R. A....5811,20045	Ulvin, G. B.....28610	14637-8,26114	Public Bldgs. and
Turner, R. G.....12720	Ummen, A. M.....17532	Tech. Com. on Forestry	Grounds.....9921
Turner, R. M....4037,4419,9244,28593,28850	Umoselle, C. A.....2935	and Primary Forest	Rivers and Harbors....
Turney, A. G.....18788	Underhill, G. W.....8129	Prod.....27143	10058
Turney, T. H....11945,27469	Underhill, R. M.....11048	United Nations Relief and	Special Com. on Post-
Turnill, L...2933-4,3825-6,8325-7,12196-7,13108,18363,19500,22623,22772,28389	Underkofler, L. A....8822	Rehabil. Admin..665,25993	war Econ. Policy
Turnill, L. C...6957,7465,12117,17352,22773	Underwood, A.....12198	United Packinghouse	and Planning....25995
Turpin, H. W.14435-6,19659	Underwood, F. L.....3923	Workers of Amer. (CIO).	Special Com. to In-
Turpin, M.....9397	Underwood, J. K.....5985	Res. Dept.....25225	vest. Executive
Turrell, F. M.....15708	Underwood, P. C.....2507	United Planters' Assoc.	Agencies...5785,26029
Turrill, W. B.....19856	Unger, H. F.....24136	of South. India, Coonoor.	Special Com. to In-
Tushniakova, M.....15690	Ungewitter, C.....5874	19255	vest. Food Shortages.
Tustin, E. B.....7131	União dos Lavradores de	United Provs. [India]	4667,5786,8387,
Tustin, E. B., Jr....7132,11850,16971,21961-2,24569	Algodão.....13875	Dept. of Agr.....21286	9950,20531
Tutor, J. M.....24480	Union Catholique des	Dept. of Econ. and	Ways and Means..15142,
Tuttle, A. P.....5607	Cultivateurs (Quebec)....	Statis.....23905	25994
Tweed, I.....20555	24995	United Provs. of Agra	U. S. Cong. Senate. Com.
Twigg-Porter, G.....12520	Union Cotonnière de	and Oudh	Agr. and Forestry...522,
Twin Ports Coop. Dairy	l'Empire Français..9946-8	Bur. of Statis. and	3924,9922
Assoc., Superior, Wis....	Union des Syndicats Agri-	Econ. Res.....13234	Appropriations.....523,
15196	coles Romands.....19877	Dept. of Agr. Agr.	5758,5864,10075
Twinn, C. R....3179,17747,22998,28167	Union of South Africa.	Reorganiz. Com....9949	Banking and Currency....
Twiss, Mrs. W.....12304	Dept. of Agr. and For-	U. S. Armed Forces Inst...9856,26035	9904
Tyacke, R.....8701,8729	estry.....819,893,1138,	U. S. Army. Chief of	Commerce.....643
Tyerman, D.....18414	1647,1657,1809,1834,	Engin.....16477	Ed. and Labor.....25996
Tyler, A. E.....5004,29219	1877,1911,2021,2275,	U. S. Army. Quartermaster	Finance.....9905,9951
Tyler, L. J.....896,26365	2669,2936,3454,3605,	General's Off..5830,24204	Foreign Relat.....644
Tyner, L. E.....15526	4799,6317,6322,6688,	U. S. Army-Navy-Civil	Irrig. and Reclam...645,
Tysdal, H. M.....26146	6846,6928,7114,7133,	Com. on Aircraft Design	15302-3,26097
Tyson, J.....6835,26944	7575,7584,7759-60,8508,	Criteria.....128,138,147,	Judiciary.....5759
Tysowski, J.....22270	8745,8772,8880,8960,	5439-40,9602,9604,	Military Aff.....26116
Ubach, F. A.....2974	9164,11447,11712,12290,	14839,20087,20104	Public Lands and
Uber, E. H.....2715	14436,14514,14538,	U. S. Bur. of Employment	Surveys.....25997
Ubertini, B.....16856	14551,14611,15426,	Security.....20511	Special Com. Invest.
	15884,15976,16248,	U. S. Bur. of Foreign and	the Natl. Defense
	16351,16395,16939,	Dom. Com.....3965,9878,	Program.....20532
	18101,18273,18441,	14015,16698,22999,	Territories and Insular
	18954,21878,21963,	24613,25034	Aff.....670
	22194,22215,25152-3,	Foodstuffs Unit...15201,	U. S. Dept. of Agr..1-215,
	26710,26896,26940,	18844,28498	5329-487,5760,7758,
	26961-2,27103,27112,	Pulp and Paper Unit....	9527-651,14723-958,
	27278,27384,27815,	16700	15780,19879-20241,
	28196-7,28641	U. S. Bur. of Labor	22993,25239-660,
	Com. on Reconstr....4933	Statis.....13,13834,	25690,27969
	Div. of Anim. and Crop	16581,23810,25185	Agr. Adjust. Agency..25-
	Prod.....19102	Employment and Occup.	33,5368-78,7721,9544-
	Div. of Econ. and	Outlook Branch.....4770	50,14743-54,19920-40,
	Markets.....28773	U. S. Bur. of Mines...6923	20444,25275-81
	Div. of Hort.....8961	U. S. Bur. of Reclam.....	South. Div.....19926
		20502,26096	



Item	Item	Item	Item
U. S. Dept. of Agr.--Con- tinued.	U. S. Dept. of Agr.--Con- tinued.	U. S. Dept. of Agr.--Con- tinued.	U. S. Dept. of Agr.--Con- tinued.
Agr. and Indus. Chem., Bur. of.....34-5,2190, 5379,9551-2,14755, 19941-3,25282-5	Ent. and Plant Quar., Bur. of...64-78,5406-14, 9573-80,14788-94, 19996-20007, 25369-79,27925	Forest Serv.--continued. Southwest. Forest and Range Expt. Sta.. 9603,20095	Rural Electrifi. Admin... 102,179,3843,5462-70, 9629,14895-8,20185- 90,25611-22
East. Region. Res. Lab.....9551	Insecticide Div...22982	Tropical Forest Expt. Sta.....25446	Secretary, Off. of...180- 2,5471-2,9630,14899, 14922,20191-200, 25623-7,25640-1
North. Region. Res. Lab..9552,14755,25284	Pacific Coast Region, Off. of.....19997	Graduate School.....148, 14852,25451	See also Budget and Finance, Off. of; Personnel, Off. of; Plant and Operations, Off. of.
Region. Soybean Lab... 25729	Expt. Sta., Off. of...79- 81,9581-2,14795-6, 20008-9,25380-2	Human Nutr. and Home Econ., Bur. of...13,5416- 17,9609,14853-4, 20116,25452	Soil Conserv. Serv...90, 183-203,5473-6, 9631-8,14900-19, 20201-24,25628-39
South. Region. Res. Lab.....19943	Puerto Rico (Maya- guez)....9581-2,14795	Information, Off. of.... 149-53,5445-9, 9610,14855-60, 20117-21,25453-66	Biol. Div.....191
West. Region. Res. Lab.5379,19941,23679, 25285	Ext. Serv...27,32,82-110, 5415-28,7721,9583-8, 14745,14761,14797- 822,19922,20010-48, 25383-413	Interbur. Com. on Post- war Programs...14733-4, 14856,19898,25422	Conserv. Expt. Sta., Bethany, Mo.....22
Agr. Econ., Bur. of...36- 47,87,5380-6,5667, 5669,5672,9055, 9553-61,9742,14756- 73,15020,15026,15119, 15169,19944-70,24044, 24046,24797-8,24833, 25286-338	Farm Credit Admin...111- 13,4007,5429,5761, 9589-91,14823,20042, 20049-53,25414-18	Working Group on Post- war Readjustments in Processing and Mktg. Facilities and Methods.....14734	Coop. Lab., Calif. Inst. of Technol..... 25631
Agr. Statist., Div. of. 18483	Coop. Res. and Serv. Div....112,2009,5429, 9591,25415	Labor, Off. of....20122, 25467	Forestry Div.....191
Div. of Farm Managt. and Costs.....5756	Farm Security Admin...114- 15,4007,5430,9592-3, 14824-5,20054-61, 25419-23	Library..154,9611,15149, 20123-4,25468-71	Irrig. Div....193,1939
Land Econ., Div. of North. Great Plains Region.....14762	Program and Reports Div.....25423	Albuquerque Branch.154	Northwest Appalachian Conserv. Expt. Sta.20
Agr. Res. Admin....48-9, 5387-97,9562-6,14774- 8,19971-4,25339-41	Region V.....20055	Madison Sub-branch.... 25469	Nursery Div.....191
See also Agr. and Indus. Chem., Bur. of; Anim. Indus., Bur. of; Dairy In- dus., Bur. of; Ent. and Plant Quar., Bur. of; Expt. Sta., Off. of; Human Nutr. and Home Econ., Bur. of; Plant Indus., Soils, and Agr. Engin., Bur. of.	Fed. Crop Ins. Corp.116, 9594-7,14826-32, 20062-4	Mktg. Serv., Off. of.... 155-68,3949,5459-60, 9612-24,14861-79, 20125-58,25472-3	Region 5...14919,20211
Anim. Indus., Bur. of... 50-2,565,5398, 14779-85,17421, 19975-7,25342-50	Fiscal and Accounting Officers' Conf.19917-18	Dairy and Poultry Branch.....20140-4	Research-Operations Conf.....200
Path. Div.....11748	Foreign Agr. Relat., Off. of...117-19,4554, 4676,9598-600,14833- 6,20065-77,25424-31	Fruit and Veg. Branch. 9554,9556	Southwest Region..... 14904,20221
Range Livestock Expt. Sta.....14784	Forest Serv.....120-47, 5431-44,9601-8, 14837-51,20078-115, 25432-50,25635	Inspection and Grnd- ing Div.....20125	Upper Miss. Region... 186,5473-4,5476, 9638,14902,14905
Region. Poultry Res. Lab.....25343	Alaska Region.....120	Mktg. Facilities Branch.....14861	Solicitor, Off. of..... 14920-5,20225-7, 25640-2
Budget and Finance, Off. of.....9567,14786,25351	Appalachian Forest Expt. Sta....131,5435	Materials and Facili- ties, Off. of.....20159	Southeast Region Post- War Planning Com..19916
Com. on Definitions of Coarse Fragments in Soils, Glacial Mater., and Land Forms....20174	Calif. Forest and Range Expt. Sta.5434, 14847,14851	Containers and Pack- aging Branch....14956	Supply, Off. of...204-7, 5477-82,9639-43, 14926-50,20228-38, 25643-59
Com. on Natl. Ferti- lizers and Lime Policy. 24	Cent. Forest Expt. Sta.....123	Personnel, Off. of...169- 70,9625,20160-3, 25474-81	War Food Admin...208-15, 5483-7,9644-50, 14920-2,14924,14951- 8,18401,19962,20239- 41,20533,25660
Commod. Credit Corp..53- 9,5399-401,14787, 19978-94,20227, 25352-9	Forest Prod. Lab..121- 2,124,127-30,132, 136,138-41,143,146-7, 5432,5439-40,5443- 4,5461,9601-2,9604, 9606-7,14837,14839, 14843,16668,20080-1, 20085,20087,20090, 20092,20094,20096, 20098-101,20104-9, 20114,20164,25434	Plant and Operations, Off. of.....25482	Dairy and Poultry Branch.....38
Commod. Exch. Authority. 5402,9568-9,19995, 25360-5	Lake States Forest Expt. Sta...142,9608, 20097	Plant Indus., Soils, and Agr. Engin., Bur. of...27,32,171-8,5461, 5520,7721,9626-8, 14745,14790,14794, 14880-93,14976,19922, 20164-76,25483-90, 26081,26086	See also Agr. Adjust. Agency; Commod. Credit Corp.; Commod. Exch. Authority; Distribution, Off. of; Ext. Serv.; Farm Security Admin.; Fed. Crop Ins. Corp.; Mktg. Serv., Off. of; Soil Conserv. Serv.; Supply, Off. of.
Dairy Indus., Bur. of... 60-2,5403-5,9570-1, 25366-8	Northeast. Forest Expt. Sta...137,5442, 25443	Com. on Soil Slope and Soil Erosion Phases.. 25489	U. S. Dept. of Com....8838
Distribution, Off. of... 63,9572	Pacific Northwest Forest and Range Expt. Sta.....133	Dry Land Field Sta.... 20349	U. S. Dept. of Labor
	Rocky Mountain Forest and Range Expt. Sta.....5438	Region. Salinity Lab.. 20169	Div. of Labor Standards. 24676,29458
		Region. Veg. Breeding Lab.....25243	Wage and Hour and Pub. Contracts Divs. Econ. Branch.....544
		Production, Off. of..... 20184	U. S. Dept. of State.5185, 7190,13921
		Prod. and Mktg. Admin... 14894,20177-83, 25491-610	U. S. Dept. of the Interi- or.....15143,15260
			Div. of Inform.....10076



- | Item   | Item  | Item   | Item   |
|--|---|--|--|
| U. S. Dry Land Field Sta.<br>See U. S. Dept. of Agr.,<br>Plant Indus., Soils, and<br>Agr. Engin., Bur. of. | U. S. Tariff Comm. 5761-4,<br>5789-90, 5800-2, 5877-8,<br>15206-7, 19403, 20505-<br>6, 20535, 26117-18    | Uribe Uribe, L. .... 6728                              | Van Arsdale, W. B. 3958, 9515                                  |
| U. S. Embassy, Habana,<br>Cuba. .... 14015, 18771  | U. S. Tenn. Valley Author-<br>ity. .... 8257, 20173,<br>24795-6, 25485                                    | Urquhart, A. R. .... 8640                              | Van Blaricom, L. O. .... 24264                                 |
| U. S. Embassy, Rome. 29064   | Com. on Coop. .... 15304  | Urquhart, B. P. .... 16600                             | Vance, D. A. .... 2179   |
| U. S. Fish and Wildlife<br>Serv. .... 14008, 17501, 20780,<br>29443  | Library. .... 20624   | Urquiza Landaluze, P. 26732                            | Vance, R. B. .... 9277   |
| U. S. Food and Drug<br>Admin. .... 23836   | U. S. Treasury Dept. 15208  | Urquiza Villalba, R. 22900                             | Vance, R. C. .... 13664  |
| U. S. Foreign Econ. Admin.<br>Bur. of Supplies. .... 20569   | Library. .... 9907  | Urruela, R. J. .... 14192                              | Vancheswaran, S. .... 11897                                    |
| Trade Relat. Staff. 5186,<br>9526  | U. S. Trotting Assoc. 17211   | Urschel, W. E. .... 3760                               | Vandamme, P. .... 29080  |
| U. S. Gen. Land Off. 14346,<br>24817, 24865, 25998   | U. S. War Dept. 5756, 5760,<br>9856, 26035  | Ursprung, A. .... 10040                                | Van Deest, S. .... 15183                                       |
| U. S. Geol. Survey. .... 6883,<br>11342, 11346-9, 21871,<br>21879, 27025, 27039-43                         | U. S. War Manpower Comm. ...<br>5765  | Urton, N. R. .... 26866                                | Van Deinse, F. .... 11898                                      |
| U. S. Golf Assoc. Green<br>Sect. .... 20798  | U. S. War Prod. Bd.<br>Bur. of Program and<br>Statis. .... 125  | Uruguay. Dirección de<br>Agronomía. .... 17049         | Vandel, A. .... 28021  |
| U. S. Indian Serv. .... 25635  | Containers Div. .... 15209  | Ushatinskaya, R. S. .... 23134                         | Vandellos Sola, J. A. 26119                                    |
| U. S. Interstate Com.<br>Comm. .... 20533  | Prod. Res. and Devlpmt.<br>Off. of. 127, 136, 14701,<br>20094, 20109, 26011                               | Usinger, R. L. .... 18076                              | Van Deman, R. 15-19, 5363-5,<br>9537-40, 14736-9, 25258-60     |
| U. S. Libr. of Cong. 5328,<br>25167, 29453   | U. S. War Relocation<br>Authority. .... 24852, 24970,<br>25999  | Ussing, H. H. .... 7970                                | VanDemark, N. L. .... 16918                                    |
| Gen. Ref. and Bibliog.<br>Div. .... 657, 671, 5728,<br>9871, 20609   | U. S. War Shipping Admin. ...<br>20536  | Usuell, F. .... 16857-8                                | Vandenbelt, J. M. .... 25161                                   |
| U. S. Livestock Sanit.<br>Assoc. Com. on Laws and<br>Regulat. .... 11770                                   | Food Control Div. .... 26030  | Utah. Agr. Expt. Sta. 308-<br>10, 5557, 9743, 20352-3  | Van den Berg, A. J. .... 19429                                 |
| U. S. Natl. Bur. of<br>Standards. .... 2217, 13423,<br>24448, 24532, 28257                                 | U. S. Weather Bur. .... 25635   | Utah. State Agr. Col.<br>Ext. Serv. .... 25955         | Van den Bruel, W. E. 28098                                     |
| U. S. Natl. Housing<br>Agency. .... 26005  | U. S. Women's Bur. .... 4800,<br>20477  | Faculty Assoc. .... 15233                              | Van de Pas, L. .... 29556                                      |
| Fed. Pub. Housing<br>Authority. .... 9913  | Universidad Nacional de<br>Tucumán. Facultad de<br>Farmacia y Bioquímica. ....<br>19867                   | Uttaman, P. .... 21011                                 | Vanderbilt, A. .... 8473, 19069                                |
| U. S. Natl. Mus. .... 3291   | Università degli Studi,<br>Firenze. Laboratorio<br>di Chimica Agraria e<br>Forestale. .... 9942           | Utter, L. G. .... 23000                                | Vanderford, C. S. .... 15859                                   |
| U. S. Navy Dept. 169, 20597  | R. Università di Bari.<br>Istituto di Ragoneria. ...<br>25978   | Uyeda, S. .... 10797                                   | Vanderford, H. B. .... 6836                                    |
| Bur. of Yards and Docks.<br>20573  | University Col. of Wales,<br>Aberystwyth. Dept. of<br>Agr. Econ. .... 9861, 9892,<br>9897-9, 15131, 25989 | Uys, C. J. .... 7584, 12199,<br>17443, 27715           | Van der Kloot Meijburg,<br>F. L. .... 8736                     |
| U. S. Off. of Defense<br>Transportation. .... 20533  | University of the Wit-<br>watersrand, Johannesburg.<br>24818  | Uzcategui R., L. .... 26031                            | Van der Laat, J. E. .... 1772                                  |
| U. S. Off. of Ed. .... 19575   | Unruh, M. .... 26443  | Vacher, R. .... 9938                                   | Vanderlinden, L. .... 2028,<br>16302-3, 16773,<br>19758, 26999 |
| Div. of Inter-Amer.<br>Ed. Relat. .... 10077   | Unsworth, J. .... 1994  | Vachon, M. 7910-13, 12600-7,<br>28019-20               | Van der Merwe, C. P. 7759-<br>60                               |
| U. S. Off. of Price Admin.<br>5788, 9952, 15204-5,<br>20504, 20515, 26029                                  | Uphof, J. C. .... 11388   | Vageler, P. .... 11215                                 | Van der Merwe, H. J. 22878                                     |
| Dept. of Inform. .... 9953   | Uphof, J. C. T. 1333, 11115   | Vagtborg, H. .... 13031                                | Van der Merwe, J. .... 29429                                   |
| Food Rationing Div. ....<br>18844, 28498   | Upholt, W. M. 18026, 28102,<br>28123  | Vaidya, V. G. .... 6337                                | Vanderplank, F. L. .... 8013-<br>14, 23279                     |
| U. S. Off. of Sci. Res.<br>and Devlpmt. .... 10064   | Uppal, B. N. .... 26383   | Vaidyanathan, P. .... 13206                            | Van der Plank, J. E. 15556                                     |
| U. S. Off. of the Coordi-<br>nator of Inter-Amer.<br>Aff. 2412, 5850, 9906, 21678                          | Upper West Fork Soil<br>Conserv. Dist., Tex. 16519  | Vaidyanathan, S. N. 17040                              | Vandervort, J. .... 12200                                      |
| U. S. Off. of the Surg.<br>Gen. .... 12749   | Upshall, W. H. .... 1370  | Vail, B. B. .... 24195, 28768                          | Vanderwaeren, J. 15870-2,<br>21204-6, 27269-70, 28395          |
| U. S. Off. of War Inform.<br>134, 5189, 15157, 28283   | Upshaw, H. C. 10774-5, 22551  | Vaillancourt, R. .... 27716                            | Van der Walt, S. J. 1690,<br>22570                             |
| U. S. Off. of War Mobili-<br>zation and Reconversion. ...<br>20534   | Upshaw, W. E. .... 8411   | Vaillant, B. .... 8472                                 | Van Deventer, R. L. 11817                                      |
| U. S. Patent Off. .... 1332,<br>6442, 15948, 16155, 21312  | Upton, R. G. .... 28241   | Vainer, I. .... 22161                                  | Vandeweghe, J. .... 28889                                      |
| U. S. President (Franklin<br>D. Roosevelt). .... 14638   | Uranga Loya, A. .... 22126  | Valaer, P. .... 3988                                   | Vandiver, J. S. .... 19660                                     |
| U. S. President (Harry S.<br>Truman). .... 524   | Urbach, C. .... 9984  | Valcárcel, F. F. .... 2341                             | Van Drimmelen, G. C. 12066                                     |
| U. S. Pub. Health Serv. ....<br>28421, 29294   | Urbain, A. .... 14676-7   | Valdés Barry, F. .... 17690                            | Van Dyk, C. J. .... 9215                                       |
| U. S. Social Security<br>Bd. Libr. .... 20487  | Urbiet, F. de. .... 3987  | Valdivia, M. A. 13876, 24449                           | Van Dyke, E. C. .... 17965                                     |
|  | Urdaneta, I. .... 2357  | Valdivia Montañez, M. A. ...<br>9357-8                 | Van Elden, H. .... 1657, 6642                                  |
|  | Urdang, G. .... 9032  | Valdivia Muñoz, V. .... 27285                          | Van Fleet, C. .... 2172  |
|  | Ureta, E. .... 12861  | Valdivieso, N. .... 18531                              | Van Garderen, J. .... 1876-7                                   |
|  | Ureta R., E. .... 3606  | Valducci, V. .... 14437                                | Van Gelder, H. E. .... 1558                                    |
|  | Uri, D. .... 2937, 3827, 7583,<br>12091, 27566  | Valencia M., M. .... 13324                             | Van Gink, C. S. T. .... 27567                                  |
|  | Uri, J. .... 8962   | Valencia, Spain. Cámara<br>Oficial Agrícola. .... 2740 | Van Goidsenhoven, C. 27321                                     |
|  | Uribe, J. A. .... 3090  | Valente, H. M. .... 24182                              | Van Haltern, F. .... 25677                                     |
|  | Uribe B., R. .... 2340, 3030,<br>24359  | Valente, J. S. .... 27525                              | Van Heulen, B. .... 20050                                      |
|  | Uribe G., J. E. .... 16876  | Valentine, F. W. .... 4800                             | Van Hoesen, R. W. .... 27568                                   |
|  | Uribe Ramírez, G. .... 16578  | Valentine, J. M. .... 17964                            | Van Hof, M. .... 1559  |
|  |   | Valenzuela A., V. M. .... 1940                         | Van Holten, P. .... 18832                                      |
|  |   | Valero R., J. .... 1875                                | Van Hoof, L. .... 27321  |
|  |   | Valgren, V. N. .... 4747                               | Van Horn, C. W. .... 20254,<br>20257                           |
|  |   | Vallance, L. G. .... 26989                             | Van Horn, L. .... 4215   |
|  |   | Valle Huaita, C. .... 16478                            | Van-Horne, B. .... 23698                                       |
|  |   | Valle-Rodas, R. .... 21694                             | Van Hovenberg, H. W. 11350                                     |
|  |   | Valleau, W. D. 10374, 21220                            | Van Kleeck, A. .... 20101                                      |
|  |   | Vallega, J. .... 897-9                                 | Van Laere, R. .... 10824                                       |
|  |   | Valleggi, M. 15667, 15916,<br>15949                    | Van Melle, F. J. .... 1524,<br>5986, 16156, 21529, 25204       |
|  |   | Valleio, L. C. .... 18573                              | Van Metre, R. .... 22591                                       |
|  |   | Vallenilla Ramírez, C. ....<br>14368                   | Vannoy, J. .... 20363, 20366,<br>20372                         |
|  |   | Vallés Estruch, J. .... 26643                          | Vannuccini, G. .... 10719-20,<br>18889                         |
|  |   | Vallés Sitges, J. .... 28558                           | Van Pelt, H. D. .... 29483                                     |
|  |   | Vallette, Mrs. C. W. 26814                             | Van Remlar, M. .... 5898                                       |
|  |   | Valley, L. .... 17846                                  | Van Rensburg, J. A. 7133,<br>22215                             |
|  |   | Valroger, P. de. .... 489,<br>14347, 19539             | Van Rensselaer, M. 6586-7,<br>15343                            |
|  |   | Valsechi, O. .... 18532                                | Van Roekel, H. .... 7499                                       |
|  |   | Van Aartsen, J. P. .... 9214                           | VanSant, W. R. .... 2447,<br>7319, 15031, 22355                |
|  |   | Van Allen, P. E. .... 10818                            |  |
|  |   | Van Alstyne, E. K. .... 13613                          |  |
|  |   | Van Amburg, W. .... 6443                               |  |



Item	Item	Item	Item
Van Schaack, G. B....20597	Vélat, P.....22273	Vianello, G.....7500-1,11901,	Vinson, J.....7955
Vanselow.....16601,16859	Veldhuis, M. K....4359,28807	12118,16861-2,17041,	Vinton, C.....13826,24381
Vanselow, K.....5832	Veleff, M.....27440	27441,27526,27640	Virat, B.....27319
Van Sickle, J. V.....5039	Veller, A. A.....12023	Vianna, A.....1734	Virgili, F.....11499,13180
Van Sinderen, A.....14712	Veloz, L. B....2817,13032,	Vianna, A. T.....3060	Virgin, G. I.....1638
Van Someren, E. C. C.23349	27639	Vianna, C. A.....20667	Va. Advisory Leg. Council.
Van Straaten, N. J.....8328	Veloz, R.....26000	Vianna, H.....19828	15263
Van Syckle, C.....25083	Venezia, M.....10857	Viard, R.....15158	Va. Agr. Col. Ext. Div....
Vanterpool, C. T.....10302	Venezuela. Dirección de	Vicente Velasquez, C.29081	453-7,20456
Van Tuyle, H.....18812,24196	Obras de Riego y Carto-	Vicien, J.....19256	Va. Agr. Expt. Sta..231-2,
Van Vlack, C. H.....18319	grafia Nacional.....26098	Vicini, C.....11830	311-12,9747,14891,
Van Vliet, H.....19527	Venezuela. Ministerio de	Vickerman, E.....28991	15025,20173,20354,25485
Van Vuren, J. P. J....1251	Agricultura y Cría.25208,	Vickers, P. T.....27002	Va. Dept. of Agr. and
Van Wagenen, J., Jr..1995	29504	Vickerstaff, S. G.....5107	Immigr.....29459
Van Wyk, H. P. D.....7240	Venezuela. Ministerio de	Vickerstaff, T. G.....24129	Va. Forest Serv.....611
Van Zwaluwenburg, R. H....	Fomento. Dirección Gene-	Vickrey, K. C.....4469	Va. Polytech. Inst..18237,
7971	ral de Estadística...525	Victoria. Soil Conserv.	22169
Varadachari, K.....19468	Venezuela. Ministerio de	Bd.....26093	Va. State Planning Bd.5019
Varela, G.....1796	Sanidad y Asistencia	Victoria. War Agr. Com....	Va. State Soil Conserv.
Varela Barros, L. A..22272	Social. División de	19390	Com.....27052,29510
Varela L., G...1878,21695,	Malariología.....5823	Vidal, A.....24537	Va. Truck Agr. Expt.
21922	Venkata, P. N.....12521	Vidal, I.....11062	Sta.....231-2,25680
Varela Martínez, R....4668,	Venkatachalam, K....16845	Vidal, J. P.....8064	Va. Univ. Ext. Div.5108-9,
18789,20960,21885,24741	Venkatachalam, V....22435	Vidal, M.....22592	14438,14464,24974,29270
Vargas, A.....28809	Venkatakrishnan, G...18813	Viégas, G. P....1735,6730,	Virtanen, A. I.....11181
Vargas, H. J.....13325	Venkatanarusu, G....11967	15802	Virtue, R.....14553
Vargas, L.....18003-5,	Venkataraniah, B. P.16324	Viehoever, A.....14552	Virville, A. D. de...20905
28099	Venkatarangaiah, M...14462	Vieira, L. G.....17091	Vishnevskii, P. P....12274
Vargas, M. J.....8866	Venkatarao, C.....4555	Viel, G..21655,22932,24265	Visnyi, K.....25101
Vargas, R. A. de.....779	Venkatasubramanian, T. A..	Vierheller, A. F.....374-5	Visocchi, V.....20611
Vargas C., C...5987,26181,	24416	Vigil, C. C..4420,15803-4,	Visoku, V. S.....11984
26852	Venkateswarlu, A.....4555	21105	Viswam, E. K.....21043
Vargas C., J. J.....22166	Venkateswarlu, J.....26444	Vignerot, H.....10059	Viswanathan, D. K....8041
Vargas Coto, J.....9322	Venn, H. W. H.....2448	Vignerot.....23716	Viswanathan, G. R....22839
Varier, N. S.....28958	Venner, A. K.....27470	Vignerot, M....14262,24615	Viswanathan, T. K...18790,
Varin, G.....8130	Venturi, F....22986,23216,	Vignolo Lutati, F....26445	18816
Varro.....18006	23305	Viking Fund, Inc....10003	Vitali, G.....21840
Varzea, A.....24535	Venturoli, G.....10721	Viktorov, I. S.....28316	Vitoria, E. R.....6136
Vasconcelos, R.....24536	Venus, C. G.....25046	Viktorov, P. P....4241-2	Vitoria, J. C..24010,28594
Vasey, C. R.....8702	Vera, R. S.....8885	Vila Camacho, A.....21923	Vittorangeli, R.....6884
Vashchenko, E.....22338	Verband Deutscher Land-	Vila Masia, I.....24548	Vitzhum, H. Graf....9970
Vasil'ev, A. S.....3761	wirtschaftlicher Unter-	Vil'chinskii, N.....9516	Vivarelli, L.....21288
Vasil'ev, B. N.....6179	suchungsanstalten...5775	Vilenskii, D. G.....1797	Viveiros, J. de....24538
Vasil'ev, G.....7622	Verbeek, W. A.....7240	Vil'fams, V. R.....10060	Vivian, R. P.....5261
Vass, A.....4994	Vercier, H. J.....10041-2	Viljoen, J. H. B....11902	Vivó, H.....23914
Vass, V. E.....19469	Verdcourt, B.....7703	Viljoen, P. R.....9164	Vivoli, G.....21106
Vassel, B.....26548	Verdecchia, G.....14193	Villanueva, O.....26076	Völker, R.....7394
Vasseur, L.....6588	Verdoorn, F....5858,10136	Villanueva, S. F....28959	Vogel.....18312
Vasudeva, R. S.....20881	Verdoorn, I. C.....15388	Villares, J. B...2413,2512	Vogel, A. R.....16157
Vasumpaur, R.....1560	Verduci, P.....1105	Villee, C. A...3480,18007,	Vogel, H.....12037
Vasumpaur, Mrs. R....1561	Vergani, A. R.....17907	23306	Vogel, K.....16630
Vatter, R.....21530	Verge, J.....11750,11968	Villegas Botero, A....2022	Vogel, M.....9469
Vaugh, M.3784,11224,22216	Verghese, G. T..6729,24487	Villeneuve de Janti, J....	Vogel, O. A.....314,1016
Vaughan, H. D.....29092	Vergnaud, H.....13877-8	8015-16,12722-5	Vogel, W.....18313,23704
Vaughan, R. E.....15109-10	Verhoeff, K. W.....17908	Villforth, F.....18510	Vogl, O.....28435
Vaughan, T. L.....19956	Verma, P. M.....26383	Villiers, A..7947-8,7973,	Vogler.....18791,23751
Vaughn, E. C.....1287	Vermillion, O. W....17525	8065-8,12647,12686-9,	Vogler, J...19070-1,20799,
Vaurabourg.....489	Vt. Agr. Col. Ext. Serv...	12779-82,27856	21957,21971,23217,
Vavich, M.....20253	452,15106-7	Villiers, O. d' H. de.29030	24175-6,24503,24742,
Vavich, M. G.....19796	Vt. Agr. Expt. Sta..9744-6	Villota y D., J.....29165	27286-7
Vawter, L. R.....14991	Vernava, A. D.....14463	Vilmorin, R. de....26460	Vogt, K.....19540
Vayssiere, P...7972,12685,	Vernet, A.....26895	Vincent, E. R. C.....18534	Vogt, W.....1996
23001,27929,28223,29484	Vernet Basualdo, E...11351	Vincent, F. D.....26815	Voigt, C. O.....24346
Vaz, E.....16860	Verney, L.....2449	Vincent, G. P..11612,27237	Voigt, S.....19470
Vaz, Z.....12457	Verrall, A. F.....10375	Vincent, R.....2208	Voisin, M.....13328
Vazquez Ponce, A.....4137,	Verret, L.....1679	Vincent, S.....12522	Volk, A.....6285
4500,8566,13810	Verrier, M. L.....8155-6,	Vincent, V....10722,11168,	Volk, G. W.....1879
Vecchi, A.....12067	12904-5	16236	Volk, N. J.....2029
Vechsler, M. J.24614,25047	Verschaffelt, A.....15295	Vincent, W....13422,24041,	Vollert, H. E.....19829
Vedamani, M. S.....18748	Verwey, W. F.....11900	28630	Vollertsen, J. J....4523,
Veeraraghavan, D....7193	Vestal, A. G.....1127	Vine, V....4934,9216,18439	8888,13879
Vega, T. de.....28851	Vestal, E. F.....6084	Viner, J.....20507	Vollono, A.....15950
Vega Arancibia, F....22553	Vetshchain, F. von...15617	Vinet, A.....25149	Vollrath, H...17445,25807,
Veiga, A. de A.18533,18846	Veizin, C.....18075,23199	Vinet, E.....10603,13326,	25811-13
Veiga, J. S.....2511,16928	Vezzani, V.....8887,11836	13652,20840,21822	Volmerange, R.....26563
Veitch, H. C.....29171	Vial, E. E.....4457	Vining, H. W.....12624	Volobuev, V. R.....11216
Velasco Llano, V.....913	Vial, J. M.....27514	Vining, K. K.....3694	Voloskov, P.....17042
Velasquez Q., J.....2342	Viall, G. M.....9486	Vinnitzky, I. M.....11751	Voloskova, A.....17042
Vélat, F.....11749,11899,		Vinogradova, N. M.....985	Volovich, E.....7826
12353,17576,18364,23589		Vinokurov, K.....19857	Volz, E. C.....21531



Item	Item	Item	Item
Vomsattel, M..7827-8,7874, 9084	Wagner, J. B.2175-6,11579, 16644,22128,27211	Wallace, D. H.....20485	Ward, F. K....15346,15349, 20673
Von Backstrom, U.....27442	Wagner, M.....20800	Wallace, E. ....10996,16159	Ward, F. W.....8237
Von Deible, C. H.....24743	Wagner, P. H.....12940	Wallace, E. R.....901	Ward, G. H.....14038,4615, 13356,13462,24059,24481
Vondell, J. H.....2752,2938, 7439,7585,22774,27569	Wagner, P. M.....20600	Wallace, G. B.....902	Ward, H. W.....22574
Vondracek, J.....22593	Wagner, R. F.....5731	Wallace, H. A..9322,14500, 20509,28442	Ward, J. C.....29460-1
Von Goehde, H. L.....27196	Wagner, V. J.....1941	Wallace, H. M.....21969	Ward, J. D.....4946
Von Maltitz, L.....12275	Wagner, W. H., Jr....26251	Wallace, H. S.....14554	Ward, J. D. U.....21045
Von Roeder, R. J., Jr..... 11818	Wagnon, K. A....2532,7176, 22275	Wallace, J. M.....10138	Ward, J. R.....25893
Von Rosenberg, H. J..12201	Wagoner, J. F.....4696	Wallace, M. M.....902	Ward, K. M.....10606
Vorhies, C. T.....20251	Wahl, H. A.....703	Wallace, P. P.....15531	Ward, L. R.....26001
Vorkampff-Laue.....20906	Wahlberg, H. E.....20882	Wallace, R. H..704-5,10139	Ward, R.....3481
Vormfelde, K.....23632	Wahlgren, E.....23510	Wallace, T.....636,1078	Ward, R. A.....8675
Vorontsov, A. I.....10326	Wahnon, J. S.....13329	Wallach, J. B.....3899	Ward, S. J.....13408
Voroshilov, V. N....26243	Waibel, L.....20508	Wallenfeldt, E.15111,17071	Ward, T. K.....13811
Vorshreiter, L.....5833,9993	Wain, J. L.....6740	Waller, A. G.....9701	Ward, W. B.....9786
Voss, J. G.....13452	Wainwright, C. J.....3110	Waller, D., Jr.....12523	Ward, W. F.....229
Voth, P. D.....10604	Waite, A. M.....24657	Waller, E. F....452,12120, 20309,20311	Wardlaw, C. W.14639,15602, 20935-6
Vowles, N.....16403	Waite, H. L.....20591	Waller, M.....14243	Wards, H. C. A.....6444
Vranian, H.....16669	Waite, W. C.255,3925,23858	Walley, G. S.....12804	Ward's Nat. Sci. Estab., Inc.....26057
Vrooman, L.....23857	Wakaruk, N.....19391	Wallach, H. C.....19729	Ware, C. F.....26032
Vsesoiuznaya Akademika Sel'skokhoziaistvennykh Nauk im. V. I. Lenina.... 10052	Wakefield, A. B.....2065	Wallin, B.....2572	Ware, F.....17043
Vsesoiuznoe Agrono- micheskoe Soveshchanie, 1945.....4867	Wakeland, C.....3623	Wallin, E. W.....22788	Ware, H. G.....2940,14465, 17446,25944
Vsesoiuznyy Nauchno- issledovatel'skiy In- stitut Sakharovoy Promyshlennosti....20598	Wakeman, T. J.....12977	Wallis, G. A.....1942	Ware, L. M.....9657,16404
Vsesoiuznyy Nauchno- issledovatel'skiy In- stitut Sveklovichnogo Polevidstva.....20599	Wakeman, S. A.10137,15721, 15730,20657,26914	Walls, E. P.....1737,13660	Ware Bros. Co.....25233
Vysheleasskiy, S. N...11752	Walberg, A. O.....2282	Walmsley, L.....20718	Warfield, J. D., Jr..13972
Wachs, N.....27930	Waldee, E. L.....26372	Walp, R. L.....6286	Warlar, U. A.....20674
Wachtel, J. L.....10647	Waldeen, H. T.....4421	Walrath, A. J.....19970	Warmke, H. E.....15618
Wacker, H.....5814	Waldner, C.....3298	Walrath, E. K.....10709	Warne, W. E.....15311,16480
Wackerman, A. E.....16626	Waldron, L. R.....13686	Walrath, F. J.....15103	Warner, C.....17353
Waddell, E.....14595	Waldron, L. R.....13686	Walsh, C. L.....24137	Warner, E. A.....22492
Waddell, M. B..23350,28124	Walford, S. M.....2818	Walsh, G. B.....3524,3546	Warner, J. D.....25672
Waddington, F. G.....12024	Walford-Lloyd, E. See Lloyd, E. W.	Walsh, J. T.....15183	Warner, J. N.....11947
Wade, E. F.....28561	Walkden, A.....16158	Walsh, R. M.....19073	Warner, K. F..14819,19886, 20047
Wade, G. C.....900	Walkden, H. H.....27912	Walsh, R. S.....7876	Warner, O.....8474
Wade, H. S.....1297	Walker, A. G.....15527	Walsh, T.....1079,1775, 10605,11403	Warner, O. F.....3181
Wade, J. R.....13033	Walker, A. H.....16237	Walton, A. W.....22662	Warner, R. C.....24414
Wadham, S. M.....1997,5766	Walker, C.....9822-3,9825-6, 25825	Walton, E. D.....15714	Warr, H. J.....7829
Wadhams, N. K.....13453	Walker, C. R.....17815	Walton, F.....23915	Warren, B. C. S.....18148
Wadleigh, C. B.....15082-4	Walker, E. A..374-5,15528	Walton, H.....26399	Warren, C. H.....26107
Wadley, F. M.....9579	Walker, E. D.....25727	Walton, H. E.....18638	Warren, D.....94
Wadsworth, C. K.....1077	Walker, E. H.....20597,20672	Walters, C. S.....11545	Warren, D. C..12072,22681, 23570
Wadsworth, F. H....1128-9, 10665-6	Walker, F. T.....19072	Walters, D. V.1943-6,16479	Warren, D. E....9773,17092
Wadsworth, H. I.....5262	Walker, G. H.....8421	Walters, F. R.....19242	Warren, E. de.....14194
Wadsworth, R. V.....12458	Walker, H. R..37,1141,8227	Walters, F. W.....6590	Warren, E. N. S.....18736
Wadsworth, W. R.....24081	Walker, H. R..37,1141,8227	Walters, M. M.....26896	Warren, G. L..14821,29333
Waechter, H. von....24819	Walker, J.....6885	Walters, T. G..1661,19661, 22356,26645	Warren, M. A.....27044
Wahner, E.....7875	Walker, J. C....6161,6165, 10360,10378,20878,21012	Walton, C. J.....18078	Warren, S. W.....3695
Wafer, A. E.....22775	Walker, J. E.....21123	Walton, G. P...18893,28853	Warrington, S. T.3837,9591
Wagenaar, M.....16310	Walker, J. F....5815,17541	Walton, J.....5305	Wartenberg, H.....21013
Wagener, K.....20557	Walker, J. P.....16929	Walton, L. S.....23623	Warwick, E. J.....7665
Wagenknecht Huss, R..12726	Walker, M. A.....1736	Walton, R. B.15006,28224-5	Warwick, J. H.....13146
Wager, H. G...18847,24266, 28808	Walker, M. H.....28750	Walworth, G....18602,19412	Wasfi, M.....23307
Wager, J. A.....1891	Walker, M. N.....1660,6085	Wamble, A. C....4556,18256	Washburn, B. E.....24971
Wager, J. V. K.....16722	Walker, M. V.....18077	Wambeganss, M. E.....18749	Washburn, L. E..2423,7225, 22368,22370
Wager, V. A.....1892,6151, 8772,10377,20870	Walker, R.....2716,8506, 13330,13355	Wanamaker, J. F.....23319	Washburn, R. G...276,7118, 7124,7126
Waggett, G.....13542	Walker, R. H.....10776	Wand, R. B.....2114	Wash. Agr. Expt. Sta..313, 9748-9,15026-7,19503, 20355-8,20459
Wagle, R. F.....16723	Walker, R. K.....26644	Wander, I. W...15691,21341	Washington (D. C.) Bridle Trails Assoc.....5806
Wagley, J. F.....4524	Walker, V. N.....1563	Wang, H. R.....907	Wash. State Col. Engin. Expt. Sta...13114 Ext. Serv.....458-65, 5701-6,9850,15026, 20457-67,25956-7
Wagner, C. F.....17258	Walker, W. L.....8703	Wang, Y. M.....3381	Wash. State Dept. of Agr.....20459
Wagner, G.....23002	Walker, W. P.....20291-3	Wanner, H.....15692	Wash. State Planning Council.....18422
	Walker, W. W.....17646	Wannop, A. R..3674,11688, 18793	
	Walkof, C.....16418	War Agr. Com. of Australia.....19392	
	Wall, G. M....4293,4326, 6589,8704,10995, 11431,18792,24177, 27504,28441,28751	War Serv. Program. Pa.... 26089	
	Wall, J. F.....17155	Warcollier.....13592	
	Wall, N. J.....14047	Ward, A. L.4244,4557,4719, 8674,24839,29172	
	Wall, P. F.....11290	Ward, C. A.....4005	
	Wallace, B. A.....8823	Ward, C. F.....1393	
	Wallace, C. R.....12690	Ward, F. G.....1564,2939, 7502,19103,27717	
	Wallace, D.....9908		



Item	Item	Item	Item
Wash. Wheat Growers League, Walla Walla, Wash.....15210	Weaver, S.....16255	Weischer, F.....2514,7293, 7395,22277,22571	West, T. F.....3182
Wasley, W. L.....7044	Webb, A.....3300,23064	Weiser, H. H.....4066	West, W. J.....28317
Wasmuth, G. V..470-4,20469	Webb, Mrs. A.....18639	Weiss, H. B..5306,12386-7, 17678,27860-2	West of Scotland Agr. Col.....4294,3347
Wasser, C. H.....21187	Webb, A. H.....23948	Weitz, J.....24616	W. Va. Agr. Col. Ext. Serv.....466-77,5707-8, 9851-2,15108,20468-71, 22776,25958-62
Wasserman, J. W.....15556	Webb, B. H.....28647	Weizmann, C.....15732	W. Va. Agr. Expt. Sta..... 5558-60,9750,20468
Wasson, R. A.....11432	Webb, C. G.....1253,1999, 22816	Welch, A.....5860,26366	W. Va. Dept. of Agr..... 21938-9,22776,24061-2, 24457,24504-5
Watanabe, Y.....27718	Webb, E. A.....27826	Welch, C. L.....19830	Westberg, J.....2944
Watanabe, Y. A.....27719	Webb, G.....11390,21748-9, 21886,26885,27845	Welch, F.....8553	Westbrook, E. C.....4245, 8677,11291,28716
Waterman, A. M.....903	Webb, J. E.....23308	Welch, F. J.....8262,8676, 14987,20298	Westbrook, F.....2173
Waterman, W. C.....1947	Webb, J. V.....14819	Welch, H.....2822,7294, 7642,12025,13194,17045, 17577,22683,28391	Westbrook, F. A.....7092
Waters, L. E.....4294,8743	Webb, R. A.....25072	Well, J. T.....10141	Westby, L. A.....27073
Waters, L. L.....18415	Webb, R. J.....9669	Weldon, R. L..11613,22153	Westcott, C.....3183,7761, 20801,20861
Waters, N. F.....2819-20, 7440-1,22624,22682	Webb, R. M.....22276	Weldon, V.....9450	Wester, R. E.....6648
Watkins, B. O.....18392	Webb, R. W.....20157	Wellck, A. A.....17533,22801	Westerfeld, W. W.....19797
Watkins, J. M...1252,21057	Webb, W. H..17493-4,22800	Wellch, M.....19555	Western, L. G.....19104
Watkins, J. V..21538,26816	Webber, H. J.....10327	Wellington, R.....1371-3, 21344	Western Australia. Statistician's Off.18491, 25048
Watkins, V.....25257	Webber, M.....1662	Wellman, F. L.....4697	Western Coop. Spray Project.....27931
Watkins, W. E.....15731	Webber, Mrs. M. J...21539	Wells, F.....9918	Western Coop. Spray Project Conf.....23003
Watkins, W. F.....21937	Weber, A. D..2450-3,11822, 27288	Wells, H. W.....14263	Western Livestock Rptr.... 27335
Watlington, J. R.....1171	Weber, C. W.....4045,18587	Wells, J. B...6591,16161, 26818	Westfall, M. J., Jr..28242
Watson, A. J...8944,24470	Weber, E. D.....24199	Wells, L. T.....24482	Westfall, W.....17259-60
Watson, C.....2513	Weber, G. M.....28769	Wells, O. V...14773,19948	Westhoff, V.....15380
Watson, D. J.....6379	Weber, G. W.....18814	Wells, R. S.....17448	Westinghouse Elect. Corp.....28422
Watson, D. M.....29393	Weber, H. L.....16160	Wells, S. D.....7084	Westling, L. L.....19730
Watson, Sir H.....2078	Weber, Mrs. K.....1565	Wells, W. G.....1894	Weston, C.....18149
Watson, I.....2994,18932	Weber, N. M...1893,10819, 10997	Wellstein, C.....7878	Weston, H.....8384
Watson, J.....1998	Weber, P.....21107	Wellwood, R. M.....8539	Weston, H. E.....11614
Watson, J. A. S.....5263, 8855,23624	Weber, W.....7627	Welsh, J. L.....18890	Weston, T. A...1567,10999, 16162
Watson, J. R...5280,8131, 10398,17748,23511,28226	Weberbauer, A.....26157	Welsh Plant Breeding Sta., Aberystwyth.....21058	Weston, T. A., Jr..4698
Watson, L. R.....3299	Webster, B. C.....24060	Wendelnuth, G.....9981	Weston, W. A. R. D...860, 905,6132,6138, 10379,20862
Watson, M. A...920-1,4525, 8856-7,18979,24382	Webster, C. B.....11391	Wendt, G. von.....2284	Westover, H. L.....19896
Watson, R. B.....28125	Webster, C. C.....16283	Wenger, R. D.....2975	Westphalen-Lemaitre, J.... 9947
Watson, R. D.904,6137,6166	Webster, C. F.....5703	Wenholz, H.....24450	Westrup.....24506
Watson, R. H.....3020	Webster, C. M.....526	Weniger, D.....12862	Westwood, R.....26679
Watson, S.....7222,13270	Webster, F. G.....16516	Went, F. W...10608,11050, 21014	Wetmore, A.....15311
Watson, S. J.....14612	Webster, F. H.....18449	Wentworth, E. N.....5813, 7651,17596	Wetmore, L. S.....10858
Watson, S. S.....14612	Webster, H. H.....780	Wentworth, W. A.....4039	Wettstein, F. von.....26507
Watson, W.....26300	Webster, H. N..6014,11049	Wenzel, F. W., Jr...4378	See also Vetschain, F. von.
Watson, W. P...2433,7235, 12320,22357	Webster, J. D.....3482	Wenzel, L. K...21871,27025	Wetzel.....21841
Watt, B. K.....9470	Webster, R. L.....5702	Wergin, W.....26418	Wetzel, A.....21696
Watt, J.....14555	Webster, W.....22436	Werneck, F. L.....18190-1	Wetzel, G. F...3696,8283, 13053,18248,23625,28284
Watt, J. H.....21342	Wechsler, H. I.....18008	Werner, A. W.....9954	Wetzel, J. H.....12941
Watt, R. D.....11389	Weck,.....6312,10667	Werner, C. F.....2717	Wetzel, O.....10142
Watts, C. E.....6731	Weckel, K. G.....9471	Werner, G.....25963	Wetzel, P.....2718
Watts, F. E.....15159	Weckslar, A. N.....9375	Wernin, G. M...6347,11938, 15113	Wetzsteon, M.....25938
Watts, L. F...6965,15311	Weddell, J. A.....3437	Wertheim, I...17847,23096	Weyant, Z. H.....8451
Watts, M. T...10140,20669, 20719	Wedderburn, J. S.....9902	Wert, V. R...14195,18471	Weyer, F.....12750
Watts, P. S.....15687	Wedmore, E. B.....27970	Wery, G.....26120	Weygand, J. L.....12744
Watts, W. S.....24178	Weeden, V. W...1566,10998	Wesley, W. K.....8069	Whaley, S. A.....24347
Waugh, F. V...3900,4886, 18603	Weedon, V.....23590	Wesselmann, R.....17156	Whalin, O. L.....29166
Waxman, Z. A.....1773	Weeks, R. P.....3607	Wessels, A. L.....12729	Whalley, M. E.....545
Way, C.....7292	Weeks, W.....28435	West, C. H.....21542	Wharton, G. W.....23135
Way, G. S.....2283	Wegener, V. E.....9217	West, G.....19153	Wharton, W. P.....15311
Wazir, V. L.....4470	Weger, W.....2943	West, J.....527	Wheatland Conserv. Expt. Sta.....5545
Weast, C. A.....4377	Wegmann, F.....3352,7877	West, J. R.....2966	Wheatley, W.....22951
Weatherburn, M. W...18666	Wehe, R. A.....8358	West, O.....26400	Wheaton, W. L. C.....5053
Weatherby, C. A...10259, 26252	Wehnelt, B.....5859		Wheeler, C. M..12911,18182
Weatherby, H...26564,29050	Wehrle, L. P.....20251		
Weatherwax, P.....20659	Wehrwein, G. S.....2066		
Weaver, A. D..13665,13827, 13973,23705,28360	Weibel, R. O.....25731		
Weaver, C. W.....11819	Weick, L..1663,21540,26817		
Weaver, D. S...8357,9815, 13034	Weidemann, A. G.....9688		
Weaver, E.....9687	Weidenhofer, K.....18535		
Weaver, J. E.....10607	Weidmann, U.....12332		
Weaver, L. A...3091,7671, 22861	Weigelsperg di Canova, F.. 16643		
Weaver, L. E..2821,2941-2, 11451,12314,28390	Weigert, H. W.....5875		
Weaver, L. O.....25948	Weill, C. A.....9376		
	Weill, F. J.....5767		
	Weillenmann, H.....7830		
	Weinard, F. F.....21541		
	Weinhausen, K.....22008		
	Weir, T. S...15992,21343		
	Weirether, F. J.....17044		
	Weis, H.....21200		
	Weis, V.....17117		



- | Item                         | Item                        | Item                        | Item                           |
|------------------------------|-----------------------------|-----------------------------|--------------------------------|
| Wheeler, D. H.....8892       | Whitehead, E. I.....11104,  | Wiesmann, R.....7974        | Williams, A. G.....27635       |
| Wheeler, E. H.....12783,     | 21025                       | Wisting, C. G.....21544     | Williams, A. W.....27242       |
| 12863, 20327                 | Whitehead, F. E.....15006,  | Wieting, C. M.....5156      | Williams, B. H.....1798        |
| Wheeler, G.....3608          | 28224-5                     | Wigan, F.....13403, 18574,  | Williams, C.....13404          |
| Wheeler, H. G.....28257      | Whitehead, H. R.....24042   | 23979                       | Williams, C. B.....14640,      |
| Wheeler, H. H.....27289      | Whitehead, J.....706, 16163 | Wiggins.....4801            | 17749, 23512-13                |
| Wheeler, H. M.....15603      | Whitehead, S.....12727      | Wiggins, A. H.....10668     | Williams, C. E.....22320       |
| Wheeler, J. T.....5110       | Whitehead, S. B.1374, 1570, | Wiggins, F. H.....28318     | Williams, C. H. B....26667     |
| Wheeler, L. A.....119        | 11000-1, 16164-6, 20802,    | Wiggins, M. C.....5589      | Williams, C. O.....5768, 24973 |
| Wheeler, L. R.....3609       | 21543, 23136, 26819, 27971  | Wigglesworth, V. B....3184, | Williams, C. R.....3484        |
| Wheeler, S. C.....27100      | Whitehouse, E.....26246     | 27863, 28151                | Williams, D. A..1027, 10552    |
| Wheeler, S. S.....5561       | Whitehouse, F...2358, 24972 | Wight, A. E....11877, 11903 | Williams, D. C.....445         |
| Wheeler, W.....6994          | Whitehouse, W. E.....935    | Wight, D.....28914          | Williams, E.....428            |
| Wheeler, W. A..4638, 13927,  | Whiteley, G....12073, 17261 | Wightman, A. J.....3610     | Williams, E. G.....20727       |
| 19907                        | Whiteman, R.....1254, 8599  | Wightman, E. T.....27720    | Williams, Mrs. E. M..13078     |
| Wheeler, W. J.....11902      | Whiteman, T. M.....1080     | Wightman, R....10778, 21940 | Williams, E. V..8509, 8555,    |
| Whelon, R. N.....781         | Whiteside, A. G. O....20846 | Wigsten, F. M.....13054     | 13405, 23893, 28466-7          |
| Whelan, D. B.....5625        | Whiteside, E. P.....5522    | Wildakas, W.....1172, 3611  | Williams, E. W..3912, 9277,    |
| Whelan, L. A....11116, 11292 | Whitfield, W. R.....23719   | Wiklander, L.....11169      | 23894, 24483, 28443, 28508     |
| Wherry, E. T.1568-9, 10260,  | Whitford, A. C.....13543,   | Wilbur, D. A.....18150      | Williams, F. B.....12203       |
| 16256, 26244-5, 26253        | 24138, 28717                | Wilbur, J. C.....14854      | Williams, F. M.....4738        |
| Whetzel, H. H..15411, 15463  | Whiting, A. G.....10520     | Wilby, F. W.....4091        | Williams, F. S.15898, 26681    |
| Whewell, C. S.....3750       | Whiting, A. R...3483, 18094 | Wilcox, B.....9323          | Williams, F. X.....18095       |
| Whiffen, A. J.....26535      | Whiting, G.....22154        | Wilcox, C.....8437          | Williams, G. A..7321, 27443    |
| Whippen, N. F.....14466      | Whitlock, H. G.....27846    | Wilcox, E. B.....5262       | Williams, G. H...3357, 7880    |
| Whipple, C. E.....20476      | Whitlock, J. H.....22278,   | Wilcox, H.....27570         | Williams, G. P.....3768        |
| Whisnant, M. N....325, 328   | 22840                       | Wilcox, J.....8018          | Williams, G. T..7442, 7587,    |
| Whistler, N. K.....23626     | Whitlock, M. C.....20396    | Wilcox, J. C.....11452      | 12074, 12204, 17449, 22626-    |
| Whitacre, J.....232          | Whitlock, R.....28465       | Wilcox, M. S...13629, 24208 | 7, 22777, 27571, 27721         |
| Whitacre, W. R.....23828     | Whitlow, H. M.....5223      | Wilcox, M. T.....25768      | Williams, H. E.20567, 22642    |
| Whitaker, A. P.....20510     | Whitmore, R....27743, 28890 | Wilcox, R. H..9670, 14971,  | Williams, I.....1395           |
| Whitaker, T. W.....10380     | Whitnall, A. B. M....23137  | 25819, 25823                | Williams, J. L..3439, 3989,    |
| Whitcher, E. J.....18343     | Whitney, D. J...1334, 3661, | Wilcox, R. S.....16167      | 21345                          |
| Whitcomb, L. R.....351       | 7046, 10777, 18751, 21289   | Wilcox, W. W.....8705       | Williams, L.....10160          |
| Whitcomb, W. D.....23004     | Whitsey, F.....26680        | Wilcoxson, L. S....11615    | Williams, L. F.25729, 26659    |
| White, A.....19798           | Whitson, A. B.....9510      | Wild, A. S.....18249        | Williams, L. O.....1573        |
| White, A. H....7320, 17093,  | Whitson, D.....22652        | Wilde, E. I.....25775       | Williams, M. D.....3031        |
| 28640                        | Whitt, D. M.....22          | Wilde, J. K. H.....2515     | Williams, O. B.....9848        |
| White, B.....13217           | Whittaker, C. W....26984    | Wilde, S. A.....1880        | Williams, P. C.....4639        |
| White, C.....1394, 14264     | Whitten, L. K.....12276     | Wildemann.....7831, 7879    | Williams, P. F.....27762       |
| White, C. J.....6592         | Whitten, R. R.....20007     | Wildeman, O. H. M....22199  | Williams, P. M..3905, 4295,    |
| White, C. L.....24348        | Whittenberger, R. T...6305  | Wildner, R. M.....25130     | 4327, 8706, 9535               |
| White, C. M.....27932        | Whittet, J. N.....1255-6    | Wildman, J. D.....13392     | Williams, R.....23829          |
| White, C. T.....728, 1664,   | Whittier, E. O.....5397     | Wildman, S. G.....28995     | Williams, R. C..6167, 20879    |
| 6693, 10241, 21639           | Whittle, C. A.....4868      | Wildon, C. E...1571-2, 6086 | Williams, R. H.....11540       |
| White, D. G.....21679        | Whittleston, W. G..3763-4,  | Wileman, R. H.....3765-7,   | Williams, R. J.....5827,       |
| White, E. G.....27298        | 8263                        | 18290-1                     | 25080, 25177                   |
| White, G.....8949            | Whittum, R. B.....19471     | Wiley, J. R.....2823        | Williams, R. W.....22386       |
| White, G. E. M.....8678      | Whympier, R.....13974       | Wiley, L. E.....7496        | Williams, S.....18752          |
| White, G. T.....17147        | Wiancko, A. T.....14893     | Wilford, B. H.....11566     | Williams, T.....14189,         |
| White, H. B.....28340        | Wiant, J. S...20863, 28764  | Wilford, E. J.....15058     | 26994, 29167                   |
| White, H. C.....27003        | Wibel, N. E.....1665        | Wilhelm, A. F.....23005     | Williams, T. L.11294, 24761    |
| White, H. E.....6287         | Wichers, H. E.....3797      | Wilhelm, L. A.....365       | Williams, W. C.....3042        |
| White, H. F....16405, 26992  | Wichmann, H.....5834        | Wilken, C. H.....16482      | Williams, W. K.14819, 19897    |
| White, H. H.....11948        | Wichmann, H. J.13189, 13195 | Wilkes, M.....21545         | Williams, W. O.....10648       |
| White, H. O.....8963         | Wickard, C. R..180-2, 3901, | Wilkie, J. B.....29430      | Williams, W. L.7365, 14679,    |
| White, J. C. D.....25102     | 5471-2, 8394, 14899,        | Wilkins, H.....23065        | 22279                          |
| White, J. G., Engin.         | 15311, 18660                | Wilkins, P. C.....9591      | Williams, W. R. L....3697      |
| Corp., New York....20625     | Wickham, R. D.....21245     | Wilkins, W. B.....7093      | Williamson, A.....9447         |
| White, J. E.....17994        | Wicki, F. J.....11117       | Wilkinson, A. E..349, 28402 | Williamson, A. C....24653      |
| White, J. W...11293, 25769   | Wickizer, V. D.....13717    | Wilkinson, C. A.....22574   | Williamson, A. H.2115, 6966    |
| White, J. W., Jr....19116,   | Wicks, A. T.....1666, 6594  | Wilkinson, E. H.....906     | Williamson, F..11531, 22300    |
| 24485                        | Wicks, H. N.....18848       | Wilkinson, E. M.....3959    | Williamson, H. F....4616,      |
| White, N. H.....15529-30     | Wickware, A. B.....7503     | Wilkinson, F. W.....8508    | 5281, 28992                    |
| White, P. R.....6152         | Widder, C. O...18613, 28631 | Wilkinson, J. F.....21640   | Williamson, H. H....20048,     |
| White, R. C.....5111         | Widdowson, E. M.....5249    | Wilkinson, R. E.....26367   | 25408                          |
| White, R. F.....3702         | Widic, F. J.....7056        | Wilkinson, W. L.....16972   | Williamson, J. F.....17162     |
| White, R. G.....16540        | Widmer, M.....8507, 12305,  | Will, A.....17502, 22802    | Williamson, J. T.1881, 6380    |
| White, R. M.....23532        | 13544                       | Willahan, L. T..4422, 20074 | Williamson, R. V.....29038     |
| White, R. O.....998          | Widmer-Möslle, U.....3354   | Willaine, G.....13975       | Williamson, T.....4892         |
| White, R. P.....4699, 6593   | Wiebe, G. A.....729, 10514  | Willaman, J. J.....19116    | Williamson, W. C.....23753     |
| White, V. M.....9472         | Wieder, S.....20559         | Willard, C. L.....14682     | Willies, J. S.....22778        |
| White, W. H...5395-6, 9005,  | Wiederhold, E...5227, 5252, | Willard, J.....7652, 17597  | Willikens, W.....24744         |
| 9564, 9580, 13828,           | 5264                        | Willard, J. A.....2124      | Williner, G. J.....3637-8,     |
| 1781b, 25261, 28943          | Wiegand, E. H..8715, 24206, | Willcox, O. W..21823, 26993 | 12906, 23561                   |
| White Gold Angora Rabbit     | 24267, 25765                | Wille, J.....26303          | Willis, A. C.....5188          |
| Farms.....17495              | Wiener, S.....9426          | Wille, J. E.....12784       | Willis, J. H.....782-3         |
| White House Conf. on         | Wienhaus, H.....7067        | Wille, R.....11820, 17046   | Willis, J. R.....2573          |
| Rural Ed.....5768            | Wiesehuegel, E. G....27144  | Willham, O. S....289, 3041  | Willis, L. G.....2023          |
|                              |                             |                             | Willis, P. S.....3905          |



Item	Item	Item	Item
Willis, R.....4328	Wilson, W. C.....16169	Wisely, K. C.....25081	Wood, Mrs. P.....27723
Willitts, B.....23754	Wilson, W. K...12221,17503	Wiseman, H.....20247-9	Wood, P. M.....4068
Willman, J. P....3021,3032	Wilson, W. O....2754,17450	Wiser, D. R.....15464	Wood, S.....19701
Willoughby, C. H....22358	Wilson, W. T.....14963	Wiseman, C. L., Jr..7504,	Wood, S. F.....8070
Willoughby, L. E...5591-2,	Wilster, G. H.5674-5,8510,	28022	Wood, W. W.....21550
6837	9732,13357	Wissler, C.....2359	Woodard, E. M...1667,20425
Wills, E. P.....20670	Wiltse, E.....21547	Wister, J. C.....6598	Woodard, G.....17140
Wills, J. A.....22099	Wiltse, M. W.....12372	Withers, D. F.....24139	Woodburn, R.....1748,6848,
Wills, J. E.....25819	Wiltshire, E. P.....7704,	Withers, J. C.....8679	6917-18
Wills, J. M.....26733	12865-6,23514-15,28210	Withrow, A. P....1081,6290	Woodcock, W. H.....17542
Wills, L.....25163	Wimmer, F. E.....10011	Witkus, E. R...10499,20937	Woodhill, A. R.....23332
Wills, N. R.....14265	Wimmer, G.....6254	Witman, E. D.....23006	Woodhouse, W. W., Jr..9725
Wills, R. B....20512,27216	Winders, C. W.....26646	Witney, D.....19541	Woodin, R. J...22301,27847
Wills, R. N.....11821	Windt, P.....15693	Witachi, F.....3298	Woodland, H.....27572
Willson, H. F....8707,8730	Winfield, M. E.....21026	Witt.....13109	Woodman, A. G.....3301
Wilmanns, W.....502	Wing, C.....4935	Witt, L.....11353	Woodman, L. H.....3382
Wilmore, S.....1574	Wing, D. C.....19662	Witt, L. W.....14697	Woodmansee, C. W....9665
Wilmot, J.....546	Wingate, I. B.....20539	Witt, P. R., Jr....18891	Woodroffe, F. B.....1580,
Wilmot, J. S.....601	Wingo, T. R.....4329	Witte, J.....7178	11004,21551-2
Wilsdon, B. H.....28719	Winiger, A.....6288	Witte, P.....7599	Woodroof, J. G.....9666,
Wilsie, C. P....9674,15860	Winiger, J.....12524,27972	Witter, J. E.....27812	14968,20270-1,23895,
Wilsmore, T. G.....14289	Wink, A. T.....25772	Wittner.....19287,19472	24269,28319
Wilson, A.....14055	Winkelried Bertoni, A. de.	Wittmer, W.....12691	Woodruff, L....9807,20405
Wilson, A. M...449-50,9843	22280,23533	Wittrock, G. L..6599,16238	Woodruff, L. L.....19858
Wilson, A. R.....15483	Winkler, A.....7832	Wittwer, S. H...1776,5527,	Woods, A. F.....9506
Wilson, C.....6130,6139	Winkler, A. J.....10648	6260,9694,14613	Woods, F. L.....19105
Wilson, C. A.....18045	Winkler, C. B.....6597	Witz, R. L.....3828	Woods, F. M.....2574
Wilson, C. E.....28116	Winkler, H....1638,26446,	Witzel, S. A....3838,5715,	Woods, J. A.....2024,11404
Wilson, C. M.....10043	26536	25965,28341	Woods, J. B.....11500
Wilson, C. V....5560,27794	Winkler, O.....6313,7025	Witzleben, A. von...8412,	Woods, J. J.....8708
Wilson, D.....4246,8264	Winkler, W. O.....28563	16973,24365	Woodside, J.....2360
Wilson, E.....2045,2967	Winner, E. B....5616,17413	Wobst, A.....6989	Woodside, V...11616,16701,
Wilson, E. O. G.....15239	Winnigstedt.....4869	Wodehouse, R. P.....637	27239
Wilson, E. E.....20864	Winogradsky, H.....15733	Wöhlibier.....11690	Woodson, R. E., Jr...20720
Wilson, F.....3185,17750	Winokur, M.....6289	Woermann, E.....13771	Woodward, C. H.....5899
Wilson, F. D....7295,12205	Winslow, C. P..11578,20114	Wofford, K. V.....5768	Woodward, H. C.....12038
Wilson, F. G.....2066	Winston, J. J.....29051	Woglum, R. C.....15465	Woodward, H. R...707,6015,
Wilson, F. L.....4067	Winter, A. R.....22665	Woglum, R. S...18079,26324	12692,19663
Wilson, F. R.....5016	Winter, E. T...11352,12978	Wohl, M. G.....5828	Woodward, L.....1949
Wilson, G.....26002	Winter, J. C.....18430	Wohlfarth, E.....16618	Woodward, L. A.....20212
Wilson, G. F....3612,8019,	Winter, J. D....861,3960,	Wokes, F.....26549	Woodward, L. H.....6381
27933	13608,24268	Wolback, S. B.....14556	Woodward, R. S.....11051
Wilson, G. S...13196,23980	Winter, T. S.....23066	Wolberg, F. B....315,7241,	Woodward, R. W.....6338
Wilson, H. F....3525,17817	Wintermeyer, W. E...14819	20461	Woodward, T. E.....7134
Wilson, H. G.....12703-4,	Winters, J. C.....5224	Wolcott, G. N..3639,11567,	Woodworth, C. M....14974,
12715	Winters, R. P.....28621	28243	25715,25729
Wilson, H. K.....1691	Winters, S. R.....18753	Wolcott, L.....5040	Woofter, T. J.....9277
Wilson, H. L.....62	Winton, A. L.....602	Wolf, A. M.....27382	Woolbert, R. G.....5769
Wilson, H. Van P...1575-7,	Winton, K. B.....602	Wolf, F. A....10440,15411	Woolcot, C.....18450
6595-6,11002,16166,21546	Wiprud, A. C.....9909	Wolf, J. Z.....23990-1	Woolley, J. C...6886,16520,
Wilson, I.....2753	Wirén, E.....23218	Wolf, W.....6211	21924,27075
Wilson, J. B....3698,3785,	Wirka, R. M.....146	Wolfe, E.....8950	Woolfe, D. T.....22520
11689,14501,27074,28562	Wirt, G. H.....2097,11541	Wolfe, H. S.....21680	Woollatt, L. H.....18096
Wilson, J. D..10328,12448,	Wirth, D.....7177	Wolfe, J. M.....2719	Woolley, D. W.....25164
22990	Wirth, E. D.....27988	Wolfenbarger, D. O...26158	Woolley, F.....21681
Wilson, J. E.....22684	Wirth, W. W.....28100	Wolff, E.4936,16711,17301,	Wooten, H. H.....29220
Wilson, J. F...4247,12306,	Wirtz, P. C.....4617	18365,18795,19473	Wooten, J.....10738
28720	Wischer, M.....18956	Wolford, E. R.....8773	Wooten, W. A.....4248
Wilson, J. K....9720,25757	Wis. Agr. Col. Ext.	Wolfsohn, J. D.....15311	Worcester, C.....9593,
Wilson, J. L...17094,29120	Serv.....478,5709,9853,	Wolman, I. J.....9473	20061,25421
Wilson, J. O....2056,2090,	15109-13,25963	Womacks, Mrs. P. C....5157	Worden, A. N.....7672
22070	Wis. Agr. Expt. Sta.14900,	Womersley, J. R....24088,	Worden, F.....577
Wilson, K....8329-30,19765	15028,20201,25628	28288	Work, P.....4296,26854
Wilson, K. H.....12864	Hancock Expt. Farm..5473	Wood, A. F.....8215	Working, E. J.....3926
Wilson, L. P.....8020	Wis. Conserv. Comm...14641	Wood, A. M....14467,19700	Workman, H. M.....4423
Wilson, L. T.....22387	Wis. State Med. Soc.	Wood, B.....28564-5	World Trade Alliance
Wilson, L. V.....11904	Com. on Health and Pub.	Wood, C. W..1578-9,6600-1,	Assoc.....497
Wilson, M.....14800	Instr.....18209	11003,16170-2,	World's Poultry Sci.
Wilson, M. L.110,487,5282,	Wis. Univ.....121-2,124,	21548-9,26820	Assoc.....19878
9389,19908,20476,	127-30,132,136,138-41,	Wood, E. G.....8390	Worley, S. L.....4937
25262,25409,27722	143,146-7,5432,5439-	Wood, F. L.....2755,3186	Worley, W. J.....11591
Wilson, P. W.....16305	40,5443-4,9602,9604,	Wood, F. W....17646,18606,	Wormald, H.....10381
Wilson, R. B.....29286	9606-7,14837,14839,	28636	Wormell, R. L.....4558
Wilson, R. C.....24866	20080-1,20085,20087,	Wood, G. K.....16483	Worner, W. J.....11949
Wilson, R. V.....18460	20090,20092,20094,	Wood, I. D.....20060	Worh, A.....3302,12525,
Wilson, R. W.....17818,	20096,20098-101,	Wood, J. G.....15734	23067
22388,27290	20104-9,20114	Wood, K.....3187,7353,	Worth, C. B.....659
Wilson, S. E..7057-8,16670	Col. of Agr.....5408	22803,26687	Worth, H.....18754
Wilson, S. G.....27444	Wise, L. E.....27238	Wood, M. A.....217	Worthington, J..7588,8331,
Wilson, T. I.....6907	Wisecup, C. B..12751,28126		18366,19702,27641



Item	Item	Item	Item
Wouters.....14696	Yackulic, G. A....914,4379-80,4802,18656,21682	Young, V. M.....8709	Zevitas, E. J.....26822
Woytinsky, W. S.....20511	Yaglan, A.....26601	Young, W.....12307,14196,18933	Zeyher.....16579
Wragg, G.....19664	Yalman, A. E.....9324	Young, W. R.....1950	Zhdanov, P. R.....28752
Wragge Morley, B. D....8087	Yang, C. F.....15805,16239	Youngman, W. H.....5861	Zhdanova, L. P.....6291
Wray, D. L.....23562,28244	Yang, H. P.....14439,20476	Youngs, R.....2722,2945	Zhebrak, A. R.....26159
Wray, F. C.....18046	Yanovsky, J.....6382	Ysaia, E.....14502	Zhirkova, Z. E.....7299
Wray, F. E.....2720-1	Yantis, H.....18657	Yu, T. F.....907,10382,20749,26368	Zhukova, N. N.....8042
Wreath, G.....22891	Yarham, E. R....2079,11502,22503,29302	Yuan, M. C.....28722	Zhuravlev, E.....16775
Wright, A.....9255,23007	Yarian, N. C.....5900	Yuill, J. S.....17971	Zhuravleva, A.....2025
Wright, A. C. S.....26921	Yarmolinsky, H.....5259	Yum, K. S.....24755	Zhurbin, A. I.....26537
Wright, D. E.....13709	Yarnell, S. H....232,21313,26726	Yuncker, T. G.....10167	Zibecchi, R. A.....14290
Wright, E. B.....23896	Yarnham, E. R.....22534	Yung, F. D.....265-6,5532	Zich, G.....8333
Wright, F. W.....17413	Yates, F.....17534	Yungclas, W. H.....18934	Zich, G. E.....4619,12206
Wright, H.....2361	Yates, P. L.....5732,20476	Yunus, M.....23499	Zick, W. J.....7762
Wright, H. J.....1738,6732	Yaukey, J. B.....14401		Ziegler, C. E.....3769
Wright, H. V.....11005	Yaukey, J. E.....25422		Ziegler, H.....16864
Wright, J. G....7296,11905,22088	Yeager, A. F.....15513		Ziegler, P. R.....3770
Wright, J. S.....3699	Yeager, J. F..12867,23516,23534		Ziegler, P. T.....3054
Wright, J. W.....4249	Yearwood, R. D. E...4643,4669-70,19147		Zielinski, A.....7392
Wright, K. E.....1082	Yeates, C.....7332		Zieman, Mrs. L. H.....2985
Wright, K. T....25897,25905	Yeates, F. G.....1581		Ziemann, H.....14440
Wright, L. B.....9910	Yeates, N. T. M.....2792		Ziener, G. L.....21887
Wright, M.....708,18164,23563	Yeatman, F. W.....9533		Zieske, G. R.....20803
Wright, M. M.....17302	Yee, J. Y.....2017,6936		Zietzschmann, O.7397,15216
Wright, N. C.....4415	Yegian, H. M.....9680		Zillgitt, W. M....142,21047
Wright, P.....6454,13545	Yeomans, W. H. S.....7589		Zimmer, E.....1024
Wright, P. A.....4471	Yerkes, G. E....14732,14880		Zimmer, O.....15749
Wright, P. H.....709,3303,6140,6602,9165,15978,17820-1,27973-4,27989	Yerxa, C.....12459		Zimmerle, H.....10669,22071
Wright, R.....1524,10143	Yerxa, C. W.....23517		Zimmerley, H. H.....232
Wright, R. C.....22521	Yeu, F.....27320		Zimmerman, A. F.....9218
Wright, R. E....5337,25789	Ying, E. M.....23219		Zimmerman, C.....4297
Wright, T. G.....16642	Yisraelit, H.....3547		Zimmerman, C. C.....20476
Wright, W. D.....26121	Yiars, F.....8511		Zimmerman, E. C.....17967
Wright, W. H.....23336	Yocum, L. E.....15297		Zimmerman, E. W.....16643
Wu, C. H.....24297,25128	Yoder, R. E....5542-3,9728,20439		Zimmerman, H. F.....28611
Wu, T. T.....20749	Yoffe, I.....6419		Zimmerman, L. A.....26647
Wünscher, F.....14468	Yohe, B. S....22818,28721		Zimmerman, M. M.....23801
Würmli, G.....7833	Yolton, L. A.....147		Zimmerman, O.....7615
Wunderlich, F.....4720	York, C.....9902		Zimmerman, P. W.....26497,26533
Wunsch, J. K.....862	York, C. M.....24198		Zimmerman-Gris, S....18849
Wurst, W. F.....16774	Yörük, S.....15885		Zimmermann, A.....26402
Wurtz, A.....26270	Yoselof, T.....15224		Zimmermann, K.....15310
Wurtz, W. E.....28435	Yost, H. E.....19996		Zimpel, L.....17262
Wyant, R.....3304	Yost, L. M.....27217		Zingg, A. W.....22
Wyatt, C. E.....20167	Youshtsky, M. J.....2108		Zink, E.....10607
Wyatt, F. A....11178,16322,21733,26906	Youll, J. G.....27045		Zinke, P. J.....27189
Wyckoff, R. W. G.....6167,20879	Youmans, J. B.....9474		Zinn, H. J.....26058
Wygant, N. D.....20002	Young, A....4618,4938,5158,14266,19528,29221		Zippora, S.....6676
Wygodzinsky, P.3640,18053,18059,18183-4,28152	Young, C. G.....9051		Zito, F.....15916,15930,15951-2,15996,19062,19074,21290
Wyker, J. D.....19665	Young, D. M.....16755		Zogg, H.....6016,21015
Wyckoff, M. H.....22522	Young, E. R.....5594,9795		Zollinger, F.....17047
Wylid, J. T.....26945	Young, F. G.....2468,3003		Zon, R.....11630,27251
Wyllie, C. E....2454,2575,8332,9739,19019	Young, F. W.....7248		Zonal'nyi Institut
Wyllie, J.....28362	Young, G. A....10629,26821		Zernovogo Khozfaistva
Wyllie, K. H.....19393	Young, G. E.....20474		Raionov Nechernozemnoy
Wyllie, L. J.....203	Young, G. M.....28629		Polosy.....20593
Wyllie, N.....11501	Young, G. Y.....28820		Zorilla, M.....5237
Wyllie, W. J.....28392	Young, H. C.....5414,15466		Zorn, W.....11691,12373
Wyman, D..710,6603-4,11006	Young, H. N.....14088		Zotikov, V. E.....4250
Wyman, O. L....15065,25892	Young, J. A....11950,13928		Zotov, V. V.....26728
Wyman, W. D.....5816	Young, J. E.....26325		Zottner.....2343
Wynn, R. S.....17735	Young, J. W.....21188		Zottu, P. D.....27205
Wynter-Blyth, M. A.18151-2	Young, L.....11007		Zucchini, M.....11217
Wyo. Agr. Col. Ext. Serv.....9854	Young, L. C.....16540		Zucker, I.....19667
Wyo. Agr. Expt. Sta.5561-2,9751,25795	Young, M. D.....18010		Zuev, N.....4381
Wyo. Univ.....5968-70	Young, M. L....1257-8,1298,2414,5029,9260,17822,23755,29462,29494		Zukel, J. W.....18047
Wyse-Gardner, C.....15296,26090-1	Young, M. T.....23411		Zukier, A.....8216
Wyssmann, E...7179,7297-8,7643	Young, N. R.....28663		Zumbro, P.....27724
Xandri Tagüña, J. M.21713	Young, P. A.....26855		Zumbro, P. B.....2824
Xolocotzi, E. H.....26196	Young, P. F.....3700		Zumpt, F.....8043,12728,18048
	Young, P. T.....19760		Zumsteg, D. H.....29394
	Young, R. A.....21683		Zundel, G. L....6017,15558
	Young, R. S.....7047		ZurBurg, F. W.....21633
	Young, S. H. A.....2192		Zuroske, C. H....4298,4472,14089,28753
	Young, T.....15224		Zviaginsev, S. N....28127
	Young, V. A.....1692,15861		Zweifel, H.....24179
			Zweigler.....18935
			Zwirn, H. E.....26302



- | Item                                | Item   | Item                            | Item                            |
|-------------------------------------|--|---------------------------------|---------------------------------|
| Abaca.....8623,9565,10734,<br>18686 | Acarina.....77,9970,17735,<br>17849,23111    | Achorutes armatus....28244      | Advertising--Continued.         |
| diseases.....6673                   | Endeostigmata.....12576                      | Achras zapota. <u>See</u>       | <u>See also subhead market-</u> |
| Abaeletes. <u>See</u> Aelestes      | <u>See also common group</u>                 | Sapodilla. 3526                 | <u>ing under names of</u>       |
| (Abaeletes) n. sgen.                | names and names of                           | Acidophilus milk.....7267       | commodities.                    |
| Abies alba. <u>See</u> Fir,         | suborders, families,                         | Acidosis.....14510              | Aechmea.....5978                |
| silver.                             | and genera.                                  | Acids.....2001,13899,21964      | Aechmea anomala n. sp.....      |
| Abies amabilis. <u>See</u> Fir,     | Acarospora.....15405                         | effect on plants....1077        | 15385                           |
| Cascades.                           | Acarus siro.....23109                        | in food preservation....        | Aecidium.....26277              |
| Abies balsamea. <u>See</u> Fir,     | Accidents.....145,3645,<br>3647-8,3651,3657, | 5778                            | Aecidium evansii.....20743      |
| Balsam.                             | 7033,8173,8176,                              | in plants.....24393             | Aedemon n. g.....3603           |
| Abies magnifica. <u>See</u> Fir,    | 11557,12922,12926,                           | <u>See also names of acids.</u> | Aedes.....8039,18017            |
| red..                               | 12929,12931-4,12939,                         | Acmaeodera.....17965            | and disease.....23341           |
| Abies nebrodensis...26126,          | 12941,14738,14740,                           | Acmaeops marginata...12638      | control.....12745               |
| 26151                               | 14742,15102,15157,                           | Acoelius pyrrhia n. sp....      | scutellaris group..28121        |
| Abies procera. <u>See</u> Fir,      | 18193,18202,18207,                           | 3526                            | Aedes aegypti.....3486,         |
| noble.                              | 18209,19967,20078,                           | Aconitic acid..19132,29009      | 12744,28123                     |
| Abilene & South. Railway            | 20187,20198,23580,                           | Aconitum.....5964,26243         | and disease..3489,12750,        |
| Co.....25640                        | 23590,25472,25476,                           | Acorns, as feed                 | 18013,23350                     |
| Ablattaria laevigata..7915          | 25617,28251                                  | for ducks.....27600             | larvae.....23328,28105          |
| Abnormalities and deform-           | forest...2123,7033,20113                     | for swine.....12324             | Aedes atropalpus                |
| ities. <u>See</u> Creeper fowls;    | France.....12914                             | Acosmeryx.....12818             | rearing and breeding....        |
| <u>subhead abnormalities</u>        | legislation.....12914                        | Acrididae.....18161             | 23348                           |
| <u>under Insects; and sub-</u>      | prevention...2154,3654,                      | Argentina.....12878             | Aedes geoskusea.....22906       |
| <u>head anomalies under</u>         | 8171-2,8177,8180,                            | Canada, Alberta....23532        | Aedes hensilli n. sp..3488      |
| Livestock, Plants,                  | 12915-16,12919,                              | <u>See also Grasshoppers</u>    | Aedes paullusi n. sp.....       |
| names of animals and                | 12927-8,12935,18194,                         | and locusts; and names          | 28121                           |
| plants.                             | 18239,23578,23588,                           | of families and genera.         | Aedes pulchritarsis..23342      |
| Abortion                            | 28281  | Acridine.....28120              | Aedes scutellaris horres-       |
| in cattle.....17009                 | study and teaching....                       | Acridine orange.....17540       | cens.....22906                  |
| in horses. <u>See</u> Sal-          | 18208  | Acrolepia assectella.....       | Aedes simpsoni.....23330        |
| monella abortivoce-                 | Uruguay.....28254                            | 3591,27888                      | Aedomyia catasticta..22906      |
| quina.                              | Accola spinosa.....17863                     | Acronycta.....18142             | Aegeria culiciformis.12810      |
| in sheep.....17570                  | Accounting...4939,4942-3,                    | Actia.....1724                  | Aegle marmelos.....15700        |
| Abortion, contagious. <u>See</u>    | 14900,24820,25217                            | Actinidia.....10187,26414       | Aegyptianella pullorum....      |
| Brucellosis.                        | Argentina.....19476                          | Actinidia chinensis..6185,      | 23098                           |
| Abronia.....26207                   | bibliographies..19917-18                     | 15707                           | Aelestes (Abaeletes) n.         |
| Abscesses                           | China.....9891                               | Actinidiaceae.....26414         | sgen.....28030                  |
| in cattle.....27419                 | Eire.....14273                               | Actinobacillosis                | Aeolothrips.....18176           |
| in horses.....11987                 | France.....14269                             | in cattle.....11864             | Aerangis rhodosticta.16144      |
| Absorptiometer.....16301            | Great Britain.....14272,                     | Actinobacillus actinoides       | Aerides lawrenceae...15997      |
| Abutilon.10728,26810,28931          | 15137  | in cattle.....27406             | Aero Defoliant.....1173         |
| Abutilon chingma....28931           | U. S. S. R.....19284                         | Actinomyces.....6922            | Aerobacter.....5503             |
| Abutilon theophrasti. <u>See</u>    | <u>See also Budgets; Farms</u>               | Actinomyces griseus..15721      | Aeroplankton...3111,12388,      |
| Abutilon, chingma.                  | and farming, records;                        | Actinomyces ipomeae             | 17679                           |
| Acacia.....6218,10241,              | <u>and under specific sub-</u>               | on sweetpotato.....904          | Aerosols.....3129,5391,         |
| 21419,24371,26184                   | jects.                                       | Actinomyces lavendulae....      | 7752,12412,12715,               |
| pests.....23401                     | Acantropus niveus...12854                    | 15730                           | 12740,12758,22992,              |
| Acacia, babul.....21043             | Acer palmatum. <u>See</u> Maple,             | Actinomycetaceae.....26271      | 28111                           |
| Acacia, blackgreen-wattle.          | Japanese.                                    | on potato.....9744              | tests.....12394,12437,          |
| 16594                               | Acer pseudoplatanus. <u>See</u>              | Actinomycetaceae.....15721      | 12450                           |
| Acacia, greenwattle...1115          | Maple, planetree.                            | Actinomyces.....2316            | Aeschna grandis.....12873       |
| Acacia arabica. <u>See</u>          | Acerentulus confinis                         | in cattle.....7263,11864        | Aesculaceae.....10233           |
| Acacia, babul.                      | exiguus n. var.....8146                      | therapy.....22417               | Aesculus hippocastanum.         |
| Acacia decurrens mollis.            | Aceria.....28003                             | Adonis.....11863                | <u>See</u> Horse chestnut.      |
| <u>See</u> Acacia, blackgreen-      | Acerulopsora n. g....6013                    | Acunasus n. g.....23362         | Afforestation. <u>See</u> Re-   |
| wattle; Acacia, green-              | Acetic acid.....27204                        | Addison, Lord.....19799         | forestation.                    |
| wattle.                             | Acetonemia                                   | Adeniana.....8068               | African horse sickness.         |
| Acacia negra.....21034              | in cattle...2502-3,7273,                     | Adenitis, equine. <u>See</u>    | <u>See</u> Horse sickness,      |
| Acanthaspis.....12780               | 22411,25858                                  | Strangles.                      | African.                        |
| Acantholoma Stål. <u>See</u>        | in goats.....22837                           | Adhesives..2170,2213,7051,      | African Vet. Training           |
| Acantholomidea n. n.                | Acetylcholins.....17121                      | 7092,14839,16692                | Centre, Sangalo, North          |
| Acantholomidea n. n...3516          | Acetylene.....10833                          | resin.....141                   | Kavirondo, Kenya...22448        |
| Acanthomiota n. g....23428          | Achaea janata.....18140                      | synthetic resin...16668         | African-violet. <u>See</u>      |
| Acanthoscelides obtectus..          | Achard, Franz Karl...19847                   | <u>See also</u> Glue.           | Saintpaulia.                    |
| 3406                                | Acherontia.....12818                         | Adobe, bibliographies..178      | Agabus.....23184                |
| larvae.....12649                    | Acherontia atropos...17758                   | Adonis autumnalis...11706       | Agaeocera.....17965             |
| Acanthus.....10974                  | Acherontides n. g....28231                   | Adrenalin.....15241             | Agalactia, contagious....       |
| Acarapis woodi...3228,3264,         | Acherontiella.....28231                      | effect on plants....6247        | 17571                           |
| 3298,7782,12461,                    | Acheta domestica...12875-6                   | Adrianol.....22557              | Agar.....11087,16265            |
| 12524,23043,27938,                  | Achillea tomentosa aurea..                   | Adutural Agr. Res. Sta.,        | <u>See also</u> Corn-meal agar. |
| 27942,27959                         | 1441   | Tanjore District, India..       | Agar-agar.....6304,6720,        |
| Acaridae.....23100                  | Achimenes.....10969                          | 19801                           | 6727,26149                      |
| populations.....3377                | Achlya flavicornis...3549                    | Advertising.....5115,5147,      | Agaricaceae.....26433           |
| <u>See also names of</u>            | Achnanthes.....20739                         | 13793,14751,18651               | Agave.....21363                 |
| genera.                             |  |                                 | diseases.....20810              |

1/ The index for the December issue is combined with the index for the volume. The indexes for Nos. 1-5, vol. 7, may be discarded.



- | <u>Item</u>                       | <u>Item</u>                               | <u>Item</u>                  | <u>Item</u>                |
|-----------------------------------|---|------------------------------|----------------------------|
| Agave--Continued.                 | Agricultural products.....                | Agriculture--Continued.      | Agriculture--Continued.    |
| honey plant.....3188              | 20191, 25429                              | Africa..511, 14139, 14159,   | Cuba...4708, 11200, 14015, |
| <u>See also</u> Henequen;         | Africa..13180, 14326, 20508               | 20508                        | 14154, 24723               |
| Sisal.                            | Argentina...24709, 28432,                 | Alabama.....327              | Denmark.....5752, 14482,   |
| Agelenopsis.....12586             | 28494                                     | Aleutian Islands...9107      | 19334, 19346, 29065,       |
| Ageratum.....26787                | Asia.....20480                            | Algeria.....14101, 19320     | 29142, 29161               |
| Ageronia.....23487                | Australia...13206, 23903,                 | Arabia.....24737, 29149      | Dominican Republic..9132,  |
| Aglesia.....26218                 | 24575, 25013, 28436                       | Arctic regions.....9138      | 14153                      |
| Aglaopa infausta.....3579,        | Baltic States.....15117                   | Argentina...4845-6, 9033,    | Ecuador.....647, 29134     |
| 23478                             | bibliographies.....15308                  | 9889, 10126, 14096,          | Pichincha Province....     |
| Agonum longiventris..12655        | Borneo.....8372                           | 14111, 14116, 14166,         | 19178                      |
| Agrarian reform. <u>See</u> Land, | Brazil.....9048, 13198,                   | 19296, 19328-9, 19367,       | Egypt.....4830, 14126      |
| reform.                           | 18410, 19175, 24530,                      | 19369, 19815, 24709,         | Eire.....4834, 24721       |
| Agrarian systems. <u>See</u>      | 29054                                     | 24727, 26118, 29499          | El Salvador.....9906       |
| Land, tenure.                     | British Malaya....13171                   | Paraná Delta.....19327       | Eritrea.....14107-4        |
| Agreements. <u>See</u> Inter-     | Canada.....13161, 18403,                  | Santiago del Estero...14163  | Estonia.....19366          |
| national agreements and           | 18411, 18413, 28441                       | Tafi.....15337               | Ethiopia.....14114-15,     |
| treaties; Trade agree-            | Colombia.....13152, 13177                 | Arkansas.....20371           | 14160-1, 14171, 14187,     |
| ments and treaties; and           | costs and returns..4953,                  | as an occupation...24688     | 19319, 19357               |
| <u>under</u> specific subjects.   | 29228                                     | Australia.....5766, 9141,    | Europe...9041, 9106, 9120, |
| Agricultural Adjust. Act          | Cuba.....13199                            | 14196, 19200, 19309,         | 14129-30, 20484,           |
| of 1938.....25280                 | Denmark.....19346                         | 19352, 24620, 24686,         | 24600, 24685, 24710        |
| Agricultural Adjust. Agen-        | Ethiopia.....19319                        | 24947                        | France.....5722, 8268,     |
| cy. <u>See</u> U. S. Dept. of     | France..13155, 14252, 14622               | New South Wales..19353       | 9034, 9036, 9109, 9125,    |
| Agr., Agr. Adjust. Agen-          | French Colonies...13155                   | Northern Territory...9121    | 9154, 11196, 11211,        |
| cy.                               | Hawaii.....9771                           | Victoria.....14167           | 11213, 14098, 14105,       |
| Agricultural Bank of              | Hungary.....8412, 13275                   | Baltic States.....15117      | 14107-9, 14148, 14172,     |
| Tasmania.....19215                | India.....5322, 15171,                    | Belgian Congo.....14128,     | 14371, 15138, 18996,       |
| Agricultural colleges. <u>See</u> | 26113                                     | 20647                        | 19192, 24695, 26120,       |
| Land-grant colleges.              | Indochina.....14010                       | bibliographies...14620       | 29132                      |
| Agricultural Com. for             | international.....15308                   | Belgium.....482              | French Colonies...14113,   |
| Amer.-Soviet Friendship,          | Italian Africa.....13203                  | bibliographies.....660,      | 24731                      |
| Inc.....479                       | Italian East Africa....                   | 5299, 5769, 15308,           | French Equatorial Afri-    |
| Agricultural Conserv.             | 19198                                     | 20621, 25470                 | ca.....14120               |
| Program.....28, 5371-2,           | Italian Empire.....18406                  | Bolivia.....14699, 29343     | French North Africa....    |
| 5374, 9545, 19921,                | Korea.....29060                           | Lake Titicaca Basin...14122  | 14011                      |
| 19925, 19927, 19929-30,           | market reports....25543                   | Bonin Islands.....9140       | Germany...652, 4809, 4811, |
| 19934-5, 19940, 25276             | Mexico.....13164, 13204                   | Brazil.....3970, 10094,      | 4820, 4852, 4869,          |
| Arizona.....9544, 19928           | Minnesota.....255                         | 14170, 19335-6, 20506        | 14106, 19305, 19322,       |
| California.....9544               | Mozambique                                | São Paulo.....19175          | 19325, 19344, 19359,       |
| Colorado.....9544, 19928          | directories.....29432                     | British Empire.....9103      | 24680, 24682-4, 24705      |
| Idaho.....9544, 19928             | Peru.....18398                            | British Honduras...29434     | Schleswig-Holstein....     |
| Kansas.....19928                  | Portugal.....24589                        | British West Indies....19385 | 24720                      |
| Montana.....19928                 | Portuguese Colonies....                   | California.....29445         | Great Britain.....492,     |
| Nevada.....9544, 19928            | 13165                                     | San Diego County..19337      | 516, 4807, 4812, 4817,     |
| New Hampshire.....29              | processed.....28507                       | Canada.....4806, 4833,       | 4826, 4859, 4862, 9050,    |
| New Jersey.....30                 | purchase and sale pro-                    | 9598, 14084, 14165,          | 9119, 9895, 9908,          |
| New Mexico.....9544, 19928        | grams.....14936, 25358                    | 19303, 19313, 19340,         | 13147, 14106, 14123,       |
| New York (State)...14746          | quality.....28469                         | 19391, 19394, 24697,         | 14150-1, 14191, 15114,     |
| North Central Region...25279      | regulation and inspec-                    | 29082, 29125                 | 19343, 20475, 24593,       |
| Oklahoma.....26                   | tion.....25268                            | bibliographies....5279       | 24698, 24708, 29126,       |
| Oregon.....9544, 19928            | international.....8417                    | British Columbia...4851      | 29138, 29154, 29163        |
| Rhode Island.....9548             | Sakhalin.....14024                        | Manitoba.....29141           | England....9112, 20613,    |
| Southern States.....26,           | situation and outlook...3871, 8363, 9114, | Northwest Territory...9257   | 29150                      |
| 5375                              | 19960, 25304, 28426                       | Nova Scotia.....4821,        | Scotland...4825, 4831,     |
| Texas.....33, 5377                | South Dakota...15016-17                   | 19348, 29139, 29145          | 9875, 24728, 24734         |
| Utah.....9544                     | Southwestern States....20608              | Ontario.....4819, 9153,      | Wales.....29150            |
| Washington (State).9544,          | Sweden.....18397, 23911                   | 14175                        | Guatemala...19209, 24699   |
| 19928                             | Tunisia.....14132                         | Stormont County....14119     | handbooks....406, 15061,   |
| Western Region..9549-50,          | Uruguay.....28490                         | Saskatchewan.....9165        | 15093                      |
| 14747                             | utilization.....8392,                     | Yukon Territory..19378       | Honduras.....14090         |
| Agricultural Credit Act...20503   | 13197, 20537                              | Chile...5877, 9127, 19836,   | Hungary.....4818, 4864,    |
| Agricultural economics.           | industrial.....3877,                      | 29289                        | 14095, 14177, 19347        |
| <u>See</u> Economics.             | 8393, 13170, 13204-5,                     | China.....14439, 14703,      | Iceland.....9126           |
| Agricultural engineering.         | 14252, 15171, 15308,                      | 15139, 20071, 29053          | Illinois.....5494, 9776,   |
| <u>See</u> Engineering.           | 24709, 29038, 29041,                      | bibliographies....9871       | 25690, 29162, 29166        |
| Agricultural experiment           | 29046, 28490, 28494,                      | Colombia.....5733, 9868,     | India....495, 4711, 9043,  |
| stations. <u>See</u> Experiment   | 29495                                     | 14081, 19289, 24741,         | 9116, 9160, 9199, 9855,    |
| stations.                         | <u>See also</u> Raw materials;            | 26117, 29122                 | 9949, 10009, 14149,        |
| Agricultural extension.           | <u>and</u> specific subjects.             | Valle de Nemocón..9104       | 14152, 14184, 20496,       |
| <u>See</u> Extension work.        | Agricultural Products                     | Colorado.....19184           | 14152, 24693, 26113        |
| Agricultural history. <u>See</u>  | Insp. Certif. Act...25268                 | Corn Belt.....4878           | Travancore.....29456       |
| History.                          | Agriculture.....4804, 4810,               | Costa Rica...9924, 19393,    | Indiana..366, 4858, 14146, |
| Agricultural Marketing            | 4813, 4835, 4865, 5282,                   | 29067                        | 14714, 25735               |
| Scheme (Great Britain)...13209    | 5734-5, 14093, 14183,                     | information.....29438        | Iran.....15126             |
| Agricultural Mortgage Corp.       | 14700, 19374, 19380,                      | Ile of Man.....4832          | Italian Africa....14030,   |
| (Great Britain).....14035         | 24577, 24715, 24741,                      | Italy.....14158, 14178       |                            |
|                                   | 25457, 25466, 25983                       |                              |                            |



- | Item                         | Item                                     | Item  | Item                        |
|------------------------------|--|---|-----------------------------|
| Agriculture--Continued.      | Agriculture--Continued.                  | Agriculture--Continued.                       | Agrotis segetum, parasites  |
| Italian East Africa.....     | postwar....486,500,4870,                 | Sweden.....4839,19293,                        | and predators of....23441   |
| 14014,14193,14295,           | 4872-3,4875,4879-80,                     | 24640,29267                                   | Ahuauhtli.....8044          |
| 15342,24610                  | 4882-3,4885,5330,                        | Switzerland.....9129,                         | Air raids                   |
| Italian Somaliland,14110     | 5348,14198,14203,                        | 19877,29129                                   | precautions.....11764       |
| Italy.....496,510,4863,      | 14383,14403,14735,                       | Taiwan.....9115,24579                         | Airplanes                   |
| 5717,9145,14097,             | 19398-9,19403,20485,                     | Tennessee.....451,4856                        | and pests.....5407,8023,    |
| 14106,14126,18487,           | 24754,29172                              | Putnam County....14181                        | 17930,18048,22995           |
| 20611                        | Argentina.....14197                      | Texas...9035,9742,29061,                      | and plant disease..22995    |
| Izu Islands.....9140         | Australia.....24747                      | 29133,29160                                   | construction.....147        |
| Jamaica.....24713,24743,     | bibliographies....5445,                  | Timor.....14121                               | disinfestation.....7707,    |
| 29124                        | 20025,20609                              | Tripoli.....14190                             | 12431                       |
| Japan.....9047,24716         | Canada.....4871,14202,                   | tropical.....5858,9523,                       | in agriculture.....3655,    |
| Kansas.....14981             | 24752                                    | 10043,10072,10099,                            | 3879,23816,29261            |
| Kentucky.....4847            | Alberta.....4884                         | 10128,14162,19814                             | in apiculture.....3291,     |
| Korea.....24755              | China.....4877                           | Tunisia....14132,19181,                       | 10773,17777                 |
| Latin America.....4829,      | Europe.....507,5720                      | 19326,19355,24612                             | in forestry.....20078       |
| 10128,14017,15307,           | Great Britain....9166                    | Turkey.....4718                               | in predator control....     |
| 20510,24587,25427            | Maine.....501                            | Union of South Africa... 4706,4933,9164,19207 | 27329                       |
| bibliographies...10077       | New Zealand.....4703,                    | Cape of Good Hope.... 24606                   | in the livestock in-        |
| legal cases.....25245        | 4874,29169                               | U. S. S. R....484,4712,                       | dustrial.....29219          |
| Libya.....14124,14131,       | Peru.....14199                           | 4824,4867,5282,9130,                          | plywood.....22139           |
| 14133,19196,24592            | South Carolina...9734                    | 9193,9872-3,10068,                            | transportation by..3890,    |
| Louisiana....15061,19354     | South Dakota.....15018                   | 19208,24706,25236,                            | 4148,4560,4572,4586,        |
| Luxembourg.19306-7,19370     | Spain.....29170                          | 26824,29159,29488                             | 8403,13594,13602,           |
| Maine.....19330              | Sweden.....4876                          | Kirghizia.....4838                            | 13599,18431-2,18439,        |
| Malay Peninsula....19386     | Union of South Africa. 14201             | Krasnodar Region.20606                        | 18811,23818,23827,          |
| Mexico...4715,4855,8431,     | productive capacity..... 502             | maps.....654                                  | 24146,28760,28904           |
| 10127,19197,19308,           | Europe.....14134                         | Tadzhikistan....4838                          | wood.....138,173,5461,      |
| 19323,19360,29072,           | Great Britain....19351                   | Ukraine.....4854                              | 7056,16665,22138            |
| 29078,29164                  | Tropics.....14194                        | Uzbekistan.....14142                          | See also Dusts and dust-    |
| Jalisco.....4822             | Washington (State).... 15026             | Molotov (region).4857                         | ing, by airplane; Glid-     |
| Rio Grande River Basin 14236 | Fuerto Rico.....14814,                   | Uruguay....19379,19383,                       | ers; Seeds, planting,       |
| Michigan.....383             | 24596,24730                              | 24679,24694,24718-19                          | by airplane; Sprays and     |
| Middle East.....20077        | regulation....4872,5330,                 | Uruguay River Basin.9159                      | spraying, by airplane.      |
| Minnesota....15132,20625     | 9146,9883                                | Venezuela....5878,14141,                      | Airports.....296            |
| Mississippi....403,504,      | Argentina.....20505                      | 14192,25208,25900,                            | Akademija Nauk, Kiev. See   |
| 4719,24701                   | Australia                                | 29074   | Useukraïns'ka Akademija     |
| Missouri.....5618            | Tasmania.....19311,                      | 29074   | Nauk, Kiev.                 |
| Missouri Valley....25286     | 19338                                    | Virginia.....29459                            | Akademija Nauk, Leningrad.  |
| Montana.....5620             | Belgian Congo....14023                   | Washington (State).... 15027,29156            | 5865,20614,25217,           |
| Morocco.....14174,14332,     | British Empire...19291                   | Western States.....494                        | 26171                       |
| 29158                        | Europe.....5732                          | See also Agronomy; Cor-                       | Botanicheskiĭ Institut      |
| Mozambique.....24570         | Germany.....502                          | porative organization                         | im. V. L. Komarova....      |
| Near East.....8024           | Great Britain....483                     | of agriculture; Farms                         | 26134                       |
| Netherlands East Indies      | Union of South Africa. 14135             | and farming; and                              | Aktiebolaget Svenska        |
| bibliographies....671        | Rhode Island.....24738,                  | specific subjects.                            | Handelsbanken.....19293     |
| New Guinea.....19298         | 25719                                    | Agriculture (Miscellaneous                    | Ala. Agr. Expt. Sta....9205 |
| New Mexico.....20495         | Rumania.....9122,9124                    | Provisions) Act, 1944                         | Alabama argillacea...12831  |
| New Zealand....4860,13272,   | Ryukyu Islands....9140                   | (Great Britain)....25971                      | control.....18114           |
| 14196,19365,29171            | Sahara.....29068                         | Agrius cladrastis                             | Ala. State Planning Bd....  |
| Newfoundland.....29140       | situation and outlook... 4815,4843,4886, | n. sp.....7946                                | 5317                        |
| Nicaragua.....9045,9143      | 9114,9135,9161,                          | Agrius hyperici....22989                      | Alberta (Canada). Dept. of  |
| North Carolina....29451      | 14099,14129,14140,                       | Agrius sexguttatus...7958                     | Lands and Mines....29431    |
| Northern Ireland...9134,     | 14155,14195,14773,                       | Agronomy.....5368,10675                       | Alberta Dairymen....4000    |
| 14229                        | 15061,19199,19341,                       | Brazil.....14721                              | Albinism, in plants...996   |
| Ulster.....9128              | 19350,19361,19384,                       | Italy.....20611                               | Albizzia le-testui...10230  |
| Ohio.....14118               | 24677-8,24687,24690,                     | technique and equipment. 11120                | Albucida.....11708          |
| organization..5723,19183     | 24692,24722,24725,                       | See also Fertilizers;                         | Albumin.....10590           |
| Colombia.....5116            | 24733,24746,25430-1,                     | Field crops; Soils.                           | Albuquerque Prod. Credit    |
| France.....14098             | 25498,25923,29056,                       | Agropyron.....732,10688                       | Assoc.....9065              |
| Uruguay.....5125             | 29063,29121,29131,                       | See also Wheatgrass.                          | Alchemilla vulgaris...10595 |
| Orient.....9268              | 29147,29162                              | Agropyron caninum                             | Alcohol.....13309           |
| Palestine....24616,24711,    | Somaliland.....19356                     | muticum n. ssp.....26200                      | and health.....19797        |
| 25231,29130                  | South America.....9163                   | Agropyron crestatum. See                      | as fuel.....8268,13040,     |
| Panama.....19332             | South Carolina....9893,                  | Wheatgrass, crested.                          | 28328                       |
| Paraguay....4803,10088,      | 18409                                    | Agropyron repens. See                         | from grain....8822,18858    |
| 14117                        | Southern States....4816,                 | Quackgrass.                                   | from Jerusalem arti-        |
| Paraguay River Basin... 4827 | 4868,14125,19202,                        | Agropyron smithii. See                        | chokes....13548,13588,      |
| Peru....4704,4842,24702,     | 20608                                    | Wheatgrass, bluestem.                         | 13623-4,13650               |
| 24729,29348                  | Spain.....14094,24345,                   | Agropyron spicatum. See                       | from starch.....13200       |
| Lake Titicaca Basin... 14122 | 24681,24726,24740,                       | Wheatgrass, bearded                           | from sugar...8992,13200,    |
| Poland.....20493             | 26109,29070,29144                        | blue bunch.                                   | 19140,24514                 |
| Portugal.....4702,24589,     | La Mancha.....9156                       | Agrostis.....26199                            | from sugar beets...13947,   |
| 24613                        |  | See also Bentgrass.                           | 13959                       |
|                              |  | Agrotis orthogonia...18143                    | from wood.....127,131,      |
|                              |  |   | 2172,22107                  |
|                              |  |   | industrial.....23918        |
|                              |  |   | manufacture.....24556       |



- Alcohol--Continued.**  
sources.....8769,13202,24562  
Switzerland.....8685  
taxation.....19252  
Alconeura.....12768  
Alder.....6170  
Aleochara.....7957  
Alestrus n. g.....12656  
Alethaxius.....28025  
Aleurites.....26877  
Aleurites fordii. See  
Tung-oil tree.  
Aleurocanthus woglumi.....5387  
parasites and predators  
of.....18052  
Alexogloblinia n. g...3452  
Aleyrodes.....3519  
larvae.....12765  
Aleyrodidae.....15445  
anatomy and physiology..12762  
See also names of  
genera.  
Alfalfa.....377  
anatomy and physiology..25240,26496  
Argentina.....1242,6351,26623  
as cause of diseases....16988  
as feed.....11712,15843,27274  
for lambs.....22823  
for poultry.....17299  
for swine.....17620,17626,27821  
Australia...10741,15813,21154  
biochemistry.....1095,10515,26496  
breeding.....1187  
Chile.....15842  
culture.....1191,1210,5591,6377,9654,9700,9851,10762,10769,14996,15810,15828,15851,20356,20453,21159,25240,26641-2,26647,27274  
diseases.....10353  
resistance.....15860  
drying.....23678  
effect on soils.....1832,11184,11264  
fertilizers.....6769,11182,11317,16338,26948,26986,27099  
Germany.....18654  
harvesting...12989,23678  
equipment.....12986,12989,23678  
hay.....363,1095,2443  
Honduras.....1212  
Italy.....10760  
market reports.....25587  
meal.....25499,28657  
as feed  
for poultry.....7460  
for rabbits...17497  
for swine.....27817  
nutritive value.....2246  
pests.....69,5389,9658,12442,12656-7,17991,22914,23383,23404  
seed.....6368,9527,9549-50,15811,16338,18654  
soils.....6769,11182
- Alfalfa--Continued.**  
South Africa.....26866  
U. S. S. R.....10757  
varieties.....243,5360,19896,20356,21151  
yields.....363,5477  
See also Silage,  
alfalfa.  
Alfalfa caterpillar. See  
Colias eurytheme.  
Alfalfa weevil. See  
Hypera postica.  
Algae.....20736  
anatomy and physiology..10100,15274  
as feed.....16771  
Basque Region.....10271  
biochemistry.....6304  
California.....635  
Celebes.....26263  
fossil.....26135  
France.....15391  
fresh-water.....10271,10276,10278  
Illinois.....20574  
marine.....5992-3,10275,15390,15392,20737,26261,26263,26265  
Mexico.....26261  
nomenclature.....6304  
Singapore.....26263  
See also Seaweed; and  
names and classes of  
Algae.  
Algarroba. See Mesquite.  
n-Aliphatic acids...24561  
Alizarin oil.....4551  
Alkaloids.....1055,1100,10613-14,15700  
All-American Rose Selec-  
tions.....16056  
All-America Selections....10811,26675-6  
All-India Plant Protect.  
Serv.....12443  
Allan Hancock Pacific  
Exped.....5993  
Allegan.....17170  
Allele.....26455  
Allen Co. (Ind.) Farm  
Bur.....19693  
Allergies.....16810,17776  
food...14530,19732,29376  
in livestock.....2336  
See also Plants, aller-  
gy-producing; Pollen,  
surveys.  
Allied Florists and Grow-  
ers of Canada, Inc..9024,13987  
Allium.....26191  
See also Garlic; Onions.  
Allium cepa.....5982  
See also Onions.  
Allium fistulosum....5982  
See also Onion, Welsh.  
Allium odorum. See Onion,  
fragrant.  
Allium sativum. See  
Garlic.  
Alloccoris.....3518  
Allomyces arbusculus.15650  
Allopauropus barcinonensis  
aubertoti n. var....12590  
Alloporus maranguapensis  
n. sp.....28011  
Allorge, Pierre.....9493,14645,14677  
publications.....14645
- Allotetraploidy. See**  
Polyploidy.  
Allotments.....4898  
Alluand, C.....12689  
Allylthiocyanate...6168  
Allylthiourea.....1004  
Almonds.....1396  
France.....10033  
Palestine.....18765,28735-6  
pests.....3579,9658,23478  
pruning.....6455  
Alnus. See Alder.  
Alnus jorullensis spachii.  
6183  
Alocasia watsoniana...6505  
Aloe.....10476  
Alophorella.....28069  
Alophorellopsis.....28069  
Alophoropsis.....28069  
Alpacas.....11756  
Alphaea.....18117  
Alpine meadow soils..11209  
Alpine plants..1453,16002,16092,21369,21413,21415,21459,21484,21486,21503  
Alsophila pometaria...3569  
Alstonia, Palimara  
wood.....27194  
Alstonia scholaris. See  
Alstonia, Palimara.  
Astroemeria aurantiaca  
splendens.....16130  
Alternaria  
on tomato.....15514  
Alternaria solani....6224  
See also Early blight.  
Altica ampelophaga...3399,17953  
Altitude, effect on  
dogs.....17132  
plants.10436,10580,15565  
Alum  
therapeutic use....22419  
Aluminum.....4227,13265,29442  
in plants.....1082,29442  
Aluminum hydroxide...3067  
Amanita.....1105  
Amanita muscaria....10281  
Amaranthus.....10214  
Amaranthus bouchoni..10232  
Amaranthus gangeticus....1664  
Amaryllidaceae...8102,26412  
Amaryllis.....10924,16039,21536,26777  
Amathes agathina virgata  
n. ab.....3610  
Amathes ashworthii...23492  
Ambelania.....15377  
Amblyomma americanum.23123  
and disease.....3359,17855  
Ambrosia psilostachya....10207  
American Aberdeen-Angus  
Breeders' Assoc.....16884  
American Airlines.....13599  
American Angora Rabbit  
Breeders Coop.....27725  
American Assoc. of Land-  
Grant Colleges and Univ..25391  
Com. on Ext. Organ. and  
Policy.....20045  
American Barge Line Corp..20225
- American cockroach. See**  
Periplaneta americana.  
American Cotton Shippers  
Assoc.....8703  
American Dairy Assoc...8496  
American Dairy Sci. Assoc.  
17088  
American dog tick. See  
Dermacentor variabilis.  
American Farm Bur. Fed....4956,9352,19673,25002  
See also names of farm  
bureaus.  
American Forestry Assoc.  
Forest Resources Apprai-  
sal..11500,16585,22037,27150  
American Friends Serv.  
Com. See Friends, Society  
of.  
American Inst. of Coop....19686  
American Jersey Cattle  
Club.....7199  
American Kennel Club.22523  
American King Club...17250  
American Libr. Assoc.  
Books for Latin Amer.  
Proj.....649  
American mildew  
of gooseberry.....905  
American Natl. Livestock  
Assoc.....25640  
American Oil Chem. Soc.  
Smalley Found. Com.....13879  
Soybean Anal. Com...24426  
American Phil. Soc...11624  
American Pomol. Soc...4291  
American Rabbit and Cavy  
Breeders Assoc.....17519,17526  
American Rose Soc....26736  
American Vet. Med. Assoc..11693,27292,27323  
American Viscose Corp....13469  
Amicroplus collaris..23441  
Amino acids...12594,18858,19785,19793,25085,25164,25913  
in animal nutrition....27284  
in feed.....16743  
in human nutrition.9404,9416,9420,25156,26060  
in poultry nutrition....7452,12081,17316,22642  
in yeasts.....19763  
utilization.....25086  
See also names of amino  
acids.  
p-Aminophenylsulfamide....28211  
Amioca.....13715,15160  
Amitermes evuncifer..28233  
Ammate. See Ammonium  
sulfamate.  
Ammonia  
effect on  
plants.....20263  
sheepskins.....24101  
soils.....20264  
fertilizers..16532,16537  
in plants....1015,1094,13382  
in soils.....27082



- | Item  | Item   | Item  | Item  |
|---|--|---|---|
| Ammoniac.....13996,15733,<br>18579                        | Anemia, infectious<br>equine--Continued.                   | Anopheles--Continued.   | Anoplura--Continued.                                      |
| Ammonium carbonate..12627,<br>17958,28034                 | diagnosis.....22560  | and disease...3497,5783,<br>8005,18027,18030,<br>18039,23326,23341,<br>23345,23347  | eggs.....18187  |
| insecticides.....23200                                    | virus.....17171  | breeding places...18041,<br>23229,23317,23344   | See also names of fami-<br>lies and genera.               |
| Ammonium nitrate  | Anemone.....1436,1536,<br>10863,26798                      | control..3485,8023,8043,<br>12733,12745,18009,<br>18012,18022,18024,<br>18026,18043,23316,<br>28101,28106,28111,<br>28126-7 | Anoxia villosa.....23202                                  |
| effect on plants....2023                                  | Anemone edwardsiana...5983                                 | East Africa.....12730   | Ansatospora acerina...15508                               |
| fertilizers...2017,9812,<br>11266,11268,11415,<br>26714   | Anemotaxis, in insects....<br>28082                        | Far East.....8022   | Antennaria.....15360                                      |
| Ammonium sulfamate....6691                                | Anesthesia.....2328,22256                                  | Greece.....3487   | Anteos maerula.....12852                                  |
| Ammonium sulfate  | for cats.....17124   | India.....8022  | Antestia, Uganda.....3522                                 |
| fertilizers.....16334,<br>16348,16352,21753               | for cattle...17037,27434                                   | Kenya.....12737   | Anthaxia.....12676  |
| Ammoplanopterus.....8082                                  | for horses..12005,12020,<br>17167                          | Melanesia.....23333   | Anthaxomorphus.....12680                                  |
| Ammoplanus.....18089                                      | for livestock.....2339                                     | surveys.....18016   | Anthelmintics.....17560,<br>17637,22278,22838             |
| Amorpha fruticosa...17719                                 | Aneurin. See Thiamine;                                     | U. S. S. R....8027,18028  | See also names of<br>anthelmintics.                       |
| Amorphophallus rex.....1535                               | Vitamin B; Vitamin B <sub>1</sub> .                        | Anopheles cruzii.....18021  | Antheraea pernyi.....18167                                |
| Ampagia.....17967   | Aneurys mameuri n. sp....<br>8064                          | Anopheles culicifacies....<br>8040  | Anthicus.....12671  |
| Amphidiploidy. See  | Angelica.....1727,11099                                    | Anopheles farauti....23322  | Anthidiinae, Africa...23435                               |
| Polyploidy.   | Angelica archangelica....<br>21400                         | Anopheles gambiae   | Anthidium sudanicum n. sp.<br>23435                       |
| Amphigerontia birabeni                                    | Angiospermae...10083,10441,<br>10495,15717,20914,<br>20929 | Anopheles gambiae melas...<br>18019   | Anthobium.....17916                                       |
| n. sp.....23561   | Angoumois grain moth. See                                  | Anopheles koliensis n. sp.<br>23338   | Anthocyanin.....26456                                     |
| Amphilophis pertusa....803                                | Sitotroga cerealella.                                      | Anopheles maculipennis....<br>12747   | Anthonomus grandis..12616,<br>28027                       |
| Amphimallon majalis....272                                | Angraecopsis gracillima...<br>16144                        | Anopheles fluviatilis   | control.....20246,23166,<br>28043,28051                   |
| Amphorophora.....28141                                    | Anguillulina dipsaci. See                                  | India.....8038,8041   | Anthonomus pomorum..12624,<br>12643,23140,23185,<br>28052 |
| Amporophora henryi n. sp..<br>8045                        | Tulip root, of oats;                                       | Anopheles gambiae   | Anthophora stanfordiana...<br>23264                       |
| Amsacta albistriga...18140                                | Tulip root, of weeds.                                      | Anopheles gambiae melas...<br>18019   | Anthracnose   |
| Amsonia.....5964  | Angus Cattle Co. of Colo..<br>22316                        | Anopheles philippinensis..<br>8028  | of agave.....20810  |
| Amylase...4303,6302,10634,<br>18868,23988,24243,<br>26541 | Anigozanthus manglesi....<br>10906                         | Anopheles pseudopuncti-<br>pennis, Ecuador....23334   | of flax.....15487,26357                                   |
| Anabasine sulfate....8034                                 | Aniline oil.....13191                                      | Anopheles punctimacula  | of grape.....20804  |
| Anabrus simplex   | Animal Diseases Res.                                       | and disease.....28109   | of oak.....15472  |
| parasites and predators                                   | Assoc. (Scovland)...16782                                  | Anopheles punctulatus   | of pea.....10360  |
| of.....8077   | Animal industry.....15308                                  | fareauti.....22906  | of sycamore.....15472                                     |
| Anapagurus laevis.....7888                                | India.....495  | Anopheles quadrimaculatus.<br>3491,28125  | of tobacco.....15528                                      |
| Anaphes oviventatus..28166                                | research.....24344   | Anopheles solomonis n. sp.<br>23312   | Anthrax.....2295,7148,<br>11727-9,22261                   |
| Anaphylaxis   | study and teaching.2358,<br>7181,7183,7198,<br>11641,22295 | Anophelinae   | Australia.....7147  |
| in livestock.....2336                                     | Sweden.....28519   | and disease.....18044   | Bulgaria.....27307  |
| Anaplasmosis  | See also U. S. Dept. of                                    | Anophelini  | history.....22261   |
| in cattle...11889,11892,<br>17015,22414                   | Agr., Anim. Indus.,<br>Bur. of.                            | Australasian Region....<br>23332  | immunization.....11744                                    |
| in horses.....17165-6                                     | Animal Industry, Bur. of.                                  | genetics.....23321  | in horses.....7386  |
| therapy.....7169  | See U. S. Dept. of Agr.,                                   | New Hebrides.....23312  | immunization....17175                                     |
| Anasa tristis.....23406                                   | Animal Indus., Bur. of.                                    | Solomon Islands....23312  | in man.....7147,16826                                     |
| Anastrepha fraterculus...<br>28074                        | Animals.....655  | Anophthalmus manhariensis<br>n. sp.....17949  | tests.....16788,27322                                     |
| Anastrepha ludens....3447,<br>12696,28063                 | anatomy and physiology..<br>15213,19811                    | Anoplocephala mamillana.  | transmission.....22280                                    |
| Anathula n. n.....23434                                   | breeding.....5273  | See Faranoplocephala  | Union of South Africa...<br>11744                         |
| Anatomy (animal)....5871,<br>15213,15216                  | carcasses.....4475   | mamillana.  | vaccines.....7171,27327                                   |
| Anatto tree....1733,21645,<br>23982                       | diseases.....14640,29433                                   | See also Bacillus   | See also Bacillus   |
| Anchastus.....7932  | folklore....12374,27499                                    | anthracis.  | Anthrax, symptomatic. See                                 |
| Anchylarthron.....17955                                   | migration.....27858  | Blackleg.   | Anthrax, symptomatic. See                                 |
| Ancistrocerus catskill-<br>ensis.....23445                | psychology...15312,16836                                   | Anthrax.....9708  | Anthrax, symptomatic. See                                 |
| Ancognatha.....17954                                      | See also Livestock;  | Anthrax.....6496  | Anthrax, symptomatic. See                                 |
| Ancylostomiasis.....19579                                 | Ruminants; Wildlife;                                       | Anti-rent movement (N. Y.<br>State).....4488  | Anthrax, symptomatic. See                                 |
| Anderson, Clinton P..9488,<br>11762,14668                 | and names of animals.                                      | Antibiotic substances....<br>6150,10137,14608,<br>20657   | Anthrax, symptomatic. See                                 |
| Andropogon moenchii....<br>10179                          | Anisandrus dispar....23153                                 | in milk.....4055-6  | Anthrax, symptomatic. See                                 |
| Andropogon scoparius. See                                 | Ankylosis, in dogs...17115                                 | plant sources....6293-4,<br>10141,10627,20659,<br>21017,26539,26543   | Anthrax, symptomatic. See                                 |
| Bluestem, little.   | Annatto. See Anatto tree.                                  | See also Fungi, anti-<br>bacterial.   | Anthrax, symptomatic. See                                 |
| Androsace vandellii..16072                                | Anobium pertinax.....3397                                  | Anticarsia gemmatilis....<br>23486  | Anticarsia gemmatilis....<br>23486                        |
| Anelosimus.....17858                                      | Anomalies, plant....10438,<br>10472,10481-2                | Antigens and antibodies...<br>22240,23516,27314   | Antigens and antibodies...<br>22240,23516,27314           |
| Anemia.....9463,19771,<br>25163                           | Anomalocornis geijskesi<br>n. g., n. sp.....18053          | See also specific sub-<br>jects.  | Antimony.....11956  |
| in cattle. See Hemo-<br>globinuria.                       | Anomiopsis.....3420  | Antioxidants.....24028  | Antipus.....12670   |
| in horses.....22563                                       | Anomiopsoides.....12653                                    | Antirhea.....10223  |   |
| in swine.....12345  | Anonaceae.....6181   |   |   |
| Anemia, infectious equine                                 | Indochina.....15586  |   |   |
| 7158,7385,12011,<br>12015,17164,17173                     | Anopheles.....23323  |   |   |



- Antiseptics**.....16857-8  
**Ants**.....3530, 3538, 8076,  
 23444, 27849  
 anatomy and physiology..  
 3537  
 and disease.....18081  
 as pests.....17821, 23056  
 control.....3201, 3532  
 folklore.....28167  
 habits and behavior.....  
 8079, 8084, 8087,  
 23437, 23448, 28167  
See also Birds, anting;  
 Formicidae; and names  
 of families and genera.  
**Antu**.....28241  
**Anuraphis tulipae**.....23373  
**Aonidiella aurantii**.....18079,  
 23374  
 control.....23384  
**Apalochrus**.....12669  
**Apalus mellicolor n. sp.**.....  
 3388  
**Apanteles carpatus**.....23449  
**Aperua n. g.**.....12599  
**Apatele psi**.....3602  
**Apatococcus vulgaris**.....26270  
**Apelma fijiensis n. sp.**.....  
 23265  
**Apera**.....6298  
**Aphanomyces**. See Root rot,  
 of pea.  
**Aphelenchoides olesistus**  
 on lily.....10397  
**Aphelenchus cocophilus**.  
See Red ring disease, of  
 coconut.  
**Aphenogaster testaceo-**  
**pilosa**.....8073  
**Aphids**.....8052, 8055, 28130  
 and plant disease.....20262,  
 20873, 25892  
 control.....8053, 9658,  
 12446, 18064  
 food and host plants....  
 246  
 India.....8069  
See also names of  
 genera.  
**Aphidae**  
 France.....12754  
 taxonomy.....18073  
See also names of  
 genera.  
**Aphis**.....20459  
**Aphis fabae**.....3524  
**Aphis gossypii**.....23354,  
 23411  
**Aphis maidis**.....7740  
**Aphis viburni**.....23375  
**Aphtiria**. See 1, 2, 3, 4, 5, 6  
 Hexachlorocyclohexane.  
**Apiculture**.....3224, 5409,  
 5702, 5821, 7786,  
 17754, 17772, 19903,  
 20361  
 apiaries.....7781, 12465  
 apiary management.....23062,  
 23084  
**Argentina**.....3282, 7767,  
 12515, 17796, 17805  
 as an occupation.....3202,  
 3263, 3276, 7799,  
 7812, 7819, 12470,  
 17755, 17803  
 associations.....3203, 7778,  
 7798, 7807, 12472,  
 12480, 17789, 23012,  
 23034  
**Australia**.....12481, 23031
- Apiculture--Continued.**  
 beginners.....3294, 3297,  
 12478, 12523, 17756,  
 17785, 23041, 23048,  
 23041, 27973  
**Belgium**.....3266  
**Bermuda**.....12507, 17798  
**Canada**.....3277, 12473,  
 23024  
 colony management.....  
 3307-8, 3313, 3320,  
 3325, 3327, 3336-7,  
 3343, 3345, 3348,  
 3350, 3353, 5821,  
 7770, 7837, 7841-2,  
 7845, 7854, 7858-9,  
 7871, 7875, 12527-8,  
 12545, 12548, 12552,  
 12554, 17824-6,  
 17835-6, 23070, 23081,  
 23083-4, 23089, 23091,  
 23095, 27975, 27980,  
 27989  
 quieting.....23076  
 removing honey.....23079  
 robbing.....3321, 17827  
 seasonal.....3273, 3306,  
 3311, 3314, 3318,  
 3322, 3324, 3333,  
 3338, 3344, 3352,  
 3354, 7839-40, 7846,  
 7849, 7853, 7863,  
 7866-8, 7874, 7876,  
 12462, 12489, 12529,  
 12531, 12533, 12535,  
 12539, 12546, 12549,  
 12555, 17771, 17830,  
 17837, 17839, 23024,  
 23071, 23073-4, 23078,  
 23080, 23087, 23090,  
 23092, 27978-9,  
 27982-3, 27985, 27988  
 swarming, 3310, 3316-17,  
 3319, 3323, 3328,  
 3331, 3335, 3339,  
 3346, 3351, 3355-6,  
 7833, 7843, 7847-8,  
 7850-2, 7855, 7862,  
 7864-5, 7873, 12498,  
 12526, 12532, 12536,  
 12538, 17823, 17831,  
 17838, 17840, 17845,  
 17848, 23039, 23075,  
 23096, 27976-7, 27981,  
 27984  
 transferring.....12537,  
 23068, 23072  
 conferences and con-  
 gresses.....7797, 7817,  
 27948, 27958, 27965  
 cooperative.....7875  
 drones.....7857, 7861, 23078  
**Eire**.....17767  
 equipment.....3190, 3207,  
 3225, 3245, 3253,  
 3256, 3283, 3296,  
 3302, 3304, 3315,  
 3330, 3350, 7770,  
 7792-3, 7818, 7821,  
 12491, 12493, 12516,  
 12518, 17773-4, 17788,  
 27944, 27955, 27972  
 combs.....3189, 3287,  
 7820, 7831, 12509,  
 17790  
 extractors.....12471  
 frames.....3242  
 hives.....3275, 7765,  
 7780, 7796, 7842,  
 7866, 7871, 12466,  
 (See next column)
- Apiculture--Continued.**  
 equipment--continued.  
 hives--continued.  
 17771, 17783, 17810,  
 17818, 23063, 27943  
**France**.....578, 581, 585-6,  
 589, 5818, 7769, 12549,  
 17807, 26055  
**Georgia**.....17812  
**Germany**.....7776, 7816  
**Great Britain**.....3193, 3222,  
 3302, 7769, 23008, 27941  
 history.....3279, 7804, 7814,  
 12513, 17793, 17804,  
 23057  
**India**.....12497, 12509-10,  
 17795, 23026, 23042,  
 23047, 23053, 23071  
**Indiana**.....3289  
**Italy**.....592, 9971  
 laying workers.....17833,  
 17841, 17846  
 legislation.....3194, 3222,  
 3277, 3281, 7788,  
 7828, 12481, 17757  
**Mexico**.....3188, 15226,  
 23032  
 migratory.....3233, 7783,  
 7789, 7800, 7803,  
 7824, 12486, 12511,  
 17775, 23046, 27964  
**New Zealand**.....7876, 23008  
**Northern Ireland**.....3194,  
 23045  
 package bees.....3277,  
 3333-4, 3349, 12535,  
 12542-3, 12550, 17842,  
 27980  
**Palestine**.....27936, 27939  
 postwar.....3199, 12482,  
 17808  
 queens.....3309, 3312, 3315,  
 3326, 3328-9, 3332,  
 3340-2, 3347, 3357,  
 7830, 7836, 7844,  
 7856, 7860, 7869-70,  
 7872, 7877-80, 12498,  
 12530, 12534, 12540-1,  
 12544, 12547, 12551,  
 12553, 17828-9, 17832,  
 17834, 17843-4, 17847,  
 23069, 23077, 23082,  
 23085-6, 23088, 23093-4,  
 27987  
 regulation and inspec-  
 tion.....7827, 12525  
 research.....12485  
 scale colonies.....23018  
 situation and outlook...  
 19953  
**South Africa**.....3290, 3292  
 study and teaching.....3219,  
 3300, 23009, 27946,  
 27968  
**Switzerland**.....3197, 3217,  
 3251, 3258-9, 3281,  
 3284, 7780, 7788,  
 27956  
 taxation.....9084  
**Union of South Africa**...  
 23008, 23059  
**U. S. S. R.**.....3293, 7826,  
 23013, 23036  
**West Indies**.....17761  
 work management.....12493  
See also Apis mellifera;  
 Beeswax; Honey; and  
 under Insurance and  
 Veterans.  
**Apiculturists**.....156, 5290,  
 9504, 23050
- Apidae**  
 Chile.....12802  
See also names of  
 genera.  
**Apicn**.....17940  
**Apion damryi**.....23191  
**Apis**.....28152  
 as pollinators.....12501  
**Apis indica**.....7810, 12468-9,  
 12496, 12521, 12526,  
 12531-2, 12537-8,  
 12541, 12545, 12551-2,  
 17795, 23026, 23041,  
 23047, 23053-4  
**Apis ligustica**.....7835, 27961  
**Apis mellifera**.....556,  
 3271, 23023, 26058  
 acoustic observations...  
 12517, 17811  
 anatomy and physiology...  
 583, 3255, 7809,  
 17764, 17791, 22910,  
 23022  
 as pollinators.....1180,  
 1729, 3204, 3213,  
 3232, 3234, 3241,  
 3257, 3262, 5474,  
 6288, 7763, 7771,  
 7779, 7790, 7813,  
 7822, 11110, 12488,  
 12506, 12522, 17766,  
 17782, 17786, 17812,  
 21270, 23016, 23033,  
 27967  
 breeding.....3214, 3231, 3236,  
 3248-9, 3270, 3272,  
 3299, 7766, 7768,  
 7777, 7784-5, 7794,  
 7832, 12463, 12502,  
 17752, 17759-60, 17770,  
 17784, 17814, 17816,  
 23010, 23029, 23040,  
 23058, 27934, 27937,  
 27952, 27965  
 diseases.....3192, 3205-6,  
 3212, 3218, 3221,  
 3223, 3228, 3235,  
 3246, 3250, 3254,  
 3264-5, 3286-7, 3298,  
 3330, 5409, 7775,  
 7782, 7805, 7823,  
 7827, 12461, 12479,  
 12483, 12490, 12494,  
 12499, 12503, 12505,  
 12524-5, 17779-80,  
 17792, 17797, 23014-15,  
 23028, 23043-4, 23051,  
 23066-7, 27938, 27942,  
 27954, 27959-60, 27963,  
 27965  
 resistance.....12500, 27969  
 folklore.....12492  
**Great Britain**.....3222  
 habits and behavior.....  
 584, 3196, 3200, 3215,  
 3230, 3240, 3260,  
 3267, 7825, 12464,  
 12484, 12514, 12520,  
 17663, 17768, 17778,  
 17781, 17787, 17794,  
 23017, 23037, 23049,  
 27935, 27947, 27949,  
 27951, 27983  
 nutrition.....386, 3209-11,  
 3226-7, 3237-8, 3243-4,  
 3252, 3268-9, 3278,  
 3295, 7774, 7791, 7811,  
 7815, 12475-6, 12489,  
 12512, 17751, 17762,  
 17769, 23011, 23027,  
 27950, 27953, 27957, 27966



- Item**  
*Apis mellifera*--Continued.  
 pests....3198, 3201, 3285,  
 3301, 12487, 12508,  
 17682, 17758, 17821,  
 23056, 27945  
 poisoning....3222, 3232,  
 3247, 3305, 7806,  
 17806, 23021, 23038,  
 23060, 27971  
 races.....3216, 17809  
 Italian.....12547  
 reproduction.....3221  
 shipping.....3291, 23052  
 venom.....23442  
See also Apiculture;  
 Bees; Beeswax; Honey;  
 Pollen, as feed for  
 bees; Repellents, for  
 bees; Sugar, as feed  
 for bees.  
*Apochthonius moestus*. 27998  
*Apocynum venetum*....26613  
*Apodacra*.....5822  
*Apolpium*.....12578  
*Apomixis*.....15610  
*Aponomma*.....28018  
*Aporia crataegi*.....8104  
 Apple box (plant) of  
 Victoria. See *Eucalyptus*  
*stuartiana*.  
 Apple maggot. See *Rhago-*  
*letis pomonella*.  
 Apple redbug. See *Lygidea*  
*mendax*.  
 Apple scald.....14775  
 Apples  
 anatomy and physiology..  
 1044, 1047, 1060,  
 1340-1, 6435, 6787,  
 9687, 10842, 11232,  
 15265, 20909  
 Australia....4257, 18760,  
 24163, 28761  
 biochemistry..1018, 1091,  
 10620, 15691  
 breeding.....1356  
 Canada.....1358, 4293,  
 8704, 13595, 15978,  
 18792, 24148, 24171,  
 24177, 24199, 28751  
 canning.....5478, 14926  
 care and handling..28770  
 containers.....8737  
 costs and returns..4948,  
 24838  
 culture...1336, 6431, 6438  
 diseases....866, 894, 906,  
 1052, 6022, 6104,  
 6138, 10355, 10363,  
 10369, 15484, 15491,  
 15505, 15507, 15525,  
 15629, 20753, 20755,  
 20824, 20854, 21005,  
 26375  
 Canada.....26331  
 control....804, 813, 854,  
 867, 10381, 20859,  
 26344  
 dwarf trees...1345, 1369,  
 6439  
 fertilizers..11232, 11288,  
 26714  
 freezing.....19941  
 fruit set.....20765  
 grading and standardi-  
 zation.....4332, 18757  
 Great Britain....18809  
 harvesting....4765, 9755,  
 20463, 21295, 21311,  
 24219
- Item**  
 Apples--Continued.  
 industry.....8681, 8686,  
 13558, 13565, 24172  
 injuries....829, 861, 4288,  
 20795  
 Italy.....6444  
 juice and sirup.....35,  
 4348, 8711, 13579,  
 13627, 24214, 24231  
 marketing....4288, 4316,  
 4325, 5459, 18809-10,  
 28758-9, 28761  
 New Zealand...6444, 24162  
 oil.....13868  
 packaging.....8737  
 packing..3786, 4336, 18757  
 pests....3583, 7724, 9658,  
 12643, 12682, 12698,  
 12757, 18135, 23140,  
 23185, 23353, 23378,  
 23470, 28052, 28177  
 planting.....6429  
 pollination...1343, 7813  
 preharvest drop....818,  
 832, 10558, 15629,  
 15688, 21293  
 preservation..18837, 19941  
 prices  
 control.....3924, 4339  
 processing.....28788  
 equipment.....35  
 products.....8713  
 programs.....8704  
 propagation...1348, 1366,  
 6430, 6440, 10842,  
 21306, 26711  
 pruning.....6422, 10838,  
 15963, 21302  
 quality.....8733, 8767,  
 18820, 24199, 28770  
 regulation and inspec-  
 tion.....5487  
 respiration..1058, 28805-6  
 situation and outlook...  
 4259, 8688, 28748  
 soils.....6787  
 Spain.....1359  
 spraying and dusting....  
 313, 348, 374, 15688,  
 20858, 22945, 23509,  
 26714  
 statistics.....14756  
 storage.....4373, 8771,  
 18843, 23762, 24217,  
 24219, 24241, 28778,  
 28805-6  
 diseases and pests....  
 14775, 25755, 28781  
 Switzerland.....24179  
 thinning.....1342, 1344,  
 1350-2, 1355, 6437  
 utilization.....5380,  
 13592, 14927, 28788  
 varieties....1341, 1358,  
 1371, 4257, 6420,  
 6424, 6430, 6436,  
 10042, 15903, 15953,  
 15962, 15968, 15971,  
 15978, 21298, 21310,  
 21312, 26715  
 Washington (State).....  
 24150, 24172  
 yields.....1343, 24150  
See also Crabapples.  
 Applesauce.....5478, 8767,  
 14928  
 Apricots.....5853, 14875  
 canned, regulation and  
 inspection.....5487  
 diseases.....808, 15522
- Item**  
 Apricots--Continued.  
 dried.....4370  
 drying.....9756  
 situation and outlook...  
 4286, 8696  
 varieties.....10041  
*Aprocephalus marginatus*...  
 12697  
 Aquatic fauna  
 poisoning of.....28106  
 Aquatic insects.....3503,  
 7703, 23156  
 Iowa.....12382  
See also names of fami-  
 lies and genera.  
 Aquatic plants....715, 945,  
 6677, 21449, 21493,  
 26394  
 Panama.....26152  
*Aquilegia*.....10000, 26459  
*Aquilegia pubescens*..16125  
*Araba*.....5822  
 Arabian tea.....21667  
 Araceae.....10181, 10196  
*Arachin*.....24414  
*Arachnida*  
 and disease.....564  
 France.....12577  
 hibernation.....22911  
 New Zealand.....12599  
See also common group  
 names; and names of  
 orders, families, and  
 genera.  
*Aralac*.....4167  
*Araneida*. See Spiders.  
*Araneus chiaramontei* n.  
 sp.....23101  
*Araucaria*, Cunningham.  
 wood.....26424  
*Araucosimus superbus* n.  
 sp.....3450  
*Arbanitis*.....12599  
*Arboretums*.....710, 1479,  
 15343, 16106  
*Arborvitae*.....10985  
*Archips argyrosipila*...9658  
*Archips funiferana*...18146  
 anatomy and physiology..  
 12857  
 Canada.....8109  
 control....18137, 20002,  
 23469, 28192  
*Archips murinana*....28183  
*Arctiidae*.....18147, 28207  
 Asia.....18117  
See also names of  
 genera.  
*Arctium minus*. See Bur-  
 dock, smaller.  
*Arctostaphylos manzanita*..  
 6532  
*Arctostaphylos uva-ursi*.  
See Bearberry.  
*Arctotis grandis*.....1464  
*Ardein*.....16942  
*Ardil*.....4239, 4243, 18734  
 Area of production. See  
under Agriculture and  
 specific subjects.  
*Areca*. See Betel-nut  
 palm.  
*Argas miniatus*.....17871  
 and diseases.....23098  
*Argas persicus*. See *Argas*  
*miniatus*.  
*Argasidae*  
 Central America....3363  
 Cuba.....3363
- Item**  
*Argasidae*--Continued.  
 North America.....3363  
See also names of  
 genera.  
 Argentina. Comisión  
 Nacional de Granos y  
 Elevadores....28815, 28821  
 Argentina. Consejo Agrario  
 Nacional.....24857  
 Argentina. Consejo Nacio-  
 nal de Postguerra...29123  
 Argentina. Government  
 publications.....25167  
 Argentina. Junta Regula-  
 dora de Granos.....28843  
 Argentina. Ministerio de  
 Agricultura  
 Dirección de Cereales,  
 Lino y Forrajes...25170  
 Dirección de Lechería...  
 24010  
 Argentina. Ministerio de  
 Agricultura y Cría...3371  
 Argentina. Tribunal de  
 Fiscalización de Semillas  
 10677  
*Argidae*.....23433  
See also names of fami-  
 lies and genera.  
*Argiope avara*.....17852  
*Argiope brünnichii*....7890  
*Argiopidae*  
 Haiti.....3360  
See also names of  
 genera.  
*Argygninae*.....28179  
*Argynnis*.....18108  
*Argynnis niobe sequanica*  
 n. race.....8130  
*Argyresthia*.....8116  
*Argyresthia ephipella*....  
 23457  
*Argyria sticticraspis*....  
 23501  
*Argyrtes*.....28222  
*Argythamnia argyraea*  
 n. sp.....15356  
*Arhaphes*.....7932  
*Ariasella pandellei* n. sp.  
 8007  
*Ariboflavinosi*.....2600  
 Ariz. Agr. Expt. Sta. 20258  
 publications.....14961  
 Ark. Agr. Expt. Sta.  
 Cotton Branch.....21123  
 Ark. Beekeepers Assoc.....  
 17789  
 Ark. Univ.....2229  
*Armadiillidiidae*.....28006  
See also names of  
 genera.  
*Armadiillidium vulgare*....  
 12564, 17908  
 Armed forces  
 botany.....26079  
 farming.....8693, 24810  
 food.....5211, 13445,  
 15183, 25049, 26030,  
 28433, 29408  
 forestry.....16642, 27178  
 health.....12419  
 pest control.....8054  
See also Equipment,  
 military; Land, mili-  
 tary; U. S. Army; Vet-  
 erans; Veterinary medi-  
 cine, Army; and under  
 specific subjects.



- Item**  
 Armillaria, root rot  
   of fruit.....15519  
 Armour and Co.....25640  
 Armyworms. See Cutworms.  
 Aromatic plants.....1701,  
   10199, 26083, 29049  
 Aromatics  
   synthetic.....19066  
   See also Flavorings;  
   Perfumery.  
 Aromia moschata.....3405,  
   3421, 3435  
 Arrhenurus.....23115, 23117  
   Washington (State), 23110  
 Arrhenatherum elatius  
   bulbosum. See Oatgrass,  
   tuber.  
 Arrhipis.....3409  
 Arrowroot.....4279  
 Arsenic  
   insecticides. 23137, 28240  
   toxicity.....22396  
 Arsenicals  
   fungicides.....6043  
   insecticides.....12623,  
     17915, 23148, 28174  
   residues.....27916  
 Arsenites  
   insecticides. 12390, 12432  
 Artemisia.....780, 15362  
   See also Wormwood.  
 Arteriosclerosis  
   in dogs.....7341  
 Arthmius.....17955  
 Arthonia cinnabarina..6016  
 Arthritis  
   in livestock.....11749  
 Arthropods.....17666  
   anatomy and physiology..  
     17671  
   and disease...659, 22925,  
     27891  
   as pests.....27867  
   control.....74  
   See also Fossil arthro-  
   pods; and names of  
   classes, orders, fami-  
   lies, and genera.  
 Articephala phasmella  
   n. sp.....3388  
 Artichokes.....6628, 21573  
   pests.....23168, 23191  
 Artificial insemination...  
   568, 2234-5, 2238,  
   7106, 11642, 16728,  
   16730, 16739, 27262  
   bees.....17784  
   Canada.....16890  
   cattle...2363, 2369, 2372,  
     2380, 2383, 7223,  
     9703, 11795, 11821,  
     16879, 16890, 16916,  
     16930, 20383, 20434,  
     22303, 22323, 22326,  
     22345, 27353, 27379  
   cooperatives.....2384,  
     2390, 2414, 7197,  
     9208, 7215, 16927,  
     22338, 22357  
   Great Britain.....16734  
   horses...2615, 7360, 17156  
   Italian East Africa.....  
     22342  
   Italy.....11636  
   poultry.....7427, 12066  
   sheep.....7622, 22807,  
     27785  
   U. S. S. R.....20550  
 Artificial Insemination  
   Inst. (Cambridge, Eng-  
   land).....16734
- Item**  
 Artificial limbs.....2150,  
   27199  
 Artisans. See Labor,  
   skilled.  
 Artocarpus. See Bread-  
   fruit; Jackfruit.  
 Artocarpus heterophyllus.  
   See Jackfruit.  
 Artocarpus integrifolia  
   See Jackfruit.  
 Arum.....10632  
 Arum italicum.....26432  
 Arundinaria.....26287  
 Arundo donax. See Giant  
   reed.  
 Asarum canadense.....1470  
 Ascaridae.....11751  
 Ascaridia lineata  
   in eggs.....27614  
 Asclepiadaceae. 20596, 20720  
 Asclepias.....26241  
   See also Milkweed.  
 Asclepias tuberosa...10975  
 Ascobolus.....10447  
 Ascochyta corticola  
   on citrus.....872  
 Ascochyta imperfecta. See  
   Black stem, of alfalfa.  
 Ascochyta trifolii  
   on clover, Egyptian....  
     15474  
 Ascoli's test..27307, 27322  
 Ascomycetae....10282, 15394  
 Ascorbic acid..25122, 29407  
   and health.....25124  
   in animal nutrition....  
     7237  
   in blood plasma.....5193  
   in food.....8816, 9433  
   in food processing. 9406,  
     13621  
   in fruit.....5252, 14573,  
     20248, 20257  
   in human nutrition.....  
     25114  
   in milk.....18577, 18630,  
     25102, 25773  
   in plants....1098, 10632,  
     10644-5, 26546  
   in vegetables..231, 5264,  
     5547, 9422, 9665,  
     14582, 14595, 19796,  
     20247, 25680  
   stability.....4375, 5264,  
     9460, 25098, 25126  
   therapeutic use.....9434  
   See also Dehydroascorbic  
   acid; Vitamin C.  
 Ashes  
   analysis and composition  
     21953  
   fertilizer...2037, 16548,  
     21942, 21950  
 Ashley Natl. Forest, Utah  
   and Wyo., maps.....5431  
 Asiatic rice borer. See  
   Chilo simplex.  
 Asilidae.....8018, 12375  
   China.....17973  
   Georgia.....12699  
   See also names of  
   genera.  
 Asociación Colombiana de  
   Ganaderos.....17870  
 Asociación de Criadores de  
   Ganado Holandés "Chile"..  
     2386  
 Asociación Nacional de  
   Ganaderos de Cuba. Misión  
   de Higiene Animal...27412
- Item**  
 Asociación Nacional de  
   Industriales de Cuba.....  
     19252  
 Asparagus.....1602, 7970,  
   26823  
   Canada.....18764  
   culture. 1641, 6646, 11020,  
     16237, 26834  
   diseases.....23151  
   harvesting.....25884  
   marketing.....18764  
   Palestine.....1645  
   pests.....23151  
   soils.....11187  
   Spain.....26839  
 Asparagus beetle. See  
   Crioceris asparagi.  
 Asparagus racemosus..15683  
 Aspen.....15706  
   management.....16617  
   utilization.....27201  
   wood.....7043  
 Aspen, quaking.....26425  
 Aspergillus  
   in turkeys.....2766  
 Aspergillus...10039, 10130,  
   15322, 15702, 26404  
 Aspergillus fumigatus....  
   26538  
 Aspergillus niger...13964,  
   15624, 15655  
 Aspergillus terreus..1037,  
   5300  
 Asperula odorata....10920  
 Asphodel.....10978, 29042  
 Asphondylia bidens n. sp..  
   23255  
 Aspidictus perniciosus....  
   18075, 23390, 28146  
   control.....23355  
   France.....23392  
   parasites and predators  
     of.....12558  
 Aspirators.....28310  
 Asplenium.....20726  
 Asses.....237, 2657  
 Assessment.....4722, 20293  
   France.....14058  
 Associated Seed Growers,  
   Inc., New Haven, Conn....  
     24501  
 Association des Api-  
   culteurs de Québec..12472  
 Association Forestiere  
   Québécoise....22163, 27244  
 Association of Operative  
   Millers.....8782, 8797  
 Aster.....21393  
 Aster yellows  
   of carrot.....6166  
   of ornamentals.....25666  
   of seed crops.....25667  
   of vegetables.....25667  
   of weeds.....25663  
 Aster yukonensis.....15357  
 Asteraceae.....5917, 10453  
 Asterolecanium arabisidis...  
   28136  
 Astragalus....768, 15378-9,  
   26189  
 Astragalus boeticus..11081  
 Atabrine.....28120  
 Ateniarius.....7921  
 Ataxia, in cats.....7351  
 Athyrium giganteum  
   n. sp.....20724  
 Athyrma.....18142  
 Athyrmella n. g.....18142  
 Atlantic Dairy Assoc. Inc..  
   13398
- Item**  
 Atlas moth. See Attacus  
   atlas.  
 Atmosphere, effect on  
   plants.....26480  
 Atracheta. See Bryophyta.  
 Atractides.....23115  
 Atropa baetica.....15580  
 Atropa belladonna. See  
   Belladonna.  
 Atrophy, muscular  
   in ducks.....7489  
   in horses.....12002  
 Atta, control.....8085,  
   12794, 12800, 23426,  
   28159  
 Atta cephalotes.....12793  
 Atta sexdens rubripilosa..  
   7905, 23425  
 Attacus atlas.....18149  
 Attagenus piceus.....9708  
 Attitudes.....9598  
   farmer...14072, 14469-70,  
     14472, 19703  
   measurement.....24908  
   women.....273, 25016  
   youth.....5107  
 Attractants, for insects.  
   See under Baits and  
   traps, for insects.  
 Atypus bicolor.....7902  
 Aubrietia.....1449  
 Auchenorhyncha.....3506  
 Auctions.....29255  
   See also subheads mar-  
   keting and shows and  
   sales under specific  
   subjects.  
 Audubon Sugar Factory. 9004  
 Auidus.....8056  
 Anjeszky's disease. See  
   Pseudorabies.  
 Aulexis.....17938  
 Aureogenus magnivenus....  
   15546  
 Australia.....5633  
 Australia. Bur. of Agr.  
   Econ.....24595  
 Australia. Council for  
   Sci. and Indus. Res. 19863  
 Australia. Royal Comm. on  
   Personal Covenant...14034  
 Australia. Wool Bd...13475  
 Autographa, control..23459  
 Autographa brassicae. See  
   Trichoplusia ni.  
 Automeris eophila....3557  
 Automeris io.....3568  
 Automobiles.....28328  
   conversion.....18302  
 Autoploidy. See Polyploidy.  
 Autopsies.....11724  
 Autotetraploidy. See  
   Polyploidy.  
 Auxins.....20987  
 Auxospores.....15600  
 Avena. See Oats.  
 Avetta, Carlo.....29466  
 Avicenniaceae.....5961  
 Avicularia.....17884  
 Avocados.....5839  
   culture.....1315, 15943  
   diseases. 1064, 1684, 15476  
   Guadeloupe.....21266  
   irrigation.....11341  
   nutritive value...19739  
   varieties...15942, 15946  
 Awards  
   food processing...14931,  
     25643  
   soil conservation..11362



- Axes.....2116  
 Azalea.....6571,21522,26741  
     culture.....21383  
     diseases.....20861  
 Azienda Tabacchi Italiani.  
     14296  
 Azolla filiculoides..20727  
 Azotogen.....2025
- B. C. Tree Fruits Ltd.....  
     4319  
 B. W. D. See Pullorum  
     disease.  
 Babcock test....4052,8522,  
     18576  
 Babesia bigemina.....27310  
 Babesia gibsoni.....11967  
 Bacillary white diarrhea.  
     See Pullorum disease.  
 Bacillus.....10285  
 Bacillus abortivus  
     equinus. See Salmonella  
     abortivoecina.  
 Bacillus actinoides. See  
     Actinobacillus acti-  
     noides.  
 Bacillus anthracis...16824  
     See also Anthrax.  
 Bacillus betle.....6142  
 Bacillus bombycoides  
     n. sp.....23537  
 Bacillus coli. See  
     Escherichia coli.  
 Bacillus larvae.....23015  
 Bacillus licheniformis....  
     23986  
 Bacillus popilliae...28033  
     See also Milky disease,  
     of Japanese beetle.  
 Bacillus whitmori. See  
     Malleomyces pseudomallei.  
 Bacon.....4510,18977-8  
     Canada...4495,4508,13828  
     canned.....13773  
     curing.....23904  
     Denmark.....25029  
     Eire.....24323  
     trade.....25029  
     vitamins.....9428,14607  
 Bacteria.....981,6764,  
     10137,15730,20619  
     anatomy and physiology..  
         6245,6289  
     culture media.....11701,  
         13381,20612,22257,  
         28229  
     destructive.....20164  
     heredity.....973,977  
     in insect control...8117  
     in insects.....23323  
     legume-nodule.....21714,  
         26913  
     nitrogen fixation.16306,  
         21718  
     pathogenic  
         to plants.....26372  
         to sheep.....27788  
     technique and equipment.  
         978,8240,20612  
     See also Bacterial dis-  
     eases; Soils, bacteria;  
     names of bacteria; and  
     under names of commodi-  
     ties.  
 Bacteriaceae.....26372  
 Bacterial canker  
     of cowpea. See Xantho-  
     monas vignicola.  
     of plum.....15535
- Bacterial diseases  
     of cherry.....909  
     of Dianthus.....856  
     of plants, transmission.  
         6145  
     of potato.....910  
     See also names of dis-  
     eases, organisms, and  
     hosts.  
 Bacterial ring rot, of  
     potato.....908,914,5562,  
         6148,10302,15532,  
         15536  
 Bacterial wilt  
     of eggplant.....20870  
     of tobacco.....9531  
     of tomato.....20870  
 Bacteriastrium.....15600  
 Bactericidal lamps...8230,  
     13032  
 Bacteriology...15309,26106  
 Bacteriophages.....7284,  
     15547,17018,23990-1,  
     24042  
 Bacterium anatum.....18936  
 Bacterium fluorescens....  
     18420  
 Bacterium linens.....28632  
 Bacterium marginatum  
     on gladiolus.....6143  
 Bacterium putidum.....18420  
 Bacterium pyocyanum.18420  
 Bacterium solanacearum  
     on banana.....913  
     on eggplant...6151,20870  
     on tobacco.....9531  
     on tomato....6151,20870  
 Bacterium synchyaneum.18420  
 Bacterium vasculorum  
     on Cuban royal palm....  
         15538  
 Bacteroids.....8135  
 Bactroceps n. g.....17861  
 Badister.....17965  
 Baetis.....12904  
 Bagasse.....8986,23655  
 Bagpod.....2485  
 Bags.....2017,8624,18650  
     jute.....4219  
     paper.....24298,27930  
 Bagworms. See Psychidae;  
     Thyridopteryx ephemeræ-  
     formis.  
 Bahia grass.....21178  
 Bailey, Liberty Hyde..5298  
 Baits and traps  
     for fish.....3636  
     for insects...3099,3175,  
         3623,5396,12645,  
         12874,18029,23473,  
         23549,27916,28224-5  
     attractants.....3593,  
         17974,28029  
 Baker, Richard St. Barbe..  
     16569  
 Bakery products.5261,14958  
     analysis and composition  
         13184  
     frozen.....23883,23887,  
         28492-3  
     regulation and inspec-  
     tion.....5487  
 Bakewell, Robert.....25201  
 Baking.....14538  
     See also Bread, baking;  
     Dough.  
 Balanites aegyptiaca.10642  
 Baldcypress, wood...22093,  
     26424  
 Balers....3721,8236,13025,  
     23664
- Ball, John.....9487  
 Balm tree, Peru balsam....  
     4697  
 Balsa.....20082  
     wood.....9602  
 Balsam of Peru. See  
     Balm tree, Peru balsam.  
 Baltimore Bank for Coops..  
     29089  
 Baltimore Chamber of Com..  
     28814  
 Balzabamba n. g.....28005  
 Bamboo.....1708,9582,9841,  
     10043,21683,26874  
 Banana, Abyssinian...10734  
 Banana-peel meal.....13582  
 Banana root borer. See  
     Cosmopolites sordidus.  
 Bananas.....118  
     anatomy and physiology..  
         20942  
     Argentina.....28733  
     Australia.....6418  
     Colombia....18755,28724  
     Costa Rica.....9924  
     Cuba.....18771  
     culture.....6410  
     diseases...825,913,15523,  
         20814,20860,20884  
     dried.....13626,18835,  
         18840,23149,25135  
     flour..13582,13626,18835  
     India.....21271-2,26701  
     Italian East Africa....  
         26692  
     Italy.....13570  
     pests.....3396,3437  
     trade.....19707  
     waste, as feed....26012  
 Banco Agrícola de Bolivia.  
     19216  
 Banco Agrícola y Pecuário,  
     Caracas, Venezuela..19217  
 Banco de Bolivia.....14046  
 Banco del Paraguay...19299  
 Banco do Brasil.....14036  
 Banco Nacional de Costa  
     Rica.....23846  
 Banco Nacional de Crédito  
     Agrícola, S. A., Mexico..  
         14037,29088  
 Banco Nacional de Crédito  
     Ejidal, Mexico.....14042  
 Bangalala.....12686  
 Bang's disease. See  
     Brucellosis.  
 Bankhead-Jones Farm  
     Tenant Act, 1945...4982,  
         9637  
 Banks, Sir Joseph....25192  
 Banks and banking....9067,  
     25032,25307,29084,  
     29089-90  
     credit...4725,9068,9216,  
         14033,14040,19220-3,  
         24633  
     Morocco.....24627  
     See also Credit.  
 Baphia.....10225  
 Baphiastrum.....10225  
 Baptisia. See Indigo,  
     wild.  
 Barbecue pits. See Pits,  
     barbecue.  
 Barberry.....6109  
     control.....1672,20835  
     diseases.....10356  
     See also Berberis.  
 Barium chloride.....7367
- Bark.....19154  
     See also under names of  
     trees.  
 Bark beetles. See names  
     of genera.  
 Barley.....4393  
     analysis and composition  
         4383  
     anatomy and physiology..  
         969,6257,20997  
     Argentina.....26601  
     as feed.....3043  
         for lambs.....27780  
         for swine.....26048  
     biochemistry.....10514,  
         10588,10634,15722,  
         20593,20997,21016,  
         26541  
     breeding.....10690  
     Canada.....4398  
     culture.....1142,10704,  
         15761,15794,15829,  
         21066,26595  
     diseases...85,990,6082,  
         10333,10339,15460,  
         15501,15506,15511  
     drying.....8781  
     fertilizers.....16401  
     France.....21068  
     futures.....25364  
     India.....21062  
     Italian East Africa....  
         10685  
     malting.....18891  
     market reports....9612,  
         25502  
     pests.....17942  
     seed  
         testing.....26023  
         treatment..15511,26315  
     spraying and dusting....  
         9658  
     storage.....8781  
     Sweden.....21078  
     varieties...292-3,15772,  
         21082,21092,21098,  
         26582  
     yields.....25787  
 Barley, irregular. See  
     Hordeum irregulare n. sp.  
 Barley, two-row.....10333  
 Barlow Report.....5725  
 Barnard, George.....28208  
 Barns....13099,15148,23725  
     23729,23755  
     cleaning.....3828  
     construction.....8332  
     equipment....3674,23718  
     pen type.....9687  
     sanitation...22298,28062  
     tobacco  
         equipment.....25760  
     See also Dairy barns;  
     Milking barns; Sheds.  
 Barnyards.....5613,8284  
     concrete.....28423  
 Barracks.....8054  
 Barrels.....2175-6,7060,  
     11579,16672,22127-8,  
     27210-11  
 Barriers, for insects.....  
     5577,25868  
 Bartlett, Ira D.....12550  
 Bartoo, Dorr Raymond.19833  
     publications.....19833  
 Basements.....13059  
 Basidiomycetae.....6004,  
     15394,15407  
 Basil.....1838  
 Basil, camphor.....6713,  
     20168



- Item**  
 Basswood. See Linden.  
 Bast fibers...20525, 24081, 26438-9  
 Bastet, A.....28322  
 Bathyscia.....7945  
 Batrachospermum. 6190, 10272  
 Bats.....560, 2355, 15454, 22233  
   parasites.....23297  
 Batteries, storage....136  
 Bay-rum tree.....11085  
 Bayberries  
   wax.....9022, 19168  
 Bdellidae.....7897  
   See also names of genera.  
 Beams  
   box.....20098  
   laminated.....124  
 Bean weevil. See Acanthoscelides obtectus.  
 Beans  
   anatomy and physiology.. 10470, 10535, 10587  
   as feed.....9899, 29237  
   for lambs.....27780  
   blanching.....25098  
   cooking.....25098  
   costs and returns...9899, 25688, 25902, 29237  
   culture.....1594, 6638, 6650, 6664, 9899, 15065  
   diseases.....6021, 6141, 10392, 15488, 15521, 20874, 26369  
   dried...4341, 5370, 5383, 9646, 16203, 19964, 20148, 25098  
   market reports...25503  
   situation and outlook. 25327  
   fertilizers...6815, 6819, 21959  
   for processing.....4375, 6815, 15065  
   Great Britain. 9899, 29237  
   harvesting...16203, 25768  
   labor.....25768  
   marketing.....25688  
   New Zealand.....21589  
   nutritive value...25098, 25123  
   pests...3118, 7960, 12439, 23369, 23459  
   picking.....5638  
   regulation and inspection.....25473  
   seed.....28999  
   spraying and dusting.... 6141  
   storage.....25098  
   subsidies.....19410  
   varieties.....1616, 1654, 6658  
   vitamins.....25098  
   See also Broadbeans; Soybeans.  
 Beans, kidney  
   Bulgaria.....16197  
   pests.....28175  
 Beans, lima.....6648, 11022  
   anatomy and physiology.. 15636, 20973  
   diseases.....6113  
   nutritive value...5262, 19766  
   pests.....23458  
   varieties.....1587  
 Beans, mung.....281, 9779, 20923, 21600
- Item**  
 Beans, pinto.....20302  
 Bearberry.....6712  
 Bearings (machinery). 3696, 18308  
 Bears.....12369  
 Beauveria bassiana...27855  
 Bedbugs. See Cimex.  
 Bee Diseases Insurance Ltd.....3223  
 Bee Pest Prevention Act (North. Ireland) 1945.... 3194  
 Bee trees.....17800, 27946  
 Beech.....6173, 6308, 10402, 10437, 11476, 21032, 21046  
   diseases.....10332  
 Beech, European  
   culture.....10655, 10660, 10669, 15740  
 Beechnut oil....8896, 13858  
 Beef.....13766  
   Argentina.....13808  
   associations.....28868  
   Australia.....4447, 4453, 4456, 4468, 4471  
   baby.....1705F  
   Canada.....8852, 28868  
   extracts.....25090  
   frozen.....24349  
   grading and standardization.....8832, 24362  
   Great Britain.....4481  
   Italy.....8887, 13824  
   marketing.....8832  
   nutritive value...29405  
   programs.....14754  
   quality.....8870, 24362  
   regulation and inspection.....5487, 9651  
   situation and outlook... 4450, 24338, 28857  
   Southern Rhodesia..13777  
   statistics.....9624  
 Beef stew  
   frozen.....28504  
 Beer.....8474, 8781, 9426, 13309, 14527, 25116, 28530, 28552  
   packaging.....28525  
 Bees.....28160  
   New Guinea.....7829  
   Palestine.....18086  
   venom.....7795, 7808, 12460, 17765, 17802, 26413  
   See also Apiculture; Apis; Bumblebees; and names of families and genera.  
 Beeswax....3208, 3225, 3234, 7772, 7787, 7795, 7801, 7818, 7840, 12506, 17753, 17776, 17782, 17790, 17799, 17819, 23095  
   Australia.....23903  
   utilization.....23020  
 Beet leafhopper. See Eutettix tenellus.  
 Beetles. See Coleoptera.  
 Beets  
   anatomy and physiology.. 1021, 1059, 6249, 6474, 15652, 21012  
   as feed.....11842  
   for lambs.....22370  
   for swine.....17624  
   biochemistry.....10617  
   canning.....5479
- Item**  
 Beets--Continued.  
   costs and returns. 19491, 29225  
   culture.....27085  
   diseases.....6081  
   equipment.....12991  
   fertilizers.....16354  
   for processing.....19491  
   forage plant.....26643  
   France.....9086  
   Germany.....21599  
   harvesting.....29225  
   Italy.....11053  
   labor.....9086  
   pests.....23201, 23482  
   seed.....26850  
   situation and outlook... 14933  
   Spain.....28439  
   U. S. S. R.....26850  
   utilization....13586-7, 13589  
   varieties.....21012  
   yield.....26631  
   See also Mangels; Silage, beet; Sugar beets.  
 Beggarweed, Florida. See Tickclover, Cherokee.  
 Begonia.....171, 758, 5977, 20679  
   culture.....1412, 1553, 16148, 26815  
   diseases.....6169  
   history.....1439  
   pests.....12422  
   propagation.....16035  
   varieties...1422-3, 1489, 1565, 6486, 5540, 16024, 21374  
 Begonia dregei.....955  
 Begonia nitida odorata alba.....10884  
 Begonia rex...16055, 26465, 26518  
 Begonia semperflorens.... 16071  
 Begoniaceae.....734  
 Béguinot, Augusto....29477  
 Behuria.....20680  
 Belerus.....7912  
 Belgamnia.....7969  
 Belgian Congo. Service de l'Agriculture et de la Colonisation.....14100  
 Belgium. Station de Phytopathologie.....26316  
 Belgrano, Manuel.....19328  
 Belladonna.....928, 21661, 26869  
 Bellicositermes natalensis 28233  
 Beloperone.....16034  
 Belostomatidae.....18067  
   See also names of genera.  
 Belts.....18240, 18247  
 Benham Com.....29027  
 Bentgrass.....1185, 6298  
 Bentonite.....28542  
 Benzene.....10577  
 Benzene hexachloride, gamma. See 1,2,3,4,5,6 Hexachlorocyclohexane.  
 Benzoic acid.....19723  
   See also 2-Chloro-3, 5-dibromobenzoic acid; 2-Chloro-3, 5-diiodobenzoic acid.  
 Benzol test.....24134
- Item**  
 Benzyl benzoate.....12565  
 Berberis.....26183  
   See also Barberry.  
 Berberis linearifolia.... 10909  
 Berberis lologensis..10909  
 Berland, L....12570, 12666, 12716, 28020  
 Bermuda grass...2501, 11062  
   as feed.....22185  
 Bernardia.....26207  
 Berries.....1290, 10036  
   associations.....28747  
   Canada.....1385, 8708  
   culture.....1391, 6445-6, 6449  
   diseases.....15480  
   drying.....24267  
   for processing.....1376  
   harvesting  
     equipment.....3760  
   Northern Ireland...21330  
   pests.....9658  
   pruning.....5645, 15906  
   spraying and dusting.... 375  
   statistics.....5669  
   varieties...10848, 15992, 21320, 21343  
   See also names of berries.  
 Berseem. See Clover, Egyptian.  
 Bertrand, Paul.....5305, 29471  
 Betaine.....7173, 15714  
 Betel-nut palm.....11103  
 Betula.....5964  
   See also Birch.  
 Betula celtiberica...10213  
 Betula kirghizorum...26506  
 Betula lutea. See Birch, yellow.  
 Betula papyrifera....5912  
 Beverages.....5587, 23805, 26873, 28562  
   alcoholic.....18517  
   analysis and composition 13304  
   Argentina.....26118  
   Bolivia.....5795  
   Chile.....5796  
   Colombia.....5797  
   Costa Rica.....20535  
   Ecuador.....5798  
   Paraguay.....15207  
   Peru.....5799  
   U. S. S. R.....28538  
   Uruguay.....5800  
   Venezuela.....5801  
   See also Brewing; and names of beverages.  
 Bibio.....7991, 28068  
 Bibionidae  
   Nearctic.....7991  
   See also names of genera.  
 Bibliographies.....15306  
   accounting.....19917-18  
   agricultural products... 15308  
   agriculture....660, 5299, 5769, 15308, 20621, 25470  
   Belgian Congo....14620  
   Canada.....5279  
   China.....9871  
   animal nutrition..11648, 11690  
   biological sciences.5238



- Item**  
 Bibliographies--Continued.  
 black spruce.....20097  
 botanical periodicals...  
     10103,15286  
 botany.....10136,19833-4  
 breeding of livestock...  
     11633  
 brucellosis.....2289  
 buildings.....176,9628  
 Camponotus herculeanus  
     pennsylvanicus.....5499  
 cartels.....5728  
 cattle.....11921  
 cattle, dairy, breeds...  
     5405  
 cattle diseases.....5404  
 cattle lactation.....22430  
 cattle reproduction.....  
     22430  
 Cuba.....29453  
 DDT.....78  
 dehydration.....5336,  
     5379  
 Derris.....1723  
 drainage.....193  
 earth construction.....178  
 economics.....19949  
 education.....20478  
 electricity, Canada.....  
     5279  
 farm papers.....25468  
 farming.....20474  
 food.....596,20237  
 food supply, China..9871  
 forestry.....5436  
     Canada.....5279  
 freezing of foods..5379,  
     25285  
 glue.....14843  
 grasshoppers and  
     locusts.....8140  
 home management...20237,  
     20393  
 horses.....5806,12037,  
     19977  
 horticultural organiza-  
     tions.....20123-4  
 housing.....9913,25399  
 ice cream.....4014  
 insecticides.....5410,  
     7716,14791  
 irrigation.....193  
 land economics.....14762  
 land settlement.....5279  
 Latin America.....10077,  
     25185  
 legislation.....14786,  
     14855  
 migratory labor...20487  
 motion pictures...20121,  
     25463  
 Netherlands East Indies.  
     671  
 nutrition (human)...596,  
     14796,20237  
 peace.....25397  
 periodicals.....154  
 plywood.....14843  
 policies and programs...  
     9878  
 population, Canada..5279  
 postwar agriculture.....  
     20025,20609  
 postwar planning...518,  
     5445,5754,9907,25465,  
     25992  
 poultry diseases...17306  
 prefabrication.....15149  
 pulp and paper....14843,  
     27229
- Item**  
 Bibliographies--Continued.  
 ranges.....25438  
 reconstruction.....20609  
 relief and rehabilita-  
     tion, China.....9871  
 research.....25992  
 rural life.....25874  
 school lunches.....25644  
 schools of forestry.....  
     25442  
 sedimentation.....14910  
 seed identification....  
     14889  
 sheep.....12289  
 social sciences.....5328  
 soil conservation..25630  
 straw.....545  
 study and teaching..14806  
 swine.....12373  
 textiles.....542  
 training of horses..19977  
 United Nations Relief  
     and Rehabil. Admin..665  
 U. S. Tenn. Valley  
     Authority.....20624  
 veterans.....20609  
     advisory services....  
     9584  
 victory gardening...9611  
 water power, Canada.5279  
 wood.....140,14843,  
     20106  
 wood preservation...130  
 wood seasoning.....20099  
See also subhead publi-  
cations under names of  
authors and issuing  
agencies.  
 Bichimaelia.....17875  
 Big bud, of tomato...20881  
 Big vein, of lettuce..6158  
 Bighead. See Osteoporosis,  
     in horses; Photosensiti-  
     zation.  
 Bignonia venusta. See  
     Pyrostegia venusta.  
 Bignoniaceae.....20688,26285  
 Billbergia.....5978  
 Billbergia zebrina...26760  
 Binders..12992,18259,18280  
 Bindweed.....999,1685  
     anatomy and physiology..  
     26441  
     control.....1691,21638  
 Bins.....9919,13100,18368,  
     28396  
 Biochemistry.....19867  
     See also under specific  
     subjects.  
 Biogeography.....27856  
 Biographies.....657  
     See also under names of  
     persons.  
 Biological balance. See  
     Nature, balance of.  
 Biological control  
     of insects...3121,3605,  
     8117,10043,12789,  
     17712,17727,17997,  
     18052,18070,18111,  
     22983,23222,23364,  
     23401,23468,27869,  
     27921,28033,28168  
     of weeds.....22989  
     of wildlife.....5277  
 Biological Stain Comm.....  
     650  
 Biology..5872,15310,15313,  
     20622,25188
- Item**  
 Biology--Continued.  
 statistical methods....  
     19811  
 study and teaching..19810  
 technique and equipment.  
     20643  
 Biometry. See subhead  
     statistical methods under  
     Biology, Botany, Ento-  
     mology.  
 Biotin.....17133  
 Birch.....1053,10706  
     anatomy and physiology..  
     20992  
     wood.....5439,14839  
     See also Betula.  
 Birch, paper. See Betula  
     papyrifera.  
 Birch, yellow  
     anatomy and physiology..  
     21047  
     wood.....128  
 Birds.....184,7697  
     and disease.....17337  
     anting.....7697  
     as pests.....5544,6035,  
     9684,20780  
     insect food..7689,17696,  
     23533,27859,28183  
     poisoning...23148,27927  
     West Virginia.....5558  
     See also names of birds.  
 Bisethylxanthogen. See  
     K preparation.  
 Bixa orellana. See  
     Anatto tree.  
 Bixadus sierricola...12647  
 Black blowfly. See Phormia  
     regina.  
 Black carpenter ant. See  
     Camponotus herculeanus  
     pennsylvanicus.  
 Black carpet beetle. See  
     Attagenus piceus.  
 Black cherry aphid. See  
     Myzus cerasi.  
 Black flies. See Simuli-  
     dae.  
 Black flour beetle. See  
     Tribolium madens.  
 Black markets.....3894,3899,  
     8398,13781,13802,  
     18497,19099,24356,  
     24476  
     See also under names of  
     commodities.  
 Black rot  
     of rutabaga.....912  
 Black scale. See Saissetia  
     oleae.  
 Black spot  
     of apple. See Scab, of  
     apple.  
     of rose.....312,6061  
 Black stem  
     of alfalfa.....10353  
 Black vine weevil. See  
     Brachyrhinus sulcatus.  
 Black walnut oil....13837  
 Black widow spider. See  
     Latrodectus mactans.  
 Blackberries...1387,10036,  
     15986  
     cooperatives.....24188  
     culture.....10852,26725  
     diseases.....20771  
     varieties.....15985  
     See also Rubus.
- Item**  
 Blackhead.....12092  
     in turkeys...2770,12092,  
     12099,12105,12117,  
     22673,22683  
 Blackleg (animal)  
     in calves.....11885  
     in cattle....22831,27407  
     in sheep.....22831  
     See also Clostridium  
     chauveli.  
 Blackleg (plant)  
     of broccoli.....838  
     of potato.....20867  
 Blacksmithing.....14404,  
     18218,18364-5,28249  
 Blaesoxipha.....5822  
 Blair, K. G.....3385  
 Blake, Sir Henry.....25177  
 Blakea.....10202  
 Blanching.....4241-2,8448  
     See also under specific  
     subjects.  
 Blaniulus guttulatus..12602  
 Blastophaga.....3529  
 Blatta orientalis...12868,  
     12874  
 Blattella germanica..12874  
     control.....23518,23521  
 Bleaching. See under  
     specific subjects.  
 Blepharida.....17922  
 Blight (animal). See  
     Keratitis, infectious.  
 Blight (plant)  
     of barley.....85  
     of chestnut.....9699  
     of potato...10296,20848  
     of tomato.....25810  
     See also Early blight;  
     Fire blight; Late  
     blight; Red leaf  
     blight.  
 Blind-seed disease  
     of ryegrass..1220,26332,  
     26346,26358  
 Blinders.....28248  
 Blindness, in poultry.....  
     27606  
 Blissus hirtus.....23367-8  
 Blissus leucopterus..5577,  
     22959,23406  
     control.....12770,25868  
 Blister rust  
     of Sierra currant...6105  
     of Sierra gooseberry....  
     6105  
     of white pine.....885,  
     19996-7,20006,20808  
 Bloat.....11712,16789  
     in cattle.....7256,9717,  
     16988,17032,17034,  
     22389  
     in livestock.....2335  
     in rabbits.....2972  
     in sheep.....22827  
 Blood  
     analysis and composition  
     2324,7638,7177-8,  
     17566,27405  
     of cattle.....2651,17017  
     of dogs.....7350  
     of horses.....2651,7377  
     of insects....7970,8107,  
     8122,12746,12867,  
     28151  
     of poultry...22630,27627  
     of rabbits.....7605  
     of sheep....17566,27784  
     serum.....17186-8



- Blood--Continued.**  
 tests.....11856,11889,  
                   22891,27627  
 transfusion....2322,7169  
   for horses.....12007  
   for livestock....22227  
 utilization...7130,13778
- Blood bank.** See Blood,  
 +transfusion.
- Blood donors.**.....15064
- Blowflies.**.....12488,17978  
 control.....3454,8011  
See also names of  
 genera.
- Blue-corn disease.** See  
 Fullet disease.
- Blue Cross Plan of**  
 Hospitalization (Canada).  
                                   19619
- Blue mold, of tobacco.**  
See Downy mildew, of to-  
 bacco.
- Blueberries.**.....15986  
 breeding.....19971  
 Canada.....18777,28734  
 culture.....1375,26717  
 diseases.....6160,20871  
 frozen.....4338  
 prices.....4338  
 propagation.....9702
- Blueberry maggot.** See  
 Rhagoletis pomonella.
- Bluebonnet, Texas.** See  
 Lupinus.
- Bluegrass, big.**.....6374
- Bluegrass, Kentucky.**.....991,  
                   1193,1243,6359,  
                   6675,10478,16122  
   as feed.....22629
- Bluestem.**.....288
- Bluestem, little.**.....10750
- Bluetongue, in sheep.**.....  
                   12272,27793
- Bo tree.**.....672,1031
- Boars.**.....3036,3038,12309,  
                   17603,17606,17610,  
                   22858,22860,27838-9
- Boats, plywood.**.....11571
- Body louse.** See Pediculus  
 humanus corporis.
- Boehmeria nivea.** See  
 Ramie.
- Boerhaavia diffusa.**.....773
- Bogs, peat.**.....948
- Boilers.**.....12967
- Polbothrips aztecus** n. sp.  
                                   3628
- Boletaceae.**.....6011,20748
- Bolivar Urrutia, Ignacio.**..  
                                   19846
- Boll rot, of cotton.**.....26303
- Boll weevil.** See Anthono-  
 mus grandis.
- Boloria.**.....18148
- Boloria arsilache.**.....3608
- Bolter, Andrew.**.....27857
- Bomarea.**.....5987
- Bombay Plan, India.**.....5736,  
                   9043,9896,24693,  
                   29152
- Bombay Prov. Co-op. Mktg.**  
 Soc., Ltd. ....25005
- Bombed areas.**.....7825
- Bombomima grossa.**.....7691
- Bombus.**.....7771,18085,28158
- Bombyx mori.**.....556,3625,  
                   23535,28229  
   anatomy and physiology..  
     12891,18173  
   as food.....19767  
   development.....23540
- Bombyx mori--Continued.**  
 diseases.....12887-8,  
                   18168-9,23537-8,28227  
 races.....12889  
 rearing and breeding....  
     582,590,18174-5  
See also Sericulture.
- Bombyx neustria.**.....28172
- Bone marrow**  
 of dogs.....27488
- Bone tumor.** See Osteoma.
- Bonemeal.**.....2021,11418  
 as feed, for cattle.....  
                   13457
- Bones**  
 as fertilizer.....11406  
 fractures.....22519  
 of poultry.....27584  
 trade.....19714  
See also Osteology.
- Bonito.**.....19169
- Bonnemaïsonaceae.**.....15640
- Bonneville Admin.**.....10058
- Bookkeeping.** See Account-  
 ing.
- Books, pests.**.....7881
- Boophilus annulatus.**.....28016  
 Argentina.....3371  
 Colombia.....17870
- Boophilus annulatus**  
 decoloratus.....23137
- Boophilus annulatus**  
 microplus.....17740,23103
- Borage.** See Borago.
- Borago.**.....10894
- Borax, effect on plants.**.....  
                   6081,6819,26476
- Bordeaux mixture.**.....6039,  
                   15448,26362-3
- Borden Dairy Delivery Co.**  
                                   24234
- Boreus hyemalis.**.....8143
- Borg, John.**.....19856
- Boric acid.**.....1756,27194
- Insecticides.**.....23518
- Boron**  
 effect on plants...1021,  
                   1062,1176,6023,  
                   6081,6254,6270,  
                   6768,16200,16540,  
                   21012,21026  
 fertilizers.....6923,  
                   11286,16338,16539,  
                   27099  
 in food.....13670  
 in plants...10549,11239,  
                   15695-6,15698,21021,  
                   26527  
 in soils.....11239
- Bostrichidae.**.....12605
- Belgian Congo.**.....7964
- India.**.....28015  
See also names of  
 genera.
- Botanic gardens.**.....10129  
See also names of  
 botanic gardens.
- Botanists.**.....5907,9487,  
                   10018,10136,10140,  
                   10159,20630  
See also names of  
 botanists.
- Botany.**.....5849,10001,10024,  
                   20594,25238,26065,  
                   26072,26085,26087,  
                   26148  
 bibliographies.....10136  
 collecting and collec-  
 tions.....16247,20725  
 Colombia.....5841
- Botany--Continued.**  
 economic.....632,5858,  
                   15264  
 glossaries.....10012  
 history...690,9487,26144  
   Latin America....10159  
 India.....699  
 Latin America.....5858  
 Michigan.....9685  
 nomenclature.....5895,  
     5910,10155,10233,14621,  
     15325,15334,20650  
 periodicals.....15286  
 statistical methods.....  
     684,1243,6702,15781,  
     20648,20654,20661,  
     26146-7,26156,26158  
 study and teaching...634,  
     703,15289,15589  
 systematic....743,26172,  
     26177  
 technique and equipment.  
     704-5,5884,5889,  
     10100,10117-18,10125,  
     10134-5,10139,10475,  
     10637,15572,20641,  
     20645,20651,20660,  
     20663,21000,26122,  
     26143,26429  
 terminology..15920,20672  
 U. S. S. R.....26171  
See also Flora; Plants;  
 Vegetation.
- Botflies.** See Gastero-  
 philus.
- Botrychium lanuginosum.**....  
                                   20723
- Botrychium minganense.**.....785
- Botrychium multifidum**  
 oneidense.....10245
- Botryomycosis**  
 in horses.....27525
- Botrytis**  
 on gladiolus.....900
- Botrytis convoluta.** See  
 Rhizome rot, of iris.
- Bottle washers.**.....13023
- Bottles.** See Milk, con-  
 tainers.
- Botulism.**.....9681,18416  
 in cattle....2643,12271  
 in horses.....2643  
 in sheep.....12271
- Bouillon.**.....13989
- Bouteloua curtipendula.**  
See Grama, side-oats.
- Bouteloua eriopoda.**.....15731
- Bouteloua gracilis.** See  
 Grama, blue.
- Bouvier, Louis.**.....9502
- Bovicola bovis.**.....8159
- Bowles, Chester.**.....14925
- Bowling, G. A.**.....16915
- Box (plant).** See Buxus.
- Boxes**  
 fiberboard...16699,22146  
 paper and paperboard....  
     7073,11604,16691,  
     22142,28474  
 wood.....7059  
See also Wood boxes.
- Boxwood leaf miner.** See  
 Monarthropalpus buxi.
- Boy Scouts of Amer.**.....14442
- Boykinia jamesi.**.....21462
- Boynton's tissue vaccine.**..  
                                   17646
- Boysenberries.**.....1390
- Brachiaria distachya.**.....803
- Brachiaria ramosa.**.....20700
- Brachyluta.**.....7957
- Brachymetra.**.....28139
- Brachynidius maublanci**  
 n. sp.....12620
- Brachypremna.**.....3441
- Brachyrhinus sulcatus.**....  
                                   17923
- Brachystylodes.**.....3418
- Bracken.**.....3274,17409
- Bradshot.** See Braxy.
- Bradynobaenus wagenknechti**  
                                   12801
- Brain, of cats.**.....2599,7351
- Bran.**.....8795,13183,18878  
 as feed  
   for rabbits.....17497  
   for swine.....17626
- Branding.** See subhead  
 identification under  
 names of animals.
- Brassica.**.....14886  
 diseases.....6094  
 pests.....23476
- Brassica juncea var.**  
 lineasifolia..21010,26242
- Brasilia coeca.**.....3198
- Braxy, in sheep.**.....22839
- Brazil. Instituto de**  
 Óleos.....19803
- Brazil. Instituto de**  
 Texteis.....19803
- Brazil. Ministério da**  
 Agricultura, Departamento  
 Nacional da Produção Ani-  
 mal, Divisão de Inspeção  
 de Produtos de Origem  
 Animal.....4104
- Brazil nuts.**.....4267,28744
- Brazoria.**.....26207
- Bread.**.....330,469,8779,8821,  
                   9982,14576,24270  
 analysis and composition  
     13670,13692,24284,  
     28604  
 baking.....28307,28839  
 beet.....13586-7,13589  
 fortified.....159,9444,  
     9458,25053,25113  
 France.....13692  
 from brewing residue...  
     14527  
 history.....25060  
 nutritive value...5363,  
     9455,25088,25093,  
     25110  
 quality.....25059,28816  
 vitamins.....9469,29421  
 whole-grain...9455,25113  
See also 4-H Clubs,  
 bread.
- Breadfruit.**.....6413,21660
- Breakfast.**.....360,468,  
                   5204,9984
- Breakfast foods.**.....9457,24296
- Bremia lactucae.**.....6110
- Breslau bacillus.** See  
 Salmonella enteritidis.
- Bretton Woods Agreement.**..  
                                   15208,18700
- Bretton Woods Monetary and**  
 Financ. Conf.....99
- Brevicoryne brassicae.**....  
                                   3500,23358,23387
- Brewers' and distillers'**  
 byproducts...25504,25527,  
                   28537,28837  
 as feed.....27283  
 for horses.....27511  
 for poultry.....27596  
 for swine...17630,27596
- Brewers' yeast.** See  
 Yeasts, brewers'.



- Item**  
 Brewing.....13291,14706,  
     15161,19790,28520  
     industry.....20139  
     materials.....28529,28537  
     research.....23916  
 Brexia.....10231  
 Brick.....23784  
 Bright's disease  
     in dogs.....17127  
 Brining. See Preservation  
     of food; and subheads  
     preservation, salted, and  
     salting under names of  
     products.  
 Bristle grass..10748,14888  
 Bristle tails. See  
     Thysanura.  
 British Beekeepers Assoc..  
     23012  
 British Boys for British  
     Farms Scheme..19578,19587  
 British Columbia Fruit  
     Growers' Assoc.....18794  
 British Honduras, Dept. of  
     Agr.....29434  
 British Museum (Nat.  
     Hist.).....23147  
 Britton, Nathaniel Lord...  
     9491  
 Briza maxima. See Quaking  
     grass, big.  
 Broadbeans.....20934,26847  
     anatomy and physiology..  
     21006  
     heredity.....979  
 Broccoli...1591,1656,26837  
     culture.....6669,21747  
     diseases.....838  
 Brockton Coop. Egg  
     Auction Assoc., Inc..4606  
 Brodiaea uniflora.....742,  
     6512  
 Broilers. See Poultry.  
 Brome.....186,5592,6378,  
     9674,10759,11264,  
     14275,16363,20940,  
     21020,21126  
     hybrids.....20941  
 Brome, cheat-grass....1234  
     See also Bromus  
     tectorum.  
 Brome, poverty. See  
     Bromus sterilis.  
 Brome, rescue.....20350  
 Brome, smooth.....26625  
 Bromeliaceae.....5922,  
     10025,15385,26753  
 Bromeliads.....1452,16046  
 Bromus. See Brome.  
 Bromus arduennensis..26415  
 Bromus catharticus. See  
     Brome, rescue.  
 Bromus guetrotii.....5920  
 Bromus mango.....761  
 Bromus sterilis.....5920  
 Bromus tectorum.....5920  
     See also Brome, cheat-  
     grass.  
 Bronchitis  
     in cattle.....17021  
 Bronchopneumonia  
     in calves.....16981  
     in cattle.....17021  
     in horses.....7393  
 Bronx Zoo. See N. Y.  
     Zoological Park.  
 Brooders...3823,5665,20245  
     electric.....265,3799,  
     3825,9810,25668  
     equipment.....3815  
**Item**  
 Brooders--Continued.  
     home-made.....3813,9810,  
     25668  
 Broom (plant)..9925,15195,  
     18674  
     See also Weavers-broom.  
 Broom, Scotch..26611,28673  
 Broom millet. See Broom-  
     corn.  
 Broomcorn..1147,6326,21085  
 Broomweed. See Snakeweed.  
 Brotero, Félix de Avellar.  
     26177  
 Brouard, G. A., Frère..10032  
 Broun, Thomas.....23147  
 Broussonetia papyrifera.  
     See Paper-mulberry.  
 Brown, Robert.....9501  
 Brown bast, of Hevea..6076  
 Brown dog tick. See  
     Rhipicephalus sanguineus.  
 Brown loam soils.....6836  
 Brown root rot  
     of tobacco.....26917  
 Brown rot  
     of apple.....6138,10381  
     of citrus.....15457  
     of fruit.....10342  
     of peach.....6095,14776  
     of plum.....6095,15522  
     of potato.....15534  
 Brown-tail moth. See  
     Nygmæa phaeorrhoea.  
 Bruce, A. B., Mendelian  
     Thory of Heredity...20949  
 Brucella.....27303  
 Brucella abortus.....50,  
     11715,11895,13391,  
     16810  
     culture media.....27314  
     vaccines.....2312,2478,  
     2515,7142-3,7255,  
     7283,11854,11865,  
     11900,14783,16991,  
     17002,17006,22416,  
     22418,22431,27413  
     See also Brucellosis.  
 Brucellosis..2293,2296,2342  
     bibliographies.....2289  
     control.....5353,16778,  
     25347,25349,27306  
     immunization..2312,5675,  
     11732,16812  
     in cattle....2480,22402,  
     22426,25348,27412  
     control.....2470,7257,  
     7264,7268-9,11877,  
     11888,11904,16812,  
     22405,27414,27425  
     Germany....16979,17010  
     immunization....2478,  
     2498,2515,16991,  
     17002,22398,22401,  
     22418,22431,27413  
     India.....17025  
     tests.....7254,11895,  
     27408  
     transmission....9732,  
     17012  
     in livestock.....11752  
     in man.....5674,13425,  
     13433,13449,22237  
     in sheep, tests....7636  
     in swine....3064,12339,  
     22882,22887,27833  
     New Jersey.....7264  
     tests.....50,16807,16825  
     therapy.....16820  
     U. S. S. R.....7159  
**Item**  
 Brucellosis--Continued.  
     Virginia.....22270  
     See also Brucella  
     abortus.  
 Bruch, Carlos.....25193  
 Bruchus pisorum.....14788  
     control.....3432,3434  
 Brush burning. See Fires,  
     brush.  
 Brush pushers.....5599  
 Brush shredder.....28280  
 Brussels sprouts.....6627,  
     21594  
 Bryobia praetiosa....12557  
 Bryonia.....10464  
 Bryonia dioica.....6182,  
     10442,10463  
 Bryophyllum. See Kalan-  
     choe.  
 Bryophyllum calycinum. See  
     Kalanchoe pinnata.  
 Bryophyta.....963  
     Equatorial Africa..15389,  
     20734  
     France.....10263  
     French Guinea.....10267  
     Iowa.....20732  
     North Africa.....26257  
     Portugal.....26254-5  
     Pyrenees Mountains.....  
     10262  
     U. S. S. R.....26259  
     See also Hepaticae;  
     Musci.  
 Bubonic plague. See  
     Sylvatic Plague.  
 Bucentes.....12723  
 Buchenavia capitata..16599  
 Bucida, oxhorn.....16599  
 Bucida buceras. See  
     Bucida, oxhorn.  
 Buckellacris n. g....18161  
 Buckeye, wood.....27199  
 Buckeye rot  
     of tomato.....10338  
 Buckskin virus  
     of cherry.....15554  
     of peach.....15554  
 Buckthorn.....6701  
     diseases.....10356  
 Buckthorn, cascara...6701,  
     6731  
 Buckwheat.....5694,10722  
     analysis and composition  
     18859  
     breeding.....10512  
     culture.....9780  
     fertilizers.....11245  
     France.....21069  
     utilization.....18859  
 Bud rot  
     of strawberry.....26334  
 Buddleia.....16053,21534  
 Buddleia davidii.....16112  
 Buddleia madagascariensis.  
     10454  
 Budgets.....24763  
 Buenos Aires Instituto  
     de Colonización....4021  
 Buffalo grass...1194,1240,  
     1538,26624  
     seed.....22574  
 Buffalo treehopper. See  
     Ceresa bubalus.  
 Buffaloes.....16964  
     India..11869,11947,22440,  
     22467,22483  
 Bugeaud.....14667  
**Item**  
 Building materials...8292,  
     8361  
     surpluses.....23782  
     See also kinds of build-  
     ing materials.  
 Buildings.....3789,5760,  
     13062,15146,15158,  
     18318,23576,23706-7,  
     28340  
 Argentina.....26004  
 concrete.....3855-6  
 construction.....3788,  
     3855-6,20055  
     bibliographies....176,  
     9628  
     wood.....19897,22129  
 costs.....13060  
 designs and specifica-  
     tions.....3719  
 Germany.....13056  
 Italy.....9914,13058  
 maintenance and repair..  
     8286,13061,18315,  
     18319  
 mosquito-proofing..18036  
 New Zealand.....19553  
 pest control.....12417,  
     12736,28110  
 plywood.....27214  
 postwar.....529  
 prefabricated...2177-9,  
     3787,8301,18322,  
     28341  
     bibliographies...15149  
 public.....25482  
 rammed-earth.....3800  
 remodeled.....3790,13055  
     bibliographies....176  
 Sweden.....3818  
 weatherproofing....25894  
     See also Chimneys;  
     Floors; 4-H Clubs,  
     buildings; Insulation;  
     Storage, buildings;  
     Ventilation; names of  
     kinds of buildings;  
     and subhead housing  
     under names of animals.  
 Bujault, Jacques.....14647  
 Bulbs (plant)..9025,10961,  
     10970,14882,16019,  
     16073,21543,24552,  
     26791  
     as food.....25051  
 Canada.....10875,14007  
 culture.....1580,6513,  
     16116,21382,21406,  
     21482,21485,21498,  
     21518  
 diseases.....6028  
 Netherlands...4678,4700  
 pests.....3628  
 storage.....16131,21442  
 treatment.....10311  
 Union of South Africa..  
     10992  
 Bulgur.....24275  
 Bull, Ephraim.....21318  
 Bulldozers.....18221,28264  
 Buller, Arthur Henry  
     Reginald.....9505,19839  
     publications.....19839  
 Bullis fever  
     transmission.....3359,  
     17855  
 Bullnose, in swine...22879



- Item**  
 Bulls.....2397,2488,11774,  
     11776,11809,11811,  
     11815,16879,22343  
   care.....22317  
     seasonal.....17074  
   diseases.....17042  
   feeding and nutrition...  
     22366  
   fertility....2401,11781,  
     27381  
   Italy.....11806  
   purchasing....2367,8861,  
     28896  
   records and testing....  
     2522,17082,22473  
   transportation.....8862  
 Bulls, beef.....11807-8  
   judging.....11786,11796,  
     11799,27459  
   records and testing....  
     22388  
 Bulls, dairy..22345,27338,  
     27349  
   directories.....19899  
   judging.....2396  
   records and testing....  
     2406,2542,11910,  
     11940,22314,22324,  
     22354,27359,27368  
 Bumblebees.....12488  
   See also names of  
     genera.  
 Bundaberg (Queensland)  
   Sugar Expt. Sta.....19131  
 Bundelkhandia n. g....23132  
 Bunias orientalis....1670  
 Bunoderus.....17955  
 Bunostomum phlebotomum.  
   See Hookworm.  
 Bunt, of wheat. See Smut,  
   of wheat.  
 Buprestidae....12676,17962  
   France.....5817  
   See also names of  
     genera.  
 Bur-clover.....5516,12984,  
     15854,15861,21182  
 Bur-clover, manganese....  
     6356  
 Burbank, Luther.....20259  
 Burchard soils.....25752  
 Burdock, smaller....6294  
 Burke, Edmund.....14651  
 Burns, in horses.....7368  
 Burr, Malcolm.....28163  
 Burri, Robert.....5291  
 Bursitis  
   in horses.....11996  
   in swine.....7677  
 Business.....9338,24577,  
     26015  
   and agriculture.....513  
 Business cycles. See  
   Economic cycles.  
 Busseola fusca.....28196-7  
 Butchering. See Slaughtering.  
 Buthacus ducrosi.....7891  
 Buthiscus bicalcaratus....  
     7913  
 Buthus australis..12593-4,  
     28012-14  
 Butler, Sir Edwin John....  
     19852  
 Butler Univ. Dept. of Bot.  
     694  
 Butter.....23972  
   analysis and composition  
     8518,8536,23992  
   Argentina....13424,24010  
   Butter--Continued.  
     Australia.....13403  
     bacteria.....13388,18584  
     Brazil.....28588  
     Canada.....18634,23995  
     color.....24007-8,28622  
     cooperatives.....18632  
     costs and returns..29236  
     Denmark.....14482  
     dried.....13439  
     flavor and odor...13388,  
       18606  
     France..13348,13412,13431  
     Germany.....18552  
     goats-milk.....4112  
     grading and standardi-  
     zation....13412,24010,  
       28622-3  
     Great Britain.....29236  
     keeping quality....4103,  
       5392  
     legislation.....8558  
     manufacture...4114,4119,  
       8510,8579,8587,  
       13431,13442,18629,  
       23904,28599,28637  
       home.....5713,8577,  
       13453,28634  
     market reports....25522  
     marketing.....8510  
     milk for.....8535  
     moisture determination..  
       23995  
     molds and yeasts..13367,  
       28645  
     New Zealand...5162,23904  
     nutritive value....5231,  
       25141  
     postwar.....4075  
     programs.....13333  
     quality.....4106,13367,  
       13413,20346  
     rationing.....18964  
     regulation and inspec-  
     tion.....5487  
     situation and outlook...  
       4027,4546,4553,  
       8398,23976  
     starters.....24023  
     statistics..25303,25337,  
       25559  
     trade.....5162  
     Union of South Africa...  
       8508  
     vitamins.....5230,5492,  
       9429,9451,19787,  
       20250,20357,25108,  
       25244  
     See also Ghee.  
   Buttercup. See Ranuncu-  
     laceae.  
   Butterfat. See Milk, fat.  
   Butterflies....8119,12829,  
     23461  
   Andes.....18125  
   Ceylon.....3572  
   collecting and collec-  
   tions.....8114  
   eggs.....28171  
   Great Britain.....8120,  
     12844  
   habits and behavior....  
     18121  
   India.....18151  
   Iowa.....8112  
   Kansas.....12858,12862  
   Madeira.....18131  
   Mexico.....3563  
   Peru.....12861  
   See also names of fami-  
     and genera.  
   Buttermilk.....8483,8518,  
     13334  
     analysis and composition  
       15183  
     dried.....4130-1  
     quality.....15183  
   Butterseed, as feed  
     for rabbits.....12217  
     for sheep.....12253  
   Buttonweed. See Abutilon,  
     chingma.  
   Buttonweed-seed oil..28931  
   Butyric acid.....15732  
   Butyrospermum. See  
     Butterseed.  
   Buxus.....15375,26773,28094  
   Byctiscus betulae....3386  
   Byers, William Newton....  
     5295  
   Byturus tomentosus....3172  
   Cabbage.....10507  
     anatomy and physiology..  
       1009  
     as cause of disease....  
       7253,7281  
     as feed  
       for cattle.....22377  
     cooking.....206  
     culture.....16218,16234,  
       21598,26851  
     diseases.....865,6071,  
       6165,10378,20847  
     drying.....24205  
     Germany.....15826  
     marketing.....5459,24198  
     pests.....3500,7726,  
       12822,17702,18107,  
       23452,27870  
     situation and outlook...  
       14934,20177  
     utilization.....25258  
     varieties.....21555,21588  
     vitamins...14595,25106,  
       25118  
   Cabbage, Chinese. See  
     Pakchoi.  
   Cabbage aphid. See Brevi-  
     coryne brassicae.  
   Cabbage looper. See  
     Trichoplusia ni.  
   Cabbage maggot. See  
     Hylemya brassicae.  
   Cacao.....1712,13306  
     Africa.....13156  
     anatomy and physiology..  
       6244,6253  
     biochemistry.....6244  
     Colombia....1728,21652,  
       23924,23942  
     diseases..924,8047,15476  
     products.....28563  
     propagation.....20972  
     Trinidad and Tobago....  
       1329,6698,11125  
     types.....13311  
     Venezuela.....13307  
     waste  
       as fertilizer 21981  
     See also Chocolate;  
       Cocoa  
   Caccobius.....12662  
   Cachaza.....6945  
   Cacoecia murinana. See  
     Archips murinana.  
   Cactaceae.....739,20706  
   Cactobrosis fernaldalis...  
     6145  
   Cactus  
     diseases.....10309  
     See also names of cacti.  
   Cadelle. See Tenebroides  
     mauritanicus.  
   Cadillo.....1010,21116  
   Cadmium, in food.....13189  
   Caecilius.....3637  
   Caeculus.....3372,7894  
   Caeculus pettiti.....23120  
   Caedicia strenua....12877  
   Caenophaniella n. g..28096  
   Caesalpinia digyna. See  
     Towri.  
   Caesalpinia melanocarpa...  
     5923  
   Caesarean section  
     cattle.....11893,17036  
     dogs.....7349  
   Cafeterias.....18449,29394  
   Caffein, in tea.....18523  
   Cailliea glomerata....6679  
   Caja de Crédito Agrario,  
     Colombia.....14039,19224  
   Caja del Retiro y Asis-  
     tencia Social de Obreros  
     y Empleados de la In-  
     dustria Azucarera....9096  
   Cajanus indicus. See Congo  
     pea; Pigeon pea.  
   Cake.....332  
   Caladenia carnea....26212  
   Calamothespis.....28214  
   Calandra granaria. See  
     Sitophilus granarius.  
   Calandra oryzae. See  
     Sitophilus oryza.  
   Calathea lutea.....19171,  
     21022  
   Calathus gomerensis n. sp.  
     12618  
   Calcareous soils.....11146,  
     11160,26915  
   Calcification of lungs of  
     calves.....17028  
   Calcium  
     effect on plants...6229,  
       6233,6259,6297,26477  
     in animal nutrition....  
       11653-4,12015,  
       22820,27822  
     in food.....25098  
     in human nutrition.9425,  
       25113  
     in plants....10617,15644  
     in poultry nutrition...  
       316,2727,2917,  
       12089,17269,22634  
     in soils.....11158  
     therapeutic use....12457  
     See also Lime.  
   Calcium arsenate.....12675  
   insecticides.....23038,  
     23166,23197,23411  
   Calcium chloride.....7709  
   Calcium cyanamide....22298  
   Calcium-cyanamide-sodium-  
     fluosilicate defoliant...  
       26607  
   Calcium humate..6752,11142  
   Calcium oxalate....10637,  
     15717  
   Calcium propionate...28645  
   Calcium tartrate...10638-9  
   Calculi  
     biliary  
       in dogs.....2605  
       in horses.....7389  
     pancreatic  
       in cattle.....16985  
     urinary.....2313  
       in cattle.....2482  
       in dogs.....22512



- | <u>Item</u>   | <u>Item</u>  | <u>Item</u>  | <u>Item</u>   |
|---|--|--|---|
| Calcutta, Roy. Bot. Gard..<br>20632                             | Calves and heifers--Con-<br>tinued.  | Canada. Agr. Food Bd.....<br>19410,28428   | Canning and preserving--<br>Continued.  |
| Calesiodes n. g.....18142                                       | feeding and nutrition...<br>268,2439,2633,   | Canada. Agr. Supplies Bd..<br>28428  | home...3937-8,3947,3951,<br>3954,3956,5615,<br>8439,8443,9681,<br>13254,13260,13262,<br>13266,13268,13270,<br>14739,14809,14956   |
| Caley pea. <u>See</u> Pea vine,<br>rough.                       | 7317,11837,11847,<br>11874,16947,20313,<br>22364,22369,22379,<br>22385,27384,27512                             | Canada. Dairy Products<br>Bd.....28428   | India.....23874,23876,<br>24248   |
| Calif. Agr. Expt. Sta.<br>publications.....20265                | parasites.....7270   | Canada. Dept. of Agr.<br>Mktg. Serv.....28922                                      | industry...13223,13336,<br>13357,18477,23874<br>sanitation.....23861  |
| California aster yellows/<br>of flax.....15555                  | prices...157,9614,14863,<br>20127-8  | Canada. Dept. of Mines and<br>Resources. Lands, Parks<br>and Forests Branch..16712 | labor.....23874   |
| Calif. Dept. of Agr.<br>Bur. of Livestock Ident.<br>28860       | shows and sales...11914  | Canada. Dept. of Natl.<br>Health and Welfare. Lab.<br>of Hygiene.....28597         | statistics...108,18852  |
| Bur. of Market News.....<br>28455                               | statistics...9624,14865  | Canada. Expt. Farms<br>Beaverlodge (Alta.)<br>Substa.....1299                      | U. S. S. R.....4352   |
| Calif. Farm Bur.....4744  | <u>See also</u> Feed; and names<br>of feeds and of ana-<br>tomical parts, diseases,<br>parasites and products. | Nappan (N. S.).....19859   | <u>See also</u> 4-H Clubs, can-<br>ning and preserving;<br>Preservation of food;<br>Vitamins, stability;<br>and subheads canned,<br>canning, for process-<br>ing, and preservation<br>under names of prod-<br>ucts. |
| Calif. Fruit Exch. Orange<br>Prod. Co.....24223                 | Calves and heifers, beef..<br>5644,11918   | Smithers (B. C.) Substa..<br>5309  | Canning Mach. and Supplies<br>Assoc.....20527   |
| California laurel. <u>See</u><br>Umbellularia californica.      | care....402,11907,11917,<br>11926  | Canada. Forest Serv.<br>Forest Prod. Labs..22106                                   | Cans.....210,8425,8756,<br>18456,18460,28473  |
| Calif. Lima Bean Growers<br>Assoc.....14925                     | feeding and nutrition...<br>2436,2452,5561,<br>16952,20349,22388,<br>25793                                     | Canada. Meat Bd.....28428  | Cantaloups.....13572  |
| California poppy. <u>See</u><br>Eschscholtzia californi-<br>ca. | Italy.....8828,13824   | Canada. Spec. Prod. Bd....<br>28428  | culture.....6674,21566,<br>25677  |
| Calif. Poultry Council.....<br>4588                             | marketing.....402  | Canada. Packers Ltd...28861  | Canterbury bell. <u>See</u><br>Campanula medium.  |
| Calif. Prune and Apricot<br>Growers Assoc.....28726             | shows and sales...17080  | Canadian Ayrshire Breeders<br>Assoc.....2379                                       | Cantharidae.....3407  |
| California red scale. <u>See</u><br>Aonidiella aurantii.        | weight and measurement..<br>17073  | Canadian Hort. Council....<br>4270   | <u>See also</u> names of<br>genera.   |
| Calif. Univ.<br>Bot. Gard.....16163                             | Calves and heifers, dairy  | Canadian Percheron Assoc..<br>2621   | Canthium.....10223  |
| Food Technol. Div...3932  | Australia.....28873  | Canadian Res. Council.5213   | Canvas.....18708  |
| Caligocara.....17955  | care..2537-8,2547,17054,<br>17066,20437,22482,<br>25963,27470  | Canadian Soc. of Tech.<br>Agr.....14675  | Cape cowslip. <u>See</u><br>Lachenalia.   |
| Caliroa limacina.....23430                                      | feeding and nutrition...<br>11824,11832,11843,<br>11849  | Canaries.....23124   | Capnia, Sweden.....23558  |
| Callaway, Cason.....4926,<br>4934                               | Calycanthema.....10890   | Canary grass...8589,10755  | Capnia atra.....23544   |
| Callibaetis.....18179   | Calymnia pyralina...23471  | Canary grass, bulb...1227  | Capnodis, Palestine..23203  |
| Callicore candrena<br>christopheri n. ab..12823                 | Calypogeia.....5990  | Canary grass, little seed.<br>15831  | Caponizing. <u>See</u> Castra-<br>tion, poultry; Poultry<br>capons.   |
| Callimorpha hera.....8122                                       | Calyptrella.....20697  | Canary grass, reed...1974,<br>6361   | Caporiacius fallax n. sp.<br>17897  |
| Calliphora erythrocephala.<br>23254                             | Calyptridium.....5964  | Canavalia. <u>See</u> Jackbean.  | Caproic acid.....1097   |
| Calliphoridae<br>Europe.....5822                                | Calystegia sepium...15693  | Cancer   | Capsicodendron.....20931  |
| Callithomia.....28182   | Camaropycnis n. g....5996  | in livestock.....2333  | Capsicum annuum. <u>See</u> Red-<br>pepper, bush.   |
| Callocolax globulosis<br>n. sp.....15390                        | Cambalache Expt. Forest,<br>Puerto Rico.....1128   | <u>See also</u> Carcinogens;<br>Carcinoma.   | Capusiaceae.....10197   |
| Calloristus.....23132   | Camelina sativa. <u>See</u><br>Falseflax, big-seed.  | Candelilla.....4682,9020   | Carabidae.....22976,23187   |
| Calluna.....6474  | Camellia.....1472,10883,<br>15295,20288,26201  | Candles.....9022   | Africa.....12610  |
| Calluna vulgaris.....10921                                      | Camellia thea. <u>See</u> Tea.   | Canham, Anthony South.....<br>25197  | Australia.....17911   |
| Callus (plant).....1073   | Cameloid fibers.....28717  | Canker   | France.....5817   |
| Callymenia.....15392  | Camels.....22282,22296   | in horses.....27521  | Great Britain.....3385  |
| Calobatina.....12896  | Camel's hair.....13543   | in rabbits.....7603  | North Africa.....12619  |
| Calochortus.....10970   | Campanula.....6295,21504-5,<br>26209   | Canker (plant)   | Sahara.....12622  |
| Calochortus uniflorus.....<br>1519                              | Campanula lasiocarpa.16169   | of broccoli. <u>See</u> Black-<br>leg, of broccoli.                                | <u>See also</u> names of<br>genera.   |
| Calomel. <u>See</u> Mercurous<br>chloride.                      | Campanula medium.....1450  | of poplar.....26319  | Carampangue.....28005   |
| Caloneis.....20739  | Campanula rotundifolia...<br>10205   | perennial, of apple....<br>906   | Carbohydrates.....6298  |
| Calosoma.....3436   | Campanulaceae..10011,15701   | Canker stain, of London<br>planetree.....20786                                     | effect on plants...6226   |
| Calosoma argentinense.....<br>23187                             | Camphor.....6713   | Cankerworms.....25864  | in animal nutrition....<br>7231-3   |
| Calosoma retusum proseni<br>n. var.....3400                     | Camphor, synthetic...3229  | <u>See also</u> names of<br>genera.  | in food.....8791  |
| Calosoma scrutator...23144                                      | Camphor oil.....20643  | Canna.....1455   | in human nutrition.25117  |
| Calotrope, akund.....11880                                      | Camponotus.....28161   | Cannabis sativa. <u>See</u> Hemp.  | in insect nutrition....<br>12879  |
| Calotropis gigantea. <u>See</u><br>Calotrope, akund.            | Camponotus herculeanus<br>pennsylvanicus<br>bibliographies.....5499  | Cannibalism. <u>See</u> subhead<br>vices under Poultry and<br>kinds of poultry.    | in plants....1062,10533   |
| Calpocalyx.....10230  | Camps  | Canning and preserving....<br>3953,5243,8451                                       | <u>See also</u> Starches;<br>Sugar.   |
| Calves and heifers<br>anatomy and physiology..<br>7289,25367    | grounds.....20103  | Chile.....18852  | Carbolic acid....3320,3343  |
| anomalies.....2511  | <u>See also</u> Labor, camps.  | community.....3724,3936,<br>3943,8438,8442,<br>13251,18480                         | Carbon.....7061,17677   |
| care.....2533,2549,2565,<br>11909,11936,27449,<br>27457         | Campsoderes eidmanni n. g.,<br>n. sp. 12767  | directories.....20527  | in soils.....1753,11150   |
| diseases.....2461,2483,<br>2491,7299                            | Camptosorus rhyzophyllus<br>f. auriculatus.....724   | effect on vitamins..9431   |   |
|   | Campyloneurum phyllitidis.<br>10246  | equipment.335,3724,5264,<br>13034,13265,28257                                      |   |
|   | Campylopus guineensis.....<br>10267  |  |   |



- Item**  
Carbon dioxide.....18481  
effect on plants...1006,  
1052  
Carbon disulfide.....9661  
insecticides.....25133  
Carbon tetrachloride...129,  
17170,26485  
Carbonite.....7094  
Carcasses.....8833,22290  
See also under Animals  
and names of animals.  
Carcelia.....8016  
Carcinogens.....6267  
Carcinoma  
in cats.....27489  
in swine.....12341  
Cardamom thrips. See  
Taeniothrips cardamomi.  
Cardamon.....18178,26383  
Cardaria draba. See  
Whitetop, pepperweed.  
Cardiophorus.....7932  
Carduus roseni.....10172  
Carepalxis.....17884  
Carex.....5985,20702,  
26205  
Carex stenoptila.....15368  
Carica papaya. See  
Papayas.  
Cariniana, albarco....2083  
Carlephyton.....10181  
Carleton, Mark Alfred....  
14673  
Carleson, C. E.....16925  
Carnation. See Dianthus.  
Carnauba, wax.....24561  
Caroá.....8669,18717  
Carob.....11666  
Carolina mantis. See  
Stagmomantis carolina.  
Carotene.....5231,9410,  
14566,17566,25127,  
29409,29424  
in animal nutrition.....  
7237  
in feed.....28657  
in food.....14575,20357  
in fruit.....14573  
in human nutrition...14614  
in milk.....4110  
in plants.....1086,1102,  
19775  
in poultry nutrition....  
7484  
in vegetables...9422,9665,  
20247  
See also Vitamin A.  
β-Carotene.....25096  
Carotinoids.....19764  
Carp.....19161  
Carpet beetles. See  
Antrrenus; Attagenus  
piceus.  
Carpobrotus edulis. See  
Hottentot fig.  
Carpocapsa pomonella.....  
3550,3564,3583,  
9658,20325,23466,23470  
control.....3560,3581,  
3584,3589,3592,  
3595,3601,8088,  
8126,12825,12827-8,  
12839,12841,18106,  
18130,20459,23473,  
23479,23490,23496,  
23507,23509  
France.....28177  
larvae.....28161  
New York (State)....3582  
situation and outlook...  
23480
- Item**  
Carpophilus hemipterus....  
28023  
Carré's disease. See Dis-  
temper.  
Carrot fly. See Psila  
rosae.  
Carrot rust fly. See  
Psila rosae.  
Carrots  
analysis and composition  
19764  
anatomy and physiology..  
10465,10481-2  
canning...5478,5480,14929  
culture...1610,5611,8697,  
11010,11072,21565,  
21579  
equipment.....3702  
diseases.....6166,15508,  
15529,20275,20763  
drying.....13648,24205  
Germany.....21595  
marketing.....5459  
Palestine.....6632  
pests.....8017,8019,  
12707,23373  
situation and outlook...  
14934  
Cartels....5728,5259,9874,  
20485  
Carthamus.....5946  
Cartons. See subhead paper  
and paperboard under  
Boxes and Containers.  
Cartoons.....14744  
Carya. See Hickory.  
Caryatis syntomina...8107,  
8122  
Cascara sagrada. See  
Buckthorn, cascara.  
Casein.....4536,16942,  
25308  
analysis and composition  
23989  
fiber....4167,4221,24129  
glue.....20164  
plastics.....23998  
utilization...8538,23998,  
28613  
See also Protamone.  
Cashews.....4307,14862  
India.....18800,20075  
pests.....17683  
Casimiroa edulis. See  
White sapote.  
Casimiroa tetrameria. See  
White sapote, woolly-  
leaf.  
Cassava.....950,1726,6205,  
16274,18796,19766,  
21642,21668,24144  
as feed.....11645  
Ceylon.....26870  
diseases.....825,10395  
flour.....13619  
India.....16278  
Puerto Rico.....16264  
starch.....18825,18841  
utilization.....18797  
Cassia.....15595  
See also Senna.  
Cassida.....12617,17937  
Cassida spaethiana  
(Gressitt) n. n....17936  
Cassidinae.....17937  
Castanea mollissima. See  
Chestnut, Chinese.  
Castanopsis.....26185  
Castanopsis bejaudii  
n. sp.....20683
- Item**  
Castanopsis chrysophylla.  
See Evergreen chinkapin,  
giant.  
Castianeira....12586,28002  
Castilla.....15723  
Castilleja culbertsonii...  
15369  
Castilloa.....15723  
Castnia, Para.....23491  
Castnia licus.....7740  
Castor-bean tick. See  
Ixodes ricinus.  
Castor-beans  
anatomy and physiology..  
6187,6213  
diseases.....868  
Guadeloupe.....10786  
insecticides  
bibliographies...14791  
Italy.....8895  
poisonous plant...12004  
soils.....25487  
varieties.....26651  
See also Ricinus com-  
munis.  
Castor oil.....4544,4551,  
8911,24437  
Castration....16784,27294  
cattle...2504,2512,17038  
poultry..2763,2776,2812,  
17448,27609  
sheep.....17556  
swine.....3069  
Catarrh, in horses...7382  
Catarrhal fever. See  
Bluetongue.  
Catch crops...16214,16223,  
21056,21597  
Catenomyces persicinus...  
15584  
Caterpillars  
control.....23476  
food and host plants....  
12866  
habits and behavior....  
23477  
parasites and predators  
of.....12667  
Catha edulis. See  
Arabian tea.  
Catharosia.....12723  
Cations. See Ions.  
Catopsilia.....18120  
Catopsis.....5978  
Cats.....7354,12756,  
22524-5,27499  
anatomy and physiology..  
2597  
and disease...22511,27496  
anomalies.....22507  
as predators.....20435  
breeds and breeding....  
2581,7332  
care.....11970,17146,  
22528,22530  
diseases....9961,11965,  
17110,17135  
history.....11969  
injuries.....22519  
legislation.....11974  
parasites.....2601  
poisoning.....12426  
training.....22529  
transportation.....7332  
See also Feed; and names  
of feeds and of  
anatomical parts, dis-  
eases, and parasites.  
Catsup.....24260  
Cattail.....13498
- Item**  
Cattle....2574,5370,11921  
Africa.....22391  
anatomy and physiology..  
2466,11861,11891,  
15214,22427,27405  
anomalies....22434,27435  
Argentina....2546,13833,  
16911,17029,18981,  
24320  
associations.....2471,  
11789,11915,27456  
Australia.....2378,4462,  
7308  
bibliographies.....11921  
Brazil.....25039,25045  
breeds and breeding....  
2366,2385,2391,  
2393,2410,7213,  
11778,11790,11888,  
16885,16887,16911,  
16917,17046,22319,  
24352,27347,27369,  
27378  
Kumauni (India)...22331  
N'Dama (Africa)...22391  
Omblachery (India)....  
22351  
Red Polled.....22332  
Shorthorn.....11789,  
27366-7  
Canada.....2380  
carcasses.....24362  
care.....2526,2572  
Chile.....18908  
China.....18925  
Colombia.....28878  
cooperatives.....16911  
Costa Rica....2410,17079  
costs and returns...4954,  
9898,14972,19489  
Cuba.....8871  
dehorning.....2562,7301,  
17065,22313,22479,  
27373,27434,28370  
Denmark.....14482  
dipping.....8159  
diseases.....2458,2476,  
7250,11881,11905,  
14782,14991,16982,  
16990,17023,22400,  
22410,25854,25856,  
25858-9,27406,27415,  
27438,27441  
bibliographies....5404  
Chile.....2471  
Great Britain.....2486  
Kenya.....558  
New Hampshire....20306  
Union of South Africa.  
27439,27442  
draft.....2524,17059,  
17077,17090,22331,  
22351,27471  
dual purpose.....16922,  
22321,22332,22341,  
22349,22353,27366-7  
Red Polled..2370,2378,  
7201  
Shorthorn...2373,2388,  
11794,11805,16902,  
19871  
Polled...16920,22349  
equipment.....28379  
estrus.....16975  
farms and ranches...22486,  
27366  
diversified.....7509



Item	Item	Item	Item
Cattle--Continued.	Cattle--Continued.	Cattle, beef--Continued.	Cattle, beef--Continued.
feeding and nutrition... 278, 323, 2416, 2427, 2444-5, 7234, 11836, 14972, 16889, 16925, 16937, 16955, 16959, 16961, 16963, 22386, 25689, 27395	prices...157, 9614, 14863, 20127-8, 24366-7, 28914 control.....18963 psychology.....22461 purchasing.....24359 records and testing..... 11920, 22332	breeds and breeding-- continued. Brahman (Zebu)...2382, 2412, 7195, 11772, 11777, 11801, 11810, 11819, 16892, 16907, 16912, 20546, 22306, 22329, 22334-7, 22350, 27346, 27363, 27374 Nelore strain...2413 Charolaise.....27360 Hereford...7221, 11774, 11782, 11784, 11788, 11796, 11799, 11803-4, 11807-8, 11818, 11927, 13793, 16878, 16899, 16904, 16931, 18966, 22302, 22304, 22318, 22450, 27342, 27344, 27351, 27357, 27365, 27375, 27377 Polled...7214, 11785, 11787, 11800 Shorthorn...7209, 16912, 22312, 22327, 22335, 22464, 27340 Polled.....11793 Sussex.....15219 Welsh Black.....11791 California.....17084 Canada...4454, 4478, 18894, 20542, 28865 care...11929, 16941, 17056, 17067, 25801, 27346, 27462, 27840 seasonal...22438, 27452 Colorado.....22446, 23910 cooperatives.....4487 costs and returns...4954, 11838, 11842, 14282, 22489, 24833 Cuba.....11810 culling.....2532, 11948, 27453 farms and ranches...2527, 2535, 2557, 11782, 11788, 11916, 16894, 16899, 16912, 17087, 22312, 22335, 22450, 22464, 22468, 22475, 27340, 27342, 27351, 27363, 27377, 27455, 27463 diversified.....22439 feeding and nutrition... 2415, 2418, 2450, 9669, 11831, 11838, 11840-1, 16967, 20338, 22367-8, 22371, 25794, 27388, 27391, 27813 pasture and range.... 2431, 7262, 11827, 11844, 16941, 16943, 16948, 16972, 20329, 27401 seasonal...2453, 11822 use of substitutes.... 2442 Florida.....18928 France.....11838, 16882 Great Britain.....2566, 7212, 11818, 11922 growth.....23248 history.....11785, 11941, 13758, 16919, 22304, 22347, 27344, 27376, 27464 hybrids....16892, 16912, 22333, 22345, 27374	industry.....2523, 11912, 13751, 17055, 17057, 17084, 22446, 23787, 24342, 27345 Italy.....8889 judging.....2520, 2554, 7307, 11784, 22330 Luxembourg.....18896 marketing.....27840 Maryland.....24336 Paraguay.....22334 prices.....4502, 4505, 14865, 18966, 28913 control.....28911 programs...2544, 5098, 14753 purchasing.....24357 records and testing..... 11798, 16877 regulation and inspec- tion.....11928 shows and sales...2525, 2566, 11840, 11917, 11927, 11943, 22492, 27365, 27450 situation and outlook... 9114, 18899, 28870, 28875 South Carolina.....18913 Southern Rhodesia...22478 Southern States.....7306, 7315, 13751, 22489 statistics.....8889, 9624, 23910 subsidies.....25275 Texas.....18924 transportation.....18955 Tropics.....11777 Uruguay.....18982 Venezuela.....13749 weight and measurement... 2541 Western States.....24346 Wyoming.....17083 <u>See also</u> Bulls, beef; Calves and heifers, beef. Cattle, dairy...2539, 17960, 20547, 26046 age.....20547, 26046 Argentina.....11775 associations.....2556, 11775, 11783, 16898 Australia....2564, 11933, 13816, 17048 Brazil.....17062, 18920, 27362 breeds and breeding.... 7198, 7204, 7217, 7222, 11816, 16903, 16915, 17075, 20312, 22305, 22355, 27350, 27361 Ayrshire.....2364-5, 2379, 7196, 7220, 16913, 16924, 27372 bibliographies...5405 Brown Swiss...572, 2389, 7219, 22311, 27356, 27364 East Friesian...27359 Fleckvieh.....16901 Guernsey...2362, 2394, 2408, 7207, 11779, 11814, 16908, 16923, 22325, 22344, 22358, 22454



- Item**  
 Cattle, dairy--Continued.  
   breeds and breeding--  
   continued.  
     Holstein-Friesian.....  
       2362, 2377, 2381,  
       2383, 2386-7, 2400,  
       2403, 11775, 11797,  
       11801-2, 16881, 16891,  
       16907, 17049, 27348,  
       27354, 27368, 27382  
     Jersey.....2368, 2371,  
       2375, 2395, 2399,  
       2405, 2409, 7199-200,  
       7218, 11817, 11861,  
       16898, 16905, 16909,  
       17063, 22309, 22352,  
       27338-9, 27343, 27349,  
       27355, 27370-1  
     Milking Shorthorn.....  
       2376, 2411, 7203,  
       11783, 11792, 16888,  
       16893, 16921  
     Normandy.....7206, 7216,  
       17049, 22339  
     Canada.....17093, 27372  
   care..2516-19, 2540, 2571,  
     11939, 15111, 17071,  
     17086, 17089, 22469,  
     27457  
   seasonal.....7300, 7316,  
     7321, 22373, 22490,  
     27468  
   Ceylon.....16900  
   China.....27348  
   costs and returns..4965,  
     11826, 19498, 22454,  
     25898-9, 25900-9,  
     29229  
   culling.....22471  
   Egypt.....27343  
   Eire.....2432, 7311  
   feeding and nutrition...  
     234, 2419, 2428,  
     2435, 2448, 2454,  
     7230, 7237, 9739,  
     11839, 11850, 14994,  
     15069, 15113, 16936,  
     16938-40, 16953, 16964,  
     16970-1, 22360-2, 22365,  
     22375, 22382, 22384,  
     22387, 25665, 27386,  
     27390, 27396-7, 27399  
   pasture...21, 288, 2434,  
     2438, 2441, 7224,  
     9656, 11834, 11845,  
     16944, 16950, 17012,  
     22372, 22374, 22376  
   seasonal.....288, 2424,  
     2432-3, 7235, 11823,  
     11826, 11828, 16934,  
     16956, 22373, 27393,  
     27400  
   use of substitutes....  
     7239  
   Germany.....11908, 16901,  
     22445, 22484, 22488,  
     27359  
   Great Britain.....7222,  
     11923, 13430, 19498  
   Greece.....7219  
   Guernsey (Island)..7207,  
     11779  
   Hawaii.....234  
   herd classification....  
     22466  
   heredity.....27379  
   hybrids.....11801, 16900,  
     16907  
   India..11947, 17081, 22440
- Item**  
 Cattle, dairy--Continued.  
   judging.....1199, 7217,  
     11935, 17085  
   Kenya.....22448  
   lactation.....2463, 2510,  
     2521, 2553, 7249,  
     17001, 17039, 22406  
   bibliographies...22430  
   Latin America.....13803  
   milk production....2377,  
     2504, 2513, 2518,  
     2559, 2563, 7309,  
     11940, 11945, 16933,  
     17001, 17006, 17009,  
     17062, 17870, 22445,  
     22451, 22458, 22461,  
     22488, 25885, 27467,  
     27469  
   effect of  
     breeding.....2402,  
       2404, 22314, 22346,  
       27362  
     feeding...2417, 2430,  
       2437, 2443, 2449,  
       2449, 7241, 11824-5,  
       11833, 11846, 11848,  
       16942, 16945, 16949,  
       16966, 16969, 20252,  
       22380, 27385, 27389,  
       27398  
   seasonal..11942, 17094,  
     20431  
   New Hampshire.....20312  
   Northern Ireland...11950  
   Palestine.....27446  
   Portugal.....27353  
   prices.....13816  
   psychology.....11934  
   purchasing....2545, 4751,  
     16980, 22443  
   records and testing....  
     2521, 2531, 2543,  
     2550, 2558, 2564,  
     7311, 7319-20, 9821,  
     11937, 17048-9, 17051,  
     17063, 17075, 17078,  
     17093, 17095, 22352,  
     22454, 22476, 22491,  
     27454, 27465, 27467  
   regulation and inspec-  
   tion..11906, 11908, 18959  
   shows and sales....2530,  
     16980, 27361  
   Siberian Regions...11816  
   slaughtering.....17050  
   Spain.....27466  
   statistics.....25291  
   study and teaching....  
     16915, 17081  
   Sweden.....17068, 17076,  
     17095, 22458  
   Tanganyika.....2529  
   taxation.....4751  
   Texas.....11802  
   Tropics.....11801, 16907  
   U. S. S. R.....22373  
   Uruguay.....17049  
   watering.....27387  
   weight and measurement..  
     2575, 16881  
   Western States.....27370  
   See also Bulls, dairy;  
   Calves and heifers;  
   dairy; Dairy barns;  
   Dairy industry; 4-H  
   Clubs, dairy; Milking.
- Item**  
 Cattle, dual-purpose. See  
 subhead dual-purpose un-  
 der Cattle.
- Item**  
 Cattle biting louse. See  
 Bovicola bovis.  
 Cattle follicle mite. See  
 Demodex bovis.  
 Cattle grubs. See Hypo-  
 derma.  
 Cattle plague. See Rinder-  
 pest.  
 Cattle tick. See Boophilus  
 annulatus.  
 Cattleya luteola.....6463  
 Cattleya mossiae.....10933  
 Cattleya triana.....698  
 Cattleya velutina...15998  
 Cauliflower.....1656  
   anatomy and physiology..  
     26476  
   culture.....6619, 6643  
   diseases.....850  
   pests.....8089  
   varieties.....16199  
 Caustic soda. See Sodium  
 hydroxide.  
 Cavanillesia platanifolia  
 wood.....9602  
 Cave fauna.....7909, 12892,  
     17778, 17964, 22907,  
     23132, 28054  
 Cea pulicaris.....23429  
 Ceanothus pallidus roseus.  
   26748  
 Cearodesmus gomesi n. g.,  
   n. sp.....28011  
 Cearostreptus triangulatus  
   n. g., n. sp.....28011  
 Cease Commissary Serv.,  
   Dunkirk, N. Y.....28493  
 Cecidomyiidae.....28078  
   See also names of  
   genera.  
 Cecropia adenopus. See  
 Pumpwood, ambay.  
 Cecropia moth. See Samia  
 cecropia.  
 Cedar.....15341  
 Cedar, deodar...1448, 10484  
 Cedrela, Mexican.....1109  
 Cedrela mexicana. See  
 Cedrela, Mexican.  
 Cedrus deodara. See Cedar,  
 deodar.  
 Ceiba.....6344  
 Celaenopsidae.....23129  
   See also names of fami-  
   lies and genera.  
 Celama.....3603  
 Celastraceae.....10231  
 Celery.....4255, 24970  
   culture.....6665, 11052,  
     21608  
   diseases...20261-2, 25664  
   resistance.....10334  
   market reports....25506  
   marketing.....5460  
   pests.....5395  
 Celery leaf tier. See  
 Phlyctaenia rubigalis.  
 Cellars. See Storage,  
 cellars and pits.  
 Cells. See Cytology.  
 Cellulose.....4693, 6245,  
     9030, 11173, 18747  
   chemistry.....8617, 11562  
   fiber.....4241-2, 15193,  
     26008, 28671  
   from straw.....29047  
   in human nutrition..9455  
   in plants.....26612  
   Italy.....9942, 15179,  
     19159
- Item**  
 Cellulose--Continued.  
   plastics.....9016, 9029,  
     27205, 29044  
   Portugal.....15193  
   sources.....11511, 16661,  
     19160  
   utilization.....15179  
   See also under Contain-  
   ers.  
 Celsia.....12866  
 Celtis occidentalis. See  
 Hackberry.  
 Census  
   agriculture.....5022  
     Belgium.....9859  
     Canada.....23899  
     India.....20521  
     Missouri.....18489  
     Panama.....18486  
   Brazil.....18485  
   coffee  
     Dominican Republic....  
       15174  
   families.....105  
   housing.....531, 8298  
     Venezuela.....525  
   livestock, Italy...24383  
   population  
     Canada.....5726  
     methods.....9269  
     Peru.....5745  
     Venezuela.....525  
   pulp and paper.....2207  
 Centaurea.....26224  
 Centipedes. See Chilopoda.  
 Central Calif. Berry  
 Growers Assoc.....28747  
 Central Valley Proj.,  
 Calif.....6876, 11309,  
     14353, 16432  
 Centre de Recherches  
 Agronomiques, Morocco....  
   5311  
 Centro de la Industria  
 Lechera (Argentina).23959  
 Centro Nazionale di Studi  
 sul Sorgo Zuccherino.8807  
 Centrosema virginianum....  
   5913  
 Centruroides.....28009  
 Cephalosporium diospyri  
   n. sp.  
   on persimmon.....15393  
 Cephalotes atratus...8074  
 Cephemyia jellisoni....  
   17983  
 Cephonodes hylas....23505  
 Cephus cinctus...3539, 8080,  
   25750  
   Canada.....3545  
 Cerambycidae  
   Cameroun.....7947, 12686  
   China.....17934-5  
   larvae.....7928  
   North Africa.....12688  
   See also names of fami-  
   lies and genera.  
 Ceramiaceae.....15270  
 Cerastium trigynum...15371  
 Ceraticelus.....28001  
 Ceratinia.....28182  
 Ceratitis capitata..23269,  
   28074  
   Italy.....7987  
   Uruguay.....3467, 17987  
 Ceratophya.....7993  
 Ceratophyllidae. See  
 Dolichopsyllidae.



- Item**  
 Ceratopogonidae.....18003  
See also names of genera.  
 Ceratostomella.....10539  
 Cercis.....10927  
 Cercopidae  
   collecting and collections.....8056  
   See also names of genera.  
 Cercospora festucae n. sp. on fescue.....15395  
 Cercospora judaica...26290  
 Cercospora physostegiae.  
   See Mycosphaerella physostegiae.  
 Cercosporaella carthami on safflower.....20818  
 Cereal products. See Breakfast foods; Grain products; and names of products.  
 Cereals. See Grain.  
 Ceresa.....23370  
 Ceresa bubalus.....23403  
 28133  
 Ceresan.....10339  
 Cereus.....739  
 Cereus giganteus.....6145  
 Ceria Fabricius, not Scopoli.....23244  
 Cerilochus.....12780  
 Cerioides.....3459  
 Cerioides malleus n. sp...17984  
 Cerococcus.....28128  
 Ceropegia.....15373  
 Cerosipha subterranea.....23366  
 Cetonana.....17884  
 Cetoninae.....7923, 20283  
 Cameroun.....12659  
 Ceutorhynchus inaeffectatus 23177  
 Ceutorhynchus pleurostigma 7939  
 Chaepsestis n. g.....8113  
 Chaetocnema pulicaria.....12442  
 Chaetocnema tibialis.12675  
 Chaetocnephala innupta n. sp.....3450  
 Chaetocraniopsis.....3450  
 Chaetomium globosum...1040  
 Chaetomorpha.....15392  
 Chaetoptilia.....12723  
 Chagas' disease. See Trypanosoma cruzi.  
 Chairs.....20405  
 Chalara quercina on oak.....15515  
 Chalciidae  
   Sweden.....23429  
   See also names of genera.  
 Chalybion coerulesum..23119  
 Chamaecyparis lawsoniana.  
   See False-cypress, Lawson.  
 Chambre Arbitrale des Cotons, Le Havre....9947  
 Champagne  
   Argentina.....23927  
 Changa. See Scapiteriscus vicinus.  
 Chantiers de la Jeunesse (France).....9348  
 Chaoborus.....12742  
 Chaparral.....15565  
 Chapman, Frederick...29480
- Item**  
 Chapman, John.....19831  
 Chapman and McFarlane Method.....13855  
 Chara.....28112  
 Characeae.....793  
 Charcoal.....2180-3, 4660, 7062, 7094, 11455, 11581, 11583, 11619, 16614, 16673-4, 16676-8, 16710, 18855, 22109, 22131-2, 24241, 27218  
   as fuel.....22159  
   in animal nutrition....22184  
   See also Kilns, charcoal.  
 Charcoal rot  
   of corn.....20303  
   of sorghum.....20303  
 Charlock.....3004, 11054  
 Chart case.....14902  
 Chase, Agnes.....14663  
 Chaste-tree, lilac...16270  
 Chaste-tree, negundo..1087  
 Chaveaud, Gustave...10093  
 Chayote.....1327, 26830  
 Cheat-grass. See Brome, cheat-grass.  
 Cheese  
   American.....9561  
   analysis and composition 4061, 8521, 8523, 8531, 8534, 8536, 13371, 18585, 20140, 28608  
   Australia.....28644  
   bacteria.....28632  
   Canada.....13435, 18634, 23955  
   Cheddar..61-2, 8238, 8534, 18585, 18631, 18638, 25095, 28608  
   regulation and inspection.....5487  
   Cheshire.....25095  
   coloring.....23982  
   cottage.....4126, 5364, 9740, 14942, 14953, 24014  
   defects.....8564  
   Edam.....18625  
   Emmental.....4095, 8561  
   fortified.....28635  
   goats milk...8569, 18639  
   guava.....24026  
   industry....4025, 23268, 23965, 23968  
   manufacture...4095, 4113, 4116, 4123-4, 4129, 4133, 5782, 8256, 8510, 9940, 13435, 13440, 13446-7, 18625-6, 18631, 23904, 24037, 28633, 28644  
   equipment.....8238  
   home.....333, 4115, 4117, 18617  
   market reports....25522  
   marketing.....8510  
   milk for.....8535  
   Minas.....13448  
   New Zealand....23904  
   nutritive value....264, 25095  
   pests.....23228  
   programs.....4096  
   quality.....4132, 8561, 18610
- Item**  
 Cheese--Continued.  
   regulation and inspection.....5487, 9651  
   Roquefort.....24036  
   Sbrinz.....28648  
   sheep milk.....18639  
   situation and outlook...28435  
   starters....13427, 13452, 18637, 23990-1, 24042  
   statistics.....25303, 25335-6, 25559  
   Stilton.....25095  
   storage.....13450  
   Swiss.....4025, 13452  
   Switzerland...4011, 4061, 4095, 8481, 8504, 18641  
   Union of South Africa...18631  
   vitamins.....25095  
 Cheese skipper. See Piophilha casei.  
 Cheiranthus....16025, 26793  
 Cheiridium museorum..12605  
 Chelidonium majus....6184  
 Chelifer cancrioides..7910, 27998  
 Chelonethida.....28019  
 Diplosphyronida....12578  
   See also names of families and genera.  
 Chemistry.....10070, 24599, 25223  
   Colombia.....19876  
   See also Biochemistry.  
 Chemurgy.....4411, 18424  
 Chenopodiaceae.....5979  
 Chenopodium.....17636  
 Chenopodium ambrosioides..26197  
 Chenopodium botrys....6528  
 Chenopodium quinoa. See Quinoa.  
 Cherimoyas.....5839, 15933  
 Chermes abietis.....20323  
 Chermeson, Henri....14655  
   publications.....14655  
 Chernozem soils.....16286  
 Cherries.....4289  
   anatomy and physiology..15970  
   Canada.....8683  
   culture.....15959  
   diseases.....6111, 10303, 15482, 15554, 15557, 20787, 20843, 20880  
   resistance.....26379  
   drying.....24267  
   pests....3520, 8116, 17725  
   propagation.....26379  
   regulation and inspection.....5487  
   spraying and dusting...15970  
   varieties.....1373  
   yields.....6062  
   See also Prunus.  
 Cherry, Bessey.....20340  
 Cherry, oriental....16113  
 Cherry, sand.....25783  
 Chestnut, Chinese....11510  
 Chestnut soils.....11253  
 Chestnut weevil. See Curculio rectus.  
 Chestnuts.....10860, 11666  
   Argentina.....26731  
   breeding.....26732  
   culture.....619, 21035
- Item**  
 Chestnuts--Continued.  
   diseases.....10354  
   resistance.....9699  
   preservation.....8748, 8752  
   soils.....16313  
   varieties.....10041  
   wood.....20079  
 Chevron.....11954  
 Cheyletidae.....23100  
   See also names of genera.  
 Chick embryos. See Embryos, chick.  
 Chicken body louse. See Eomenacanthus stramineus.  
 Chicken mite. See Dermansysus gallinae.  
 Chicken pox. See Fowlpox.  
 Chickens. See Chicks; Poultry.  
 Chicks.....97, 28961  
   anatomy and physiology..7447, 17339, 22674, 27630  
   care.....2827, 2835, 2842, 2844, 2887-8, 2894, 2902, 2908-9, 2924, 2935, 2940, 3805, 7420, 7513, 9810, 12143, 12153, 12185, 17384, 17408, 20451, 25879, 27683  
   seasonal.....2899, 12146, 17385, 22717  
   diseases.....2758, 2765, 2798, 2821-2, 7481, 7498  
   resistance.....27628  
   feeding and nutrition...2723, 2733, 2735, 2738-9, 2743, 7443-4, 7447, 7454-5, 7459, 7484, 7492, 9693, 12087, 17264, 17284, 17301, 20296, 20451, 22633, 22638-9, 22652, 27575  
   deficiencies.....22674  
   use of substitutes....7448  
   marketing.....4582  
   metabolism.....2740  
   parasites.....7481, 7497  
   purchasing.....2922  
 Chickweed.....1872  
 Chicopee Mfg. Corp..18702, 20225  
 Chicory.....16229, 21639  
   pests.....28098  
   See also Witloof.  
 Children.....9282  
   care.....319, 467, 5083, 9867, 15100, 23590  
   education and training..5631, 5768, 9276, 14393, 25930  
   nurseries  
     U. S. S. R.....24669  
   welfare.....15134  
   See also Infants; Nutrition (human), children; Youth.  
 Chile. Junta de Exportación Agrícola.....5790  
 Chile. Museo Nacional de Historia Natural.....5289  
 Chilean nitrate. See Potassium nitrate; Sodium nitrate.



- Item**  
*Chilena napina*.....10936  
*Chilo simplex*...3565,28188  
*Chilopoda*.....7911  
 bites.....17882  
 China.....3381  
 Helgoland.....17664  
See also names of families and genera.  
*Chimabache fagella*....3587  
*Chimeras* (plant)....1050, 20907  
*Chimneys*.....23582  
 China, Natl. Agr. Res. Bur.....21112  
*Chinaberry, umbrella*..1416  
*Chinch bug. See Blissus leucopterus.*  
*Chinese spinach. See Amaranthus gangeticus.*  
*Chinureum*.....7157  
*Chionanthus virginica*....10963  
*Chipboard. See Paperboard.*  
*Chironomidae. See Tendipedidae.*  
*Chironomus. See Tendipedes.*  
*Chironomus claripennis Malloch. See Harnischia galaptera n. n.*  
*Chironomus pallidus Johannsen. See Microtendipes caducus n. n.*  
*Chiroptonyssus texensis n. g., n. sp.*.....23097  
*Chisocheton*.....26218  
*Chlaenius, parasites and predators of*.....10288  
*Chlamydolecanium conchoides*.....12764  
*Chloral hydrate*.....22256  
*Chloralose*.....25174  
*Chloranil*.....10300  
*Chloranthaceae*.....755  
*Chlorella*.....6258  
*Chlorella pyrenoidosa*....6230  
*Chlorella vulgaris*...15678  
*Chlorellin*.....15678  
*Chlorides*.....24350  
*Chlorine*.....6745,6763, 26309,26494  
 in milk.....13379  
*Chlorion laeviventris*....8077  
*Chloris halophila n. sp.*...5966  
*Chloris humbertiana n. sp.* 5919  
 2-Chloro-3, 5-dibromobenzoic acid.....26533  
 2-Chloro-3, 5-diiodobenzoic acid.....26533  
*Chlorochroa sayi*.....68  
*Chlorophenols*.....20094  
*Chlorophyll*.....1028  
*Chlorophytum*.....782  
*Chlorophytum elytum*..20918  
*Chloropisca notata*....3474  
*Chloroplasts*.....10562  
*Chlorosis*.....1013  
 of begonia.....20976  
 of flax.....1043  
 of fruit.....26502  
 of grape.....26503  
 of Hevea.....6059  
 of plants.....6235  
 of rice.....992  
 of tomato.....10605  
 of trees.....20967
- Item**  
 Chlorosis, infectious of broom-jute sida..15445  
*Chlorotettix, Mexico*..8050  
*Chlosyne saundersii*..23488  
*Chocolate*.....13972  
 analysis and composition 28544  
 grading and standardization.....28531  
See also Cocoa.  
*Chokecherries*.....21615  
*Cholesterol*.....9443  
*Choline*.....2587,7129,7173  
*Cholinesterase*.....22910  
*Chondroplea populea* on poplar.....10350  
*Chopard, L.*....12569,12656, 12769,28096  
*Chopardana n. g.*.....12769  
*Chopardimya n. g.*....28096  
*Chopardita n. g.*.....8066  
*Chorisia*.....16267  
*Chorthippus parallelus*....18153  
*Chortinaspis iridis n. sp.* 8046  
 Christmas.....321,447, 15050-2,20398,20412  
 carols.....5673  
 trees.....2167,22121, 27203,27207  
*Chromatin*.....26487  
*Chromosomes*.....20934,20940  
 insect.....3463,3465,2483, 7984,11711,18094, 23208,23223,23231, 23234,23252,23261, 23301,23529-31  
 plant.....966,6181,10469, 10473,10476,15578, 15596,15598,15607, 15709,20641,20645, 20663,20910-11,20926, 20931,26422,26437  
See also Genes; Meiosis; Mitosis; Polyploidy.  
*Chrysanthemum*.....14708, 15267,16042,16135, 21495  
 anatomy and physiology..6290,15664  
 breeding.....21396  
 culture.....1457,6555, 6587,10960,10962, 16031,16051,16121, 16151,21368,21427, 21436,21500,21527  
 diseases.....15455  
 varieties.....1486,1492, 1498,1575,10872, 10880,16026,16068, 16136,16155,16167, 21387,21439,21551  
*Chrysanthemum foenicula-ceum*.....10906  
*Chrysanthemum maximum*....10956,16057  
*Chrysiridia madagascariensis*.....12815  
*Chrysobothris femorata*...3423  
*Chrysogaster*.....28075  
*Chrysoline*.....22989  
*Chrysomphalus aonidum*....18057  
*Chrysomya rufifacies*..17985  
*Chrysomyza*.....28096  
*Chrysopa atlantica*....23559  
*Chrysophyllum*.....5942  
*Chrysostomataceae*....26268
- Item**  
*Chrysothamnus nauseosus. See Rabbitbrush, rubber.*  
*Chryso*.....17858  
*Chthonius tetrachelatus*...12601  
 Church of the Brethren....14373,20280  
 Churches...1467,5100,9311, 14403,14410,15133, 19591,19634,19639, 19665,20280,29216, 29298,29301  
 Churning. See Butter, manufacture.  
*Chyphotes bicolor n. sp.*...18092  
*Chytridiales*...15398,15577  
*Chytriomycetes n. g.*....15398  
*Ciboria carunculoides* on mulberry.....15411  
*Cicadella viridis*.....23351  
*Cicadas. See Cicadidae.*  
*Cicadidae*.....3512,18074  
See also names of genera.  
*Cicindela*.....7935  
*Cicindela vicina pauliani n. ssp.*.....12622  
*Cicurina*.....23099  
*Cidaria*.....23462  
*Cider*...13309,13592,18509, 23946,28789  
*Cigarette beetle. See Lasioderma serricorne.*  
*Cigarettes*...160,3910,8033  
*Cimex*.....12759  
 control.....12771,25870  
*Cimex lectularius*...12439, 18069  
 control.....8054,28064  
*Cimex pilosellus* control.....23389  
*Cimexopsis nyctalis*..12759  
*Cimicifuga foetida*...10897  
*Cinara*.....23372  
*Cinchona*...5783,5888,9032, 10043,21676  
 bark.....24550  
 Belgian Congo.....21648  
 Brazil.....26876  
 Colombia.....19173  
 diseases.....6074,15475  
 Latin America.....11108  
 South America.....11576  
See also Quinine.  
*Cinchona pitayensis*...775, 20717  
*Cinnamomum*.....11086  
*Cinnamon-fern*.....11105  
*Cinommata bistrigata izquierdoi n. ab.*....3606  
*Cinquefoil, bush. See Potentilla fruticosa.*  
*Cintractia. See Smut, of nutgrass flat-sedge.*  
*Cirrhosis, of liver* in swine.....12338  
*Cirsium lanceolatum*..10173  
*Cisterns*.....13059  
*Cistus*.....6530,20685  
*Citheronia*.....23475  
*Citric acid*.....13964  
*Citrin*.....25127  
*Citronella congonha*..20714  
*Citrus*  
 anatomy and physiology..886,1007,1075, 10545,10549,15644, 15649,28787  
 Argentina.....18785,26706
- Item**  
 Citrus--Continued.  
 Australia.....28757  
 biochemistry..15644,21021  
 byproducts.....24170  
 as feed...11668,13644, 16938  
 cooperatives.....8723, 13605,18814  
 costs and returns..19459  
 culture.....1312,1334, 6685-6,10831,11295, 12951,16538,21269, 26698,26705  
 diseases...805,852,857, 872,890,1033,1064, 6030,6156,10138, 10295,10327,10335, 15502,15422,15428-30, 15540,15560,20750, 20875,20882,20965  
 control...15457,26324, 26381  
 fertilizers..6817,11280, 21799  
 heredity.....1050  
 history.....15913  
 India.....6411  
 industry.....2886,8707, 18767,18814,24143, 28727  
 injuries.....15465,20788  
 irrigation...1908,1914, 6867,6880,11320  
 juices and sirups..4299, 4364,5252,8765, 13574,13656,24181, 24211,24255,25121, 28556  
 concentrated....4323, 18827  
 labor.....19285  
 Latin America.....18768  
 market reports....25507  
 marketing.....8716,8722, 8730,18806,24190, 24194,28757,29503  
 New Zealand...1326,26693  
 Nicaragua.....15284  
 nutritive value...5250, 25137  
 oil.....13838,24398  
 Palestine.....28730  
 pests.....3511,3634-5, 12562,12766,12776, 12789,15464,17725, 17748,18062-3,22975, 23374,23388,23499  
 planting.....6888,26702  
 postwar.....8722  
 preservation.....24238, 28796  
 prices.....28757  
 control.....18823  
 processing.....19873  
 products.....8753  
 propagation..6415,21261, 21268,21284,26697  
 pruning.....1311,1319, 6412,10832,15944,19496  
 Puerto Rico.....15913  
 research...24211,28793, 28807  
 Rio Grande Valley..24143  
 Salt River Valley..26696  
 situation and outlook...8687,13568, 18780,24186,28750  
 soils.....11295  
 South America.....15928



- Item**
- Citrus--Continued.  
 spraying and dusting....  
     844,1075  
 statistics.....29503  
 storage.....28787  
 trade.....25425  
 Trinidad and Tobago....  
     21258  
 Tripolitania.....18787  
 Union of South Africa...  
     4271,8716  
 vitamins.....5234  
 waste.....5227  
See also Insurance,  
citrus; and names of  
fruits.
- Citrus aurantium. See  
 Oranges.
- Citrus blackfly. See  
 Aleurocanthus woglumi.
- Citrus limonum. See Lem-  
 ons.
- Citrus thrips. See Scirto-  
 thrips citri.
- City refuse. See Refuse,  
 city.
- Cixini, Lesser Antilles..  
     28138
- Cladonia.....26298
- Cladophora.....26266
- Cladosporium fulvum. See  
 Leaf mold, of tomato.
- Clasoptera proteus  
 nigricollis.....18065
- Clavaria.....15407
- Claviceps paspalis....12016
- Claviceps purpurea....883  
See also Ergot.
- Clavicornia. See Coleop-  
 tera, Clavicornia.
- Clays.....6737,16319,  
     21697,21706  
See also Soils, clay;  
and kinds of clay.
- Clayton, Will.....28718
- Cleardas.....28215
- Cleistogamy.....1014,6240
- Clematis.....1484,6487,  
     6519,6588,10900
- Clematis paniculata...3474
- Cleomenes.....17935
- Clerck, C. A.....23493
- Clidemia.....20697
- Climate and weather..9509,  
     25211,27177  
 Basque Region.....11204  
 Chile.....29440  
 Colombia.....24607  
 Dominican Republic..9132  
 Ecuador.....19178  
 effect on  
   insects.....3290,3545,  
     12462,17787,18128,  
     28224  
   livestock.....12008,  
     22320,22442  
   milk.....8525  
   plant disease.....882,  
     887,26353,26472  
   plants.....1083,1617,  
     3195,6062,6396,  
     6809,9510,10411,  
     10434,10580,15265,  
     15333,15416,15505,  
     15564,15937,15950,  
     17787,20317,20968,  
     21209,21325,26393,  
     26565,26664  
   soils.....11216,21692  
   trees..6312,7026,21445
- Item**
- Climate and weather--Con-  
 tinued.  
 France,11198,11213,14622  
 Libya.....24592  
 Mexico.....14683-4  
 Norway.....20072  
 South America.....25210  
 U. S. S. R.....9872  
See also Atmosphere,  
effect on plants;  
Drought; Frost; Hail;  
Humidity; Hurricanes;  
Meteorology; Precipita-  
tion; Temperature; Wind;  
and subhead injuries  
under specific sub-  
jects.
- Climbing plants.....10990  
See also Vines; Rose,  
climbing.
- Clinodiplosis oleisuga....  
     12791
- Clinton, George Perkins...  
     25200
- Clippers.....3690
- Clitocybe olearia....10636
- Cloacina n. g.....3473
- Cloches....10004,26090-1,  
     26826
- Clogs.....16654
- Closterium.....10466
- Clostridium....10640,15732
- Clostridium botulinum....  
     11174
- Clostridium chauvei..16824
- Clostridium leptinotarsae  
 n. sp.....23150
- Clostridium perfringens...  
     22403  
See also Mastitis.
- Clothes driers.....5706
- Clothes moths....3607,5365,  
     18127  
See also Tinea, Tineola;  
Trichophaga.
- Clothing.....23,387,394-6,  
     398,5648,25804  
 made-over....19900,25259  
 Southwestern States....  
     20608  
See also 4-H Clubs,  
clothing; Sewing.
- Clove oil  
 synthetic.....8459
- Clover.....21129  
 anatomy and physiology..  
     15673  
 culture.....12255  
 diseases.....15496,20885  
 germination.....1237  
 harvesting  
   equipment.....3753  
 hay.....22382  
 honey plant.....3303  
 pests.....17940,27909  
 yields.....5473  
See also Bur-clover;  
Sweetclover; Tick  
clover, and kinds of  
clover.
- Clover, alsike.....1204,  
     9528,9549-50
- Clover, crimson.....3753,  
     5694,10744,15291,  
     17812,21184
- Clover, Egyptian.....21146  
 diseases.....15474
- Clover, Hubam...1237,21760
- Item**
- Clover, Ladino.....295,  
     2438,6370,17786  
 seed.....28318
- Clover, low hop.....9781
- Clover, red.....954,1229,  
     7771,9719,21058,  
     21132,21721  
 anatomy and physiology..  
     26510  
 harvesting.....28314  
 seed.....9549-50,19881,  
     21124
- Clover, subterranean.....  
     2026,3374
- Clover, white..1243,17812,  
     21058,26644  
 culture.....16122  
 honey plant.....7789
- Clover-leaf weevil. See  
 Hypera punctata.
- Clover mite. See Bryobia  
 praetiosa.
- Clovia.....8056
- Clubiona.....23099,28002
- Clubroot.....20822  
 of Brassica.....6094  
 of cabbage.....865  
See also Plasmodiophora  
brassicacae.
- Clubs  
 garden.....5158,6400  
 Newfoundland.....5158  
 Union of South Africa...  
     5093  
 youth.....485,14421,  
     14446,20400,29310  
See also Communities,  
group activities; Dis-  
cussion groups; 4-H  
Clubs; names of organi-  
zations; and subhead  
associations under  
specific subjects.
- Cluster fly. See Pollenia  
 rudis.
- Clysia ambiguella....841,  
     23456,23465,23489,  
     23494  
 control.....28201  
 parasites and predators  
   of.....28200
- Clytostoma cuneatum n. sp.  
     20688
- Cnemidocoptes mutans.17886
- Cneorhinus.....12666
- Cnephasia incertana..23474
- Cnidoscopus.....753
- Cobalt.....11747,20306  
 in animal nutrition....  
     16958,22200,27394  
 in plants....20994,27096  
 in soils.....27096
- Coccidae.....9658  
 control.....3511,12766,  
     12772,12776,18062,  
     20459,23361
- Fiji.....23382
- Italy.....23379
- Symbionts.....28161  
See also names of  
genera.
- Coccidiosis  
 control.....2769  
 in calves.....16996  
 in dogs.....7345  
 in pigeons.....2771  
 in poultry.....412,452,  
     2756,2759,17329,  
     22658
- Item**
- Coccidiosis--Continued.  
 in poultry--continued.  
 control.....2794,2821,  
     7497,12096,12114,  
     17303,17319  
 therapy.....2785,12115  
 in rabbits....2973,7602,  
     12223  
 in swine.....26047  
 in turkeys....2767,17335
- Coccinella ancoralis.12614
- Coccinella septempunctata.  
     23377
- Coccinellidae...3103,12634  
 genetics.....7966  
See also names of  
genera.
- Coccoidea.....28129  
See also names of fami-  
lies and genera.
- Coccus hesperidum....23388
- Cochliomyia.....23235
- Cochliomyia americana....  
     23227
- Cocker Spaniel Club of  
 South. Calif.....7327
- Cocklebur.....1681,1692
- Cockroaches.....8138  
 anatomy and physiology..  
     22910  
 control.....3616,7736,  
     8134,25187  
 distribution.....23527  
 history.....23527  
See also Blattidae; and  
names of genera.
- Cocks.....229,2678,12053,  
     12060,17356-7,22617,  
     22758,27565,27603,  
     27629  
 care.....12187,17229  
 dubbing.....12095  
 purchasing.....7552,7587
- Cocksfoot. See Orchard-  
 grass.
- Cocoa.....3966  
 grading and standardi-  
 zation.....28531  
 waste, as feed.....7680,  
     7684  
See also Chocolate.
- Coconuts.....1324,26251  
 breeding.....21659  
 diseases.....931,6060,  
     20883  
 dwarf trees.....21267  
 Mexico.....8695  
 nutritive value....25161  
 oil.....9931  
 pests.....3424  
 Philippine Islands.18772  
 seed.....18836  
See also Copra.
- Cod-liver oil...7498,9410,  
     14598,19772
- Codling moth. See  
 Carpocapsa pomonella.
- Coelogyne tomentosa...6489
- Coelomomyces.....26276
- Coelomomycetaceae....26276
- Coenosia.....23286
- Coenosinae.....23286
- Coenurus cerebralis..12694
- Coffea arabica. See  
 Coffee, Arabian.
- Coffee.....118,3987,5837,  
     13287-8,23921  
 Africa.....13156  
 analysis and composition  
     13278,18504



- Coffee--Continued.**  
 anatomy and physiology.. 20986  
 and health.....29378  
 as fertilizer.....16549  
 Belgian Congo.....18501,  
 20086  
 Brazil... 3986, 8456, 9367,  
 13237, 13280, 13310,  
 13313, 13317, 15164-5,  
 15197, 15785, 15802,  
 16261, 18494, 18513,  
 18518, 18520, 18524,  
 19483, 19547, 19550,  
 19719, 23931, 26006,  
 26878, 26880, 28429,  
 28521, 28543, 28551,  
 29350  
 brewing  
 equipment.....311  
 Colombia... 13316, 13324,  
 14284, 14502, 18515,  
 19728, 20519, 23922  
 conferences and con-  
 gresses.....3970, 28557  
 consumption... 3968, 18504  
 Costa Rica... 4955, 9924  
 costs and returns... 4955,  
 14284, 19483, 28557  
 culture.....1719, 1730,  
 1735, 6725, 6730,  
 11275, 16268, 21664  
 diseases.....1076, 15467,  
 20745, 20887, 23380  
 resistance.....20816  
 Dominican Republic... 15174  
 drying equipment... 12987  
 El Salvador... 3975, 18495,  
 25030, 28523  
 fermentation  
 equipment.....12987  
 fertilizers... 6820, 16349,  
 21782  
 flavor and aroma... 18528  
 grading and standardi-  
 zation.....18498, 18504  
 Guatemala... 1702, 21653,  
 21670  
 history.....18524, 28551  
 India.....3977, 6715  
 industry.....8453, 26014  
 irrigation.....21738  
 Italian East Africa.....  
 11101, 16282, 18504,  
 21647, 21651, 26883  
 Latin America.....18525  
 marketing... 3982, 13320,  
 28557  
 Mexico.....28557  
 Nicaragua.....18497-8  
 nutritive value... 5251,  
 19778  
 packaging.....23939  
 pests... 3387, 3430, 7918,  
 12612, 17917-19, 23380,  
 28236-7  
 policies.....18492-3  
 Portugal.....13329  
 prices... 3969, 3983, 8453,  
 18512, 28557  
 control... 13325, 18497,  
 18520  
 processed... 13329, 23931  
 processing... 18210, 18501,  
 18503, 28523  
 propagation.....20972  
 pruning.....6704, 11092  
 Puerto Rico.....14420  
 regulation and inspec-  
 tion.....5487  
 research.....9582
- Coffee--Continued.**  
 shading.....6697, 6705,  
 6707, 6728, 16261  
 situation and outlook...  
 13303, 28557  
 soils.....6771, 16375,  
 16381, 21738, 21744  
 statistics.....14707,  
 18515-6, 26006  
 substitutes.....13329  
 Tanganyika.....26872  
 trade.....5169, 19705,  
 19715-16, 19719,  
 19728, 25030, 29350  
 transportation.....8456  
 utilization.....2039  
 Venezuela.....5762, 26014  
 waste, as feed.....22212  
 See also Silage, coffee  
 pulp.  
 Coffee, Arabian.....21654  
 Coffee berry borer. See  
 Stephanoderes hampei.  
 Coffee Res. Sta., Lya-  
 mungu, Moshi (Tanganyika)  
 2529  
 Coimbatore Agr. Col... 17081  
 Colchicine  
 effect on plants... 10487,  
 15576, 26420, 26479,  
 26516  
 growth substance... 6261,  
 20988, 20993, 26478,  
 26511  
 polyploidizing agent...  
 969, 982, 1282,  
 15876, 20955, 20961  
 Colchicum.....16086  
 Cold  
 effect on soils... 26893  
 in food preservation...  
 5778  
 Cold (disease). See  
 Coryza.  
 Cold cream.....28247  
 Coldframes.....6399, 6403,  
 6666-7, 10816-17,  
 20424, 21229, 21238,  
 26739  
 Colegio de Victoria,  
 Chile.....2227  
 Coleophora.....12838  
 Coleoptera.....3417, 3422,  
 3426, 20283-4, 23177  
 Africa.....12647  
 anatomy and physiology...  
 3439, 28042  
 aquatic.....17959  
 as pests.....23149  
 Belgian Congo.....9975  
 Canada.....3429  
 Central America.....3391  
 China.....17934-5  
 Clavicornia.....7954  
 France.....7953  
 Germany.....17941  
 Great Britain.....3101,  
 3404, 7929, 7943,  
 17677, 17932  
 habits and behavior...  
 7726  
 Isle of Man.....17912  
 Madagascar.....12652  
 Mexico.....3391  
 New York (State)... 12651  
 parasites and predators  
 of.....7691  
 Rio de Oro.....12666  
 Sahara.....12670  
 Scandinavia.....23157  
 South America.....3391
- Coleoptera--Continued.**  
 Sweden.....23156, 23163,  
 23182-3, 23186, 23192,  
 23207, 23218  
 West Indies.....3391  
 See also common group  
 names and names of  
 families and genera.  
 Coleus.....26455  
 Colewort.....1658, 10471  
 Collas.....18098, 18126  
 Collas eurytheme... 23497  
 control.....12856  
 Collas lesbia.....3553  
 Colibacillosis. See Scours,  
 in calves.  
 Colic, in horses.....2649,  
 7367, 7387, 7390, 22557  
 Coliform bacteria... 8513,  
 17118, 18587  
 Colima n. g.....12571  
 Colin, Henri.....14654  
 Collar rot, of citrus... 872  
 Collective farming  
 Ecuador.....29187  
 India.....19468, 24603  
 Libya.....24592  
 Mexico.....14027, 14045,  
 20530  
 U. S. S. R.... 484, 4899,  
 4903, 4990, 6328,  
 6342, 9070, 9100,  
 9130, 9173, 9192-3,  
 9213, 9873, 14214,  
 14243, 15200, 19208,  
 19423, 19540, 24669,  
 24778, 24780, 24787,  
 24794, 24812, 24815,  
 25988, 28888, 29107,  
 29109, 29136, 29200,  
 29217  
 maps.....654  
 Colleges. See Land-grant  
 colleges.  
 Collembola.....3632, 8151,  
 12896  
 See also names of fami-  
 lies and genera.  
 Colletotrichum. See  
 Anthracnose, of tobacco.  
 Colletotrichum agaves.  
 See Anthracnose, of  
 agave.  
 Colletotrichum capsici...  
 20836  
 Collinsia verna.....1569  
 Colloids. See Seaweed,  
 colloids; Soils, colloids.  
 Collomia.....15370  
 Collybia collina... 15403  
 Collybia costae... 6005  
 Colon (genus of insects).  
 See Kolon.  
 Colonization. See Land,  
 settlement and coloniza-  
 tion.  
 Color.....428  
 effect on insects... 12387  
 in animals.....27763  
 in insects... 12870, 17943  
 in plants... 20939, 20950,  
 26436  
 measurement.....26121  
 terminology.....1428  
 See also Pigmentation;  
 Pigments; and under  
 specific subjects.  
 Colo. Agr. Expt. Sta.....  
 2423, 9662, 10334  
 Colorado potato beetle. See  
 Leptinotarsa decemlineata.
- Colo. State Col. of Agr.**  
 Div. of Forestry and  
 Range Conserv.....16722  
 Colorimetric tests... 3176,  
 11147, 12391  
 Coloring. See Dyes.  
 Colostrum.....4008, 8488,  
 27384  
 Colts.....2633, 2664, 7393,  
 22520  
 diseases.....27522  
 feeding and nutrition...  
 17157, 17160, 27512  
 See also Foals.  
 Columbia River Basin.....  
 14914, 20502  
 Irrig. Proj.....15027  
 Columbia Univ. Pub. Work-  
 shop.....25396  
 Columbia Valley Authority.  
 8353  
 Columbine. See Aquilegia.  
 Colysis evardii n. sp....  
 10255  
 Comb. of poultry.....7488  
 Combined Food Bd.....18401  
 Combines... 3713, 3747, 8239,  
 12992, 12997, 13004,  
 13024, 18275, 23647,  
 23653, 23663, 28290,  
 28293  
 Combretum.....10175  
 Comisión Nacional Pro-  
 ductores de Leche  
 (Uruguay).....18598  
 Committee on Agr. Price  
 Supports and Their Conse-  
 quences.....3926  
 Committees, agricultural  
 Australia... 19310, 19314,  
 19316, 19333, 19372,  
 19390, 19392, 29135  
 Great Britain.....4993  
 Commodities. See Agricul-  
 tural products; Pools,  
 commodity; Raw materials;  
 and names of commodities.  
 Commodity Credit Corp. See  
 U. S. Dept. of Agr.,  
 Commodity Credit Corp.  
 Common malaria mosquito.  
 See Anopheles quadri-  
 maculatus.  
 Common red spiders. See  
 Tetranychus.  
 Communications  
 Ecuador.....19178, 29081  
 Communist Youth Organ.,  
 U. S. S. R.... 9351  
 Communities... 5768, 29264  
 Arkansas.....19957  
 Canada.....5038, 24752  
 centers.....25982  
 cooperatives.....4719,  
 19272  
 forest.....6960  
 Great Britain.....25982  
 group activities... 466,  
 5031, 25887, 25921  
 Illinois.....20280  
 Iowa.....25887  
 Kansas.....5495  
 Massachusetts... 19959  
 Mississippi.....19564  
 North Carolina... 5037  
 Northern Great Plains...  
 19945  
 organization.....19573  
 planning.....9885  
 postwar.....9869



- Communities--Continued.**  
 programs.....5036,14464,  
 14758,14819,25887  
 surveys...487,527,24908,  
 Kansas.....24907  
 Tennessee.....9276  
 West Virginia.....466  
See also Canning and  
 preserving, community;  
 Clubs; Committees,  
 agricultural; Coopera-  
 tion, neighborhood;  
 Discussion groups;  
 Labor; Landscape gar-  
 dening, community;  
 Leadership, rural; Rec-  
 reation; Refrigeration,  
 community; Town and  
 country planning;  
 Towns; Villages.
- Compagnia Cotoniera del  
 Baro (Gambela).....13528**  
**Compagnia delle Fibre  
 Tessili Vegetali d'Eti-  
 opia, (Milan).....13484**  
**Compagnia Italiana Semi e  
 Frutti Oleosi S. A.,  
 (Milan).....13843**  
**Compagnia Nazionale per il  
 Cotone di Etiopia...13515**  
**Complement fixation...7636**  
**Compositae.....738,6110,  
 6186,10174,21548**  
**Composts.....2035,2038,  
 2041-2,2044,5845,  
 6811,6946,6950,  
 7114,7546,10014,  
 15553,20591,21990,  
 21997,21999,22928,  
 27110**  
 effect on  
 plants.....27112  
 soils.....21994  
**Germany.....22003**  
 history.....27115  
 preparation.....6941,  
 6947,6954,11438,  
 11442-4,16547,  
 16552-4,16558,21984,  
 21986,21993,22001,  
 22007,27111  
See also subhead as  
 fertilizer under  
 names of products;  
 and names of compo-  
 nent materials.
- Compreg.....20087**  
**Compression of food. See  
under names of products.**  
**Comstock mealy bug. See  
 Pseudococcus comstocki.**  
**Conarachin.....24414**  
**Concentrates (feed)...2443,  
 8591,8595,11836,  
 18652**  
 for cattle..16965,22380,  
 22383,27399  
 for rabbits.....17503  
**Conchostreptus n. g..17894**  
**Concrete.....13146**  
**Condiments.....21677**  
 analysis and composition  
 13279,13292  
**Confectionery...4653,8392,  
 15201,22935,28932**  
 analysis and composition  
 13186  
 industry.....19139  
 manufacture.....13965
- Confectionery--Continued.**  
 nutritive value....5785,  
 9472  
 regulation and inspec-  
 tion.....215  
 vitamins.....9435  
**Confederación de Asocia-  
 ciones Rurales de Buenos  
 Aires y la Pampa....24982**  
 Conference on the Contrib.  
 of Ext. Methods and Tech.  
 Toward the Rehabil. of  
 War-Torn Countries.....86  
 Conferences and con-  
 gresses.....5307,15307,  
 25636,29485  
 Argentina.....14616  
 Guatemala.....9479  
 inter-American.....9507  
 international.....9480  
 Italy.....26101  
 Southern Rhodesia..29303  
 Spain.....24726,27333,  
 29448  
See also names of con-  
 ferences and under  
 specific subjects.
- Conferência das Classes  
 Produtoras, Teresópolis..  
 19336**  
**Conferencia Interamericana  
 de Agricultura, 2d, Mexi-  
 co City, 1942.....26100**  
**Conferencia Interamericana  
 del Café.....28557**  
**Congo pea.....6240**  
**Congrès National Pomologi-  
 que (France).....18758**  
**Congreso Agrícola de  
 Galicia.....24726,29448**  
**Congreso Agrícola del  
 Duero.....27333**  
**Congreso de Productores de  
 Leche (Chile).....18543**  
**Congreso Nacional de  
 Colonización, 1st  
 (Uruguay).....24860**  
**Congreso Rural Argentina,  
 4th.....13150**  
**Coniferae.....607,5476,  
 10085,10119,10941,  
 10954,10967,20637**  
 anatomy and physiology..  
 6278,10518,20992  
 diseases.....6135,10372,  
 15461  
 pests..27881,27883,27911  
See also Evergreens.
- Conn. Agr. Expt. Sta..9664**  
**Conoderus bellus.....5498**  
**Conopia tipuliformis.....  
 22976**  
**Conopistha.....17869**  
**Conorhinopsylla nidicola..  
 12897**  
**Conostegia.....20697**  
**Conothyrium, on rose...871**  
**Conotrachelus denieri....  
 17950**  
**Conotrachelus nenuphar,  
 control.....28057**  
 Conservation. See Agri-  
 cultural Conserv. Pro-  
 gram; Conservation farm-  
 ing; Conservation of  
 natural resources; Soil  
 conservation; Vegetation,  
 relation to conservation;  
 and under specific sub-  
 jects.
- Conservation farming...26,  
 28-30,33,180,187-8,  
 1982,5371-2,5374,  
 5376,9544,9548,  
 11372,11385-6,11390,  
 14919,16328,16330,  
 16512,21739,21741,  
 21745,21748,25628,  
 27047**  
 costs and returns..19481  
 Kentucky.....9794  
 Nebraska.....20420  
 North Carolina.....5368  
 Ohio.....21746  
 Piedmont Area.....21913  
 programs....19921,19923,  
 19925,19927-8,19930,  
 19934-5,19940,25279  
 social effects.....21749  
 Southern States.....5375  
 Texas.....5377  
See also Contour farm-  
 ing; Strip cropping;  
 Terracing.
- Conservation of natural  
 resources....5267,14629,  
 19809,20604,26096**  
 Canada.....25186  
 conferences and con-  
 gresses.....15311  
 Germany.....26112  
 international.....19805  
 legislation.....14641  
 Nevada.....20497  
 Ohio.....25173  
 study and teaching..14912  
**Consolidated Ute Indian  
 Reserv.....24707**  
**Consolidated Vultee Air-  
 craft Corp.....13599**  
**Consorzio Produttori  
 Latte di Torino (Italy)..  
 8476**
- Constipation**  
 in dogs.....2604  
 in horses.....17177  
 in rabbits.....7605  
**Construction...14903,18314**  
See also subhead con-  
 struction under  
 specific subjects.
- Consumers...25246-7,26032**  
See also Cooperative  
 organizations, con-  
 sumer; and subhead con-  
 sumer preferences under  
 specific subjects.
- Consumption**  
 Portugal.....24589  
See also under names of  
 commodities.
- Contact lens**  
 for horses.....27516  
**Containers.....3909,18459,  
 23818,23841,25512,  
 cellulose-base.....28477**  
 designs and specifica-  
 tions.....3906  
 fiber.....7079,8424,  
 9954,11601,11603,  
 23840,23843  
 fiberboard.....16697  
 glass.....8422,13229  
 laminated foil....23939  
 metal.....211  
 moldproof.....28776-7  
 paper and paperboard...  
 14720,18458
- Containers--Continued.**  
 plywood.....16707  
 situation and outlook...  
 8423,8426,20129,  
 25570  
 tin.....3908  
 used.....5349,15209  
 directories.....20155  
 wood.....2174,27209  
See also Cushioning  
 materials; 4-H Clubs,  
 containers; kinds of  
 containers; and under  
 names of commodities.
- Continental Can Co...24211**  
**Contour farming.....203,  
 1896,1951,1962,  
 1966,1971,1976,  
 1989,1995,6888,  
 6903,9638,11373,  
 16493,16501,20391,  
 20413,21895,21906,  
 21918,26092,26043,  
 27064,27072,27075**  
 costs and returns..4962,  
 11359  
 effects.....20222  
 equipment.....3665  
 Contracted heel.....11989  
**Convegno Nazionale dei  
 Dottori in Scienze  
 Agrarie, 1st, Rome, 1945.  
 26101**
- Convolvulaceae..6202,20677**  
**Convolvulus arvensis. See  
 Bindweed.**  
**Convulsions**  
 in cattle.....7293  
**Cook, John.....21457**  
**Cookery.....593,601,9834,  
 9978,15041-2,15051-4,  
 15237,15240,19751,  
 20568**  
 effect on nutritive  
 value.....3929,9979  
 Italian.....26059  
 large-quantity....9470,  
 9979,25101,25658-9  
 meal planning.....5331,  
 5333,9539,9647,  
 14549,14948,15239  
 outdoor.....20083-4  
 recipes.....59,300,594,  
 597-8,600,14946,  
 15246  
See also Breakfast; 4-H  
 Clubs, cookery; Insti-  
 tutions, food;  
 Lunches; Nutrition  
 (human); Vitamins,  
 stability; and under  
 names of foods.
- Cookies.....339,9811**  
**Coolers.....8241,13029,  
 13115**  
**Cooper, James Fenimore....  
 4985**  
**Cooperation.....189,4901,  
 5139,9185,9191,  
 9358,9867,14256,  
 24975,28454,29329**  
**Argentina...14463,19694**  
**Brazil.....19170,19684,  
 24622,25011**  
**Canada.....5121,5127,  
 9349,9353,14448,  
 14453,29307**  
**China.....14446**  
**Colombia.....9330**



- Item**  
 Cooperation--Continued.  
 Connecticut.....7715  
 Cuba.....9357, 24994  
 Denmark.....19689  
 Eire.....24983  
 Europe.....4713, 9331, 9340  
 Germany.....14468, 19463,  
 19687  
 Great Britain.....4714,  
 9329, 14454, 18594,  
 24984, 29308  
 Guatemala.....19868, 25006  
 Iceland.....9339  
 India.....9343, 9355,  
 14462, 19205, 20496,  
 24005  
 international. 3121, 5282,  
 7733, 24996, 25015  
 Ireland.....14441  
 Japan.....14447  
 Mexico.....14042  
 neighborhood..7828, 19681  
 New Mexico.....5087  
 Peru.....5151  
 postwar.....486  
 Southern Rhodesia..29303  
 study and teaching.24965  
 Union of South Africa...  
 29108  
 Wisconsin.....14078  
See also Farms and farm-  
 ing, group; and subhead  
cooperative under  
specific subjects.  
 Cooperative Agr. Enter-  
 prises, Inc.....29305  
 Cooperative Grange League  
 Fed. Exch.....4728  
 Cooperative organizations.  
 113, 4007, 5064,  
 5123-4, 5126, 5129,  
 5137, 5140, 5148-9,  
 5153, 5156, 5732,  
 9326, 9856, 14450,  
 19122, 19676, 19688,  
 19695, 20053, 20489,  
 24988, 24990, 25418,  
 29283, 29304-5, 29309,  
 29311, 29313-15  
 activities...19677, 19686  
 administration.....5146,  
 5154, 14460, 19680,  
 29319  
 Argentina.....5114, 5118  
 Australia.....18632  
 Brazil.....25012, 29306,  
 29325-6  
 California.....24987  
 Canada.....4396, 5117,  
 5130, 5135, 5142,  
 5144, 14057  
 directories.....19670  
 Colombia.....20481  
 consumer.....15118, 26001  
 Costa Rica.....24980  
 court cases...5429, 25415  
 finance.....5525, 9328,  
 9341, 19699, 24978-9,  
 25003, 28726, 29089,  
 29316  
 France.....14445  
 Germany.....19685  
 India.....5150, 5152,  
 8409, 25005, 29318  
 Louisiana.....5133, 9677,  
 20289  
 Luxembourg.....19682  
 Middle East.....29322  
 Mississippi.....19683  
 Missouri.....9338
- Item**  
 Cooperative organiza-  
 tions--Continued.  
 Nebraska.....4410, 14719  
 New York (State)....273  
 Ohio.....24933  
 organization..9590, 29332  
 Pennsylvania.....19698,  
 25774  
 Poland.....24981  
 postwar.....5120, 5150,  
 19898, 25001  
 programs.....5136  
 Puerto Rico.....29334  
 research.....19668  
 Southern States.....9524  
 Sweden.....29316,  
 29327-8  
 taxation.....4750, 4752,  
 4754, 9081-2, 14057,  
 14059-60, 23608,  
 25414, 29099, 29101  
 U. S. S. R.....5141, 5145  
 Vermont.....14452  
 Yugoslavia.....19672  
See also names of or-  
 ganizations; and sub-  
heads cooperative and  
cooperatives under  
specific subjects.  
 Copaiba.....18991  
 Copaifera aromatica n. sp.  
 20689  
 Cophura.....8018  
 Copper  
 effect on plants...1038,  
 6934, 10604, 20996,  
 26468, 26528  
 fertilizers.....6799  
 fungicides....6058, 6136,  
 10341, 10349, 15457,  
 15465, 15494, 15510,  
 26324, 26337, 26362-3  
 in animal nutrition....  
 7634, 11652, 22189  
 in soils.....2026, 6934,  
 11164  
 Copper carbonate....10300  
 Copper oxychloride.....  
 26362-3  
 Copper sulfate.....27804  
 Copra, New Guinea....8702  
 Coprinae.....20284  
 Coprophagy  
 in rabbits...17513, 17516  
 Coprosma.....10223  
 Coptocephala.....12670  
 Coralbean.....1712  
 Corellorrhiza odontorhiza.  
 751  
 Corchorus. See Jute.  
 Corcyra cephalonica..23483  
 nutrition..23502-3, 23506  
 parasites and predators  
 of.....28059  
 Cordage.....13489, 24081,  
 28698  
 Cordgrass, smooth. See  
 Spartina alterniflora.  
 Cordyceps gunnii....10281  
 Cordylocheres octentotus  
 12600  
 Corimelaena.....3518  
 Corisella mercenaria..8044  
 Cork. See Oak, cork.  
 Corn. See 5370, 6336, 10043,  
 19870  
 anatomy and physiology..  
 6275, 10487, 20660,  
 26403
- Item**  
 Corn--Continued.  
 Argentina.....4387, 4391,  
 13767, 15832, 26577,  
 26581  
 Arkansas.....25662  
 as feed.....2490, 13690  
 for cattle.....11830,  
 22363, 27383, 27391  
 for poultry.7445, 12088  
 for swine..7664, 22870,  
 26048  
 Australia.....24142  
 Brazil.....1735, 15802  
 breeding.....1158, 6217,  
 15789, 20947, 26081,  
 26086  
 Colorado.....23910  
 costs and returns.13047,  
 24825, 25895  
 credit.....25353  
 culture.....1161, 1164,  
 1857, 10788, 15753,  
 15755, 15792, 15803,  
 21064, 25144, 25844  
 detasseling.....5695  
 diseases.....6057, 6092,  
 6147, 10371, 15490,  
 15541, 20850, 26367  
 Canada.....6051  
 Nebraska.....5627, 20303  
 resistance.....25712  
 South Carolina...6122  
 equipment.....18275  
 Ethiopia.....10716  
 fertilizers...1817, 1845,  
 1854, 1857, 1881,  
 5510, 5513, 5518,  
 11240-1, 11268, 16337,  
 16382, 16388, 16402,  
 21771, 21813, 21933,  
 25844, 27112  
 futures.....25363-4  
 Germany.....15783, 21088  
 grazing.....3051  
 grits.....300  
 harvesting.....37, 1141,  
 8227  
 equipment.....23663  
 heredity.....967, 6276  
 history.....4420, 15804,  
 20626, 20633, 20947,  
 21105  
 Hungary.....13682  
 hybrids.....1148, 1150-1,  
 1167-8, 1171-2, 5654,  
 6051, 9778, 10709,  
 10715, 15795, 19954,  
 21067, 21090, 25712,  
 25715, 25786, 26454,  
 26566, 26583  
 injuries.....20301  
 irrigation.....1151, 14962  
 Italian East Africa....  
 13677  
 Italy.....10725  
 labor.....24825  
 marketing...8802, 14752,  
 19882, 24146  
 meal.....300, 5241  
 fortification...29419  
 Mexico.....14027  
 North Carolina.....26588  
 Northwestern States....  
 15795  
 nutritive value....2247,  
 25144  
 oil.....9651  
 pests...3599, 3611, 9684,  
 12442, 17710, 18115,  
 18141, 18150, 25679,  
 28196-7
- Item**  
 Corn--Continued.  
 pests--continued.  
 resistance.....9543  
 planting.....1155, 1854,  
 26592  
 equipment.....23633  
 plastics.....18801  
 preservation.....13638  
 prices.....4387, 14865,  
 24625  
 processing.....24206  
 products.....13683  
 research.....241  
 seed.....10699, 10706,  
 10724, 21058, 25722,  
 26504  
 sirup and sugar....8981,  
 29029  
 situation and outlook...  
 13690  
 soft, as feed.....27271,  
 27282  
 South Carolina.....24287  
 Southwestern States....  
 20633  
 Spain.....15804, 21137  
 stalks.....8229, 8790  
 statistics...20518, 23910  
 storage.....4414, 13693,  
 13695, 25242, 28400  
 diseases and pests....  
 22917, 27877, 27912,  
 28055  
 substitutes.....2274  
 U. S. S. R.....6327  
 utilization.13683, 18874,  
 20518, 25969  
 varieties.....242, 1163,  
 1172, 1854, 1857, 5555,  
 10678, 10692, 10698,  
 10708, 10723, 10726,  
 25662  
 Venezuela.....26076  
 yields...4421, 6324, 6332,  
 9778, 10696, 24283,  
 24287, 26580  
See also Amioca; and  
under 4-H Clubs, In-  
 surance, and Silage.  
 Corn, sweet.....6631, 14736  
 biochemistry.....14976  
 breeding.....16225  
 culture.....1932, 6620,  
 6652, 9824, 10672,  
 16209, 21562, 26842  
 fertilizers...1861, 6825  
 France.....21563  
 hybrid.....16210  
 pests.....65, 9573, 12842  
 storage.....14976, 18838  
 varieties....14976, 16211  
 Corn earworm. See  
 Heliothis armigera.  
 Corn flea beetle. See  
 Chaetocnema pulicaria.  
 Corn leaf aphid. See  
 Aphis maidis.  
 Corn-meal agar.....26122  
 Corncrib ventilators.20407  
 Corncribs..8322, 9919, 23758  
 Cornell Univ.....27358  
 Cornell Plantations....  
 10078  
 Dept. of Plant Path.....  
 15463  
 Cornicularia.....28001  
 Cornopteris.....20722  
 Coronitis.....2635  
 Cornus canadensis....5930  
 Corpora allata.....23526



- | <u>Item</u>  | <u>Item</u>  | <u>Item</u>  | <u>Item</u>   |
|--|--|--|---|
| Corporation Nationale Paysanne (France)...11468  | Cotton--Continued.   | Cotton--Continued.   | Cotton--Continued.  |
| Corporative organization of agriculture  | Belgian Congo.....9947, 13508, 18667, 21115, 26602   | harvesting...1173-4, 8262, 9929, 10736, 13033, 15023, 18286, 20298, 20336, 23643, 25623, 28677   | research.....8638, 9947, 14987, 18695, 18705, 18714, 18724, 24071, 24076, 26605   |
| Belgium.....14137  | Brazil....13237, 13467-8, 13536-7, 13539, 18659, 18682, 18732, 28429   | equipment.....8262, 13033, 15023, 18286, 20298, 20336  | roving....24078, 24086-8, 28676   |
| France...9154, 9336, 14112, 14136, 14138, 24992  | breeding.....21117, 26450  | heredity.....968, 20954, 20956-7   | seed  |
| Italy.....510, 20611   | building material...20055  | history.....5952   | testing.....24445   |
| Portugal.....23814   | byproducts.....4210  | hybrids.....20920, 20955   | treatment..6055, 12850, 22923   |
| Corrodentia.....12892, 22976   | carding and combing....4187, 4193, 8634, 26011   | India.....8651, 9928, 10737, 18706, 18733, 20974-5, 21109, 21119, 24119, 28670, 28708  | situation and outlook...4155, 4173, 4178, 4183, 4186, 4189-90, 4200, 4218, 4244, 4248, 8620, 8654, 8674, 8676, 9114, 9600, 15202, 18662-3, 18677, 18724, 18751, 19948, 20200, 24085, 24096, 24127, 25302, 25623, 28688, 28718 |
| Argentina.....23561  | care and handling.....20347, 28677   | France.....9947  | silver.....24087-8  |
| <u>See also</u> names of families and genera.  | China....21112-13, 24095, 26605, 28722   | Great Britain...24077, 28672, 28686  | soils.....11150   |
| Corrosion.....18817  | classification.....9929  | India.....4198, 4225   | South Carolina....18679   |
| Corticacarides n. g..?23117  | Colombia.....13482   | Italian Africa...18692   | Southern States...8703, 18705, 24075  |
| Corticacarus.....23117   | conferences and congresses.....9600, 9947, 18724, 24060  | Massachusetts...26024  | Spain.....28694   |
| Corticium solani.....6102  | consumption.....13468, 18672, 24661, 28670   | postwar.....4212   | spinning.....4153, 4159, 4188, 4220, 14866, 23648, 28666  |
| Coryanthus macrantha.10876   | cooperatives...4228, 24127   | irrigation...14962, 18721, 27033   | tests.....5455, 18702   |
| Corydalis.....3636   | costs and returns...4951, 9929, 24825, 24839   | Italian Colonies...9929, 18735   | spraying and dusting....7718  |
| Corylus. <u>See</u> Filberts.  | credit...58, 14867, 14871, 19933, 25355  | Italian East Africa....13529, 13531  | staple length...162, 4197, 4231, 20347  |
| Corynebacterium.....7277   | culture...1175, 1182, 1879, 1894, 9929, 10738, 15806   | Italy...9929, 10730, 13517   | statistics...15185, 18719, 19948, 25365, 28670, 28675   |
| Corynebacterium flaccum-faciens.....26369  | defoliation...5556, 21111, 21123, 26607  | labor.....19261, 24825   | stem utilization...13538  |
| Corynebacterium pyogenes..16849, 17041   | diseases.1057, 9929, 10366   | legislation.....214  | subsidies....4176, 19411  |
| Corynebacterium rathayi on orchardgrass....20868   | control.....26303  | linters.....8636, 8644, 8652, 13506, 18711, 18747, 25588, 28690  | substitutes....8616, 9947   |
| Coryza   | Egypt.....13480  | market reports....25568  | surpluses.....15178   |
| in poultry..12119, 17328, 27641  | equipment.....3685, 5511, 8247, 8258, 8260, 12984, 13012, 14881, 15023, 18262, 23591, 23648, 28259, 28266, 28269 | marketing....4249, 8638, 18713, 18726, 18733, 23604, 28708   | Texas.....18695, 29093  |
| therapy.....17352  | Ethiopia.....13515   | Mexico.....20530   | textiles.....4169, 4175, 4224, 8248, 8677, 13522, 18666, 25582, 26016, 28666, 28668   |
| Cosmetics.....17744  | exchanges.....18712  | Mississippi.....14987, 25745-6   | deterioration...19887   |
| Cosmopolites sordidus....3396, 3437  | fertilizers...1829, 5340, 5508-9, 5512, 5514, 6802, 6821, 9718, 9724, 9738, 21784, 21786, 25746, 26984           | Mississippi Delta..20135   | trade...119, 9576, 14835-6, 15178, 15208, 18716, 28670  |
| Cossus cossus.....18135  | fiber....4202, 4250, 8653, 8656, 8677, 9929, 13511, 18699, 18719, 18735, 18745, 20157, 20921, 24088              | New Mexico....5534, 25754  | transportation....20225   |
| Cost and standard of living.....115, 5776, 24571, 28488  | tests.....15173  | North Africa.....9947-8  | Uganda.....24901  |
| Argentina.....14208  | forecasting.....24119  | Peru.....13477, 18677, 18737, 28675  | U. S. S. R....6342, 14142   |
| Brazil.....19109   | French Colonies...9947, 13175  | pests.....70, 7731, 7735, 7757, 8097, 9658, 9929, 12406, 12616, 12824, 17693, 17743, 17950, 18114, 18136, 23166, 23371, 23411, 25375, 28137, 28173 | utilization...4210, 9947, 20145   |
| Canada.....15170   | French Equatorial Africa 9947  | prices..4182, 8618, 18660, 24107, 25513, 25515, 25582, 28670   | varieties....1183, 5534, 6343, 8608, 8630, 19972, 20297, 25683, 25754   |
| Colombia.....24762   | French West Africa.....9946-7  | processing.....18670   | Venezuela.....26031   |
| Denmark.....19185  | futures.....9928, 18668, 18700, 18707, 18716, 18720, 18723, 18729, 24108, 25360-2                                | programs.....58, 4158, 8630, 20036, 25408  | yarn.....24078, 24081, 24114, 28676   |
| El Salvador.....3969   | ginning.....4228, 8607, 9587, 13006, 19884, 23643  | propagation.....10559  | yields.....23166  |
| family.....9171  | equipment.....9587   | properties.....13522   | <u>See also</u> Gossypium.  |
| Great Britain.....24763  | grading and standardization.....162, 4197, 8678, 20130   | purchase and sale programs.....5485, 14943, 19981, 25357   | Cotton Futures Act...18723  |
| Honduras.....4892  | Great Britain.....8651   | quality..161, 4197, 13502, 18681, 20255, 20347, 23604, 24094, 25514, 25583, 25754  | Cotton-gin presses...19884  |
| Hungary.....3962   | Guadeloupe.....10732   | regulation and inspection.....5412   | Cotton gins.....18278   |
| India.....9043, 9172   | Guatemala.....21121  |  | Cotton Insulation Program. 167  |
| Italian Colonies...19413   |  |  | Cotton leaf spot. <u>See</u> Leaf spot.   |
| Middle East.....14209  |  |  | Cotton leafworm. <u>See</u> Alabama argillacea.   |
| Puerto Rico.....15136  |  |  | Cotton pickers.....8254   |
| statistics.....19190   |  |  |   |
| <u>See also</u> Prices; Social conditions.   |  |  |   |
| Cosymbia pendularia...23493  |  |  |   |
| Cotoneaster horizontalis..27933  |  |  |   |
| Cotton.....117, 401, 4213, 9929, 9946-7, 9995, 13689, 14858, 18687, 18710, 26016, 28666                        |  |  |   |
| Alabama.....19944  |  |  |   |
| analysis and composition 24091   |  |  |   |
| anatomy and physiology..997, 1002, 1022, 1176, 5952, 6291, 6774, 10533, 15656, 20919-21, 20974-5, 26418, 26537 |  |  |   |
| Anglo-Egyptian Sudan...18719, 18721  |  |  |   |
| Argentina.....4206, 8650, 13491, 13495, 13524-6, 24074, 28696  |  |  |   |
| Arkansas.....28954   |  |  |   |
| Australia.....21118  |  |  |   |



- Item**  
 Cotton Res. Cong., 6th,  
 Dallas, 1945.....18724  
 Cotton, sea-island....5952  
 Cotton, upland....1057,5455  
 Cotton aphid. See *Aphis*  
*gossypii*.  
 Cotton bale compressors...  
 18224  
 Cotton boll weevil. See  
*Anthonomus grandis*.  
 Cottonseed....18684,19068  
 analysis and composition  
 20131  
 as feed.....9532  
 for buffaloes....13418  
 for cattle.....7226,  
 13418  
 flour.....24419  
 grading and standardi-  
 zation....13861,20131  
 hulls.....19063  
 industry.....4548,4557,  
 19067  
 directories.....19043  
 marketing.....8902  
 meal.....7117,13879,  
 19036,19061  
 as feed  
 for cattle....11843  
 as fertilizer....9718  
 nutritive value....14503,  
 14589-90  
 oil.....9947,28951  
 analysis and composi-  
 tion.....13872,28950  
 extraction....18256  
 futures....25360,25362  
 regulation and inspec-  
 tion.....9651  
 situation and outlook.  
 4547  
 paste.....2032  
 pests.....17720  
 prices.....13875  
 processed.....28954  
 processing....8899,24402  
 purchase and sale pro-  
 grams.....5400  
 research.....4556  
 statistics.....25516-17  
 trade.....9576  
 treatment....9575,17720  
 utilization...4557,24425  
 Cottony cushion scale.  
See *Icerya purchasi*.  
 Cotugnia bhaleraoi....17336  
 Cotyledon.....22264  
 Coumarin.....1048,10584,  
 15728,20951  
See also 3,3'-Methyl-  
 enebis (4-hydroxy-  
 coumarin).  
 Council of Canad. Beef  
 Producers.....8852  
 Council of Food Prod.  
 Orgn.....14456  
 Council of Forty-nine  
 (Vt.).....5108  
 Councils, agricultural.  
See Committees, agricul-  
 tural.  
 Counties  
 Alabama  
 Baldwin.....6130  
 Arkansas  
 Clay.....4905  
 Poinsett.....23787  
 California.....9866  
 Butte.....5962  
 Los Angeles.....29445
- Item**  
 Counties--Continued.  
 California--continued.  
 Marin.....5947  
 Modoc.....5892  
 San Diego.....19337  
 Siskiyou.....5892  
 Tulare.....6685,10777,  
 11068  
 Colorado  
 Weld.....19573  
 Florida  
 Palm Beach.....14102  
 Pasco.....10831  
 Georgia  
 Catoosa.....24793  
 Putnam.....6906  
 Idaho  
 Bannock.....94  
 Benewah.....9667  
 Latah.....9667  
 Lewis.....9667  
 Nez Perce.....9667  
 Illinois.....25854  
 Alexander.....25688  
 Champaign.....14971  
 Franklin.....25830  
 Kane.....5000  
 Kendall.....25710  
 Lake.....2489  
 McHenry.....14973  
 Macoupin.....25832  
 Piatt.....14971,21975  
 Tulaski.....25688  
 Union.....25688  
 Indiana  
 Allen.....19693  
 Jasper.....13791  
 La Porte.....14893  
 Shelby.....941  
 Iowa.....15119  
 Kansas  
 Brown.....25633  
 Ellis.....24907  
 Ellsworth.....19608  
 Kentucky  
 Calloway.....20167  
 Louisiana (Parishes)  
 Vermilion.....19354  
 Maine  
 Penobscot.....711  
 Piscataquis.....711  
 Michigan  
 Oakland.....10146  
 Minnesota  
 Carlton.....19946  
 Martin.....24618  
 Pine.....10823  
 Polk.....1338  
 Washington.....5475  
 Mississippi  
 Jefferson Davis.....19213  
 Marion.....19213  
 Neshoba.....4228  
 Newton.....24951  
 Tunica.....4719  
 Missouri  
 Andrew.....29320  
 Cooper.....13236,14200  
 Linn.....20176  
 Maries.....14235  
 Pettis.....9867  
 Montana  
 Cascade.....8438  
 Nebraska  
 Cass.....18326  
 Johnson.....20420  
 Nevada  
 Clark.....5929  
 New Hampshire  
 Hillsboro.....105
- Item**  
 Counties--Continued.  
 New Jersey  
 Burlington.....7188  
 Ocean.....15339  
 New Mexico  
 McKinley.....1189,1239  
 New York  
 Albany.....15001  
 Allegany.....15001  
 Delaware.....14999  
 Jefferson.....15001  
 Ontario.....19491  
 Rensselaer.....19627  
 North Carolina.....25082  
 Buncombe.....24799  
 Cleveland.....24924  
 North Dakota  
 Pembina.....6408  
 Sargent.....14366  
 Ward.....9585  
 Ohio.....47  
 Clinton.....29305  
 Oregon  
 Coos.....14241  
 Linn.....133  
 Washington.....5666  
 Pennsylvania  
 Allegheny.....25770  
 Tennessee  
 Cumberland.....15020  
 Dyer.....4856  
 Gibson.....4329  
 Haywood.....15020  
 Humphreys.....15020  
 Jefferson.....15020  
 Knox.....20341-3  
 Putnam.....14181  
 Rutherford.....15020  
 Shelby.....9195,19435  
 Wayne.....11454  
 Texas  
 Cass.....19956  
 Hemphill.....197  
 Hutchinson.....197  
 Jack.....2536  
 Jefferson.....28833  
 McCulloch.....2666  
 Palo Pinto.....2663,18171  
 Roberts.....197  
 Swisher.....7218  
 Utah  
 East Juab.....19568  
 Utah.....309  
 Virginia  
 Accomack.....5108  
 Fairfax.....5109  
 Henry.....4999  
 Louisa.....14438  
 Patrick.....15986  
 Princess Anne.....14891  
 Russell.....20173  
 Washington.....25485,29270  
 Washington  
 Pierce.....17389  
 Yakima.....5704  
 Wisconsin  
 Dodge.....13545  
 Wood.....478  
 Country Club Dairy,  
 (Kansas City, Mo.)...13343  
 County agents. See under  
 Extension work.  
 County agricultural com-  
 missioners (Calif.)...19640  
 Courbaril.....16599  
 Coursiana n. g.....10208  
 Court-nové, of grape.....  
 834,15418,20758-9,  
 26304
- Item**  
 Cover crops.....1844,1872,  
 1886,1999,6827,  
 6848,11238,16379,  
 16389,21159,21792,  
 25796,26961  
 effect on soils....11281,  
 11408,21815  
 orchard.....5664,11255,  
 16332,21751  
 seasonal.....21754,21809  
See also Catch crops.  
 Cow pox.....2509,11883  
 Gowan, Alexander.....29463  
 Cowpeas.....1207,10742,  
 15753,20348  
 diseases.....6118,6149  
 India.....21157  
See also Vigna.  
 Cows. See Cattle.  
 Coyotes....2349,7182,7652,  
 16866,27329  
 Crab louse. See *Phthirus*  
*pubis*.  
 Crabapples.....6442  
See also *Malus arnoldi-*  
*ana*.  
 Crabro.....18095  
 Crackers.....3910  
 Crafts. See 4-H Clubs,  
 crafts; Handicrafts; and  
 names of crafts.  
 Crambe maritima. See  
*Colewort*.  
 Crambus.....12837  
 Cranberries.....809  
 anatomy and physiology..  
 15576  
 fertilizers.....26954  
 industry.....4275,13560,  
 24158  
 irrigation.....6879  
 situation and outlook...  
 24173  
 Craneflies. See *Tipuloi-*  
*dea*; *Tipulidae*.  
 Crassicornus pulchrus  
 n. g., n. sp.....28131  
 Crassulaceae.....26193  
 Crataegus egglestoni...15350  
 Crates.....16671  
 Cream.....5392  
 analysis and composition  
 4058,13358,13378,  
 20241,28599-600,28607  
 bacteria.....8529,28610  
 care and handling....4125,  
 8588,18622,28641  
 consumption.....38  
 containers.....13413  
 cooling.....4136,18620  
 fat....8515,18629,28599  
 frozen.....18620  
 grading and standardi-  
 zation.....28625,28628  
 market reports.....25600  
 marketing.....25770  
 prices.....28625  
 quality.....4125,13358,  
 18609,18622,28624  
 regulation and inspec-  
 tion.....213,9645,9651,  
 14958  
 sour.....4114,28607  
 Tasmania.....4138  
 temperature.....13368  
 Cream cabinets.....266  
 Cream separators....23670  
 Creameries. See Milk  
 plants.



- Item**  
 Credit.....4724, 4732-3, 5732, 9057, 9114, 19219, 19231-2, 19925-6, 24625, 24628, 25615, 29087, 29091 associations.....9065  
 Australia....4716, 18646, 19215  
 Bolivia.....14046, 19216  
 Brazil.....13539, 14036, 19109, 19218, 19229, 24622  
 Canada.....4726, 4730  
 China.....29053, 29501  
 Colombia....14039, 19224, 23922, 24629  
 commodity loans.....58, 19953, 25353, 25355-6, 25359  
 cooperative.....4728-9, 4734, 29085, 29278  
 France.....14038  
 Great Britain.....14035  
 India.....20496, 24634  
 Indians.....9061-2  
 Italy.....510, 9058, 14019, 19230  
 legislation...4726, 20503  
 long-term  
   India.....19228  
 Mexico.....9059-60, 14027, 14037, 14042, 14045, 19197, 20530, 24602, 29088  
 Morocco.....24627  
 mortgage.....9064, 9558, 9592, 14043, 14760, 18490, 19221, 19955, 20057, 24631, 24635, 25420, 29092  
   Australia.....14034  
   Portugal.....23906  
 Palestine.....14044  
 Peru.....14022  
 Portugal.....23906  
 postwar.....4727  
 production...19923, 20052  
 programs.....29084  
 short-term.....19227  
 situation and outlook...4735, 24630, 24636  
 statistics...14047, 23906  
 study and teaching...14032  
 Venezuela....19217, 25985  
 Uruguay.....4736  
See also Banks and banking; Government, aid to agriculture; Indebtedness; and under names of commodities, industries, and Government agencies.  
 Creeper fowls.....7478  
 Cremastocheilini  
   North America.....23196  
 Crematogaster.....28161  
 Cremnocyptus n. g....3531  
 Creolin.....804, 7382, 20751  
 Crickets.....14789, 14959, 23519  
   habits and behavior...3614  
See also names of families and genera.  
 Crinkle  
   of strawberry.....15545  
 Crinum defixum.....16845  
 Crioceris asparagi...20326, 23151  
 Crocidolomia binotalis....7726
- Item**  
 Crocus..10630, 16134, 21404, 21414  
 Crocus, saffron.....6718, 11083, 21666  
 Cronartium ribicola. See Blister rust, of Sierra  
 Blister rust, of Sierra  
   current; Blister rust, of Sierra Gooseberry.  
 Crop Insurance Act...14051  
 Crops  
   forecasting.....29498  
   residues.....6944, 16379, 25829, 25839  
   reporting....19952, 23905  
   varieties....1136, 25767  
See also Agricultural products; Agriculture; Catch crops; Cover crops; Field crops; Forage plants; Government, aid to agriculture; Insurance, crop; Root crops; Rotation of crops; Statistics; names of products and industries; and specific subjects.  
 Crossotini.....7948  
 Crotalaria.....1170, 6019, 6833, 9720  
 Crotalaria, canary bird...1497  
 Crotalaria, sunn....22570, 24079  
 Crowfoot grass.....11062  
 Crowley (La.) Rice Expt. Sta.....1156  
 Crowley silt loam....14962  
 Crown gall  
   control.....10384-5  
   of Lochnera rosea...6152  
 Crown rust, of oats...891, 6087  
 Crows, as pests.....25174  
 Cruciferae.....1084, 6197  
   oil.....8893  
See also names of Cruciferae.  
 Cryolite  
   insecticides.....22918  
 Cryosiphia.....26207  
 Crypticus alluaudi n. sp..12665  
 Cryptocercus punctulatus..8135  
 Cryptococcus farcy. See Lymphangitis, mycotic.  
 Cryptogams.....624, 26178  
 Cryptolabis.....23221  
 Cryptanura.....3531  
 Cryptophagidae.....17921  
See also names of genera.  
 Cryptophagus.....17921  
 Cryptops hortensis....27991  
 Cryptorchidism  
   in horses.....12021  
 Cryptostegia.....6305, 8952, 15723, 19116, 24485  
 Cryptoterms  
   parasites and predators of.....23555  
 Cryptoterms brevis...11567, 28243  
 Cryptoxanthin.....25096  
 Crystal violet...3070, 17164  
 Ctenoplus.....28035  
 Ctenopteris matthewiani n. sp.....10255
- Item**  
 Cuba. Ministerio de Comercio.  
   Dirección de la Inspección General.....23847  
   Negociado de Control de Precios y Represión del Clandestinaje.....23847  
 Cube. See Lonchocarpus.  
 Cubitermes.....28233  
 Cuboni's Test.....17180  
 Cucullia.....12819  
 Cucumbers.....11110, 28803  
   culture.....1603-4, 6666-7, 7779, 11044  
   diseases.....6162, 15510, 15526, 26384  
   harvesting equipment.....23652  
   history.....26843  
   preservation.....5503  
 Cucurbita.....26210  
 Cucurbita maxima. See Squash, winter.  
 Cucurbita pepo. See Squash.  
 Cucurbitaceae  
   Madagascar.....26202  
 Cucurbits.....5279, 6719  
   anatomy and physiology..15686  
   biochemistry.....15704  
   diseases.....10380, 20863  
 Culex.....23349  
 Culex (Melanoconion)...28100  
 Culex elevator.....28100  
 Culex fatigans.....23343  
 Culex fuscans.....18033  
 Culex modestus.....8039, 23327, 28115  
 Culex pipiens...12744, 12746  
   parasites and predators of.....23313  
 Culex tarsalis...18031, 23318  
 Culicidae  
   Bolivia.....18018  
   District of Columbia...12738  
   Ethiopian Region...23349  
   larvae.....12746  
   Michigan.....12743  
   Mississippi.....23339  
   Portugal.....23315  
   Southern States...23319  
See also Mosquitoes; and names of genera.  
 Culicini.....23324  
 Culicoides.....18003  
 Culiseta annulata  
   parasites and predators of.....23313  
 Culiseta longiareolata...12746  
 Cultivators...8218, 23627-8, 28285  
   flame.....28043  
 Culture.....20476  
 Culture media. See kinds of culture media and under specific subjects.  
 Cumbu. See Pearl millet.  
 Cupila.....17955  
 Cupila (Cutrimia)....17955  
 Cupressocyparis leylandii..22052  
 Cupressus. See Cypress.  
 Curculio rectus.....28046  
 Curculionidae.....3418  
   Cameroon.....12660  
See also Weevils; and names of genera.
- Item**  
 Curcuma amada.....21674  
 Curdiea.....15392  
 Curing. See subheads curing and preservation under names of products.  
 Curly top  
   of flax.....15432, 15555  
   of sugar beet.....25264  
 Currant borer. See Conopia tipuliformis.  
 Currant bud mite. See Eriophyes ribis.  
 Currants.....5839, 10035, 14793  
   culture.....5612, 25970  
   pests.....17868  
   propagation.....26718  
   varieties.....15893  
 Currants, black.....1395, 9431, 15984, 17868, 21331  
 Currants, Sierra.....6105  
 Curvularia.....10352  
 Cuscuta. See Dodder.  
 Cushing General Hospital, Framingham, Mass....16149  
 Cushioning materials...20096  
 Cuticle  
   insect.....7693, 12762, 27848, 27863, 28042  
 Cutworms.....8115, 20367, 23485  
See also Phalaenidae; and names of genera.  
 Cyanamid.....10780  
 Cyanide.....6268, 12445, 16809  
 Cyanogas. See Hydrocyanic acid.  
 Cyatheaceae...6194, 10254, 10258  
 Cybister.....12630  
 Cycadaceae.....10123  
 Cyclamen.....21514  
   pests.....28041  
 Cycloconium, on olive....20839  
 Cycloconium oleaginum  
   on olive.....20811  
 Cyclopoliarus.....28138  
 Cyclosorus angustipinnatis n. sp.....10255  
 Cyclotella meneghiniana...6196  
 Cydia pomonella. See Carpocapsa pomonella.  
 Cyliodroma distinctissima.....3444  
 Cyllibano sternalis n. sp..17879  
 Cylloepus.....7937  
 Cymatodera ovipennis...17948  
 Cymbidium.....10892  
 Cynara scolymus. See Artichokes.  
 Cynipidae.....8083  
   Great Britain.....3540  
See also names of genera.  
 Cynodon dactylon. See Bermuda grass.  
 Cynodon transvaalensis. See Dogtooth grass, Transvaal.  
 Cynoglossum pictum...10483  
 Cynorhina.....7993  
 Cynorta.....12571  
 Cypa.....12818  
 Cyperaceae.....621



- Item**  
*Cyperus plukenetii* n. sp. 719  
*Cyperus rotundus*. See Flat-sedge, nutgrass.  
*Cyphoderinus* n. g. 12896  
*Cyphoderus*.....12896  
*Cyphon*.....12671  
*Cypress*.....1110  
*Cypripedium*.....1522  
*Cypripedium calceolus*.....10939  
*Cypripedium parviflorum*...26473  
*Cyrtandra* n. g. 18142  
*Cyrtoglottis peruviana*....26229  
*Cyrtopeltis varians*.....28150  
*Cyrtorhinus*.....7726  
*Cysteochoila vitilevuana*...18055  
*Cysticercus bovis*.....27410  
*Cysticercus cellulosae*....11737  
*Cysticercus inermis*.....11737  
*Cystitis*  
in dogs.....17136  
*Cystopteris fragilis*.....10260  
*Cystopteris fragilis*  
var. *laurentiana*.....26252  
Cysts, ovarian  
in dogs.....7340  
in horses.....22564  
*Cytisus*.....16083, 26784  
*Cytisus kewensis*.....16058  
*Cytisus scoparius*.....26195  
See also Broom, Scotch.  
Cytology  
insect.....18146  
plant.....960, 6279, 10112, 10443, 10475, 10499, 10529, 10562, 26416  
See also Genetics; and subhead anatomy and physiology under names of animals, insects, and plants.  
*Cytophaga*.....11173  
*Cytospora oleae*.....26299  
*Cyttaria darwini*.....26283  
DD mixture.....21925  
DDT.....164, 3112, 3114, 3122, 3126, 3133, 3143, 3163, 3171, 3179, 3182, 3247, 7149, 7720, 7727, 7732, 7758, 9658, 12399, 12402, 12447, 15006, 17699, 17711, 17716, 17733, 17742, 22901, 22924, 22929, 22933-4, 22950, 22961, 22967, 22981, 22991, 25945, 27878, 27880, 27890, 27913-4, 27928  
analysis and composition 3120, 3176, 17695, 17730, 22951, 22956, 22988  
application.....18244  
bibliographies.....78  
chemistry.....3134, 3138, 3169, 22927  
determination.....12391  
effect on plants.....6286  
equipment.....20251, 22992  
for diseases of plants.. 10291
- Item**  
DDT--Continued.  
for mosquito control.... 18012, 18026, 18035, 18043, 23316, 23331, 27882, 28102, 28107-8, 28110-11, 28114, 28119, 28122-3, 28126  
for pests...12431, 23534, 27879  
of forests...5407, 7756, 18097, 18137, 20002, 20007, 23469, 28192  
of man and animals.... 3170, 3366, 7453, 3461, 3616, 3629, 3643, 7753, 7981, 8023, 9658, 12407, 12415, 12419, 12423, 12456, 12703-4, 12708, 12733, 12735-6, 12740-1, 12751, 12771, 12908-9, 15007, 17990, 19973, 20251, 22920, 22930, 22985, 23106, 23124, 23233, 23245, 23278-9, 23304, 23557, 23565, 23570, 25764, 27892, 27894, 27896, 27898, 27900, 27919, 27923, 27932, 28062, 28064, 28066, 28071, 28087-8, 28094-5, 28234, 28241, 28245, 28247  
of orchards.....3581, 9658, 27868  
of plants. 3158-9, 3172, 3180, 7974, 9573, 12406, 12412, 12414, 12442, 12448, 12450, 12624, 12645, 12707, 12755, 12758, 12770, 12783, 12793, 12799, 12825, 12827, 12831, 12863, 17704, 17706, 18141, 20251, 20304, 22931, 22940, 22958, 22990, 23004, 23118, 23178, 23361, 23365, 23383, 23404, 23452, 23479, 27870, 27897, 27901, 27909-10, 27962, 28052, 28137, 28140  
of stored products.... 22935, 22973  
formulas.....9658  
history.....23007, 27905  
industry  
directories.....25372  
labeling....20180, 22982, 27866  
limitations.....22978  
manufacture.....22988  
physical properties.... 22947  
repellent....27889, 28243  
residual effects..12710, 12715, 28122  
situation and outlook... 3145, 12452, 20003  
tests....49, 65, 67, 69-70, 5408, 5414, 8126, 12392, 12732, 12734, 14788, 14792, 17695, 17747, 20002, 22943, 22998, 25373, 27925  
toxicity.....3119, 3165, 3177, 3184, 7708, 12400, 12404, 12410, (See next column)
- Item**  
DDT--Continued.  
toxicity--continued.  
12426, 12437, 12451, 12457, 17140, 17806, 22939, 22965, 22988, 27871, 27906, 27915, 27927, 28106  
to bees...23021, 23038, 23060  
DN dusts.....25868  
DN-75.....20875  
See also Dinitro-c-cyclohexylphenol.  
DNC. See Dinitro-c-cresol.  
*Daboecia cantabrica*..10188  
*Dacnusa*.....23439  
*Dacnusa*.....23439  
Europe.....18087  
*Dacryomycetaceae*....26287  
*Dactylobasis*.....17970  
*Dacus cucurbitae*....23267  
*Dacus oleae*...12714, 17974, 23272, 23296, 28093  
parasites and predators of.....17997  
*Dacus passiflorae*....7726  
*Dacus tryoni*.....12439  
*Daffodil*. See *Narcissus*.  
*Dahlia*....1428, 6599, 10988, 16012, 16131  
culture.....10893, 16020, 21463  
diseases.....6086, 15455  
varieties....1572, 21388, 26735  
Dairy barns....3812, 8306, 13089, 23744, 23746  
costs.....28373  
designs and specifications.....3806, 9687, 9749, 23721  
diary sanitation...28087  
Dairy herd improvement  
associations..2534, 11937, 17093, 17095, 19895, 19899, 22454, 25368, 25888  
Dairy industry....60, 3994, 4022, 5484, 6810, 9073, 15199, 15308, 18536, 18564-5, 26019, 28567  
accounting....4941, 14268  
Alabama.....23977  
Argentina....4021, 18556, 18561, 22466, 23959, 28582, 28587, 28594  
associations.....13349, 28580  
Australia....8479, 13403, 18570, 18574, 19404, 23979, 28638  
Brazil..4104, 7312, 13351, 18567  
California..13345, 24044, 28591  
Canada....4018-19, 4891, 7320, 13352  
Chile.....18543  
cooperatives.....4073, 13396, 15196, 18598  
Costa Rica.....7228  
costs and returns..4947, 14865, 19479, 24831  
directories.....5403  
equipment. 444, 3734, 3745, 3748, 3762-4, 3769-70, 5466, 8238, 12996, 13023, 13082, 13115, 18381, 23599, 23660, 23669
- Item**  
Dairy industry--Continued.  
equipment--continued.  
maintenance and repair 8233  
sanitation..8234, 8240, 13018, 13032, 18544, 18591, 23672  
farms....2405, 2537, 2567, 4907, 4912, 4929, 5009, 7203, 7292, 11814, 11933, 14973, 16891, 16893, 16913, 16924, 17092, 19473, 22325, 22449, 23977, 24809, 27382, 27451, 27458, 27470  
diversified..401, 1133, 2568, 3082, 15004, 17069, 22481  
large-scale.....4007  
management. 24808, 24813  
Fiji.....8502  
Florida.....28590  
France.....13338, 13760  
Germany.....20620  
Great Britain....2548, 3997, 14151, 17069, 18605, 18633, 18958, 24657, 28578  
Hawaii.....18539  
history.....4006, 28580  
India.....14246  
Indiana.....18555  
Italy.....8476, 8501  
Jamaica.....25177  
labor.....4797, 14984, 24657  
Maine.....23960  
management....9180, 9187, 12920, 13138, 13145, 13344, 17086, 19457, 24663, 24784, 24801  
Minnesota....4082, 18557, 23956  
Missouri.....13343  
Netherlands.....18542  
New England.....23964  
New York (State)..15004, 23952, 24046  
New Zealand....4004, 9180, 14268, 23967, 23973  
Newfoundland....23958  
North Carolina....13342  
Northern Ireland..11950  
pests.....3170, 7753, 9658, 22985, 23245, 27894, 28088  
Portugal.....28576  
postwar....3769-70, 4009, 4031, 4036, 8486, 8498, 13347, 18604, 28570-1  
programs....326, 3999, 4015, 4035, 5456-7, 5640, 7318, 8482, 13353, 14879, 15031, 23978, 25271, 28569  
Puerto Rico.....13337  
refrigeration....3711-12  
regulation and inspection.....4102, 18958, 24002, 24016, 28630  
research.....7302, 14989, 18623  
sanitation....2476, 2551, 2555, 3712, 5524, 8230, 8560, 8571, 11925, 12994, 13422, 13428, 13436, 17070, 18270, 23268, 23676, 24022, 24039-41



- Dairy industry--Continued.**  
situation and outlook...  
3998, 4005, 4010,  
4024, 4037-8, 4135,  
5580, 8485, 8503,  
9114, 13356, 17088,  
18537, 18540, 18545,  
18549-50, 18553-4,  
18563, 18566, 28568,  
28572, 28593  
Spain.....24040  
statistics...24044, 24046  
study and teaching.....  
19592, 24017  
Canada.....29275  
subsidies.....4891, 19404  
Switzerland.....4011, 8478,  
8481, 8493, 13331  
Tasmania.....28569  
Union of South Africa...  
24002  
U. S. S. R.....4020, 9194  
Uruguay.....18598  
Venezuela.....15180  
Virginia.....13335, 23966,  
28573  
water supply.....13324  
work management....4758,  
4763, 4766, 4773,  
8499, 12926, 14089,  
19271, 19276  
See also Cattle, dairy;  
Dairy barns; 4-H Clubs,  
dairy; Milk; Milk  
plants; and names of  
dairy products.
- Dairy Indus. Supply Assoc.**  
5183
- Dairy products**  
analysis and composition  
13369, 13375, 13392,  
15190  
area of production...544  
Argentina.....4013, 9366,  
23975  
Australia...18538, 18572,  
18616, 25021  
bacteria.....9943, 18583,  
28603  
Brazil.....15167  
color.....28603  
Ethiopia.....18906  
frozen.....24045  
industry.....8489, 13436  
manufacture.....45, 9559  
market reports....25519,  
25523, 25550, 25590  
marketing.....165, 4077,  
15057, 18592, 24002  
New Zealand.....25021  
nutritive value...9419,  
9448, 9452  
prices.14865, 18566, 18618  
control.....26009  
processing...14931, 18611  
purchase and sale pro-  
grams.....25357  
quality.....13419, 13422,  
18608, 24011  
regulation and inspec-  
tion...4496, 5472, 8489,  
18957  
situation and outlook...  
4016, 4029, 8387,  
18547, 18551, 20531,  
25305  
statistics...5452, 13455,  
24045  
subsidies.....19410  
Switzerland.....13341
- Dairy products--Continued.**  
trade.....25021  
transportation.....538  
See also names of dairy  
products.  
Dairymen's League Coop.  
Assoc.....18565, 28580  
Daisy.....1466, 1560, 21350,  
21433, 21507  
varieties.....16098  
Dallas, E. D.  
publications.....5276  
Dallasimya bosqi n. g.,  
n. sp.....3446  
Dallis grass...1251, 6358,  
21145, 26644  
Damping-off....807, 6921-2,  
25808  
of conifers...6135, 10372  
of flax.....10357  
of lettuce.....25761  
of vegetables.....10373  
Dams.....640, 11333, 19926,  
21899, 25277  
construction.....20211  
Danaoidea.....18099  
See also names of fami-  
lies and genera.  
Danaus chrysippus...23505  
Danaus plexippus...23477  
Dances.....9302  
Dandelion.....15825  
Danguy, Paul.....14662  
publications.....14662  
Daphne.....1566, 10885,  
10998, 21479  
Darst, J. C.....27803  
Dartonfield Estate,  
Ceylon .....11091, 11116  
Darwin, Charles.....18122  
Dasyneura rhodophaga..7980  
Dates.....6414, 14630  
culture.....1331, 9752,  
19889, 21273  
fumigation.....28023  
nutritive value.....218  
regulation and inspec-  
tion.....5487  
varieties.....15908  
Datisca glomerata...7176  
See also Durango root.  
Datura.....1055  
Datura stramonium...11717  
Davis, William T....5303,  
5306  
Daylight Saving.....19703  
effect on poultry...2898  
Daylily. See Hemerocallis.  
Deathcamas.....21140  
Debts. See Indebtedness.  
Decarthon.....7959  
Decline  
of avocado....1064, 1684  
of citrus.....852, 1033,  
1064  
Decrock, Elie.....29468  
Decticus albifrons...3615  
Deer.....17983, 27259  
as pests.....809, 10823  
management.....20352  
pests.....3460  
Deer, Columbian black-  
tailed.....11631  
Deficiency Appropriation  
Bill, 2d, for 1945..10075  
Deficiency diseases  
in livestock 2314, 7141,  
11726, 11747, 16850,  
16999  
in poultry.....27621
- Deficiency diseases--Con-  
tinued.**  
in sheep.....7641  
in swine.....27835  
See also subheads under  
Nutrition (human); and  
names of diseases.  
Degeneration diseases of  
potatoes.....10388  
Dehydration.....3740, 3941,  
3958, 5778, 8449,  
12999, 13263, 13269,  
28496  
bibliographies.....5336  
Canada...4347, 4370, 8759  
effect on nutritive  
value.....3929  
equipment.....3958  
driers.....3717, 3729,  
8226, 8242, 12997  
home  
equipment.....3729  
industry.....13661  
New Zealand.....13247  
research.....19819  
See High-frequency heat-  
ing, in food processing;  
and subhead drying  
under names of commodi-  
ties.  
Dehydroascorbic acid  
in plants.....6299  
Delastriosis oligosperma.  
15404  
Del. Univ.....12114  
Delegación Provincial de  
Abastecimientos y Trans-  
portes, Valencia, Spain..  
23826  
Delesseria.....15392  
Deletum schaeferi...12625  
Delicia-Läuse-Präparat....  
8158  
Delongana n. g.....23357  
Delonix regia. See Royal  
poinciana.  
Delphinium.....1433, 1528,  
1537, 1541, 1563, 5964,  
6525, 10194, 10948  
culture..1445, 1461, 1488,  
1490, 1496, 1502,  
1517, 1520, 1551,  
1561, 6551, 16077  
diseases.....862, 889  
varieties.....16127  
Delta Council.....19542  
Delta Products Co....28954  
Demand.....25306  
Demaree, G. W.....12526  
Demerol hydrochloride....  
17124  
Demodex.....23112  
Demodex bovis.....17859  
Demonax.....17935  
Demonstration farms. See  
Farms and farming,  
demonstration.  
Demonstration methods....  
5676-8, 5682-3,  
5685-9, 9829-33, 19620  
See also 4-H Clubs,  
demonstrations; and  
subhead demonstrations  
under specific sub-  
jects.  
Dendrobium.....769  
Dendrobium adae.....10234  
Dendrobium ancorarium  
n. sp.....10236  
Dendrobium bigibbum..10193
- Dendrobium densiflorum....**  
15999  
**Dendrobium undulatum..778,**  
5934  
**Dendroctonus brevicornis...**  
9574  
**Dendroctonus frontalis....**  
12636  
**Dendroctonus micans..28048**  
**Dendroctonus monticolae...**  
7941  
**Dengue.....23239**  
**Densitometer.....10125**  
**Dental care. See under**  
**Health.**  
**Derecyrta.....23434**  
**Dermacentor.....3373**  
**Dermacentor andersoni.**  
**See D. venustus.**  
**Dermacentor variabilis....**  
3361  
and disease.....226, 3358  
**Dermacentor venustus.....**  
20384, 23108  
**Dermanyssus gallinae..368,**  
3369, 12580, 17889  
and disease.....12595  
**Dermaptera.....3631**  
Hainan Island.....23548  
North Africa.....12872,  
20561  
See also names of fami-  
lies and genera.  
**Dermatitis.....7899, 19750,**  
28169  
in dogs.....2606, 17137  
in rabbits.....17573  
in sheep.....17573  
**Dermatobia hominis..17740**  
**Dermestes vulpinus..12640**  
**Derris.....12420**  
anatomy and physiology..  
14795, 15708  
bibliographies.....1723  
insecticides..75-7, 3117,  
12418, 23308  
propagation.....21679  
**Deschampsia caespitosa.**  
**See Hairgrass, tufted.**  
**Desert locust. See**  
**Schistocerca gregaria.**  
**Desert plants.....706, 936,**  
10106  
**Desert soils...11172, 26887**  
**Desmidiaceae**  
Portugal.....26269  
**Desmodium. See Tickclover.**  
**Desmodium tortuosum. See**  
**Tickclover, Cherokee.**  
**Desserts.....344, 450, 5587,**  
28497  
**Deutzia scabra plena.16048**  
**Dewberries.....26726**  
**Dextrimaltose.....14601**  
**Dextrins.....8976**  
**Dextrose.....13954, 18422,**  
24563  
**Diabetes.....18559**  
in rabbits.....22790  
**Diabrotica vittata..20321**  
**Diacanthodes.....15408**  
**Diacetyl.....24023**  
**Diactor bilineatus..23399**  
**Dialium pobeguini n. sp...**  
10226  
**Diamidines.....10604**  
**Diamondback moth. See**  
**Plutella maculipennis.**  
**Dianthidium hoplostomum**  
n. sp.....18086



- Item**  
*Dianthidium sibiricum*.....23443  
*Dianthus*.....6461, 10871, 16038, 16045, 16099, 16152, 16161, 26676, 26818  
 diseases.....856  
 varieties.....6591, 16063, 21428  
*Dianthus alpinus*.....6491, 21379  
 Diapause.....7704, 12871, 28203  
 Diapensiaceae.....781  
*Diaphania nitidalis*..18133  
*Diaphanoscope*.....15442  
 Diarrhea  
   in rabbits.....17506  
   See also Scours.  
*Diarthrothrips*.....18176  
*Diarthrothrips coffeae*....28236  
*Diaspidius*.....12782  
 Diatomaceae.....20739, 26267-8  
*Diatraea*.....7740, 18123  
*Diatraea grandiosella*....411, 18150  
*Diatraea saccharalis*  
   parasites and predators of....23222, 23241, 28166  
*Diatraea venosata*.....23467  
*Dibrachys boucheanus*..23449  
 Dicalcium phosphate..27290  
 α-Dicarbonyl compounds....13852  
*Dicellomyces gloeosporus*  
   n. g., n. sp.....26287  
*Dichaetothrips*.....18176  
*Dichapetalum*.....26218  
*Dichapetalum cymosum*..1101  
 Dichloroacetic acid..28445  
 p-Dichlorobenzene. See Paradichlorobenzene.  
 Dichlorodiphenyltrichloroethane. See DDT.  
 1,2-Dichloroethane...3551, 26485, 28205  
 Dichloroethyl ether..28057  
 2,4-Dichlorophenoxyacetic acid. See 2,4-D.  
*Dichomeris marginellus*....8129  
*Dichopetala*.....28222  
*Dichroa febrifuga*.....6710  
*Dichroplis*.....12882  
*Dichrostachys glomerata*.  
   See *Caillisia glomerata*.  
*Dicksonia antarctica*.....16120  
*Dicranota*.....3442  
*Dicroteline*.....1100  
*Dictyna*.....28001  
*Dictynidae*.....28001  
   See also names of genera.  
*Dictyocaulus filaria*..12264  
*Dictyophora*.....12769  
*Didactylia volkonskyi*  
   n. sp.....12663  
 Dideopsis.....28075  
 Didymella, on tomato...901  
*Didymella lycopersici*.  
   See Stem rot, of tomato.  
*Didymolophus*.....7930  
 Dieback  
   of apricot.....15522  
   of citrus.....20965  
   of coffee.....1076
- Item**  
 Dieback--Continued.  
   of elm.....888, 896, 6119, 12821, 15470, 15498, 15531, 20170, 26354, 26365  
 Diesel engines. See Engines, Diesel.  
 Diet. See Nutrition (human), diet.  
*Dieta jannonei* n. sp.....23101  
*Diethylstilbestrol*. See Stilbestrol.  
*Dietitians*....14536, 25061, 25079  
 Differential grasshopper. See *Melanoplus differentialis*.  
 Diggers....5698, 8209, 9823, 12971, 13022, 20409, 25827  
*Digitalis*. See Foxglove.  
*Dimethylaminoethanol*..7173, 22638  
 Dimorphism  
   in insects.....18118  
*Dimorphotheca aurantiaca*..1464  
*Dineutus*.....12630  
 Dining rooms.....28362  
*Dinitro-o-cresol*.....1060, 3247  
*Dinitro-o-cyclohexylphenol*.....27897  
   See also DN-75.  
*Dinitro-o-sec. butylphenol*.....21584  
 2,4-Dinitrophenylhydrazine 24412  
*Dinoderus*.....28045  
*Diogena lanka* n. sp...3617  
*Dionycha*.....28002  
*Dioscorea*. See Yams.  
*Dioscorea esculenta*. See Yam, Chinese.  
*Diospilus ephippium*...8072  
*Diphenyl*.....28776-7  
*Diphtheria*, in poultry. See Fowl pox.  
*Diplatys hainanensis*  
   n. sp.....23548  
*Diplococcus*, infection  
   in cattle.....7244  
*Diplodia*  
   ear rot  
     of corn.....25712  
     on citrus.....15502  
*Diplodia theobromae*  
   on peanut.....6139  
*Diplodia zeae*  
   on corn.....15490  
*Diploexochus*.....28006  
*Diploexochus berlandi*  
   n. sp.....12570  
*Diplogaster*.....28058  
 Diploidy. See Polyploidy.  
*Diplopoda*.....28011  
   Brazil.....3376  
   Helgoland.....17664  
   Saipan.....3362  
   See also names of families and genera.  
 Dips and dipping.....13101  
   See also names of insecticides; and under names of animals.  
 Diptera  
   Africa.....12716  
   anatomy and physiology..7457, 17992
- Item**  
 Diptera--Continued.  
   as parasites and predators.....5822  
   control.....75  
   Europe.....9972  
   France.....7975, 8003, 12695, 18001, 23250  
   Great Britain.....7995  
   habits and behavior..3468  
   Hallands Väderö....23283  
   Ivory Coast.....28096  
   Mediterranean Region....12702  
   nomenclature.....12713, 23273, 23299  
   Siberia.....23294  
   Sweden.....23284  
   See also common group names; and names of families and genera.  
*Dipteris conjugata*...10494  
*Dirhagus*.....3409  
*Dirofilaria immitis*. See Heart worm.  
*Dirofilaria repens*  
   in dogs.....17113  
*Discocyrtus*.....17896  
*Discodon*.....12691  
 Discussion groups..8, 14471, 19892, 25017, 25019, 25280  
   Canada.....25018  
 Diseases.....5268, 17728  
   transmission.....7707, 7712, 18030  
   tropical.....659, 14715, 17717, 23335  
   See also Deficiency diseases; Degeneration diseases; Health; Pathology; Phytopathology; Veterinary medicine; names of diseases and vectors; and under Livestock, Plants, and names of animals and plants.  
*Disemulus*.....17861  
 Disinfectants...3161, 7762, 11700, 12112, 14780  
 Disinfection...5778, 11700, 11714  
 Disinfestation, in insect control...7743, 7749, 8054, 8166  
   equipment.....8165  
 Disks (tillage machinery)..12979  
 Dismier, Gabriel.....14643  
*Disodium ethylene bisdithiocarbamate*. See Dithane.  
 Disperma. See Duosperma.  
 Distemper  
   in dogs.....7337, 7346, 17111, 17114, 17116-17, 22504, 22517  
   immunization....7343, 17122, 22506  
*Distichlis spicata*....733  
 Distillers' byproducts. See Brewers' and distillers' byproducts; Fermentation solubles (feed).  
 Distomatosis. See Liver fluke.  
 Distribution. See Markets and marketing; and under Food, Fruit, and Milk.
- Item**  
 Ditches...3494, 6852, 14903, 16454, 25278, 28264  
   See also subhead canals and ditches under Drainage and Irrigation.  
 Dithane.....6121, 17905  
 Dithiocarbamates.....2000  
 Dittany of Crete. See Origanum, Crete-Dittany.  
 Diversified farming..1132, 2568, 12181, 18807, 29177  
   Australia.....10445  
   Canada.....14260  
   Cuba.....14244  
   Great Britain.....29202  
   Hawaii.....9772  
   New Zealand.....4919  
   Northern Ireland...14229  
   Peru.....14261  
   See also under subheads farms and ranches under names of livestock.  
*Doclostaurus maroccanus*...28223  
 Docking. See Lambs, docking.  
 Dodder.....1242, 14887, 21626, 26866  
 Doddridge Co. (W. Va.)  
   Timber Assoc..11527, 22015  
 Dodonaea.....772  
 Dogs.....7356, 20548, 22532, 27503  
   age.....2600  
   anatomy and physiology..17121, 17125, 22510  
   anomalies....11963, 17120  
   as predators.....20435  
   breeds and breeding....7324-5, 15215, 15218, 15222, 17106, 17120, 20551, 22497, 22499, 27481, 27483, 27485  
   Armenti.....22500  
   Basenji.....27476  
   Bloodhound.....17100  
   Boxer.....9965, 22495  
   Bulldog, French...2578  
   Chihuahua.....2582  
   Collie.....2577, 7330, 17098, 17103  
   Coonhound  
     Black and Tan..27473  
   Dachshund.....7328  
   Dalmatian.....17105  
   Doberman Pinscher....2584, 7331  
   Elkhound.....11952  
   Foxhound.....27472  
   Great Dane.....2583  
   Great Pyrenees...22493  
   Greyhound.....22498  
   Griffon, Brussels....27474  
   Mastiff.....22503  
   Pointer....9966, 17101, 17107, 27480  
     German Shorthaired..17097  
   Retriever....5805, 9966  
     Curly-coated....7329  
     Labrador.....27479  
   Setter.....17096, 22494  
     English  
       Llewellyn...17099, 27475  
     Gordon.....17102



- Dogs--Continued**  
 breeds and breeding--continued.  
 Spaniel.....9966  
 Cocker....2579, 7323, 7327, 11963, 22496  
 Irish Water....11953  
 Springer.....27484  
 Terrier.....22502  
 Boston.....22501  
 Bull.....27104  
 Kerry Blue....27482  
 Scottish....7326, 27477  
 Sealyham....7322, 17097  
 Staffordshire...5803  
 care.....2608, 22527, 22530, 27497  
 Chile.....14710  
 diseases.....574, 9961, 11965-6, 17110, 22505, 27483  
 diagnosis.....27488  
 feeding and nutrition...2586, 7333, 17108  
 deficiencies...2587, 11954, 27486  
 Great Britain.....22503  
 heredity....11951, 27478  
 history.....2580, 2611, 7355, 17142, 22503  
 hunting.....27498, 27501  
 injuries.....7347, 22519  
 foreign objects..7336, 7338, 17123  
 judging.....11973  
 licensing.....11959  
 Palestine.....27481  
 parasites...2588, 11966, 12395, 23547  
 parturition.....17139  
 poisoning.....17140, 22508-9  
 psychology...17143, 27478  
 purchasing.....2610  
 records and testing....22498, 27472  
 respiration.....17112  
 shows and sales....561, 2612-13, 17147, 22496, 22523  
 surgery...574, 2595, 7342, 7349, 17123, 17126, 22514  
 training.....5807, 7353, 9966, 11971, 17144-5, 22529, 27498, 27500, 27502  
 transportation.....2609  
 vices.....17143  
 war use.....2607, 5810, 15224, 17141, 22526  
 weight and measurement..27484  
 working.....2577, 2614, 2905, 11972, 17098, 22533-4, 27502, 27504  
See also Feed; 4-E  
 Clubs, dogs; Pigmentation, hair; and names of feeds and of anatomical parts, diseases, and parasites.
- Dogtooth grass, Transvaal.** 1425
- Dogwood, bunchberry.** See *Cornus canadensis*.
- Dohrnemesa n. g.**...28152
- Dolichopodidae**.....8012  
See also names of genera.
- Dolichopsyllidae**.....28232  
See also names of genera.
- Dolichos, hyacinth**....868, 1252, 16272
- Dolichos lablab.** See *Dolichos, hyacinth*.
- Colichos sinensis.** See Cowpeas.
- Dolichotarsus n. g.**...23226
- Dolichowithius**.....28000
- Dollfusella minutissima**...12775
- Dolopius marginatus**..23139
- Domestic animals.** See Livestock.
- Domohinia n. g.**.....10218
- Donkeys.** See Asses.
- Doors**.....2153, 16703
- Dopatrium junceum**....5962
- Dormancy, in plants**.....1020, 1048, 1060, 6283, 10584, 15662, 15689, 21009, 21013, 26485
- Doronicum**.....6568
- Dorygonus**.....7930
- Doryphore.** See Leptinotarsa decemlineata.
- Dough**.....8816, 23869
- Douglas, David**.....14653
- Douglas-fir**.....9603, 26564  
 anatomy and physiology..16726  
 culture.....9605  
 pests.....18088  
 pulping.....11606  
 wood.....11561
- Dourine**.....2650
- Downy mildew**  
 of Compositae. See *Bremia lactucae*.  
 of cucumber.....15510  
 of grape.....841, 6136, 15485, 15494, 15512, 20806, 20809, 20853, 26337, 26353, 26472  
 of millet.....26368  
 of poppy.....20828  
 of sugar beet.....220  
 of tobacco.....6124, 10374, 20821, 20831, 21219
- Draba**.....21440
- Draba muralis**.....16255
- Dragonflies.** See Odonata.
- Drainage**.....1899, 1925, 1935, 1940, 1945, 6734, 14630, 14903, 15300, 16461, 20427, 25637
- Argentina**.....11351
- Australia**  
 Tasmania.....16501  
 bibliographies.....193  
 British Guiana.....9039  
 British West Indies....26943
- Canada**  
 Ontario.....27014  
 Quebec.....6878  
 canals and ditches..11326  
 Caribbean Area....28113  
 costs and returns...1801  
 El Salvador.....11350  
 France.....11327, 14622  
 India.....15875  
 Italy.....6854  
 legislation.....6854  
 Louisiana.....21876
- Drainage--Continued.**  
 mole....11322, 11329, 16439  
 mosquito-breeding places....18023, 18037  
 Nebraska.....16455  
 New Zealand.....8185  
 Nigeria.....8026  
 Rio Grande River Basin..1948  
 South Carolina....21886  
 tile, equipment....1916  
 Virginia.....14758
- Dransaxa**.....17955
- Draw bars**.....8251
- Dredges**.....12975
- Dressmaking.** See Sewing.
- Dried fruit beetle.** See *Carpophilus hemipterus*.
- Driers.** See Clothes  
 driers; Dehydration, equipment, driers; Grain driers.
- Drills**.....3673, 18248
- Urimys winteri**.....962
- Dromaeolus**.....3409
- Dromaeolus barnabita**..12639
- Dropey, in cattle**....22411
- Drosera filiformis**....15350
- Drosophila**.....64, 23293, 23303  
 anatomy and physiology..8020, 17999  
 China.....23292, 23300  
 genetics.....3443, 3464, 3480, 3484, 7990, 12711, 17982, 17986, 17999, 18007, 23223, 23231-2, 23234, 23253, 23260-1, 23276, 23306, 28070, 28073  
 habits and behavior....28082
- Drosophila ampelophila**...3443, 3463-4, 3479-80, 7990, 12711, 17982, 18007, 23223-4, 23231-2, 23234, 23261, 23276, 23291  
 anatomy and physiology..3484, 17992, 18000  
 fertility.....23249  
 habits and behavior....23256
- Drosophila busckii**....8004
- Drosophila melanogaster.** See *D. ampelophila*.
- Drosophila montium**..23301-2
- Drosophila pallidipennis**..23277
- Drosophila pseudoobscura**..17986, 23280
- Drosophila repletoidea**...23252
- Drosophila séguyi n. n.**...23295
- Drosophila subobscura**....17999, 23295
- Drosophila virilis**.....23309-10
- Drought**  
 effect on  
 animals.....2278  
 insects.....7847  
 plants.....708, 6363  
 Uruguay.....25209  
See also Insurance, drought.
- Drug plants**....1694, 1697, 1706, 1710, 9582, 9999, 10043, 10950, 11090, 21669, 26879  
 Brazil.....20705  
 France.....14004  
 history.....177, 11117  
 Hungary.....13988  
 India.....773, 1695, 16266  
 Mexico.....1713, 6709  
 North Africa.....6703  
 North Carolina....26869  
 U. S. S. R....15277, 26881  
See also names of plants.
- Drugs**  
 analysis and composition 13194, 13304, 23805  
 bacteriostatic.....15687  
 India.....4683  
 regulation and inspection.....25739, 28468  
See also Veterinary medicine, drugs; and names of drugs.
- Dry-land farming**....1150, 21826, 21835  
 Mexico.....14236  
 New Mexico.....9715  
 Texas.....27002  
See also Pastures, dry-land.
- Dry rot**  
 of sugar beet..6254, 6270
- Dryas octopetala**.....10580
- Dryas paphia**.....8090
- Dryas suendermanni**....5986, 6466
- Drying of foods.** See Dehydration; and under names of commodities.
- Drying oils**....5830, 24387, 24397, 25928
- Drymonia chaonia**....23450
- Dryopidae**  
 Morocco.....28031  
See also names of genera.
- Dryops**.....28031
- Dryopteris**.....20722
- Dryopteris aristata**..15602
- Dryopteris poilanei n. sp.** 10255
- Duboisia myoporoides**..10628
- Ducks**.....554  
 Argentina.....12059  
 as pests.....20791  
 breeds and breeding..2697  
 Khaki Campbell...12062  
 Pekin....12059, 22611, 22761  
 care...2855, 2862, 2873-4, 2913-14, 7551, 7560, 7572, 12062, 12137, 17392, 17395, 17436-7, 22723, 25812  
 costs and returns..14276  
 culling.....7534, 17393, 27685  
 diseases.....7489, 22662  
 egg production....7541, 12156, 12189  
 seasonal.....27674  
 farms and ranches...7549  
 feeding and nutrition...12082-83, 17276, 22647  
 fertility.....7418



- | Item                              | Item                                  | Item                          | Item                          |
|-----------------------------------|---------------------------------------|-------------------------------|-------------------------------|
| Ducks--Continued.                 | Earworms. <u>See</u> <i>Heliothis</i> | Ecology--Continued.           | Economic conditions--Con-     |
| hatching...2877,7544,7573         | <i>armigera</i> .                     | plant--continued.             | tinued.                       |
| seasonal.....27676                | Easlea, Walter.....9497               | France--continued.            | Colombia.....24607            |
| India.....7567                    | East Coast fever                      | Biarritz.....10426            | Cuba.....4708                 |
| industry.....22761                | in cattle...23133,27444               | Champagne Region....          | Denmark.....29065             |
| molting.....17394                 | Eastern Pa. Hampshire                 | 10409                         | Europe.....20484,24600        |
| Spain.....26037                   | Swine Breeders Coop.27812             | Lower Seine.....10414         | France.....19192              |
| Union of South Africa...          | Eastern spruce gall aphid.            | Paris.....10419-20            | Germany.....29057             |
| 7575                              | <u>See</u> <i>Chermes abietis</i> .   | Pyrenees.10026,10405          | Guatemala...19209,24584       |
| Uruguay.....22699                 | Eastern States Farmers'               | St. Jean de Luz.....          | India.....4711,24586,         |
| <u>See also</u> Eggs, duck;       | Exch.....8408                         | 10401                         | 25990                         |
| Feed; and names of                | Eberhardtia.....10449                 | French West Africa....        | Italian Africa....19302       |
| feeds and of anatomical           | Eccotomera microps...12701            | 10427                         | Italy.....29064               |
| parts, diseases, para-            | Echeveria.....5972                    | Great Britain                 | Japan.....24608               |
| sites, and products.              | Echinacea purpurea...10977            | England.....20894             | Kansas.....24907              |
| Dufour, Léon.....14652            | Echinomastus mariposensis.            | Hawaii.....26150              | Latin America....14017,       |
| Duliticola.....23181              | 746                                   | Hispaniola.....10415          | 20510,24574,24587             |
| Dumbarton Oaks Conf....40,        | Echinopsis.....6560                   | Illinois.....26390            | Louisiana.....14717           |
| 91                                | Ecology.....613                       | Indiana, Shelby               | Massachusetts....19959        |
| Dunes. <u>See</u> Sand dunes.     | Colombia.....25169                    | County.....941                | Minnesota.....20625           |
| Duosperma.....20686               | forest.....944,1127,                  | Italy.....20891,26393,        | Mississippi.....14013         |
| Durango root...7176,22275         | 6172-3,10097,10437,                   | 26401                         | Mozambique.....24570          |
| Durra.....18856,18869             | 15563,20904                           | Massaciuccoli..10435          | New Mexico.....20495          |
| pests.....28153                   | Allegheny Plateau....                 | Juan Fernandez Island.        | New Zealand.....4703          |
| products.....18865                | 15564                                 | 10432                         | North Carolina...14824        |
| Dust.....1745                     | Australia.....20902                   | Jura Mountains 15566          | Northern Rhodesia..26002      |
| <u>See also</u> Wind erosion.     | Brazil.....11494                      | Kansas.....10429,15316        | Nyasaland.....4705            |
| Dust explosions.....5771          | British Honduras..6176                | Latin America...10434         | Portugal.....25235            |
| Dusts and dusting...5582,         | France                                | Lesser Antilles..10433        | postwar.....8486              |
| 12449,22926,22997,                | Vosges Mountains....                  | Libya.....20888               | Puerto Rico....670,24596      |
| 23000,23159-61,                   | 10418                                 | Louisiana, New Orleans        | South Carolina....9893        |
| 23178                             | Germany...20889,20895,                | Region.....937                | Southern States...19202       |
| by airplane...851,3492,           | 20897                                 | Malay Archipelago....         | Southwestern States....       |
| 17722,23340,25374,                | Erz Mountains..10428                  | 10403                         | 20608                         |
| 27882,27916                       | Indiana, White River                  | Michigan                      | Tunisia.....24612             |
| technique and equipment.          | Region.....943                        | Oakland County.....           | Union of South Africa...24606 |
| 12403                             | Itasca Park.....26388                 | 10146                         | Venezuela....25976,25980      |
| <u>See also</u> Fungicides; In-   | Switzerland.....10407,                | Minnesota.....26394           | Virginia.....14086            |
| secticides; names of              | 20906                                 | Nevada, Carson Desert         | West Indies.....4717          |
| dusts; and subhead                | U. S. S. R.....20899                  | Region.....936                | Economic cycles.....513,      |
| spraying and dusting              | Siberian Regions...                   | New Hampshire.....944         | 4710,9047,14773               |
| under specific sub-               | 20901                                 | New Jersey, Pine              | Economic plants....10020,     |
| jects.                            | insect...7698,8027,8145,              | Barrens.....693               | 20658                         |
| Dutch elm disease. <u>See</u>     | 18028,18045,23139,                    | New York (State).15568        | Argentina.....10126           |
| Dieback, of elm.                  | 23203,28178                           | Long Island.....946           | Aruba.....10133               |
| Dyeing.....8882                   | France                                | North Dakota.....26241        | Bonaire.....10133             |
| <u>See also</u> under Fibers;     | Brittany.....28037                    | North Sea Region....          | British Guiana....10102       |
| Textiles; and specific            | Saint-Genis-Laval...28026             | 10412                         | Cuba.....10131                |
| subjects.                         | Morocco.....27856                     | Paraguay.....10430            | Curaçao.....10133             |
| Dyes.....19166                    | plant....945,6171,6178,               | Puerto Rico.....10416         | El Salvador.....10115         |
| vegetable.....24182               | 10007,10417,10424,                    | Somaliland.....10406          | Hispaniola.....10082          |
| Dygoris n. g.....28182            | 10436,15563,26391,                    | Spain.....26386               | Jamaica.....10114             |
| Dysdercus.....26303               | 26396,26399                           | Switzerland                   | Latin America....10043,       |
| Dysentery, in swine..7284,        | 26396,26399                           | Geneva.....26402              | 10099                         |
| 12335                             | Alaska Highway...20903                | Trinidad and Tobago...10404   | Lesser Antilles...10433       |
| Dysoxylum.....26218               | Argentina...10425,19815               | 26387                         | Mexico.....10127              |
| Dystocia. <u>See</u> Obstetrics.  | Basque Region...10242,                | Tropics.....26387             | Nicaragua.....10081           |
| Dystrophy. <u>See</u> Atrophy.    | 10399-400,10402,                      | U. S. S. R.....26397-8        | Panama.....10116              |
| Dytiscidae                        | 10408,10410,10421-2                   | Amur (Province)....           | Paraguay.....10088            |
| Cameroun.....12630                | Brazil...15567,20890,                 | 6177                          | Peru.....10108                |
| <u>See also</u> names of          | 20893                                 | Siberian Regions....          | Puerto Rico.....10109         |
| genera.                           | Bulgaria.....15333                    | 6177,6179,20898               | Surinam.....10132             |
| Eacles imperialis...23477         | California.....15562,                 | Ural Mountains.26392          | Uruguay.....10084             |
| Earias fabia                      | 15565                                 | Yakutsk.....20900             | Economics.....5079,15008      |
| parasites and predators           | Canada                                | Uruguay.....10431             | Australia.....24595           |
| of.....18111                      | Hudson Bay Region...15561             | Utah, Wasatch Range...939     | bibliographies....19949       |
| Early blight                      | Quebec.....947                        | <u>See also</u> Fauna; Flora; | Colombia.....4709             |
| of potato....6089,6121,           | St. Lawrence Region..26389            | Vegetation.                   | French North Africa....24572  |
| 10377                             | Chile.....10413                       | Economic conditions..5110,    | Great Britain.....4817        |
| of tomato.....20308               | Colorado.....942                      | 5718,20472,20509,             | India.....20496               |
| Ears                              | Desventuradas Islands.                | 25297                         | international....19199        |
| of cats.....11970                 | 10432                                 | Algeria.....24583             | Palestine.....29505           |
| of dogs.....2584                  | El Salvador.....10423                 | Amazon Region.....24590       | postwar.....5721,24748        |
| <u>See also</u> Meatus acusticus. | Ethiopia.....26395                    | Argentina.....9033            | research.....24595            |
| Earthworms...1765,11176-7,        | Europe, Atlantic                      | Australia...24575,24585,      | research methods...9483       |
| 16310,21711,26970                 | Coast Region...20905                  | 29058                         | study and teaching.25395      |
| as pests.....22940                | France.....676,9997,                  | Brazil.....13237,24576        | theory.....5734               |
| Earwigs. <u>See</u> Dermapters.   | 10215                                 | Chile.....24614               |                               |
|                                   |                                       | China.....24594               |                               |



- | <u>Item</u>                       | <u>Item</u>                       | <u>Item</u>                | <u>Item</u>                                 |
|-----------------------------------|-----------------------------------|----------------------------|---|
| Economics--Continued.             | Education--Continued.             | Education--Continued.      | Eggs--Continued.                            |
| Tripolitania.....19214            | Ecuador....5041-2,14384,          | vocal agricultural--       | dried--continued.                           |
| Uruguay.....14704                 | 19176                             | continued.                 | analysis and composi-                       |
| Economy.....9042                  | farmer training....5054,          | Texas.....19598            | tion.....14864,20141                        |
| Australia.....24583               | 5068,9307,9673,                   | Union of South Africa.     | bacteria...8944,13191,                      |
| Belgium.....9923                  | 14428,29296                       | 14435                      | 19087                                       |
| Brazil.....19132,19212,           | Germany...19597,19652,            | U. S. S. R.....9295,       | cookery....9640,14947,                      |
| 28429                             | 19654                             | 14411,29285                | 19879                                       |
| Canada.....19188                  | India.....9880                    | Uruguay.....19644          | quality....13913,24473                      |
| Chile.....14020                   | France.....14380,14414,           | See also Children,         | tests.....24473                             |
| Colombia.....9868                 | 14647                             | education and training;    | utilization.....4121,                       |
| Ecuador.....19176                 | Great Britain.....4756            | Extension work; Inter-     | 24029                                       |
| India.....9884,19187              | high school                       | American relations,        | drying.....4565,4597,                       |
| Italian Somaliland,14157          | New Zealand.....19614             | education; Lend-grant      | 8926,8944,13016,                            |
| Italy.....9499                    | India.....24923                   | colleges; Schools;         | 19076,19087,23666,                          |
| Japan.....19130                   | Indochina.....14010               | Teachers; Youth, educa-    | 24461,24470                                 |
| Libyan Sahara.....14164           | inter-American.....14681          | tion and training; and     | Eire.....13890                              |
| Mexico.....29072                  | Iowa.....9673                     | subhead study and          | France.....8946                             |
| national.....5723,20509           | Mexico.....9307                   | teaching under specific    | freezing.....4598                           |
| Brazil.....20506                  | Mississippi.....19660             | subjects.                  | frozen.....20141                            |
| France.....9034                   | Negro.....5108,19582,             | Elgrass.....6036           | grading and standardi-                      |
| Germany.....20507                 | 19605,19620                       | Elworms. See Nematodes.    | zation.....4601,4608,                       |
| Hawaii.....8282                   | Nevada.....20497                  | Efficiency.....4785,9567,  | 9620,19091,24457,                           |
| India.....29052                   | New Hampshire.....105             | 24654,24662,24671,         | 28965,28973                                 |
| Venezuela...3896,26000            | Ohio.....19622                    | 29111                      | Great Britain.....8920,                     |
| native                            | Portugal.....14390                | time and motion studies.   | 13893,19082,19084,                          |
| Ethiopia.....18427                | Portuguese Colonies....           | 4757,19257,19259,          | 19711,19717,28991                           |
| Italian East Africa...14028,19198 | 14390                             | 19263,19279,20106          | hatchability.....2883,                      |
| Nicaragua.....9045                | Puerto Rico.....9888              | See also Office manage-    | 4586,7427,7441,                             |
| Rumania.....9040                  | Timor.....14311                   | ment; and subhead work     | 7578,12179,17265,                           |
| Tunisia.....19195                 | Turkey.....9324                   | management under 4-H       | 17450,22640,22669,                          |
| Venezuela...14026,19201           | Union of South Africa...4933,5093 | Clubs, Home management,    | 22729,27618,27635,                          |
| Ectemnius.....8081                | Uruguay.....14376                 | Labor, and names of in-    | 27663,27715                                 |
| Ectropothecium.....20729          | vocal agricultural..              | dustries.                  | hatching.....8931                           |
| Ecuador. Dirección General        | 666,1293,5051-2,                  | Egg binding                | India.....24471                             |
| de Estadística y Censos..28515    | 5065,5072-3,5079,                 | in poultry.....12097       | industry                                    |
| Ecuador. Ministerio de            | 5096,5098,5103,                   | Egg-laying contests. See   | directories.....9955                        |
| Economía.....9149,29157           | 5327,9290,9293,                   | Poultry, egg production,   | liquid.....20141,25319                      |
| Ecuador. Servicio de              | 9298-9,9312-14,                   | laying contests.           | market reports..25522-3,                    |
| Consejería Rural.....5041         | 14377,14380,14383,                | Eggplant..1611,11051,21605 | 25530,25551,25554,                          |
| Ecuador. Subsecretaría de         | 14385,14407,14417-18,             | diseases.....6151,20870    | 25577,25599                                 |
| Agricultura. Laboratorio          | 14421,14429,14431,                | pests.....17746            | marketing.....166,4564,                     |
| Experimental de Molinería         | 14433,14436,19523,                | Eggs.....5370,25656,25798  | 4580,4582,4587,                             |
| y Panificación.....13705          | 19580,19592,19596,                | abnormalities.....13916,   | 4603,8924-5,8928,                           |
| Ecusta Paper Corp. (N. C.)        | 19613,19617,19623,                | 17266,20544,27696          | 8931,8940,13888,                            |
| 13478                             | 19633,19643,19662,                | analysis and composition   | 14820,19075,19079,                          |
| Eczema.....11708,14554            | 24917-18,24927-8,                 | 8923,8939,13184,           | 19084,19095,19104,                          |
| in dogs.....2598,2606,12395       | 24930,24953-4,29066,              | 13884,13899,13904,         | 24452,24459-60,24471,                       |
| Edema.....12019                   | 29271                             | 17339,19100,20141          | 24476,28969-72,28991                        |
| of the hoof                       | Africa.....14415                  | area of production...544   | preservation.....4594,                      |
| in horses.....7394                | Australia.....19603,              | Australia.....4559         | 13882,13912,19090,                          |
| Edema, malignant                  | 19629,24972                       | bacteria.....13834,28982   | 24454,24462                                 |
| in cattle.....2514                | Brazil.....14658,29054            | blue.....2713              | prices..4608,4616,19080,                    |
| Edgecomb, Albert Edward...25203   | Canada.....5101,5104,             | Brazil..4567,13891,13915   | 24469,25532                                 |
| Edinburgh. Vet. Dept.18958        | 24932,24962                       | breaking.....13006,23666   | control....364,13910,                       |
| Education.....5047-8,5732,        | Chile.....14409,29281,            | Canada...4561,4568,4601,   | 13918,19099                                 |
| 9301,9309,9625,                   | 29289                             | 4614,13883,19080,          | processed.....13914                         |
| 20604,24948,25067,                | Colombia...19593,29069            | 19711,19717,25024,         | products.....29051                          |
| 29280,29438                       | Ecuador.....29272                 | 29337                      | programs.....25497                          |
| adult.....14852,19648             | France.....14381,14400            | candling.....19091         | purchase and sale pro-                      |
| New York (State).....14431,19610  | French Equatorial                 | care and handling..2944,   | grams.....13898                             |
| Utah.....19568                    | Africa.....14394                  | 4566,4573,5347,            | quality..2752,4568,4590,                    |
| Africa.....9305                   | Georgia.....5110                  | 13908                      | 4603,4611,13894,                            |
| Argentina....14405,14419          | Germany...19572,19609,            | cleaning.....28368,28378   | 13917,15055,20337,                          |
| Australia....5055,19657,          | 19653                             | equipment..8187,23651,     | 24460,28968,28979                           |
| 24926                             | Hungary.....14388                 | 28295                      | refrigeration.....3739,                     |
| Belgian Congo.....14023           | Illinois..19600,19641,            | conferences and con-       | 13906                                       |
| bibliographies.....20478          | 24935                             | gresses.....14820          | regulation and inspec-                      |
| Brazil.....4828,14412,            | India.....29075                   | consumption.....14952      | tion.....8946                               |
| 19642                             | Indiana....19650,24966            | containers....5347,24465   | sealing.....20337                           |
| Canada.....5121,14432,            | Iowa.....14391,29278              | cookery.....9642,14728     | shells...2917,7511,8927,                    |
| 1956b,19616,19618,                | Kentucky...24943,24963            | cooling                    | 12103,22618,27607                           |
| 19647                             | Latin America...24587             | equipment.....13029        | shows and sales....8922,                    |
| Chile.....29281                   | legislation.....25996             | cooperatives.....4589,     | 13885                                       |
| conferences and con-              | Louisiana.....5075                | 4606,8937,8943             | situation and outlook...367,4563,4585,4612, |
| gresses.....5768                  | Madagascar.....14395              | costs and returns.14288,   | 4615,4617,8387,8947,                        |
|                                   | Nebraska....8198,19584            | 19500,24828,29234          | 19088,19098,20138,                          |
|                                   | New Zealand....24921              | dried.....3910,4576-7,     | 20531,24466,24478,                          |
|                                   | Pennsylvania....24938             | 4579,13881,13915,          | 24481,25324,28961-2,                        |
|                                   |                                   | 19104,25319                | 28974                                       |



- Eggs--Continued.**  
 statistics...13003,14766,  
 25319,25559,28512  
 storage.....4605,13116,  
 13895,13902,13907,  
 28070,28983  
 Sweden.....19079  
 trade.....19711,19717,  
 25024,29337  
 transportation....4560,  
 4572,4586,24465  
 utilization.....13919  
 vitamins.....9450  
 waste  
   as feed.....17631  
 weight.....7440,7566  
 yolks.....2694,16735,  
 16918  
See also Embryos, chick;  
 Poultry, hatching;  
 subhead egg production  
 under Poultry and  
 kinds of poultry; and  
 subhead eggs under  
 names of insects.
- Eggs, duck**.....19086  
**Eggs, turkey**.....17450  
**Egyptian Anti-Locust Unit**  
 to Arabia, 3d.....8136  
**Eichornia crassipes**.....10902  
**Eiconolipeurus n. g.**.....18188  
**Einkorn**.....970  
See also Triticum mo-  
 nococcum.
- Eirone**.....18095  
**Elaeagia utilis**.....1718  
**Elaeagnaceae**.....5968  
**Elapheremaeus n. g.**.....7896  
**Elateridae**  
 Cameroun.....7932  
 French Indochina, 28035-6  
 larvae.....7924  
 Samoa.....7971  
See also Wireworms; and  
 names of genera.
- Elder**.....6700  
**Electricity**  
 Canada  
   bibliographies....5279  
   cooperatives.....18376  
   conferences and con-  
   gresses.....18386  
   effect on plants...15585  
 France.....23780  
 hydroelectric....11352,  
 15302-3,18384,26096  
 in industry...8353,14896  
 in plants.....10597  
 India.....18384,18388  
 lines.....18392,23778  
 on the farm....444,3828,  
 3839,3841,3847-8,  
 3850,5463,5470,  
 5715,8344,8347,  
 8349-53,8358,12923,  
 13122,13127-8,13130,  
 13138,18381,18385,  
 20187,20442,23766,  
 23770-1,23779,  
 28404-5,28407,28410,  
 28414,28416,28418  
 postwar.....5349,5464  
 power plants.....23777  
 U. S. S. R.....23770,  
 23779
- Electricity--Continued.**  
See also Brooders,  
 electric; Electronics;  
 Equipment, electric;  
 4-H Clubs, electricity;  
 Heating, electric;  
 High-frequency heating;  
 Ions; Lighting; Mech-  
 anization; Motors;  
 Flowing, electric;  
 Soils, electric proper-  
 ties; Wiring, electric.
- Electrification**.....3843,  
 3849,3853,5471,  
 15159,18379,23773-4,  
 25616-19,28413  
 Australia.....18391  
 Canada.....3842  
 extension of service....  
 23778  
 France....13144,23767-9,  
 23775  
 Georgia.....13137,13143  
 Guadeloupe.....23772  
 legislation.....25611  
 Midwest.....28412  
 Morocco.....8356  
 postwar.....14898,18387  
 situation and outlook...  
 13134,13141  
 statistics....9629,13126  
 U. S. S. R.....18390  
See also U. S. Dept. of  
 Agr., Rural Electrifi-  
 cation Admin.
- Electron microscopes**.....8106,  
 19820  
**Electronics**.....3652  
 botanical use.....1001,  
 6167  
See also Bactericidal  
 lamps; High-frequency  
 heating; Radio.
- Electrophoresis**.....15723  
 apparatus.....22252  
**Eleocharis**.....948  
**Eleocharis tuberosa**. See  
 Waternut.
- α-Eleostearic acid**.....19059  
**Elephant Butte Reservoir**...  
 27009  
**Elephant yam**. See Giant  
 arum, whitespot.
- Elephants**.....22249  
**Eleudron**.....17176  
**Eleusine**.....10681  
**Elevators**.....3681,5699,  
 23642,23668  
 fire prevention....28253  
 grain.....13675,18375,  
 20408  
   cooperative.....8823,  
   18880  
   directories.....28823  
 Elgetol.....1342,1355  
**Elipsocus sticticus**...3638  
**Elliott, Stephen, Jr.**.....10031  
**Elm**  
 anatomy and physiology..  
 26158  
 culture.....10953  
 diseases....888,896,916,  
 5546,6119,6154,  
 10396,15470,15498,  
 15531,15533,20170,  
 26354,26365  
 resistance.....6164
- Elm--Continued.**  
 pests.....7922,7927,  
 2617,14792,23145  
**Elm leaf beetle**. See  
 Galerucella xanthome-  
 laena.
- Elmer, Adolph D. E.**.....5296  
**Eloceria**.....12723  
**Elodea canadensis**...10578,  
 15622  
**Elsianus**.....3415  
**Elsinoë**.....868  
**Elsinoë boehmeriae**...15396  
**Elsinoë phaseoli**. See  
 Scab, of lima bean.
- Elsinoë piri**  
 on apple.....6104  
 on pear.....6104  
**Elymus**.....5941  
See also Wild-rye.
- Embothrium coccineum**.....10861  
**Embryo extract**.....7242  
**Embryology**.....20556  
**Embryos**  
 chick....2791,2799,2801,  
 16918,17341,17343,  
 27635  
   culture media....3489  
 duck  
   culture media....11991  
 horse.....17190  
 insect.....17992  
 plant...1045,6201,10495,  
 15589,15601,20913-14,  
 20922,20929-30,26444,  
 26473  
 swine.....2801,12337  
**Emergency Powers (No.**  
 296) Order, 1943 (Eire)..  
 24700  
**Emergency Price Control**  
 Act, 1942.....5784  
**Emera**.....28152  
**Emesinae Neotropica**...28152  
**Emmer, wild**. See Wheat,  
 wild.
- Emphysema**  
 in livestock.....22225  
**Emphytus basalis**.....3527  
**Employment**....14773,14899,  
 15125,15172,19295,  
 20031,20192,20509,  
 24660-1,29119  
 Argentina.....29103  
 effect on the farmer...  
 19211  
 legislation..25994,29066  
 New Mexico.....20495  
See also Labor; and  
 under Veterans.
- Empoasca abrupta**.....9658  
**Empoasca devastans**...15656  
**Empoasca fabae**.....12436  
 control.....12442,12644,  
 22914,23365,23369  
**Empoasca strigilifera**  
 n. sp.....23397  
**Empusa**.....17998,23313,  
 28215  
**Empusa muscae**.....17995  
**Encephalartos**.....15366  
**Encephalartos eugene-mara-**  
**isi**.....15388  
**Encephalitis**  
 in cattle.....2465
- Encephalitis--Continued.**  
 transmission.....12595,  
 17864,18032,27891,  
 27993  
 vaccines.....16816  
**Encephalomalacia**  
 in poultry.....27618  
**Encephalomyelitis**  
 India.....17003  
**Encephalomyelitis, equine**...  
 2642,2644,12025,  
 17169  
 Palestine.....27519  
 Peru.....12022  
 therapy.....7396  
 transmission.....12003,  
 18031  
 virus.....2640,11941-2,  
 12022,23341,23381  
**Encephalomyelitis, in-**  
**fectious avian**.....2802  
**Encomia ulmoides**.....8951  
**Endeostigmata**.....17875  
See also Acarina,  
 Endeostigmata.
- Endive**.....1584,16229  
**Endocrinology**.....2795  
**Endodermis**.....15643  
**Endometritis**  
 in cattle.....7378  
 in horses.....7378  
 in swine.....12352  
**Endothelioma**  
 in sheep.....7639  
**Engineering**....12917,28272  
 as an occupation...12918  
 research.....3660,8182,  
 9582,18197  
See also 4-H Clubs;  
 engineering; Mosequi-  
 toes, control, engi-  
 neering methods.
- Engines**.....8269,8274,  
 18312,23695  
 diesel....3774,3778,8333  
 gas.....13050  
 maintenance and repair...  
 8283  
 steam.....18295  
See also Motors.
- English Jersey Cattle Soc.**  
 16898  
**Enicocephalidae**.....12767  
See also names of  
 genera.
- Ennominae**  
 pupae.....28181  
**Enoicyla**.....8148  
**Empinanga**.....12818  
**Empiferotrips n. g.**.....18176  
**Ente della Colonizzazione**  
**della Libia**...14320,18506  
**Ente di Colonizzazione per**  
**gli Italiani all'Esterio**...  
 19520  
**Ente di Colonizzazione**  
**"Fuglia di Etiopia"**.....14312  
**Ente per il Cotone**  
**dell'Africa Orientale**....  
 13529  
**Entelecara**.....12567  
**Enteritis, diagnosis**.....22240  
 in calves.....16903  
 in cats. See Panleuko-  
 penia, in cats.  
 in cattle.....2461,7298



- Enteritis--Continued.**  
in dogs.....17109  
in swine.....12334, 27830  
See also Colic.
- Enterotoxemia**  
in lambs.....27789
- Entertaining**.....15050, 15053
- Entertainments**.....20412
- Entomologists**.....3094, 17662, 17678, 22908, 27862  
See also names of entomologists.
- Entomology**.....580, 3113, 20562  
Colombia.....25216  
economic.....15308, 17749, 22984  
nomenclature.....3092-3, 3108, 3110, 8151  
South America.....17749  
statistical methods.....22948  
study and teaching.....22949  
technique and equipment.....3104, 3515, 5406, 5411, 17665, 17926, 18046, 25369, 26057, 27852, 27855, 28119  
terminology.....23421  
See also 4-H Clubs, entomology; Insects.
- Entomophthora**.....23313
- Entropion, in sheep**.....3010
- Entyloma**.....6017
- Enzymes**.....3984, 4303, 4417, 8517, 8527, 10071, 10542, 14588, 18511, 19100, 20564, 21024, 25143, 25158  
animal.....22241  
insect.....22905  
plant.....988, 6277, 10621-2, 24245  
See also Amylase; Cholinesterase; Lipase; Lipoxidase; Oxidase; Papain; Peroxidase; Phosphatase; Phosphorylase; Protease; Pyrophosphatase; Thiaminase; Trypsin.
- Eolestes synthetica**.....23545
- Eomenacanthus stramineus**.....368
- Eothaumas n. g.**.....23179
- Ephebra**.....958, 982  
Mexico.....16269
- Ephemerida**  
France.....8155-6  
habits and behavior.....12905  
See also names of families and genera.
- Ephemeroptera. See** Ephemerida.
- Ephesia elutella**.....27924  
parasites and predators of.....8117
- Ephippiger**.....28221
- Ephyridae**  
Indo-Australian region.....17979  
See also names of genera.
- Epiblema**.....12837
- Epicauta**  
North Africa.....3438
- Epicauta adpersa**.....17682
- Epicolinus n. g.**.....18188
- Epidemic tremor. See** Encephalomyelitis, infectious avian.
- Epidiymis**.....22224
- Epigaea repens**.....6462
- Epilachna chrysomelina**.....23170
- Epilachna similis tellinii**.....17942, 23176
- Epilachna varivestis**.....9707, 12692, 20322, 25261  
control.....22918
- Epilobium angustifolium. See** Fireweed.
- Epimedium alpinum**.....10200
- Epiphyllum**.....21483
- Epirochroa**.....7948
- Episcada**.....28182
- Epischnia**.....12837
- Epistrophe**.....7993
- Epitrix**.....12644
- Epitrix cucumeris**.....12436, 12644
- Epitrix hirtipennis**.....23167
- Epitrix tuberis**.....9751
- Epormenis n. n.**.....3507
- Epsom salts. See** Magnesium sulfate.
- Epulis. See** Sarcoma.
- Epyris kiefferi n. sp.**.....8071
- Equine plague. See** Horse sickness, African.
- Equipment**.....3659, 3663, 3670, 3680, 3698, 5760, 8190, 8193, 8201, 8216, 8236, 9562, 12923, 12946, 12961, 12964, 12970, 12973, 15147, 15155, 15158, 18213, 18219, 18235, 18243, 23596, 23609, 23618, 23621, 23693, 28275-8, 28283  
Canada.....18211  
cooperatives.....12976, 12978, 18216, 18242, 18245, 18249, 19681, 23608  
costs and returns.....12948, 14975, 18222, 23603  
credit.....20089, 24632  
demonstrations.....18223  
depreciation.....23626  
designs and specifications.....3688, 9915, 12948, 12955  
directories.....19943  
electric.....179, 443, 5464, 5466-7, 5646, 8186, 9826, 20186, 20189-90, 20354, 23620  
maintenance and repair.....5465, 5469, 8195, 20441  
pests.....28162  
surpluses.....25622  
France.....12942, 12949, 12954, 23594, 23619, 28267, 28282  
Great Britain.....26022  
home-made.....8183  
household maintenance and repair.....334, 20469, 25260  
hydraulic.....23601
- Equipment--Continued.**  
India.....9884, 18212, 20521  
industry.....3677, 12974, 18228, 28273  
Italy.....12963  
labor-saving.....3692-3, 5668, 8208, 9796, 12952, 18229, 20385  
lubrication.....3777, 28270, 28284, 28301  
maintenance and repair.....3666, 3668, 3676, 5349, 8194, 8202, 8206, 9844, 12960, 12962, 12969, 18220, 18231, 18236, 23592, 23598, 23612, 25877, 28265, 28274  
marketing.....3671, 3686  
military.....24601  
New Zealand.....23614  
postwar.....486, 8196, 8203, 12953, 18230  
power.....3762, 9774, 14975, 23588, 25823  
prices.....3677, 15118  
purchase and sale.....23613, 23616  
rental.....9798, 25823, 25877  
situation and outlook.....8211  
standardization.....28268  
statistics.....8212, 12965, 12972, 18250, 20521  
storage.....9844  
surpluses.....12943, 18233  
testing.....18233  
utilization.....18227  
See also Implements; Mechanics; Mechanization; Shops, farm; names of equipment; and under specific subjects.
- Equisetum laevigatum f. proliferum**.....10250
- Eragrostis**.....10190
- Eragrostis abyssinica. See** Teff.
- Eranthis hyemalis**.....16134
- Erax**.....8018
- Erebis ottomana tardenota n. sp.**.....8121
- Eremiaphila**.....28215
- Eremurus**.....21420
- Eretmoceris serius**.....5387, 18052
- Ergosterol**.....25160
- Ergot**.....20585
- India**.....16280  
on grasses.....895  
See also Claviceps purpurea.
- Ergotism**.....16796
- Eria globifera**.....6490
- Eriastrum**.....15374
- Erica**.....10921
- Erigeron affinis**.....12389
- Erigoninae**.....12567
- Eriogonum**.....15378
- Eriophorum**.....10901
- Eriophyes pyri**.....9638
- Eriophyes ribis**.....17868
- Eriophyes sheldoni**.....12562
- Eriophyidae**.....28003  
See also names of genera.
- Erioptera**.....3442, 12693, 28061
- Eriosoma lanigerum**.....810, 23353  
parasites and predators of.....23377
- Eriosoma lanuginosum**.....12754
- Eristalis**.....28075
- Erosion. See** Raindrop erosion; Soil erosion; Wind erosion.
- Erwinia. See** Wetwood, of elm.
- Erwinia amylovora. See** Fireblight, of shrubs; Fireblight, of trees.
- Erwinia nimipressuralis n. sp.**.....20866
- Eryngium**.....10521
- Eryngium alpinum**.....16072
- Eryngium planum**.....10600
- Erysipelas**  
immunization.....16827
- Erysipelas, swine**.....3068, 12343, 12347, 12350, 12353  
control.....3072  
immunization.....7676, 7681, 17638  
tests.....7683  
See also Erysipelothrix rhusiopathiae.
- Erysipelothrix rhusiopathiae**.....27832  
See also Erysipelas, swine.
- Erysiphe cichoracearum. See** Powdery mildew, of cucurbits.
- Erysiphe graminis**.....6100  
See also Powdery mildew, of wheat.
- Erysiphaceae**.....20833  
See also Powdery mildew.
- Erythraea tenuiflora**.....15384
- Erythrina**.....10029
- Erythrina indica**.....15598
- Erythrina micropteryx. See** Coralbean.
- Erythroneura**.....9658, 12768  
control.....12755
- Erythronium albidum**.....745
- Erythroxylaceae**.....15380
- Escherichia coli**.....13383
- Eschscholtzia californica**.....5887
- Escuela Agrícola Panamericana, El Zamorano, Honduras**.....9322
- Escuela Especial de Ingenieros Agrónomos (Spain)**.....28337
- Escuela Superior de Agronomía de Bogotá**.....19593
- Escuela Zootécnica de Ovinocultura de Patagones**.....17591
- Esparto grass**.....10005
- Essential oils**.....1714, 1731, 2151, 8905, 9582, 11096, 13591, 19066, 21023, 22123, 24415  
analysis and composition.....8908, 24412
- Argentina**.....13873
- France**.....19065
- Great Britain**.....24401
- India**.....20522
- Palestine**.....24411
- Spain**.....13850, 19038, 24409, 28939



- Item**  
Essential oils--Continued.  
Western Hemisphere. 24408  
Estación de Estudios de  
Tabaco de Santiponce  
(Spain).....13983  
Estación Genética de  
Cauquenes (Chile)...15741  
Estienne, Charles...14648  
Estrogens.....3003,16910,  
17119,17313,22664,  
27573,27637  
See also names of  
estrogens.  
Etrus. See under names of  
animals.  
Ethelum.....28006  
Ethnobotany.....10003,20633  
Latin America.....10107  
North America.....20626  
Ethyl gallate.....25102  
Ethylene.....1067  
Ethylene chlorhydrin.....  
26462,26485  
Ethylene dichloride. See  
1,2-Dichloroethane.  
Etiella zinckenella. 12845,  
23504,28175,28206  
Euastrum.....20740  
Eubasinum.....7166  
Eubelidae.....28006  
See also names of  
genera.  
Eubria palustris.....12613  
Eucalyptus.....6993,20687,  
20902,21042,27157  
Australia.....20588  
fossil.....26125  
oil.....8909-10  
pests.....7955,28056  
Eucalyptus, lemon....21023  
Eucalyptus bridgesiana....  
20682  
Eucalyptus citriodora. See  
Eucalyptus, lemon.  
Eucalyptus maculata..17836  
Eucalyptus stuartiana.....  
20682  
Euchaetias egle.....23477  
Eucheira socialis.....28190  
Eucheirophaga n. g...28190  
Eucleioidea.....18100  
See also names of fami-  
lies and genera.  
Eucnemididae.....3409  
See also names of  
genera.  
Eucoria.....3518  
Eucryphia glutinosa..21430  
Eufantina n. g.....23226  
Eugaster.....28214  
Eugene (Oreg.) Fruit  
Growers' Assoc.....13252  
Eugenia mato.....5956  
Eugenia pseudo-mato  
n. sp.....5956
- Item**  
Euglena.....5991,26411  
Eulia loxonephes.....18113  
Eulibia n. g.....23146  
Eulophidae.....12796  
See also names of  
genera.  
Eumastacidae.....3618  
See also names of  
genera.  
Eumolpinae.....17938  
Euonymus, European...3524  
Euonymus, European. See  
Euonymus, European.  
Eupatorium purpureum. See  
Joe-pye-weed, blue stem.  
Eupatorium rebaudianum  
n. sp.....20678  
Euphorbia chamaesyce...737  
Euphorbiaceae.....10218,  
15351,15382,26211  
Euphydryas colon bakeri  
n. ab.....8101  
Eupithecia  
larvae.....12840  
Euprepia pudica.....8108  
Euripus consimilis  
consimilis.....18152  
European chafer. See  
Amphimallon majalis.  
European corn borer. See  
Pyrausta nubilalis.  
European earwig. See  
Forficula auricularia.  
European elm scale. See  
Gossyparia spuria.  
European grain moth. See  
Wemapogon granella.  
European red mite. See  
Paratetranychus pilosus.  
Eurota igniventris....3558  
Eurota jorgenseni....3562  
Euryceropsis.....8056  
Eurygaster integriceps....  
15230  
Eurymetopus.....3418  
Eurymetra pauliani n. sp..  
8059  
Euryomma.....8008  
Eurytoma.....23419  
Eurytoma fellis.....17725  
Eusarcus.....28005  
Eusimulium dacotense.23275  
Eutettix tenellus....3515,  
23360  
and plant disease..25264  
Euthanasia.....7146  
Euxanthia.....12837  
Euxoa.....8110  
Euzerconidae.....23129  
See also names of fami-  
lies and genera.  
Everes.....18128  
Evergreen chinkapin,  
giant.....742  
Evergreens....9709,10949,  
20414,20719,21483,26794
- Item**  
Evergreens--Continued.  
pests.....17929  
propagation.....10579  
pruning.....6575  
See also Coniferae.  
Evolution, insect....3465,  
17986,23545  
plant.....5881,10090,  
10093,17986,26138  
See also Species, origin.  
Exanthema, vesicular  
in swine.....19891  
Excelsior.....27201  
Exetastes.....18080  
Exhibits.....20162,25419  
See also Fairs; subhead  
shows and sales under  
names of animals and  
products; and under  
specific subjects.  
Exlineia.....28005  
Exoascus deformans. See  
Leaf curl, of peach.  
Exoprosopa fasciata...3455  
Exoristes.....7999  
Expenditures. See Farmers,  
expenditures.  
Experiment stations.25380,  
25382  
Canada.....5309,9511,  
19859,29491  
directories...14,40,25181  
Italian Africa....14687  
Latin America.....29486  
See also names of  
stations; and U. S.  
Dept. of Agr., Expt.  
Sta., Off. of.  
Explorers, diet.....14519  
Explosives....1925,5600-1,  
11326  
Exports. See Trade; and  
subhead trade under names  
of products.  
Expositions, Spain...29070  
Extension services...15305  
publications.....29436  
Extension work...83,88,96,  
101,109,3698,5088,  
5418,5420,9287,  
10302,14798,14817,  
19569,19586,19589,  
19635,19646,20014,  
20016,20018,20023,  
20032,20034,20048,  
20476,25233,25384-5,  
25388,25391,25396,  
25401-2,25404,25406,  
25409-13,27249  
Alabama.....318  
Arabia.....20476  
Balkan Peninsula...20476  
bibliographies....20426  
Bulgaria.....86  
China.....14439,20476  
Colorado.....19573
- Item**  
Extension work--Continued.  
conferences and con-  
gresses.....318  
cooperative.....520,  
522,14377  
county agents.....5423,  
14382,14816,19567,  
19604,19608  
Delaware.....350  
Europe.....20476  
farmers' week.....25940  
Florida.....9759,15175  
Georgia.....5566  
Great Britain.....20476  
home demonstration...92,  
25383,25390,25398  
India.....20476  
Indiana.....19604  
Kansas.....19608  
Kentucky.....9793  
Korea.....9286  
Latin America.....20476  
Louisiana.....372  
materials and methods...  
14806-7,20033,20037  
Michigan.....14382  
Mississippi.....9803  
Negro.....424,19582,  
20026,20036  
New York (State)...19627  
North Carolina...424,429  
Ohio.....25940  
Pacific Islands....20476  
postwar.....25389  
programs.....20040  
Puerto Rico.....14420,  
14814,15101  
Rhode Island.....446  
South Carolina....20445  
Southern States....25408  
study and teaching.....  
25392,25394,25407  
Texas.....20455  
Wisconsin.....478  
See also Films; 4-B  
Clubs; Graphic methods;  
Motion pictures; U. S.  
Dept. of Agr., Ext.  
Serv.; and names of ex-  
tension services.  
Extension workers.....92,  
103,5424,25392,25407  
directories...107,14797,  
20024,20027  
Eyes  
nutrition diagnosis.....  
14559  
of horses....20543,27516  
of insects...28070,28220  
of pigeons.....17320  
of spiders.....17906  
See also Blindness.  
Eyepot  
of barley.....20851  
of wheat.....20851



- | Item                              | Item                             | Item                         | Item                      |
|-----------------------------------|----------------------------------|------------------------------|---------------------------|
| Fabrics.....5367                  | Farm fishponds. <u>See</u> Fish- | Farmhouses--Continued.       | Farms and farming--       |
| bacteria and fungi..5367          | ponds, farm.                     | Italian East Africa.....     | Continued.                |
| <u>See also</u> Mildewproofing;   | Farm groups. <u>See</u> Communi- | 18321                        | group.....24802           |
| Rotproofing; Textiles;            | ties, group activities.          | maintenance and repair..     | U. S. S. R.....4764       |
| and subhead textiles              | Farm Labor Supply Act,           | 8291,13071,13074,18320       | history                   |
| under specific fibers.            | 1944.....88                      | modernizing.....18327        | Spain.....19426           |
| Fagaceae.....15353                | Farm Labor Supply Program.       | Nebraska.....28349           | India.....4921,9199       |
| Fagara coco.....10613             | 25494                            | Poland.....19507             | Indiana.....14975         |
| Fagarine.....10613                | Farm papers                      | postwar..529, 8296,13076,    | Italy...9188,9201,19808,  |
| Fagus silvatica. <u>See</u>       | bibliographies.....25468         | 25421                        | 25978                     |
| Beech, European.                  | Farm press                       | prefabricated.....3795,      | Jamaica.....25177         |
| Fagus sylvatica pendula...        | Portugal.....5270                | 8289-90,18322                | large-scale               |
| 16048                             | Farm Products Control            | remodeling..18323,18329,     | Argentina...5767,19256    |
| Fair Labor Standards Act          | Act (Canada).....13215           | 23715,28353-5,28359          | Brazil.....19206          |
| of 1938.....25627                 | Farm Radio Forum.....25019       | Southern States....28343     | Canada.....14225          |
| Fairfax County Recreation         | Farm Security Admin. <u>See</u>  | <u>See also</u> Housing; and | Italy.....9202,14230      |
| Assoc.....5109                    | U. S. Dept. of Agr.,             | specific subjects.           | Mozambique                |
| Fairmaire, L., Catalogue          | Farm Security Admin.             | Farms and farming....4914    | directories.....29432     |
| des coléoptères de la             | Farmers...5045,5724,14093,       | 5386,5746,14240,18444        | Latin America.....15308   |
| Région Malgache.....12652         | 19345,20498                      | 23576,25227,25535            | layouts....3791,12920-1,  |
| Fairs.....9297,14387,19624        | Africa.....14437,24936           | abandoned or idle..4913      | 23577                     |
| Canada.....29288                  | Argentina....14111,14290         | Argentina..19368-9,22481     | Poland .....19507         |
| Spain.....29292                   | Canada..5061,25977,29141         | Alaska.....4893              | legislation               |
| <u>See also</u> Exhibits.         | characteristics....24931         | appraisal..5005,5009-10,     | Union of South Africa.    |
| Fakoonum n. g.....28006           | China.....4742                   | 5730                         | 19454                     |
| Fall armyworm. <u>See</u>         | Cuba.....9280                    | Argentina....4701,14250      | Louisiana.....19446       |
| Laphygma frugiperda.              | economic and social              | As an occupation...381,      | management..4904-5,4911,  |
| Fall cankerworm. <u>See</u>       | status.....9592,14290,           | 656,4927,5666,5704,          | 4915,4923-4,4928-9,       |
| Alsophila pometaria.              | 20476,20492,24964,               | 9586,9816,14965,15103,       | 4934-5,4937,5744,5760,    |
| Fall webworm. <u>See</u>          | 29056,29277                      | 15105,19430,19808,           | 9174-5,9177-8,9186,       |
| Hyphantria cunea.                 | Europe.....29205                 | 20012,20370,25784,           | 9189,9198,9207,9631,      |
| Fallowing. <u>See</u> Tillage,    | expenditures..4721,5330,         | 25919,25943,29056            | 14215,14219-20,14228,     |
| fallowing.                        | 14900,19238,24619                | Australia.....9217,29211     | 14242,14259,14264,        |
| False-cypress, Lawson..136        | France.....14109                 | Baltic States.....15117      | 15130,19422,19427,        |
| Falseflax, big seed..26655        | Germany.....4720,19611           | bibliographies.....20474     | 19472,24779,24792,        |
| Families...5074,9683,25452        | 19625-6                          | Brazil..19175,19206,19465    | 24795-8,24806,25395,      |
| Canada..5084,9288,24920           | Great Britain.5063,29138         | Burma.....4921               | 25895-909,29190,29195,    |
| economic and social               | Greece.....24931                 | Canada.....9184,14266,       | 29201,29233               |
| status.....20058-9                | Korea.....29060                  | 19458,24905,26939            | Alabama.....9205          |
| expenditures..4738,9592,          | licences.....29323               | Saskatchewan....19437        | California.....14965      |
| 9609,20394-5                      | Missouri.....9063                | China.....4910,4921,9901     | Canada..4908,4931,4936,   |
| finance.....20042                 | Netherlands.....5063             | costs and returns...115,     | 9208,14254,19473,         |
| food supply..20377,20452          | Palestine.....9291               | 4881,14242,14274-5,          | 29221                     |
| France.....14310,14379            | Panama.....14424                 | 15000,15308,19475,           | Egypt.....14237           |
| Germany.....24961                 | political influence....          | 19478,20201,29227,           | Fiji.....19433            |
| Government aid                    | 9359,19625                       | 29231,29233,29238            | financial.14213,14222,    |
| Canada.....5084,19590             | postwar.....25454                | Argentina..14287,14290       | 19425                     |
| France.....14379,19621,           | programs.....25977               | Australia.....14289          | 19425                     |
| 29282                             | retirement...5056,19258          | Canada.....14277             | French Equatorial         |
| Uruguay.....19274                 | Rhodesia.....29323               | France.....14278             | Africa.....14169          |
| relationships.5086,5650,          | Spain.....29276                  | Great Britain...4748,        | Georgia.....4926,9204     |
| 24964,25932                       | Sweden.....19238                 | 19480                        | Germany...4906,19419,     |
| savings.....20394-5               | Uganda.....24901                 | Illinois..14971,19474,       | 19443,24775               |
| size.....24920                    | Uruguay.....14376,24915          | 20390                        | Great Britain...4894,     |
| statistics.....105                | <u>See also</u> Attitudes,       | Indochina.....14010          | 4896,4918,14215,          |
| welfare.....14822                 | farmer; Credit; Fam-             | Portugal.....4702            | 19428,19456,19467,        |
| <u>See also</u> subhead family    | lies; Income; Invest-            | Sweden.....19492             | 24811,29196               |
| under Cost and standard           | ments; Relief and re-            | Tripolitania....19214        | Guatemala.....9210        |
| of living; Farms and              | habilitation, farmers.           | demonstration.9215,9778,     | Hungary.....19448         |
| farming; 4-H Clubs;               | Farmers Coop. Exch.,             | 19429,24793,24799,           | Illinois..14971,14973,    |
| Income; Labor;                    | Wauneta, Nebr.....25003          | 25842                        | 20390,25820,25826         |
| Nutrition (human).                | Farmers Federation...14455       | Denmark.....4913             | India.....14246,19451,    |
| Famine.....14520                  | Farmers Union Hospital           | Ecuador.....9179             | 24766                     |
| Europe.....13159                  | Assoc.....5078                   | Europe.....29205             | Iowa.....14239            |
| Greece.....9934                   | Farmers Union Jobbing            | family..9088,9182,19436,     | Italy.....19416,19441     |
| India..8373,18405,20516,          | Assoc.....19677                  | 19450,24765,24772            | Kansas.....5495           |
| 24923,25074                       | Farmhouses.....175,8288,         | Argentina.....14232          | Kentucky...20282,24906    |
| Famulari, S.....27303             | 8297-8,13063-4,13075,            | Missouri Valley...643        | Nevada.....267            |
| Fans, electric.....28409          | 18326,18328,18330,28342,         | father and son...14253,      | New Zealand.....9176,     |
| Farm bureaus. <u>See</u> American | 28344,28347,28350-1,             | 15116,20401,25825            | 14257,24807               |
| Farm Bur. Fed.; and names         | 28356-7                          | France.....14222             | Nigeria.....4912          |
| of local farm bureaus.            | Argentina....8300,28352          | Georgia.....24793            | South Dakota....25784     |
| Farm Cadet Victory Corps          | Australia.....13065              | Germany.....4916,19272,      | study and teaching...5756 |
| 36,19669                          | construction.....13078           | 19415,19420-1,19460-3,       | Sweden.....4902           |
| Farm Credit Admin. <u>See</u>     | designs and specifi-             | 19470,19472,24769,           | Tennessee.....9195        |
| U. S. Dept. of Agr.,              | cations.....361,3793,            | 24771,29192                  | Union of South Africa.    |
| Farm Credit Admin.                | 3796-7,8294,13067-9,             | Great Britain..651,4925,     | 19429,24756               |
| Farm Credit Bd. of                | 13077,15152,20044,               | 9200,15137,24790,            |                           |
| Springfield, Mass...24628         | 25939,28345-6                    | 26107,29191                  |                           |
| Farm Credit Clubs....25417        | France.....13072                 | Scotland.....19290           |                           |
|                                   | Germany.....13068,13077          | Wales.....29193              |                           |



- | Item                          | Item                          | Item                       | Item                       |
|-------------------------------|-------------------------------|----------------------------|----------------------------|
| Farms and farming--Continued. | Farms and farming--Continued. | Fauna--Continued.          | Feed--Continued.           |
| management--continued.        | Southern States....20012      | See also Aquatic fauna;    | industry....4148,18264,    |
| U. S. S. R....4932,5141,      | Spain.....24768,24770         | Aquatic insects; Cave      | 22268,24056,28305          |
| 9192,9194,9351,19432,         | statistics.....105,9592       | fauna; Soils, fauna.       | Italy.....7130,11836       |
| 24788,24814,29217             | subsistence....14210,24783    | Feathergrass.....874       | manufacture.....4415       |
| marginal, Germany....24803    | supplies.....13460,23621      | Feathers.....11655,17326   | market reports....25502,   |
| methods....5748,9181,9217,    | surveys                       | See also Pigmentation,     | 25533,25592-3              |
| 14235,19417,19452,            | Newfoundland.....4938         | plumage; Poultry,          | marketing.....4143,4578,   |
| 19455,24782,29218             | tenancy.....1803              | feathering.                | 8404,8593,13460,18651,     |
| Australia.....14265           | Tennessee Valley...21891      | Feathery mottle            | 24049,24057,28658,28660    |
| France.....14252              | Tonga.....29079               | of sweetpotato....26377    | New Zealand.....4142       |
| Germany....24804,24819        | Trinidad.....9190             | Feces                      | nutritive value....2248,   |
| Great Britain....4920,        | types.....114,401,4909,       | analysis.....17040         | 16756,22196,25665          |
| 9196                          | 5760,14248,20502,24781,       | as fertilizer.....27114    | postwar.....13458          |
| India.....9884,19464          | 29183,24197-8                 | Federación Rural (Uruguay) | prices....5538,18644,24052 |
| Italy.....14230               | Arkansas.....20375            | 19692                      | processing.....8592        |
| Mexico.....14236              | Colombia.....24607            | Federal Barge Lines..20227 | programs....24822,28651    |
| Minnesota.....19946           | France.....14218,29080        | Federal Crop Insurance     | Puerto Rico.....8595       |
| Mississippi....401,19213      | Germany.....5741              | Act.....116                | purchase and sale          |
| Morocco.....24777             | Switzerland.....8698          | See also U. S. Dept. of    | programs.....25357         |
| Netherlands.....29203         | Union of South Africa.        | Agr., Fed. Crop Ins.       | quality.....7116           |
| Netherlands Indies.14258      | 24774                         | Corp.                      | rationing.....4144,8594    |
| New Zealand..19449,29211      | U. S. S. R....4793,24812      | Federal Land Bank..19222-3 | regulation and inspec-     |
| North Carolina.....9726       | Union of South Africa...      | Federal Reserve System.    | tion....2283,2732,3902,    |
| North Central States...       | 4933,9215,24818,24791         | See U. S. Fed. Reserve     | 11683,14978,20286,         |
| 20474                         | Uruguay.....24805             | System.                    | 20316,24061-2,25780        |
| North Dakota.....14768        | Utah.....20353                | Federal Seed Act....20146, | relation to                |
| Oklahoma.....9731,29209       | values...4722,9555,9768,      | 24497,14873                | livestock production..     |
| Pacific Islands....24810      | 15140,29256                   | Federal-State Market News  | 2262-4,4140,               |
| part-time...24789,24800,      | Australia.....14265           | Service.....28455          | 22190,25266,               |
| 24946                         | Portugal.....14350            | Federation of Agr.         | 29227,29229                |
| Portugal.....14211            | Winconsin.....14900           | (Canada).....5166          | milk production..2447,     |
| postwar...516,4900,5330,      | Wyoming.....29179             | Federation of Co-op.       | 9656,29226                 |
| 5362,14768,24751,             | See also Accounting;          | (Quebec).....5130          | research.....5775,18647    |
| 25292,25777                   | Agriculture; Assessment;      | Federazione Internazionale | Rhodesia.....12080         |
| Norway.....24750              | Collective farming;           | di Olivicoltura....24433   | situation and outlook..    |
| prices.....302                | Conservation farming;         | Federazione Italiana dei   | 376,4142,4145-6,4455,      |
| Maine.....14983,15020         | Contour farming; Co-          | Consorzi Agrari.9344,9347  | 8597,8599,9114,9792,       |
| purchase and sale...381,      | operation; Diversified        | Feed.....278,24948,27267   | 9814,12195,13461-2,        |
| 5015,5704,5744,9184,          | farming; Dryland farm-        | analysis and composition   | 18904,18642-3,18648-9,     |
| 9216,9701,9768,9816,          | ing; Home-use produc-         | 2284,5775,11836,15728,     | 18655,18657,18883,         |
| 15103,15141,19968,            | tion; Irrigation;             | 16754,16764,23805,         | 20389,20429,24048,         |
| 20374,25919,25931,            | Land, tenure; Mechan-         | 28656                      | 24050,24053-4,24058-9,     |
| 25943,29255,29258,            | ization; Part-time            | as cause of disease....    | 25313,25603,28437,         |
| 29261                         | farming; Pastures;            | 22263                      | 28652,28655,28659,         |
| Argentina.....24891           | Share farming; Shops,         | Australia....4144,16751,   | 28661-3,28961              |
| Portugal.....23906            | farm; State farms;            | 16760,18644,18646,         | storage.4415,8596,18646,   |
| Spain.....24869               | Truck farming and             | 18653,19081,28651,         | 28651                      |
| records...4944,4946,9219,     | names of products.            | 28653                      | substitutes...2442,3055,   |
| 14270-1,15001,15014-          | Farrer, Reginald.....1524     | Canada..2283,8599,16755,   | 11656,11674,13456,16762    |
| 15,19474-5,19477,             | Farrer, William James....     | 16764,18656,28654          | Sweden.....4139,16758      |
| 25781,29222-3                 | 14678,19848                   | Colorado.....22367         | Switzerland.....4149       |
| situation and outlook...      | Farsus.....3409               | conservation..2257,8597,   | trade.....497              |
| 14251,19400,19438             | Fasciation.....15597          | 16751,16760,18653          | transportation....24060,   |
| Maryland.....20292            | Fasciola hepatica             | containers.....18650       | 28651                      |
| size...9819,14771,19952,      | in sheep.....27792            | cooked.....22386           | Union of South Africa ..   |
| 24841,25821                   | Fat (physiology).....5198     | costs and returns..4964,   | 2275,22203,22869           |
| Argentina.....14345           | Fat Salvage Program..5421,    | 24840,28651,29226          | U. S. S. R.....27272       |
| Australia.....14265           | 5477                          | effect on body fat.25738   | vitamins.11664,16754,25790 |
| Brazil.....19175              | Fat solvents, effect          | Fire.....11657             | See also Concentrates      |
| Ecuador.....19178,29081       | on insects.....12744          | equipment.....28651        | (Feed); Forage plants;     |
| France.....29080              | Father and son agreements.    | Europe.....23792           | Grasses; Hammer mills;     |
| India.....9949                | See Farms and farming,        | for poultry.....19093      | Hay; Minerals; Pro-        |
| Korea.....29060               | father and son.               | formulas....22197,22552    | teins; Roughage;           |
| Minnesota.....24618           | Fats. See Oils and fats       | France.....11683           | Silage; Vitamins;          |
| Northern Great Plains.        | Fatty acids.....5231,8892,    | Germany.....24051          | names of feeds and         |
| 14765                         | 19020,19042,24387             | glossaries...2968,11677,   | their components; and      |
| small-scale...4907,9174,      | Faulkner, E. H.....16417      | 12218                      | subhead feeding and        |
| 9176,9178,9197,9203,          | Plowman's Folly...25828       | grading and standardi-     | nutrition under Live-      |
| 14216,14219-20,14256,         | Fauna                         | zation.....28656           | stock, Poultry and         |
| 15317,19422,19442,            | Australia.....695             | Great Britain.....26022    | names of animals.          |
| 19476,24820,26107             | Belgian Congo.....9975        | green.....2734,27285       | Feed grinders. See         |
| Belgium.....14247             | Canada, British               | for cattle.....27393       | Grinding equipment;        |
| Brazil.....19444              | Columbia.....14617            | for poultry....17283,      | Hammer mills.              |
| Great Britain....4897,        | Chile.....14710               | 17297,27599,27660          | Feed Indus. Council.18643, |
| 8484,19480                    | Ecuador.....647               | for rabbits....17496,      | 28652                      |
| Mexico.....24602              | Gt. Britain.....5870          | 17500,27744-5              | Feed mixers.....23677      |
| New Zealand....4930           | Italy.....17672               | for swine..17627,22876     | Feed Wheat Program....5401 |
| Peru.....14261                | Venezuela.....29489           | for turkeys....27586       | Feeders. See Self-feeders. |
| Spain.....4984                |                               | Hungary.....3902           |                            |
| Sweden.....19447              |                               | India..11663,11684,11837   |                            |



- Feet**  
 hygiene.....25861  
 of dogs.....7353  
**Fellmongering.** See **Hides and skins.**  
**Feltis annexa.** See **Feltia subterranea.**  
**Feltia subterranea.**...12805  
**Fence posts.**...146,822,2147, 6994,7045-6,8191, 20409,23575  
**Fences.**...8178,12925,18200, 27075  
   electric.....8170,8179, 23585,23776  
   maintenance and repair... 12913  
**Fennel.**.....16259  
**Fennel oil.**.....13849  
**Fennimore (Wis.) Soil Conserv. Area.**.....14900  
**Fermate.**.....6061,10319  
**Ferme Expérimentale de Normandie (Canada).**...15889  
**Fermentation.**...3877,8465, 8472,25072  
   milk test.....28595  
   See also **Bacteria;**  
   **Enzymes; Yeasts; and**  
   **under names of prod-**  
   **ucts.**  
**Fermentation solubles (feed).**.....2418,2743  
**Fernald, M. L.**.....20646  
**Ferns.**...6678,10462,10644, 14885,20664,26500  
   anatomy and physiology... 15602,20935-6  
   See also **Pteridophyta.**  
**Ferris, G. F.**.....3457  
**Ferrous sulfate.**.....26315  
**Fertilization of plants.**  
   See **Pollination.**  
**Fertilizer spreaders.**..... 9847,12985  
**Fertilizers.**...1811,1833, 1842,1851,1867,1875, 2003-5,2010,2018,5542, 6830,6925-6,9530,9626, 10050,11228,11238,11291, 11394-5,11401,16367, 16393,16525-8,16531, 19800,20603,21766-7, 21930,21934,21940,25719, 25880,26997,27080  
   analysis and composition 11414,20285,20314, 25843,26984  
   application...3,407,1825, 1847,2008,6859-60, 6924,8221,9777,9802, 11243,11397-8,11400, 11402-3,16353,21806-7, 21817,21936,26947, 26984,27079  
   equipment...8221,23635  
   Australia.....21756  
   Brazil.....16529  
   caking.....2011  
   California...21970,27105  
   Canada...11415,11431,27101  
   chemistry.....21700  
   Chile.....18464  
   conferences and con- gresses.....10045  
   consumption...20279,21968  
   cooperatives...2009,15304, 21935  
   court cases.....21932  
**Fertilizers--Continued.**  
   effect  
     on plants...1055,1814, 1877,3501,5543,6777, 6809,6826,10537, 11190,11262,11279, 21750,21792,21819, 21822-3,25788,26467, 26859,26959  
     on soils...1740,2002, 6795,6826,9736,21761, 25788,26979,26982, 26987,207078  
     residual...11229,11258, 11269,11283,21785  
   Florida.....16358  
   France...10059,11421-2, 11426-7,16541,21965  
   Germany.....16386,21971, 21979,21988  
   granulation...11417,11420  
   Great Britain.....26022  
   history.....16524  
   India.....639,10009  
   industry.....6935,11233, 11416,21964  
   Kentucky.....20285  
   legislation.....2007  
   liquid.....2013,21757, 21927,25785  
   marketing.....25792  
   New Zealand.....11393  
   North Carolina.....9723  
   organic...1842,1876,2012, 2031,6811,6928,6953, 11254,11262,11394, 11399,16349,16365, 16392,16525,16528, 16531,21787,21812, 21928,21952,21978, 21983,21991,22008, 26957,27107  
   Northern Ireland...16530, 27104  
   Pennsylvania.....21794  
   policies.....24,11404  
   postwar.....11396  
   prices.....18464  
   programs.....6927,19923, 21937  
   rationing.....2015  
   regulation and inspec- tion.....21929,21938-9, 25780  
   requirements...1774,6759, 6766,11136,11143, 21772,25833  
   seasonal use...21763,21793  
   situation and outlook... 11424,11428-30,11432, 25876,25886,25889  
   sources.....21952,22003  
   Spain.....16534  
   statistics...11423,21966, 21969-70,27101  
   substitutes.....638  
   tests...1838,1848,6808, 9777,9802,11259, 11273,21768,21803, 21823,26980  
   Texas.....25792  
   toddressing.....26951  
   Union of South Africa... 27102-3  
   U. S. S. R..10052,10054, 15299  
   Venezuela.....26094  
   water-holding capacity... 6936  
   West Virginia.....20468  
**Fertilizers--Continued.**  
   See also **Composts; Humus;**  
   **Manures; Minerals;**  
   **Minor elements; Pas-**  
   **tures, fertilizers;**  
   **Waste, as fertilizer;**  
   **names of fertilizers**  
   **and their constituent**  
   **elements; and under**  
   **names of plants.**  
**Fertility.** See **under**  
   **Population; Soils; and**  
   **names of animals.**  
**Fescue.**.....1223,21020  
   as cause of disease.... 27304  
   diseases.....15395  
**Fescue, meadow.** See  
**Festuca elatior.**  
**Festuca elatior.**.....5933  
**Festuca pratensis.** See  
**Festuca elatior.**  
**Festuca rubra rivularis.**... 10220  
**Festulolium.**.....10445  
**Festulolium colini.**...5933  
**Fiber plants.**...10023,25753  
   Colombia.....1178  
   Hungary.....13172  
   Latin America.....10735  
   See also **names of plants.**  
**Fiber separators.**...28299  
**Fiberboard.**...139,7072,11611  
   See also **Boxes fiber-**  
   **board; Containers,**  
   **fiberboard.**  
**Fibers.**...5780,8662,9941, 24121  
   animal.....9941,24138  
   Australia.....14206  
   Brazil.....8647  
   Dominican Republic...8605  
   dyeing.....4230,8665  
   effect of textile  
     auxiliaries.....24072  
   Germany.....28683  
   history.....8648  
   industry.....486  
   Italian Africa....13481  
   Italian East Africa.... 13484  
   moisture.....8661,13521  
   postwar.....13473  
   processing.....8679  
   properties...13533,24113, 24131  
   research.....24066  
   separation  
     equipment.....3709  
   situation and outlook... 4170  
   sources.....13474,18665  
   statistics.....28924  
   subsidies.....14206  
   synthetic...4163-4,4207-8, 4222,4227,4232,8601, 8605,8654,9941,13473, 13490,13511,13518, 13541,14854,18683, 18689,18710,18731, 24066-7,24100,24115, 28683,28712  
   tests.....13516  
   textile...541,2165,8653, 8666,8679,13481,13521, 13527,13533,18678,28710  
   utilization...13474,13498, 13533,18748,24131  
   vegetable.....9941,15732  
**Fibers--Continued.**  
   See also **Containers,**  
   **fiber; and kinds of**  
   **fibers.**  
**Fiberwood.**.....11545  
**Fibroma, in horses.**...7371  
**Fibrovascular bundles.**... 10442,10463-4,15581  
**Ficus.** See **Figs.**  
**Ficus altissima.**...10177  
**Ficus elastica.**.....6565  
**Ficus meroma.**...4623,5924, 16279  
**Ficus religiosa.** See **Bo tree.**  
**Field crops.**...235,1131, 21048,26574  
   Canada.....26573  
   culture...6316,9782,10030, 15278,21054,21733,26571  
   diseases.....10313  
   El Salvador.....21057  
   Ethiopia.....26569  
   fertilizers.....14686  
   France...15751,26565,26567  
   Germany.....21051  
   harvesting.....26573  
   Hawaii.....5569  
   India.....10009,15750, 15757,15758  
   injuries.....823  
   Italian East Africa.... 15759  
   Nyassaland.....26570  
   pests...3162,5707,22922  
   programs.....25878  
   research.....9582  
   rotation with pasture... 1133  
   situation and outlook... 25878  
   Sweden.....1134  
   Union of South Africa... 6317  
   Uruguay.....21055  
   varieties...385,5535,5843  
   yields.....1135  
   See also **4-H Clubs,**  
   **field crops; Rotation**  
   **of crops; and names of**  
   **crops.**  
**Fig, bo-tree.** See  
**Bo tree.**  
**Fig, indiarubber.** See  
**Ficus elastica.**  
**Figs.**...1320,5839,15911,15920  
   dried.....4369  
   drying.....4345  
   preservation.....4350  
   situation and outlook... 14834,24167  
   See also **Ficus.**  
**Filago arvensis.**...15365  
**Filaria.**.....7168  
**Filberts.**...1396,5854,11572  
**Filicales.**.....10243  
**Filing.**.....8207  
**Films.**...82,85,89,102,106, 153,169,5415-17,5419,5423, 9586-7,14740,19901, 20011,20160,20478  
   Canada...14392,14434,19631  
   U. S. Dept. of Agr..... 20120,25454,25464  
   See also **Motion pictures.**  
**Filter-press cake.**...3756  
**Fimbraria angusta.**...10266  
**Finance.**...512,5743,19902, 20042



**Finance--Continued.**  
 Australia.....5719,9055  
 British Commonwealth.512  
 Portugal.....24589  
See also Banks and  
   banking; Credit; Farms  
   and farming, management,  
   financial; Government,  
   finance; Income,  
   management.  
 Finlay, A. W.....5290  
 Fir...930,9608,10532,27203  
   management.....22039  
See also Abies  
   nebrodensis.  
 Fir, balsam.....953  
 Fir, Cascades.....27156  
 Fir, noble.....5461  
 Fir, red.....11563  
 Fir, silver...21031,22047  
   culture.....26563  
 Fire blight  
   of pear.....15520  
   of shrubs.....15539  
   of trees.....15539  
 Fires.....8168,23583,28252  
   brush.....2104  
   control...169,3649,12912,  
     18377  
   effect on  
     soils.....21684,21702  
     vegetation..1231,1234,  
       21689  
   losses.....9716  
   prevention....151,2218,  
     3650,3661,5345,5610,  
     5676,5771,8175,12936,  
     12933,18199,23574,  
     23586,25262,25269,  
     28250,28253,28256  
   Puerto Rico.....12924  
See also Forest fires;  
   Insurance, fire;  
   Ranges, fires.  
 Fireweed.....11070  
 Fish.....29443  
   analysis and composition  
     29039  
   Argentina.....24549  
   as feed  
     for poultry.....7446  
   bacteria.....24568  
   bait.....3636,14959  
   canned..4688,5487,14008,  
     24551  
   regulation and in-  
     spection.....215  
   culture.....9475,14801  
   curing.....29048  
   dried..12640,24568,29039  
   frozen..9028,24564,29039  
   insect food.....3102  
   meal.....4687  
   nutritive value....5233,  
     9985,14592,19788,  
     25157,29400  
   oil  
     vitamins.....25148  
   poisoning of.....12410  
   preservation.4695,24549,  
     24566,29039,29048  
   purchase and sale  
     programs.....25357  
   purchasing.....20229  
   regulation and inspec-  
     tion.....9651  
   spoilage.....14000  
   vitamins.....29416  
See also names of fish.  
 Fish-liver oil..9411,28635

**Fish solubles, condensed**  
 (feed) for poultry..2723,  
   7461  
 Fishponds, farm.5265,5269,  
   14619,19802,29443  
   fertilizers.....20202  
 Fistulous withers....2636,  
   7383  
 Fiziko-Agronomicheskii  
   Institut, Mendeleev,  
   U. S. S. R.....5313  
 Flabellomelyris n. g.12670  
 Flag of the U. S.....5632  
 Flag smut. See Smut, flag.  
 Flamboyant tree. See  
   Royal poinciana.  
 Flat-sedge.....11059  
 Flat-sedge, nutgrass.....  
   21625,21632  
   diseases.....20819  
 Flatheaded apple tree  
   borer. See Chrysobothris  
   femorata.  
 Flatina.....12769  
 Flavanone.....15658  
 Flavimacula inomeae n.  
   sp.....26377  
 Flavin.....28013  
 Flavone.....10630  
 Flavorings....13299,23933,  
   23943,28532,28562  
   synthetic.....8462  
 Flax.4393,6340,13478,21120  
   anatomy and physiology..  
     1016,1042,6237,6284,  
     20996,26435  
   Argentina....4387,4412,  
     26604  
   Australia....4233,15808  
   breeding.....1269,26548  
   Canada...4177,4889,8642,  
     14207  
   Chile...6345,21114,21122  
   culture.....6386,15807,  
     21193,24124,25882  
   diseases.....1043,10301,  
     10357,15432,15468,  
     15489,15530,15555,  
     20760,20838,26357  
   resistance.....15487  
   fertilizers.....11276  
   fiber.....4161  
   Great Britain.....18691  
   harvesting.....24093  
   history.....24126  
   India.....28948  
   industry  
     Canada.....4211  
     Peru.....4217  
   injuries.....1016,20776  
   Italian East Africa.....  
     10729  
   Italy..8673,10727,10791,  
     10796,11188  
   oil plant...10791,10796  
   Peru.....8658,13466  
   pests.....18113  
   pollination.....1180  
   Portugal.....26603  
   prices...4387,4412,13466  
   processing....3761,8612,  
     18698,24093,24124  
   equipment.....3761  
   programs.....4226  
   seed..56,1259,1268,5370,  
     5530,6386,8913,18741,  
     19045,19929,20776,  
     21110,26548,28926  
   agreements.....29335  
   futures.....25364  
   treatment.....6034

**Flax--Continued.**  
 Spain.....28439  
   spinning.....18263  
   straw.....4195,24133  
   subsidies....4889,14207  
   Sweden.....4192  
   Switzerland.....13544  
   U. S. S. R.....9192  
   Uruguay.....4234,21192  
   varieties....1270,6314,  
     21189,26608  
   yarn.....8826  
See also Insurance, flax;  
   Linsed meal; Linseed  
   oil; Linum mysorense.  
 Flea beetles....3398,3425,  
   7920,23178  
See also names of  
   genera.  
 Fleas  
   anatomy and physiology..  
     28232  
   and disease...7728,18182  
   biology.....8147  
   control..76,17680,22968,  
     25862  
   on poultry...7729,23557  
See also Siphonaptera  
   and names of families  
   and genera.  
 Flebotomus.....3440  
   Amazon Valley.....17980  
   and disease..18044,23239  
   Colombia.....23289  
   control.....3461  
   Portugal....23242,23271  
   rearing and breeding....  
     12709  
   Sahara.....8001  
 Flebotomus argentipes....  
   28097  
 Flebotomus panamensis....  
   23288  
 Flebotomus parroti...23290  
 Fleeceflower, Japanese....  
   26612  
 Fleischmann, Wilhelm.20620  
 Flexobacteriales.....26295  
 Flies.....7996,17989  
   and disease.....3481  
   control...227,3462,7736,  
     7994,9658,12427,  
     12456,12708,12740,  
     17975,17990,23245,  
     23258,23278,23307,  
     28062,28066,28087-8  
See also Myiasis; common  
   group names; and names  
   of families and genera.  
 Flight  
   of insects.....18085  
 Flintoft, Joseph, Mosses  
   in the English Lake  
   District.....20636  
 Floods.....23,19427  
   Amazon River Basin..1781  
   Arizona.....27010  
   California.....11335  
   control.641-2,1923,1984,  
     1992,6669,10057,11315,  
     11326,11333,16475,  
     16477,21846,21887,  
     27016,27067  
   California.....11309  
   Canada.....21858  
   Iraq.....1928  
   legislation.....16473  
   Missouri River Basin..  
     643,1924,11352,16470,  
     26096,27036

**Floods--Continued**  
   control--continued.  
     Rio Grande River Basin  
       1948  
     U. S. S. R.....21874  
     Kentucky.....21879  
     Massachusetts.....21845  
     Mexico.....11318-19  
 Floors.....297,3798,3817,  
   20410,28339,28396  
   concrete.....28423  
   finishing. See oils and  
   fats, for floor  
   finishes.  
   prefabricated.....11580  
 Flora.....15269,26168  
   Aleutian Islands...20597  
   Amazon Region.....10158  
   Argentina  
     San Juan.....26162  
   Australia  
     Queensland...728,10180  
   Basque Region.....10144  
   Bolivia  
     Santa Cruz.....15287  
   Brazil.....10163  
   Burma.....15349  
   California.....5348  
     Marin County.....5947  
     Mt. Hamilton Range....  
       26179  
     San Francisco.....5901  
   Canada  
     British Columbia.14617  
     Quebec.....717,723,727  
     St. Lawrence region...  
       725-6,10161,10192  
     Saskatchewan....15273  
   Central America...10169,  
     26207  
   Ceylon.....5911  
   China  
     Hainan.....20708  
   Colorado.....20703  
   Rocky Mountain  
     National Park...20702  
   Costa Rica.....10165  
   Cuba.....10148  
   Ecuador.....5902,10145,  
     26160,26175  
     Loja.....26216  
   Florida.....5906  
   France.....10219  
     Brittany.....10153  
     Nièvre (Dépt.)...10150  
     Paris.....5927  
     southern.....10147  
     southwestern....10157  
   Galapagos Islands.10166,  
     26164  
   Great Britain.....5870  
     England  
       Staffordshire...718,  
       20690  
   Great Smoky Mountains  
     Nat'l. Park, N. C. and  
     Tenn.....713  
   Greenland.....26545  
   Hawaii.....26180  
   Honduras.....10167  
   Illinois.....720,5909  
   India  
     Hyderabad.....20673  
   Iran.....5907,15348  
   Ireland.....618  
   Italy  
     Catania.....26174  
     Susa Valley.....26176  
     Vicenza.....26189  
   Latin America.....10162  
   Lebanon.....10151



- |                            | Item |                            | Item |                            | Item |                          | Item |
|----------------------------|------|----------------------------|------|----------------------------|------|--------------------------|------|
| Flora--Continued.          |      | Flour--Continued.          |      | Fluorine                   |      | Food--Continued.         |      |
| Maine.....711              |      | bleaching.....8792         |      | determination....11661,    |      | distribution..3892,5776, |      |
| Mount Katahdin...5901      |      | chemistry....13679,28842   |      | 20253                      |      | 8410,13213,23825,25660   |      |
| Massachusetts.....15347    |      | consumer preferences....   |      | in animal nutrition.....   |      | dried...3939,3959,13247, |      |
| Mexico...5963,10169,26207  |      | 18876                      |      | 11661,29447                |      | 23799,23878              |      |
| Yucatán.....5981           |      | fortified.159,5228,5245,   |      | in food.....13181,20253    |      | analysis and composi-    |      |
| Michigan.....9685          |      | 8775,8795,9446,9458,       |      | in plants.....29447        |      | tion.....28449           |      |
| Oakland County...10146     |      | 25105                      |      | in soils.....29447         |      | moisture determination   |      |
| Mississippi, Tishomingo    |      | France.....13701           |      | in water.....9753,20253    |      | 3876                     |      |
| State Park.....20681       |      | grading and standardi-     |      | poisoning, in sheep.3018   |      | quality.....13269        |      |
| Nevada                     |      | zation.....8780            |      | poisonous to livestock..   |      | situation and outlook.   |      |
| Clark County.....5929      |      | India.....24277            |      | 16813,17014                |      | 3928                     |      |
| New Caledonia.....10154    |      | nutritive value....5233,   |      | Fluorochemistry.....3874   |      | El Salvador.....28440    |      |
| New Guinea, Papua.10223    |      | 5249,9407,14583,25110      |      | Flumes.....20266           |      | Europe...5177,8367,9041, |      |
| New Mexico, Alamogordo..   |      | packaging.....24298        |      | Fly. See Flies.            |      | 9119-20,9599,13154,      |      |
| 26163                      |      | pests...5339,8117,22972    |      | Foals                      |      | 13166,13168,13274        |      |
| North Polar Region.10164   |      | prepared....13687,28846    |      | care                       |      | 13276,18400,18402,       |      |
| Norway.....10152           |      | processing.....8805        |      | postpartum.....27524       |      | 18404,19371,20067,       |      |
| Ohio.....26169             |      | situation and outlook...   |      | Fodder. See Feed.          |      | 20472,20484,23788,       |      |
| Oregon                     |      | 8788,24293,24306,28812     |      | Fodder Conservation        |      | 23790-1,23793,23796-7,   |      |
| Malheur County...15378     |      | statistics.....28813       |      | Scheme (Australia)..28653  |      | 29063                    |      |
| Pacific Islands.714,758,   |      | storage.....13687          |      | Fog generator.....20251    |      | Far East.....20569       |      |
| 26079                      |      | trade...5399,8780,14894,   |      | Folds. See Pens.           |      | flavor and odor....8414  |      |
| Pennsylvania.....15345     |      | 19994,25272                |      | Foliar diagnosis.....6228, |      | Florida.....15175        |      |
| Peru.....26181             |      | vitamins.5235,5246,14585   |      | 6255,282,11232,15691,      |      | fortified....9389,25130, |      |
| Platy Island.....7692      |      | whole-grain....8779,8805   |      | 26474,26713                |      | 25145                    |      |
| Portugal.....26165         |      | yields.....8803            |      | Folic acid.....17278,17346 |      | France.....13197         |      |
| Scandinavia.....20926      |      | See also Mills and         |      | Food..150,3863,5219,14442, |      | frozen...3944,3959,5574, |      |
| Sicily                     |      | milling; and kinds of      |      | 15308,18395,25352,         |      | 8420,8441,13244,18474,   |      |
| Trapani.....26221          |      | flour.                     |      | 25458-9,25531,25535,       |      | 18479,23865-6,23877,     |      |
| South Africa.....5980      |      | Flour beetles. See         |      | 25538,25585,25586          |      | 23880,23888,23890-3,     |      |
| South America.....5960     |      | Tribolium.                 |      | adulteration..8418,8421,   |      | 23895-6,23799,25226,     |      |
| South Carolina.....748     |      | Flowers..14671,15332,21528 |      | 23804                      |      | 28489,28495,28500,28506  |      |
| Spain.....26066            |      | Alaska.....6488            |      | Africa.....13154,13274     |      | cookery.....15058        |      |
| Spitsbergen.....10152      |      | anatomy and physiology..   |      | agreements.....25267       |      | marketing.....3880,      |      |
| Surinam.....15380          |      | 10643                      |      | analysis and composition   |      | 8395-6,13217,18443,      |      |
| Sweden.....26166           |      | arrangement....625,1402,   |      | 602,3874-5,5236,           |      | 23815,23820,23824        |      |
| Värmland.....26167         |      | 1478,1515,6527,6539,       |      | 8388-90,9437,9986,         |      | nutritive value..5260,   |      |
| Syria.....10151            |      | 6552,10868,10931,16012,    |      | 13185,13187,13194,         |      | 25131,29428              |      |
| Texas.....10025,26207      |      | 16061,21376,21465,         |      | 14541,19758,20566,         |      | packaged.....23842       |      |
| U. S. S. R...20671,26161   |      | 21468,26754                |      | 23805,28445                |      | packaging.....3907,      |      |
| Venezuela...10160,20589,   |      | Canada.....24554           |      | Argentina.....13187        |      | 3911-12,13226,18457,     |      |
| 29489                      |      | color and fragrance....    |      | Australia.....18394        |      | 23837,28478              |      |
| Mérida.....26077           |      | 1428,1437,1491,1537,       |      | bacteria.....25189         |      | postwar.....486          |      |
| Virginia.....719           |      | 1576,1731,6497,6549,       |      | Belgium.....482,9923       |      | prices.....23862         |      |
| Seward Forest.....5908     |      | 6583,10968,16084,21509,    |      | bibliographies.....596     |      | quality.13219,18451-2,   |      |
| West Indies                |      | 21549,26754,26800          |      | Burma.....8374             |      | 23862,28435              |      |
| St. Barthomolew..26084     |      | culture...1409,1546,1558,  |      | Canada...3857,8383,8405,   |      | situation and outlook.   |      |
| West Virginia.....10191    |      | 6569,21472,21510-11,       |      | 9257,18423,18449           |      | 3950,23859,23867,        |      |
| See also Ecology, plant;   |      | 21542                      |      | canned.5365,14951,18418,   |      | 28435,28443              |      |
| Vegetation.                |      | cut.1476,4679,4686,4698,   |      | 23832,28501                |      | storage.....3940         |      |
| Fla. Agr. Col. Ext. Serv.. |      | 6464,6479,6492,10926,      |      | containers.....8422        |      | utilization.....23860    |      |
| 9759                       |      | 10938,16118,21360,         |      | grading and standardi-     |      | gas packing.....18460    |      |
| Fla. Citrus Cannery Coop.. |      | 21381,21453,21523,         |      | zation.....13223           |      | Germany..537,3861,18412, |      |
| 4364,8753,8765             |      | 26495,26803                |      | nutritive value..5254,     |      | 18478,24344              |      |
| Fla. Citrus Comm...18806,  |      | industry.4685,4691,9024,   |      | 9427,9432,19796            |      | grading and standardi-   |      |
| 28793                      |      | 13987,13990,21487,24554    |      | quality.....9848,13221     |      | zation....13220,14939,   |      |
| Fla. Forest and Park Serv. |      | Latin America.....10043    |      | spoilage...3723,9848,      |      | 15187,18455,23836        |      |
| 16715,22170                |      | national.....698,10029     |      | 13246,13250,13268,         |      | Great Britain.4887,8376, |      |
| Florida red scale. See     |      | pests.....12430            |      | 18460,23885                |      | 9169,13151,13179,14156,  |      |
| Chrysomphalus aonidium.    |      | planting...16110,21497,    |      | storage.....328            |      | 18393,19412,23825,       |      |
| Fla. Univ.....15175        |      | 26774,26819                |      | care and handling...3935   |      | 23834,25056              |      |
| Fla. Veg. Com.....13559    |      | quarantine and inspec-     |      | chemistry....5218,20568    |      | Greece.....9934          |      |
| Floridaeae.....6292        |      | tion.....20004             |      | China.....15121,15139      |      | habits..5225-6,5735,9384 |      |
| Florists' Telegraph        |      | seed.....14009             |      | bibliographies...9871      |      | 9388,9399-401,9609,      |      |
| Delivery Assoc.....13990   |      | shows.10904,10943,21397,   |      | Colombia.....23789         |      | 9984,14547,15234,        |      |
| Flotation sulfur paste.... |      | 21467,21475,21550,26747    |      | coloring....13188,28448    |      | 19759-60,25083           |      |
| 20858                      |      | Spain.....24565            |      | compression.....14774      |      | children.....29395       |      |
| Flour...4407,18864,19732,  |      | trade.....5161,29349       |      | conservation.....13213,    |      | Germany.....9980         |      |
| 24305                      |      | varieties....1404,6488,    |      | 15054,20036                |      | Illinois.....29296       |      |
| adulteration.....24277     |      | 6494,6503,21410,25775      |      | consumption...8382,8391,   |      | Hungary.....3895,3902    |      |
| analysis and composition   |      | See also Gardens and       |      | 9648,9927,13201,18421,     |      | India...8369,8379,8381,  |      |
| 4405,4417,8778,8789,       |      | gardening, ornamental;     |      | 18423,23789                |      | 8385,9044,9879,9949,     |      |
| 8791,13183,13670-1,        |      | Wild flowers; and names    |      | Argentina.....28511        |      | 20516,23800              |      |
| 13685,13701,18871,         |      | of flowers.                |      | Portugal.....23809         |      | industry.....3873,8364,  |      |
| 18878,24284                |      | Fluorescence.....13259     |      | Portugal.....23809         |      | 14938,25537,28435        |      |
| Argentina.....28813        |      | in plants.....1047         |      | Portugal.....23809         |      | Italy.....23835          |      |
| baking quality....4405,    |      | Fluorescence microscopy... |      | Portugal.....23809         |      | Kansas.....18415         |      |
| 8778,8785-7,13702,         |      | 16805                      |      | Portugal.....23809         |      | postwar.....486          |      |
| 13708,24270,24278,         |      | Fluorescent substances...  |      | Portugal.....23809         |      | sanitation..8320,23835   |      |
| 24281,24285,24290,         |      | 18047                      |      | Portugal.....23809         |      | Italy...8377,8391,18396  |      |
| 24304,28816,28827          |      |                            |      | Portugal.....23809         |      | Japan.....9047,24608     |      |



- | Item                     | Item                       | Item                       | Item                       |
|--------------------------|----------------------------|----------------------------|----------------------------|
| Food--Continued.         | Food--Continued            | Food plants                | Forage plants--Continued.  |
| Java.....28434           | requirements..9647,20377   | East Africa....682,26131   | tropical.....15822         |
| legislation.....3904     | Australia.....13206        | pests.....3131             | U. S. S. R....26082,26622  |
| marketing.....3862,8405, | India.....9949             | Western Hemisphere..16276  | varieties.....10777        |
| 9520,18409,23817,        | research.....8444,13245,   | wild.....1667,1722,10087   | vitamins.....1102          |
| 23822,26032,28462,       | 19819                      | as feed                    | yields.....10746           |
| 28466-7,28502,28456-7    | situation and outlook...   | for rabbits....12216       | See also Grasses,          |
| Mediterranean Area.9599  | 16,205,3858-9,3866-70,     | for swine.....12324        | forage; Legumes, for-      |
| 20067                    | 4397,4815,5189,5321,       | Food Priority Certificates | age; Silage; Ranges,       |
| Mexico.....5236          | 5472,5486,8365-6,8368,     | 25656                      | vegetation; and names      |
| Middle East.....13811    | 8370-1,8381,8387,          | Food relief programs.....  | of plants.                 |
| Netherlands.....28427    | 13148-9,13157-8,13163,     | 17,23,20193,26060          | Forcibomyia.....12702      |
| Norway.....13169         | 13173-4,13176,14711,       | Foot and mouth disease.... | Forcibomyia fijiensis..... |
| nutritive value...5596,  | 18407,18414,20194-7,       | 16783                      | 23265                      |
| 9392,9412,9437,14537,    | 20531,20534,23788,         | Argentina.....2311,2320,   | Foreign Econ. Admin. See   |
| 19769,20008-9,20181,     | 23794,23798,23801,         | 5393,11705,13808           | U. S. Foreign Econ.        |
| 25097,25536,26061,29406  | 24598,25066,25322,         | control..2311,7153,16858   | Admin.                     |
| bibliographies..14796,   | 25426,25431,25498,         | Chile.....22235            | Foreskin. See Prepuce.     |
| 20237                    | 25645,25653,28430-1,       | history.....2497           | Forest Farmers Assoc.      |
| Orient.....9268          | 28435,28442,29353          | immunization..2302,9958,   | Coop.....27171             |
| packaged.....5681,13228, | Southwestern States.....   | 16832-4,16856,27316,       | Forest Fire Fighters       |
| 23841,28475              | 20608                      | 27318-20,27411             | Serv., Va.....611          |
| packaging.....25614      | Spain.....28438            | in cattle..27428,27432-3   | Forest fires....2102,2105, |
| pests..12458,12640,22974 | spoilage.....8450,13192,   | immunization.....7291,     | 2107,5437,7018,7020,       |
| poisoning...13190,13196, | 28446                      | 11901,22424                | 11536,22083,22086,         |
| 14521,14544,14555,       | statistics.....13176       | Uruguay.....11868          | 22088,27169,27175          |
| 18417,23802-3,28447,     | Argentina.....28511        | in swine.....19891         | Africa.....2104            |
| 28450,28776-7            | Iceland.....28513          | Italy.....27411            | Alabama.....11539          |
| postwar.....13201        | storage.....15038,15040,   | legislation...2311,2320    | Argentina.....2103         |
| prices                   | 18478,25660                | Switzerland.....9958       | Arkansas.....16632         |
| Argentina.....14208      | home.....25962             | therapy.....16863          | Australia.....16633        |
| Belgium.....28484        | pests.....3139,27929       | vaccines...16806,27316,    | California.....27174       |
| Colombia.....13152       | study and teaching.23889   | 27432                      | Canada.....11537           |
| control.....533,15204,   | subsidies.533,4887,9169,   | from horses..27318-20      | control.7017,7019,11541,   |
| 23850                    | 19408-9,19412              | virus.....16832-3          | 14846,22084                |
| Cuba.....8382,28481      | substitutes.....13197      | Foot rot                   | equipment..7023,11540,     |
| El Salvador.....28440    | surpluses.....19910        | in cattle.....7290         | 14840,14844-5,14848,       |
| Portugal.....23845       | Sweden.....13178           | in sheep.....17576,22829   | 16631,18196,20571,22085    |
| processed                | Switzerland...8493,8598    | Forage plants...1203,1208, | danger rating.....27173    |
| home.....14860           | taxation.....19252         | 3834,5520,5846,6346,       | detection.....11535        |
| regulation and in-       | technology...3932,3953,    | 9635,15845,15856,20329,    | economic aspects...22010   |
| spection.....20154       | 23889,26060                | 21171                      | Great Britain.....11538    |
| vitamins.....14569       | trade....497,8383,9257,    | analysis and composition   | Lake States.....25444      |
| processing....3955,5776, | 20073,23811                | 20891,20994                | lookouts.....2108,7024     |
| 5794-801,8440,8447,      | transportation..57,3383,   | anatomy and physiology..   | Oregon.....22087           |
| 13259,18409,18481,23863  | 3897,8271,8403,19730,      | 1197,20994,26496           | prevention....134,2101,    |
| Argentina.....26118      | 25626,25660,26030,28435    | Argentina.....5894,26572   | 2106,2170-2,14842,25440    |
| Costa Rica.....20535     | Tropical Africa....14440   | as cause of disease....    | silvicultural use..16634   |
| Paraguay.....15207       | U. S. S. R....9599,20067   | 27786                      | statistics.....25435       |
| production..406,445,448, | utilization.....8394       | Australia.....1206         | Switzerland...7016,7022,   |
| 1138,3862,9648,18461,    | vacuum packing....18460    | biochemistry...21018-19,   | 7025                       |
| 19402,20073,23789,       | values.....14516           | 26496,27778                | Virginia.....611,11534     |
| 23796,26032              | waste.....14561            | breeding.....26146         | West Virginia.....7021     |
| programs.3860,3872,5729, | See also Allergies,        | Canada.....21018           | See also Revegetation.     |
| 9938,13153,13928,16438,  | Food; Armed forces,        | culture.6375,6381,10766,   | Forest industries....125,  |
| 18399,20036,25660,       | food; Botulism; Can-       | 11312,15754,15858,         | 11474,11483,11572          |
| 25881,26032              | ning and preserving;       | 21183,26082                | Ecuador.....16577          |
| purchase and sale pro-   | Cookery; Dehydration;      | diseases.....6069          | Michigan.....15256         |
| grams.....14939,14941,   | Famine; Freezing of        | fertilizers....1824,6813,  | Minnesota.....27126        |
| 25267,25357              | food; High-frequency       | 10045,11246,11248,         | Sweden.....19293           |
| purchasing...5331,20229, | heating, in food proc-     | 11256,16352,16369,         | Forest insects.....12684,  |
| 23810                    | essing; Lend-lease;        | 16380,16537,21764,21821    | 20560,23188,23444          |
| quality.....13208        | Nutrition (human);         | France.....26619           | control....67,5407,7751,   |
| rationing....5487,13238, | Pools, community;          | Germany...15833,21148-9,   | 12433                      |
| 15204-5,23799            | Preservation of food;      | 21163,21172                | Europe.....9972            |
| France.....11726         | United Nations Conf.       | Great Britain.....9897     | Newfoundland.....3106      |
| Great Britain...8427,    | on Food and Agr.;          | India..10768,20699,22322   | North America.....27874    |
| 13241-2,18393,23856      | U. S. Army, food;          | Italian East Africa....    | Sweden.....23218           |
| Hungary.....3895         | Vitamins; subheads         | 20693-4,21019              | See also names of          |
| Libya.....13231          | under 4-H Clubs; and       | Italian Somaliland.26628   | families and genera.       |
| Sweden.....13178         | names of foods.            | Italy.....20611            | Forest pathology. See      |
| raw.....25155            | Food and Agr. Organization | New Zealand...1248,10553   | Trees, diseases.           |
| regulation and inspec-   | of the United Nations.41,  | Northwestern States..940   | Forest Service. See        |
| tion..3902-4,5487,8391,  | 521,4865,8384,9038,        | nutritive value...7824,    | U. S. Dept. of Agr.,       |
| 8415,9621,13225,14957,   | 14047,14627,14631,         | 7834,12484                 | Forest Serv.               |
| 23834,25493,25575-6,     | 14637-8,25178,25253,       | Palestine.....6373         | Forestry.....20572,25232,  |
| 25739,28468              | 26114,29452                | planting.....1214,1241,    | 27132,27143                |
| as an occupation.20154   | Food Compression Res.      | 10778,21130,21165,21176    | accounting...15250,16612   |
| Great Britain...18454,   | Project.....14774          | seeds...1190,1258,21158,   | Alaska.....25432           |
| 18958                    |                            | 24502-3                    | Argentina...10664,14698,   |
| Middle East.....13811    |                            | Trinidad.....21125         | 22026,24727,27142          |



- | Item                     | Item                       | Item                     | Item                       |
|--------------------------|----------------------------|--------------------------|----------------------------|
| Forestry--Continued.     | Forestry--Continued.       | Forests--Continued.      | Forests--Continued.        |
| as a profession...2062,  | statistics...23903,23906   | in soil conservation.... | protection...15260,20086,  |
| 9989,11515,15090,        | study and teaching.....    | 6900,11315,21897         | 27167-8,27176              |
| 15259,22165,27138        | 2226-7,2229,5436,16721,    | increment and yield....  | recreation.....27245       |
| associations.....11468   | 16723,22167-70,25442,      | 1116,4832,6312,11516,    | regulation...5341,11461,   |
| Australia.....23903      | 27205,27246,27248-50       | 15253,16601,21038,       | 27144                      |
| Canada.....14303,16712,  | Switzerland.....6988       | 22080,26555              | Austria.....22013          |
| 22063,29431              | Tennessee.....11454        | Indiana.....6971         | France.....11455,22019     |
| bibliographies....5279   | terminology.....22096      | influences..1991,2231-2, | Germany.....22011-12       |
| Ceylon.....16713         | Uganda.....16720           | 7105,11630,16444,16725,  | Italy.....22027            |
| Chile.....5877           | U. S. S. R.....1126        | 21855,21867,22171-2,     | resources.....2078,6983,   |
| Colombia.....16572       | Venezuela.....5878         | 27016                    | 11462,11496,11500,27147    |
| cooperative....2048,6963 | Virginia.....11474         | Iowa.....22045           | Rhine Region.....22034     |
| Cuba.....6974,16608      | Wisconsin.....2066         | Italian East Africa....  | situation and outlook...   |
| economic aspects.2045-6, | See also Accidents,        | 11471,16588,22041        | 1,6965,11496               |
| 2056-7,2060-2,6964,      | Forest; 4-H Clubs,         | Italy.....6977,11473,    | soils...6934,9608,11125,   |
| 6995,22028,26062,27133   | forestry; Future           | 11476-7,16583,22047      | 11194,16316,16320          |
| Ecuador.....647          | Farmers of Amer.,          | labor....125,2056,22055  | South America.....6976     |
| Fire.....6982            | forestry; Lumbering;       | Germany.....22056        | South Carolina.....5435    |
| equipment.....20115      | Silviculture.              | Latin America.....10043  | Southern Rhodesia...6986   |
| Europe.....22022         | Forests.5829,11625-6,11463 | Louisiana.....27150      | Southern States....2051,   |
| exhibits.....27243       | administration...11517,    | management.....1,2087-8, | 5329,7049                  |
| Florida.....16715        | 16563-4                    | 2090,2186,5438,6310,     | Southwest Pacific...20110  |
| France.....22020,22059   | Switzerland.....7002       | 6995,7001,11514,15250,   | State....1119,2223,6961,   |
| Germany.....6959,22046   | Aegean Islands....16584    | 16601-2,16612-13,16616,  | 22045                      |
| Great Britain....26107,  | Africa.....6970,11499      | 20604,22057-8,22061,     | statistics.....11499       |
| 27250                    | Alabama.....2063           | 22064-6,22069-70,27138,  | subsidies.....6958         |
| history.....11624        | Alaska.....25432           | 27160                    | Sweden.....21038,24640     |
| Hungary.....11479        | Albania.....22040          | Arkansas.....20287       | Switzerland...6958,6980,   |
| India.....1113           | Alsace.....16591           | Canada....6999,22021,    | 6988,7100,7104,11466       |
| Iowa.....2222            | Argentina....2076,11497-8  | 27141                    | Taiwan.....24579           |
| Italy.11485,11518,22016, | Arkansas.....2071,11475,   | France.....22039,27158   | taxation....16575,19253,   |
| 22024,22062,27146        | 22043                      | Germany....6998,16604,   | 22009-10                   |
| Latin America.....11456  | Australia.....2067,2074,   | 16606,16618,22071        | thinning.....9603,9608,    |
| legislation.....22031    | 16587                      | Great Britain...2064,    | 11513,16605,22068          |
| Alabama.....14249        | Basque Region.....11480    | 11512                    | trails.....14841           |
| Europe.....22022         | Brazil.....11494,27149     | Italy.....608-9,16603,   | Trinidad.....1106          |
| France....11470,22032,   | Burma.....2069,15258       | 16607,16614              | tropical.....16589         |
| 27145                    | Canada.....2045-6,2057,    | Louisiana.....20287      | Tropical Africa....6964    |
| Paraguay...16580,22033   | 2060-1,16565,19378,        | Maryland.....22060       | Turkey.....6975            |
| Switzerland....6967-8    | 27243                      | Mississippi.....20287    | types.....6980,26063       |
| Virginia.....15263       | British Columbia.....      | Pennsylvania.....27255   | U. S. S. R.                |
| Wisconsin...2066,14641   | 15253,27127,27151          | Southern States...16610  | R. S. F. S. R....6972      |
| Maine.....501            | New Brunswick...26555      | Switzerland....11516,    | values.....11465,16573     |
| Maryland.....16717       | Central Pacific...20110    | 11519                    | Virginia.....27154         |
| Mexico.....11493,11517   | Chile...2050,11483,25184   | Tennessee Valley.27159   | West Coast.....11481       |
| Minnesota.....20625      | China.....16582            | Wisconsin.....22097      | Western States....6979     |
| Mona Island.....10666    | classification....16630    | working plans....6996    | wildlife relations..236,   |
| Netherlands East Indies  | Colombia.....2075,2077     | maps....7101,7103,16724  | 11631,16726,27252-8,       |
| bibliographies....671    | Colorado.....6973          | Maryland.....16585       | 27260                      |
| Palestine.....22030      | community....2225,5346,    | mensuration...425,2098-  | Yugoslavia..11489,11501,   |
| policies..11457-8,11467, | 7097,11466,11627-8,        | 2100,9605,16626-9,       | 16598                      |
| 27121                    | 16716,22072,22162,         | 22078-81,25444,27166     |                            |
| Australia.....22014      | 22164,27135                | Mexico.....22035         | See also Ecology,          |
| Brazil....16562,16571    | Connecticut.....2223       | Michigan.....2070        | Forest; Forest in-         |
| Canada.....2053,27122,   | conservation..2047,2055,   | Montana.....15257,27155  | sects; Grazing, forest;    |
| 27125                    | 2059,22025,22029,22032,    | national..126,2224,5437, | Insurance, forest; Re-     |
| Colombia.....2054        | 22041,25436,27134,27140    | 7099,11689,14844-5,      | forestation; Trees;        |
| Great Britain...610,     | credit.....16566           | 14848,16714,16719,       | Wildlife; Woodlands,       |
| 11469,16568              | Cuba.....16561             | 20088,20103              | farm; and names of         |
| India.....2058,15254     | cut-over.....11465         | Alaska.....20093         | forests.                   |
| Mississippi.....16570    | Delaware.....22037         | maps.....135             | Forficula auricularia....  |
| Peru.....11464           | demonstration....26551     | New Zealand.....11502    | 12898-9,23549,28220        |
| Rocky Mountain Region.   | Dominican Republic..6987   | Oregon.....133           | anatomy and physiology..   |
| 22018                    | Ecuador.....11484          | ownership....6967,27130  | 8152                       |
| Southern States..16609   | Eire.....15249             | Pennsylvania.....137     | habits and behavior.....   |
| Uruguay.....11459        | Ethiopia.....11492         | Poland.....6978          | 28219                      |
| Portugal.....23906,24613 | Europe.....6985,11486,     | policies.....22028       | Forficulidae               |
| postwar.....501          | 11495,22036                | Brazil.....22017         | Cameroons.....12902        |
| Great Britain....610     | Finland.....2073           | products.....2151        | See also names of          |
| India.....2058           | France.11491,22042,22044   | Africa.....6970          | genera.                    |
| programs.....2052,14727, | French Colonies....6984    | Argentina.....11498      | Formaldehyde....4558,10622 |
| 27136,27139              | Germany...6989,7026,22120  | Colombia.....26117       | Formalin.....4049,22665    |
| Canada.....27123         | grazing.5004,6355,11689,   | France.....11619         | Formica                    |
| Colombia.....16574       | 11827,16941,27161          | Italy.....16662          | habits and behavior.....   |
| France.....27137         | Great Britain              | research.....25434       | 12788                      |
| Great Britain...27124    | England.....2079,22067     | Sweden.....27205         | Formica fusca.....8002     |
| Idaho.....20277          | Honduras.....11478         | trade.....22023          | Formica pallidefulva       |
| Puerto Rico...1129,25446 | Hungary.....11490          | transportation....538    | schaufussi incerta.23448   |
| research.....7098        | Idaho.....236              | Turkey.....6975          | Formicidae.....23421       |
| Southern States...27129  | illustrations.....14850    | utilization.....5874     | West Africa.....28161      |



- Formicidae--Continued.**  
See also Ants; and names of genera.  
 Formiconus.....12670  
 Fornax.....3409  
 Forssmen's antigen...17185  
 Fossil arthropods....7699  
 Fossil insects...8086,15314  
See also names of families and genera.  
 Fossil plants. See Algae, fossil; Paleobotany.  
 Fossils.....9485  
 Foulbrood.....7823,23044  
 Foulbrood, American...3205, 3212,3254,3265,7805, 12483,12490,12503, 12505,12525,17779-80, 17792,17797,27960, 27969,27974  
   control, Great Britain...23028,23067  
   transmission.....23015  
 Foulbrood, European...27963  
 4-H Clubs.....101,400,441, 5128,5143,14729,14819, 14821,20010,20015,20041, 20045,24998,25014,25391, 25403,25922,29331,29333  
   bread.....15074  
   buildings....13057,23708  
   Canada...9332,14449,24977, 27244,29312,29317,29321  
   canning and preserving... 426,439,457,9761,9763, 9765-6,15076,25924  
   cattle...15073,22452,22459  
   clothing....8817,14819, 20443,24997  
   conferences and con- gresses....14819,29321  
   containers.....14819  
   cookery....359-60,434-6, 9764,20363,20465  
   corn.....25941  
   crafts.....14819  
   dairy...14819,15085,20466  
   demonstrations.....9773  
   dogs.....22531  
   electricity.....13131  
   engineering.....14819  
   entomology.....14819  
   family.....14819  
   field crops.....14819  
   food.....14819  
   food preservation...5588, 5617,5619  
   forestry.....418,14819, 22164,27244  
   furniture.....9799  
   gardens...384,5567,5635, 9786,9813,14819,20403  
   health and safety...427, 5712,14813  
   home management...419,440, 5578,9818,14819  
   land utilization...14819  
   leadership...95-6,20020-2, 25917  
   livestock...22295,22300  
   membership.....14816  
   Missouri.....29320  
   Negroes.....20029  
   nutrition.....14819  
   organization....15082-4  
   phytonathology....14819  
   postwar.....14804,25386  
   poultry.....20364,25937, 25966  
   programs...5426-7,14465, 14819,20028,25405
- 4-H Clubs--Continued.**  
 rabbits.....17517,27755  
 records...420,442,14819, 15088,25937  
 recreation....430,5629, 25935  
 sewing...431-3,5589,15048, 25925-9,25938  
 sheep.....2999,15075  
 soil conservation...14819, 21907  
 statistics.....104,25400  
 sweetpotatoes.....20365  
 swine...437-8,3089,5621, 7654,12365,25893,25920, 27841  
 wartime activities...9327, 9818,15081,25393  
 water conservation...14819  
 wildlife.....9760  
 work management...14819  
 Fowl cholera....2762,2777, 7501,12118  
   control.....12112  
   transmission.....12110  
See also Pasteurella avicida.  
 Fowl paralysis. See Leukosis, in poultry.  
 Fowl pest.....7493,12107, 17309,17340  
   therapy.....12113  
 Fowl plague. See Fowl pest.  
 Fowl pox...2803,2814,7493  
   immunization...2773,2778, 2807,7501,12093,17340, 25855,27638  
   in turkeys.....7471  
   virus.....17325  
 Fowl tick. See Argas miniatus.  
 Fowl typhoid...7474,19976, 22653  
 Foxes....3144,5272,16867, 23104,23123  
 Foxglove.....6717,11002  
 Fragaria. See Strawberries.  
 Fragaria chiloensis...6586  
 France, N. E.....9504  
 Frankliniella fusca...28239  
 Freezing of food...3740, 3942,3946,3957,5778,8446, 15058,20458,23879,25771, 25957,28503,23508  
   bibliographies....25285  
   Canada....23872,28502  
   cooked food.....20270  
   cooperative.....20049  
   costs and returns...24827  
   effect on nutritive value.....3929  
   equipment....3741,3744, 3837-8,8243,8252, 28315  
   history.....23873  
   home...423,3731,3930,3960, 9843,13249,13253,13264, 19886,28499  
   equipment...416,5575, 8334,8339-40,8343, 12995,13013-14,13019, 14980,18277,23640, 23646,28319  
   industry...23870,23882, 23894  
   postwar.....3931  
   preparation.....20425  
   situation and outlook... 3945,3948
- Freezing of food--Continued.**  
See also Locker plants; Refrigeration; and under names of products.  
 Freight rates....63,3884, 14923,18426,18429,20152, 24354,28899  
 Mexico.....28452  
 Uruguay.....18447  
 Fremontia.....6098  
 Fresno, Francois...13552  
 Frey, Georg.....17962  
 Freya lampetiformis n. g., n. sp.....17962  
 Fribourg, Switz.  
 Universitt.....20895  
 Botanisches Institut.... 10040  
 Friends, Society of...8384, 15238,18405  
 Fritillaria meleagris.... 26807  
 Fritillaria pudica...15350  
 Frogs.....14628,17696  
 Frost, J. W.....11530  
 Frost  
   injury to plants....806, 853,3697,6023,6046, 6070,7737,10574,15427, 15434,15449,15941,16429, 20765,20785,20788,21013  
See also Hardiness, in plants.  
 Frozen lands.....20605  
 Frow, R...3228,3298,12524, 27938  
 Fructosan.....1089,10611, 10618,15701  
 Fruit.....626,9996,28746  
   analysis and composition 13186,28755  
   anatomy and physiology.. 15265,26525  
   Argentina....1307,4262, 4274,5894,18850,24159  
   Australia....4317,4357, 18821,18829,18851,18853  
   biennial bearing...21248  
   biochemistry.....26525  
   blanching.....28306  
   Brazil.....15891,20524  
   breeding.....1361  
   California....8696,15169  
   Canada...1299,4270,4319, 10836,18766,18794,26687  
   canned.....28795  
   Australia.....18829  
   India.....13575  
   purchase and sale programs.....14949  
   regulation and inspec- tion.....5487  
   situation and outlook. 18444,28498  
   canning...534,4368,8760, 20116,24248,25946  
   cooperative.....13252  
   home...4356,5415,13646, 13973,15030,15062, 15078,20457  
   labor.....14932  
   Chile.....4358  
   Colombia...1308,1325,18808  
   color.....13601  
   Colorado.....1303  
   conferences and con- gresses.....18758  
   consumption...4306,13613, 25782
- Fruit--Continued.**  
 containers...24200,28774, 28776  
 cooperatives...8727,28762  
 costs and returns...25897, 25905  
 Cuba.....21262,24161  
 culture...1298,1301,1310, 1339,1364,1368,9534, 10844,14746,15900, 15902,15957,15966, 14975,21249,21300, 21309,25216,25241, 26064,26682,26708,26915  
   home raising.....5586, 5716,9762,15079  
 diseases...839,887,3392, 6052,10302,10307,10342, 10379,10606,15519, 15647,17685,20756, 20767,20775,20779, 20790,21757,25484, 26351,26359,26502  
   control...810,819,851, 859,15549  
 Utah.....6163  
 distribution.....24195  
 dried...4346,4363,18828, 24204,28774  
   gas packing.....24235  
   pests.....22957  
   postwar.....14734  
   situation and outlook. 8728  
   Spain.....29355  
   trade.....29355  
   utilization.....18799  
 drying...534,4344,4357-8, 4361-2,5628,24236-7, 28799  
   home.....25765  
 dwarf trees...1290,21308, 26684  
 equipment.....23675  
 espaliers...15959,15967, 15972,15974  
 fertilizers...1821,1865, 11267,11286,11398, 11400,11406,15955, 16348,16351,16357, 16390,16540,20299, 20591,26991  
 Finland.....8736  
 Florida.....8699  
 for processing....1289, 26029  
 France.....13553,13569, 13597,18758  
 freezing...5710,8768,8770, 9529,13622,13645, 13662-3,13665,20049, 20373,24210,24263  
 French Colonies....21260  
 frozen...534,1289,1376, 3742,4365,4376,8744, 8757,15184  
 fumigation.....24265  
 gas packing.....13634-5  
 Germany.....9933  
 grading and standardi- zation...4331,8736,9623  
 Great Britain.....24187  
 Guadeloupe.....15901  
 harvesting....4331,4790  
 Hawaii .....9770  
 Hungary.....13567  
 India...4306,8747,18781, 18783,18790,18813, 24153,24169,24252,28767



- Fruit--Continued.**
- industry.....4274, 4291, 19431, 24633, 29182
  - directories.....24153
  - injuries.....806, 853, 6035, 10315, 10621, 10823, 15416, 20775, 20730
  - Italy.....18759
  - juices and sirups.....8751, 1465, 13551, 13564, 18851, 24180, 24222, 28783
  - canned.....24218
  - frozen.....24213
  - regulation and inspection.....5487
  - legislation.....18804, 20182
  - market reports.....25520, 25529, 25539, 25547, 25556, 25561, 25599
  - marketing.....308, 4252, 4308, 4310, 4317, 4319, 4324, 4327-8, 4790, 8700, 8717, 8725, 9618, 18803-4, 18808, 18813, 20053, 24187, 25501, 25556, 28766-8
  - Maryland.....24149
  - Minnesota.....1338
  - New Zealand.....4331, 4357
  - nutritive value.....9465, 25094, 25132, 25136-7
  - packaged.....23844, 28775
  - packaging.....13612, 13614, 18818
  - packing.....13610, 18819-20
  - Peru.....10821
  - pests.....3128, 3143, 3164, 3423, 3447, 3550, 3592, 7737, 7750, 7901, 8088, 8104, 8111, 9973, 12405, 12646, 12684, 12841, 15647, 17685, 17691, 17878, 17987, 18075, 18106, 20591, 20767, 25484, 27872, 28074
  - Australia.....17700, 17723
  - Bulgaria.....12393
  - India.....7745
  - Northern Ireland.....23396
  - physiology.....1305, 6428
  - planting.....15976, 21250, 26709-10, 26683, 26686
  - pollination.....6288, 12501, 21270
  - Portugal.....1306, 15904, 21253
  - postwar.....1304, 4264, 8682, 8706
  - preharvest drop.....6287, 26498
  - preservation.....4252, 4343, 8745, 8747, 8758, 9666, 13633, 23675, 24252, 24259, 24269
  - home.....43, 13553, 13649
  - study and teaching.....24251
  - preserved, spoilage.....13617, 13620
  - prices.....25520
  - control.....8738-9, 18821, 26029
  - processed.....20229, 24234
  - grading and standardization.....9535
  - processing.....19873, 24222, 24226
  - products.....13186, 28746, 28755
  - programs.....4272
- Fruit--Continued.**
- propagation.....627, 1300, 1349, 1362, 1365, 6433, 10837, 10839, 15899, 21246, 21305
  - pruning.....1313, 1335, 1370, 5645, 6425, 10846, 15905-6, 15955-6, 20591, 25883
  - purchase and sale program.....25357
  - refrigeration.....13634-5, 28763
  - regulation and inspection.....208, 5487, 20004
  - seasonal care.....6409, 15969, 26712
  - seeds.....21285
  - shows and sales.....21226
  - situation and outlook.....4276, 4295, 4298, 8387, 8580, 18778, 20531, 25315-16, 28723, 28753
  - soils.....1808, 6789-90, 11255, 11265, 11286, 20591, 21890, 21919
  - South America.....10820
  - South Dakota.....25782
  - Spain.....25023, 28763
  - spraying and dusting.....275, 375, 453, 814, 859, 3164, 3584, 12828, 17694, 20269, 20591, 21301, 22994, 23003
  - seasonal.....1374
  - statistics.....155, 4382, 5450, 9554, 9556, 9613, 15184, 18850, 18853, 25290, 25505, 25520, 25581, 25608, 28512
  - storage.....534, 3831, 4377, 8755, 9754, 24246
  - diseases and pests.....6032, 8773, 20886
  - home.....25956
  - Switzerland.....1309, 1367, 8685, 8698, 8757, 24165, 28737
  - taxation.....4266
  - thinning.....1363
  - trade.....9770, 19708, 20069, 25023, 26017
  - transportation.....538, 8718, 8724, 13214, 13594, 13597, 13599, 13602, 20147, 28760
  - tropical and subtropical.....1313, 1328, 5850, 6416, 10043, 15938, 18811, 21260
  - U. S. S. R.....26685
  - Utah.....9743
  - utilization.....24035
  - varieties.....1372, 1391, 5843, 6408, 9534, 9743, 10814, 10822, 10841, 10845, 15964, 15977, 21247, 21255
  - Venezuela.....26017
  - vitamins.....9460, 14573, 25107
  - waste.....8715
  - See also Orchard management; and names of fruits.
- Fruit, small. See Berries; Grapes.**
- Fruit Prod. Labs., Lyallpur, India.....24259**
- Fruit-tree leaf roller. See Archips argyrosoila.**
- Frullania cucullata.....20730**
- Frullania riojaneirensis.....20731**
- Frustulia rhomboides var. savonica.....20892**
- Fuchsia.....6498, 21540**
- Fucus chalonii n. sp.....10274**
- Fuel oils.....23705, 23769**
- Fuels.....13038-9, 13037, 28323**
- sources.....23680, 23683-9, 28322**
- See also Tractors, fuel; and names of fuels.**
- Fulciaceae.....17951**
- See also names of genera.**
- Fulciaceae violaceus.....17952**
- Fulgoroidea.....3507**
- South America.....3508**
- See also names of families and genera.**
- Full Employment Act of 1945.....25387**
- Fuller rose weevil. See Pantomorus godmani.**
- Fumigants.....12428, 27865**
- Fumigation**
- injury to plants.....829
  - technique and equipment.....17732, 22932, 22964, 25369
  - tests.....22948
  - See also Disinfection, in insect control; Soils, sanitation; names of fumigants; and under specific subjects.
- Fundação Brasil Central.....15127**
- Fundella.....3585**
- Fungi.....707, 6015, 10110, 10118, 15283, 15324, 15482, 20747**
- anatomy and physiology.....1051, 6267, 10486, 10550, 15572
  - antibacterial.....692, 10122, 10130, 15322, 15702, 15730, 26540
  - Appalachian Region.....20747
  - Basque Region.....10283
  - biochemistry.....1104, 21024
  - Brazil.....15406
  - Chile.....802
  - culture media.....6224
  - edible.....10079
  - entomogenous.....10286, 23313, 26276, 27855
  - heredity.....15604, 26127
  - in soils.....1766, 1773, 5842, 6765, 6922, 15517, 20829, 21717
  - India.....20742, 26288, 26328
  - Italy.....10079
  - nomenclature.....15318, 15334
  - Palestine.....15404
  - parasitic.....960
  - on plants.....1039, 26335
  - pathogenic
  - to livestock.....15220, 15982
  - to plants.....870, 6123, 7730, 15460, 20845, 26359
  - poisonous.....1105, 2490
  - spores.....6097, 6224
  - technique and equipment.....978
  - terminology.....5885
  - Wisconsin.....20744
  - wood-destroying.....10375, 26328
- Fungi--Continued.**
- See also Fungicides; Growth substances for plants; Molds; Mushrooms; Mycology; Vitamins, effect on fungi; and names of fungi, fungicides, fungus diseases, and host plants.**
- Fungicides.....79, 835, 10304, 10328, 10362, 12401, 15415, 15447, 15466, 15495, 15514, 17715, 19800, 20790, 20824, 20849, 23000, 26313, 27373**
- analysis and composition.....10308**
- effect on plants.....6222, 26352**
- legislation.....22970**
- organic.....863, 6047**
- regulation and inspection.....3151**
- situation and outlook.....3140, 22993**
- tests.....830, 843, 6045, 6049, 6056, 10312, 20757, 26308, 26325, 26331, 26344**
- See also names of fungicides.**
- Furfural.....27200**
- Furnaces.....5442, 28297**
- Furniture.....447, 5444, 16681, 20044, 22133, 22157, 25930, 27220**
- maintenance and repair.....5657, 25933-4**
- manufacture.....2184, 16682, 27219**
- See also 4-H Clubs, furniture; Upholstering; and kinds of furniture.**
- Furs.....18972**
- Canada.....9926, 19174
  - from sheepskin.....8615
  - Karakul sheep.....4433, 12245, 12250, 12303, 17543, 18736
  - rabbit.....12303, 17515, 24370, 24379, 27750
- Fusarium.....799, 801, 10372, 20817, 21024**
- biochemistry.....10071
  - ear rot
  - of corn.....25712
  - on conifers.....6135
  - on cotton.....10366
  - on sweet potato.....15477
  - rot, of potato.....6031, 10343
  - yellow, of bean.....15488
  - See also names of diseases and host plants.
- Fusarium oxysporum f. conglutinans. See Yellow, of cabbage.**
- Fusarium oxysporum f. lini. See Wilt, of flax.**
- Fusarium oxysporum f. lycopersici.....864**
- Fusarium sambucinum**
- on cucurbit.....15526
- Fusarium apii**
- on celery.....10334
- Fusarium coeruleum**
- on potato.....15483
- Fusarium lini**
- on flax.....15432



- Fusarium** *martii* pisi. See  
Root rot, of pea.  
*orthoceras*  
on strawberry.....26342  
*vasinfectum*. See  
Wilt, of cotton.  
Future Farmers of Amer....  
5115, 5138, 9345, 15844,  
24943, 24976, 24991, 24999,  
26645, 29278  
cattle.....22356, 22459  
forestry.....22170  
livestock....3080, 22295,  
22301  
poultry.....5075  
sheep.....2999  
swine.....12365, 22892  
Future trading.....5402,  
9568-9, 9939, 14878, 19995  
See also subhead  
Futures under names  
of commodities.  
*Galactopharitis*  
in cattle.....11887  
Galactose.....28606, 28647  
*Galerucella xanthomelaena*.  
7922, 12617, 23145  
*Galesus*.....23428  
*Galium*.....10223  
*Galium pumilum*.....26240  
Gall insects...8083, 12384,  
23225  
See also names of  
families and genera.  
Gall sickness. See  
*Anaplasmosis*  
*Galleria mellonella*..3301,  
12508, 28211  
Galls, plant.878, 911, 6085,  
10535, 17681  
See also Crown gall.  
Gallstones. See Calculi,  
biliary.  
Game.....126, 12718  
cooking.....20563  
See also Wildlife.  
Games.....5691  
Gamma rays  
effect on plants...20990  
Gammexane. See 1, 2, 3, 4, 5,  
6 Hexachlorocyclohexane.  
Gangrene, gas  
in cattle.....7246  
*Ganoderma*. See Root rot,  
of citrus.  
Gape worm. See *Syngamus*  
*trachea*.  
Garbage, as feed.....12077  
for ducks.....17302  
for poultry.....22633  
Garcia.....26206  
Garden Club for the  
Blind, England.....6400  
Garden pools.....21353  
*Gardenia*.....6506, 21429  
varieties.....16155  
Gardens and gardening.....  
89, 614, 616, 1297, 5840,  
5860, 6554, 15271, 15290,  
21227, 25234, 26670, 26672  
Argentina.....19815  
as an occupation..21230,  
26671, 26674, 26677,  
26679-80  
Australia.....20601  
China.....1427, 11254  
Cuba.....6618  
diseases.....7739  
equipment.....8214  
Florida.....21241  
Gardens and gardening--  
Continued.  
for the blind..3670, 6400  
France.....10957, 26825  
Germany.....21228, 21240,  
21596  
Great Britain..4284, 6526,  
15892, 20576  
Guatemala.....6574  
history.....1291  
irrigation....1898, 1910  
Maryland.....10996, 16159  
Mexico.....21467  
Morocco.....10935  
Mozambique...10914, 16047  
municipal.....18774  
ornamental....1479, 1491,  
1508, 1523, 1570, 5836,  
10947, 16010  
pests....3125, 3135, 3183,  
3532, 7713, 7723, 7739,  
7755, 7761, 10305, 12397,  
15437, 15454, 20369,  
22938, 22987, 25952, 27901  
planting.....1295  
public.....26759  
school and community....  
15317, 21239, 29298  
seasonal..10879, 16128-9,  
21754  
soils...1806, 1885, 21722,  
27076  
Spain.....21358  
spraying and dusting....  
17684, 22960  
Switzerland.....16075  
Tibet.....1427  
victory..347, 352, 372, 630,  
826, 1601, 1703, 1898,  
5607, 5861, 6445, 6621,  
6624, 6651, 9804-5, 11009,  
15294, 16178, 16229,  
20382, 21492, 21571,  
25952, 25960  
bibliographies...9611  
watering.....11313  
See also Botanic gar-  
dens; Clubs, garden;  
Flowers; Fruit; Land-  
scape gardening;  
Memorial plantings;  
Ornamental plants;  
Rock gardens; Roof  
gardening; Soilless  
culture; Truck farm-  
ing; Vegetables.  
Garfield Park Conserv-  
atory, Chicago.....26759  
Garlic..118, 378, 4378, 6198,  
6873, 8712, 21560, 26884,  
28765  
pests.....27888  
Garner, Robert, Natural  
History of the Country  
of Staffordshire.....718  
Gas engines. See Engines,  
gas.  
Gas packing. See under  
Food; Fruit; Fruit,  
dried; Vegetables,  
dried.  
Gas producers.....18292-3,  
22159, 23684, 23687, 28320  
See also Charcoal.  
Gasoline.....5345, 23702  
Gasparini, Iacopo....19850  
*Gasteria caespitosa*..10877  
*Gasterophilus*..3456, 12728,  
23304  
*Gasterophilus nasalis*....  
12705  
Gastritis, in cattle..2494  
Gastroenteritis  
in swine.....12340  
*Gastropacha quercifolia*...  
28187  
Gastrothrips.....18176  
Gauchos.....29293  
Gay, Claudio.....690, 5289  
Gayfeather, Kansas. See  
*Liatris pycnostachya*.  
Gazogenes. See Gas  
producers.  
Geaya n. g.....8066  
Geese..555, 2854, 2927, 7535,  
17396, 17417  
breeds and breeding....  
12048, 22604  
care.....7545, 27667  
feeding and nutrition...  
2736, 7465, 17298, 22636  
Spain .....26037  
See also Feed; and  
names of feeds and of  
anatomical parts,  
diseases, parasites,  
and products.  
*Geijskesia brevigaster*  
n. g., n. sp.....28083  
Gelatin.....12417  
Gelechias.....12837  
*Gelidium cartilagineum*...  
16265  
Gelsi Bidard, Adolfo..19258  
Gemüsebau A.-G. (Täger-  
wilen, Switzerland)..16201  
General Livestock  
Breeders' Soc.....2237  
Genes...19810, 26437, 26451,  
26458  
animal.....17473  
insect..3479, 7990, 17986,  
18007, 23232, 23260, 28070  
plant.....744, 965, 975,  
986-7, 6217, 10501, 15617,  
20954  
poultry.....12051  
Genetics.....25190, 26099  
insect..3566, 22903, 23306  
plant.....980, 989, 5841,  
10112, 10500, 10502,  
10506, 14640, 20944,  
21030, 26450, 29504  
U. S. S. R.....9494  
See also Chromosomes;  
Genes; Heterosis; Link-  
age; Meiosis; Mitosis;  
Mutation; Polyploidiz-  
ing agents; and subheads  
genetics and heredity  
under names of animals,  
insects, and plants.  
Gentian..16114, 16271, 21450  
*Gentiana linearis*....15350  
*Gentiana lutea*.....10554  
*Gentiana quinquefolia*..731  
Geography.....4856, 5000  
Dominican Republic..9132  
economic  
India.....26108  
India.....19872  
Libya .....24592  
Geology.....10063  
France.....11213, 14622  
Geometridae.....18129  
See also names of  
genera.  
Geophysics.....16505  
Geopolitics.....5879  
Ga. Agr. Expt. Sta...16397  
Ga. Inst. of Genetics....  
10504  
Ga. Univ. Col. of Agr..5051  
Geotropism.....12763  
*Geotrupes pyrenaicus*  
*splendens lombardii* n.  
ab.....23165  
Geranium..6562, 10395, 10917  
culture.....5501  
*Geranium argenteum*...26214  
*Geranium nepalense*....5950  
*Gerardia acuta*.....15350  
Gerber Test....13380, 23993  
*Gerbera jamesoni*....20307,  
26812  
Germain, Louis.....14576  
German cockroach. See  
*Blattella germanica*.  
Germanin.....2647  
Germanium, effect on  
animals.....25191  
plants.....25191  
Germany, Biologische  
Reichsanstalt für Land-  
und Forstwirtschaft..5278  
Gerridae.....3505  
See also names of  
genera.  
*Gertschia n. g.*.....28002  
Gesarol. See DDT.  
Gesneriaceae.....760  
Ghee..13363-4, 13418, 23983,  
24005  
vitamins.....19787  
Ghosis (Indian caste)....  
13723  
Ghost moths. See  
Hepialidae.  
Giant arum, whitespot....  
16212  
Giant reed.....19160  
*Giardia canis*.....17109  
*Gilia dichotoma*.....5935  
Gillenia.....6529  
*Gillenia trifoliata*..16059  
Ginger.....18534, 26871  
culture.....11097  
Ginkgo.....6467  
*Ginkgo biloba*..10461, 10609,  
10633, 26431  
Ginseng.....1724, 21557  
Gizzard erosion  
in poultry.....27622  
*Gladiolus*....10868, 10886,  
10904, 16131, 21550, 24552  
breeding....10882, 11005  
culture..1529, 1545, 1564,  
6483, 6523, 6573  
diseases...812, 900, 6143,  
10310-11  
New Zealand.....10993  
pests.....8150  
soils.....11220  
varieties....6581, 10866,  
10907, 10925, 21366,  
21397, 21442  
Gladiolus thrips. See  
*Taeniothrips simplex*.  
*Gladiolus watsonius*....750  
Glands, of insects...23204  
*Glandularia hookeriana*  
n. sp.....5932  
Glass.....28424  
See also Containers,  
glass.  
Glass-rod cutter....11713  
Glaucium.....1481  
Glaucanite.....21943  
Gleicheniaceae.....26250  
Glenea.....17935  
*Glennia n. g.*.....7909  
Gliders, wood.....11577  
Gliotoxin.....10615, 26543



- Item  
 Globe Milling Co.....24276  
 Globicornis nigripes...3383  
 Globucid.....7166  
 Gloeocantharellus.....15408  
 Gloeosporium  
   on cherry.....6111  
 Gloeosporium fructigena.  
   See Glomerella cingulata.  
 Gloeosporium nicotiana.  
   See Anthracnose, of  
   tobacco.  
 Gloeosporium perennans.  
   See Canker, perennial,  
   of apple.  
 Gloeotrichia raciborskii..  
   26335  
 Glomerella cingulata.10564  
   on cherry.....20843  
 Glomerularia lonicerae....  
   26343  
 Glomosporium amaranthi n.  
   sp.....6002  
 Gloriosa superba.....6234  
 Glorybind. See Bindweed.  
 Glossina.....3469  
   anatomy and physiology..  
     7983  
   and disease..8013,12719,  
     17472,23262,23298  
   control.....23279  
 Glossina austeni.....8014  
 Glossina morsitans...12718  
   Bechuanaland.....15231  
 Glossina palpalis  
   and disease..28067,28076  
 Glossonotus crataegi.12783  
 Glottidium vesicarium.  
   See Bagwood.  
 Gloxinia.....16067  
   See also Sinningia.  
 Gloxinia, common. See  
   Sinningia speciosa.  
 Glucides.....21020  
 Glucose.....13965,27405,  
   28606,28647  
   therapeutic use.....22223  
 Glue.....2166,16663,22138,  
   27205,27236  
   bibliographies.....14843  
   See also Melanic glue.  
 Gluten.....6742,8777,8813,  
   13685,20543,24309  
 Glycerides.19072,24416-17,  
   26547  
 Glycerine.....13228  
 Glycerol.....19020  
 Glycine.....4531  
 Glycogen.....7609,28089  
 Glycosides.....15713  
 Glycophagus destructor....  
   23134  
 Glyptoteryx fischeriella.  
   12820  
 Glyphocassis.....17937  
 Glyptonyx.....28035  
 Gnaphosa.....23131  
 Gnetum scandens (Roxb.),  
   oil.....28958  
 Gnomonia veneta. See  
   Anthracnose, of oak;  
   Anthracnose, of sycamore.  
 Gnophomyia.....3441  
 Gnorimoschema oboeruclella  
   3559,9580,18101,23423,  
   23447,27852  
   control.....12834,23451,  
     28202  
   France.....18138  
 Goats.....556,3022,12280,  
   12283-4  
   Albania.....27773  
 Goats--Continued.  
   anatomy and physiology..  
     17550  
   anomalies.....3014  
   Arkansas.....18526  
   associations.....12293  
   breeds and breeding.....  
     2987,2991,2993,7619,  
     12235,12237,12248,  
     22804,22809,22812,27803  
   Alpine.....27803  
   Angora....12234,12251,  
     27773,28924  
   Nubian.....27803  
   Saanen.....2989,27803  
   Toggenburg.....27803  
   British.....12243  
   Canada.....27803  
   care.....3006,3031,7647,  
     12252,12279,12281,  
     12242,12297-8,12301,  
     12304,22349  
   culling.....2993  
   directories.....27803  
   diseases.....3005,7631-2,  
     12263,17557  
   estrus.....17537,17557  
   farms and ranches..3023,  
     7646,27803  
   feeding and nutrition...  
     12252,12255,27776  
   pasture and range.....  
     10772  
   fertility.....7627  
   France.....12285  
   Great Britain.....12286,  
     12298  
   heredity.....7621,12236  
   history.....12251,12278  
   home raising.....27800  
   India..17553,17583,22809  
   industry.....13739,18922  
   lactation....3003,22406  
   marketing.....28907  
   milk production...3030,  
     12288,22849,27803  
   effect of breeding....  
     7625  
   seasonal.....17595  
   parasites.....5357,12263  
   parturition..7643,17558  
   Peru.....27801  
   poisoning.....27786  
   records and testing....  
     12294,17593  
   shows and sales...12291,  
     12296  
   Spain.....22848  
   surgery.....17550  
   Switzerland...7650,8507,  
     12235,12305  
   transportation....27803  
   weight and measurement..  
     17583  
   See also Artificial  
   insemination; Butter,  
   goats-milk; Chevron;  
   Feed; Hides and skins,  
   goat; Milk, goats; and  
   names of feeds and of  
   anatomical parts,  
   diseases, parasites,  
   and products.  
 Godronia.....6010  
 Goiter  
   in cattle.....27422  
   in lambs.....17574  
   See also Thyroid.  
 Goldenrod  
   pests.....22954  
   rubber.....24486  
 Goldenrod--Continued.  
   See also Solidago.  
 Gomes, A. L.....28011  
 Gomphus.....28242  
 Gonadotropins..17537,27785  
 Gonioterus acutellatus....  
   7955  
 Gonomyia.....3442,17968-9,  
   28061  
 Gooseberries...1387,10035,  
   14793  
   culture.....5612,25970  
   diseases.905,25758,26355  
   equipment.....23629  
   harvesting.....23529  
   history.....15980  
   propagation.....26718  
   pruning.....21314  
   regulation and inspec-  
   tion.....5487  
 Gooseberry, Sierra...6105  
 Gonhers...5280,15464,20803  
 Gorse, as feed  
   for sheep.....22821  
 Gossyparia spuria...25871  
 Gossypium.....5951  
   See also Cotton.  
 Gossypium barbadense. See  
   Cotton, sea-island.  
 Gossypium hirsutum. See  
   Cotton, upland.  
 Gossypol.....19036  
 Gourds.....9583,18133  
 Government  
   administration....19803  
   agencies.....5043,29438  
   aid to agriculture...47,  
     4732,9881,10075,14143,  
     19179,19349,20482  
   Angola.....14092  
   Argentina.....24732  
   Belgian Congo...14100  
   Colombia.....5791  
   France....14136,14180,  
     14325,24615  
   Great Britain...19294,  
     19799  
   Italian Africa..14158  
   Tripoli.....14190  
   corporations.....20623  
   finance.....9881,19382,  
     19951,24620  
   grants-in-aid....20482  
   local.....500,5111  
   China.....24578  
   Colombia.....24607  
   Great Britain...5053,  
     9876,14430  
   personnel....12,149,170,  
     25274,25479  
   training.....25480  
   publications...649,29436  
   services.....514  
   Brazil.....4828  
   Hungary.....4837  
   See also Credit; Fami-  
   lies, Government aid;  
   Policies and programs;  
   Political organiza-  
   tion; Postwar planning;  
   Public works; Subsi-  
   dies; and names of  
   commodities and  
   Government agencies.  
 Government Corp. Control  
   Act.....111  
 Government Inst. for the  
   Sons of the Revolution,  
   Nanking.....27348  
 Government of India Plan..  
   7193  
 Grading and standardi-  
   zation...5776,8416,14877,  
   26121,28470-1  
   Argentina.....18453  
   France.....8419  
   See also Labeling; and  
   under names of prod-  
   ucts.  
 Graft-hybrids. See  
   Chimeras.  
 Grafting. See subhead  
   propagation under Fruit,  
   Plants, and names of  
   plants.  
 Grain  
   analysis and composition  
     8793,13184,13706,13709,  
     18858,18860,18868  
   anatomy and physiology..  
     6222,6237,26494,26481,  
     26508  
   Argentina....4412,10689,  
     13668,13674,13714,  
     15760,18857,24310,  
     26572,28217-19,28821,  
     28824-5,28828-9,28832,  
     28844-5  
   as cause of disease.....  
     16843,22231  
   as feed..1162,2420,2451,  
     18883,19933,24055  
   for cattle..7227,16960  
   for poultry....12096,  
     22643,22652,27594  
   for swine.....27824  
   Australia.....10714  
   breeding.....6338,10691,  
     15616,21100  
   byproducts.....18858  
   Canada..4384,24295,25221  
   chemistry....24295,28836  
   cleaning  
     equipment.....8224,  
       28310-11  
   consumption.....9984  
   containers.....28847  
   cooperatives..4396,24290  
   costs and returns..25896  
   culture.....1162,10674,  
     15754,21618  
   diseases.....6093,6321,  
     10368,20764,20826  
   Arizona.....15433  
   Arkansas.....831,15435  
   control.....20782  
   Delaware.....20778  
   Iowa.....6084  
   Kansas....15446,20772,  
     20783  
   Kentucky.....20773  
   Maryland.....20778  
   Minnesota.....20796  
   Missouri....6027,15419  
   Nebraska...15456,20792  
   Oklahoma.....6053  
   South Dakota...10301,  
     20760,20796  
   Texas.....6018,15413  
   Wisconsin.....20768  
   drying.....3713,18276  
   Ethiopia.....10721  
   Europe.....23792  
   fertilizers...461,6835,  
     10053,11243,16337,  
     16377,16382,16402,  
     20439,21759,21764,  
     25847-48,26974,26977  
   France.....21061  
   fumigation.....25133  
   futures....25362,28817,  
     28832



- Grain--Continued.**  
 Germany.....24506  
 grading and standardization.....28821  
 grazing.....7224,15837,27273  
 Great Britain.....9897,26022  
 Great Plains.....5428  
 harvesting.....8225,15774,18268  
 equipment.....9920,23650  
 history.....4399,13713  
 Hungary.....13704  
 India.....28841  
 injuries.....20754,20791  
 Italian Africa.....13203,21106  
 Italian East Africa.....13476,18462  
 Italy.....18889,20611  
 malted.....5487  
 market reports.....25502,25511,25591,25593,4  
 marketing.....24240,26022,28817,28824,28828  
 Netherlands East Indies.....13716  
 Northeastern States.....8808  
 nutritive value.....2754,5251,9984,14600,15236  
 Oregon.....5667  
 pests.....587,17942,18054,20368,23155,23385,23400,25133,25679  
 planting.....1159,6320,15777  
 poisonous to livestock.....11704,11741  
 postwar.....28844  
 preservation.....28848  
 prices.....18857,24055  
 processing.....13707  
 equipment.....13036  
 products  
 analysis and composition.....15161,28822,28838  
 packaged.....8784  
 vitamins.....9424  
 purchase and sale programs.....25357  
 rationing.....28841  
 regulation and inspection.....14868,18863,24302,28819,28830  
 seeds.....8956,8962,18888,21059,24492  
 treatment.....15426,18861,21086,24506,25949,26305,26587  
 situation and outlook.....5773,19933,24311,28849  
 sprouted.....14560  
 as feed  
 for poultry.....27589,27601  
 statistics.....4384,5667,5773,18862,25329,28814  
 storage.....3713,8783,8818,18887,24506,28396  
 diseases and pests.....3173,22921,22949,22986,27865  
 storage committees  
 directories.....20533  
 Sweden.....21059-60  
 trade.....28829  
 transportation.....538,8817,24310  
 Union of South Africa.....6322,28830  
 U. S. S. R.....6328,10068,15616,15777,21104,24670  
 utilization.....4400,18890
- Item**
- Grain--Continued.**  
 varieties.....294,1153,6314,9741,10714,15793,21077,21096  
 vitamins.....25133  
 waste, as feed.....22646  
 yields.....294,26977  
 See also Breakfast foods:  
 Brewers' and distillers' byproducts; Elevators, grain; Granaries; Mills and milling; Moisture meters; Stacks; and names of grains.  
 Grain driers.....18276  
 Grain elevators. See Elevators, grain.  
 Grama, blue.....1025  
 Grama, side-oats.....10585,26634  
 Gramineae.....15372  
 See also Grasses.  
 Grammatophyllum speciosum.....1544  
 Granadilla, purple.....26695  
 juice and sirup.....24254  
 Granaries.....23756  
 See also Elevators, grain.  
 Granary weevil. See Sitophilus granarius.  
 Grandiella tertia n. sp.....17880  
 Graniger volkonskyi n. sp.....12619  
 Granja Experimental de Diwisa (Panama).....14689  
 Granulate cutworm. See Feltia subterranea.  
 Granville wilt, of tobacco. See Wilt, of tobacco.  
 Grape berry moth. See Polychrosis viteana.  
 Grape leaf skeletonizer. See Harrisina americana.  
 Grape leafhopper. See Erythroneura.  
 Grape phylloxera. See Phylloxera vitifoliae.  
 Grapefruit  
 anatomy and physiology.....5366,20985  
 biochemistry.....20257  
 culture.....1317  
 fertilizers.....20256  
 industry.....20517  
 juice and sirup.....4354  
 nutritive value.....5264  
 regulation and inspection.....19998  
 storage.....24262  
 diseases and pests.....6083  
 Grapes.....26089  
 analysis and composition.....15176  
 anatomy and physiology.....1011,1036,4300,6447,10574,10603,10857,26472  
 Argentina.....1378,4263,15981,23947,26719  
 Armenia.....27908  
 Australia.....1381,18535,21333,21336,21345  
 biochemistry.....4768,10648,15711  
 breeding.....10534,26723  
 care and handling.....4349  
 Colombia.....15979
- Item**
- Grapes--Continued.**  
 conferences and congresses.....28560  
 costs and returns.....4960  
 culture.....261,1386,1388,1394,10858,15903,16410,20579,20600,25237,25241,26724  
 diseases.....819,830,834,841,875,877,881,6096,6101,6108,6136,6768,10340,10361-2,15418,15485,15494,15503,15512,15982,20758-9,20766,20804-6,20809,20813,20827,20837,20840-1,20852-3,20857,22916,23005,26304,26337,26339,26349,26353,26503  
 Dominican Republic.....13319  
 drying.....4371,28779,28790  
 equipment.....3726,3730,28324,28415  
 Europe.....1383  
 fertilizers.....16340,21775,21804-5,21822  
 France.....8460,13298,13549,13615,21315,21317,26716  
 freezing.....20271  
 Germany.....21325,24164  
 Hungary.....13556  
 hybrids.....21322  
 India.....18813  
 industry.....13566,18775  
 injuries.....823,6070,15427,15438,20752  
 Italy.....18769  
 juice and sirup.....18846,20324,24180,24215,25140,28784,28786,28797  
 Levant.....24147  
 marketing.....18813  
 Mediterranean Region.....15711  
 oil.....13846,19022,28942  
 Palestine.....1380,6453  
 pests.....841,1389,3386,3399,12755,12784,12847,15982,17953,20841,22416,23005,23391,23465,23474,23484,23489,23494,27908,27918,28148,28201  
 prices.....8689  
 products.....13590  
 propagation.....627,1393,6451,10534,10853,10857  
 pruning.....6448,21316,21319,21333  
 research.....9519  
 situation and outlook.....28739,28798  
 soils.....11128,11198,16410,21725,26918,27049  
 Spain.....28742  
 spraying and dusting.....26308  
 statistics.....5669,28810  
 storage.....18839,24216  
 sugar.....13944  
 Switzerland.....1309,1382,6452,8698,15987,21327  
 U. S. S. R.....26720,26722,26727-8,28415,28528,28560,28752,28779,28790  
 varieties.....1389,1392,10848-9,20600,21318,21334,21338,21341,21344,26721  
 vitamins.....25140
- Item**
- Grapes--Continued.**  
 waste.....2631  
 as fertilizer.....22000  
 utilization.....28942  
 yields.....10856  
 See also Raisins.  
 Graphic methods.....15089  
 Graphipterus.....12610  
 Graphis scripta.....6016  
 Grapholitha molesta.....3577,5573,8111  
 control.....12826,12863  
 Graptostethus servus.....18072  
 Grass sickness. See Grass tetany.  
 Grass tetany  
 in cattle.....2457,2501,11886,16995  
 in horses.....27791  
 Grasserie.....28227  
 Grasses.....10402,21354  
 analysis and composition.....19040  
 anatomy and physiology.....681,1035,1079,10552,10565,10596,10607,20641  
 as feed.....3057,20415  
 for cattle.....16960  
 for geese.....7465  
 for poultry.....21138,22644  
 for turkeys.....17291  
 Australia.....10596,26646  
 biochemistry.....1096  
 Canada.....741  
 culture.....1868,19478  
 cutting equipment.....23674  
 diseases.....895,1079,6100,10346,20769  
 drying.....13992  
 effect on soils.....6800,11293,20415,26916,26972,26978  
 fertilizers.....1841,6813,11247-8,16378,16507,21785,21820,25791  
 forage.....10774-5,14997,20641,21155  
 harvesting  
 equipment.....23638  
 in soil conservation.....90,19885  
 India.....21155  
 injuries.....20769  
 nutritive value.....2421  
 pests.....20368,28078  
 planting.....10761  
 seeds.....9550,14888,16378,19121,19907,20668,20978,21168,21631,21820,24494  
 harvesting.....9549  
 soils.....11219  
 Southwestern States.....20508  
 Sweden.....19121  
 Union of South Africa.....21689  
 U. S. S. R.....10758  
 varieties.....6572,21152  
 vitamins.....14579  
 See also Gramineae:  
 Hay; Ranges, vegetation; Silage, grass; Silage, green; Turf; and names of grasses.  
 Grasshoppers and locusts.....8137,23519,23529,27849  
 anatomy and physiology.....3613  
 Argentina.....12869,18155
- Item**



- Grasshoppers and locusts--  
 Continued.  
 bibliographies.....8140  
 Central Africa.....12880  
 control.3623,5554,22914,  
 23523,23525,28224-6  
 international....23520  
 habits and behavior.....  
 23528  
 Italy.....12384  
 situation and outlook...  
 22959  
 Uruguay.....18157  
 See also Acrididae; and  
 names of genera.  
 Grasslands.....21170  
 burned areas...1231,1245  
 farming..200,6367,15817,  
 26614  
 Great Britain.....21156  
 Northern Ireland...21175  
 Newfoundland.....15292  
 See also Ley farming.  
 Gravel culture. See Sand  
 culture.  
 Gravity  
 effect on insects..15315  
 Grazing.....293,5864,6382,  
 7123,9638,10076,10739,  
 16943,20358,21182-3,  
 26637  
 Australia.....12282  
 Canada.....9254  
 effect on  
 soil erosion....27063  
 soil fertility...27775  
 vegetation.....  
 939,1201,6349,6372,  
 10010,10746,10749,  
 15852,21018,21125,  
 21181,26644  
 Great Britain.....11688  
 legislation.....11687  
 North Africa.....2258  
 seasonal....15820,15837,  
 16954,21130,26618,26629  
 Union of South Africa...  
 21167  
 See also Forage plants;  
 Grasses; Pastures;  
 Ranges; U. S. Grazing  
 Serv.; and under  
 specific subjects.  
 Grazing Land Managt. Plan..  
 9545  
 Great Atlantic and Pacific  
 Tea Co.....13612,17227  
 Gt. Brit. Dept. of Sci.  
 and Indus. Res.....13245  
 Gt. Brit. Milk Mktg. Bd...  
 13395  
 Great Smoky Mts. Natl.  
 Park, N. C. and Tenn...713  
 Green bug. See Toxoptera  
 graminum.  
 Green clover worm. See  
 Plathypena scabra.  
 Green Lumber Co.....27183  
 Green manures...1830,1856,  
 6814,6820,11253,11274,  
 11277,16355,16366,  
 16368,16379,21765,  
 21801,21807,21995,  
 26955,26985  
 U. S. S. R.....10055  
 Green peach aphid. See  
 Myzus persicae.  
 Greenhouse thrips. See  
 Heliothrips haemorrhoi-  
 dalis.  
 Greenhouses...20577,21242,  
 23722,28424  
 equipment...12959,12967,  
 18343  
 fertilizers.....11226  
 fruit culture.1314,1386,  
 20577  
 fumigation.....5582  
 ornamentals...1447,1521,  
 6026,10999,16099,16102,  
 16149,16151,20307,  
 20580,21472,21544,26744  
 pests...5582,12903,23136  
 soils...11192,11221,11261  
 spraying and dusting...  
 5582,9658  
 vegetable culture..1604,  
 1653,6260,6265,6647,  
 6666,11038,15421,16226,  
 20577,21585,26841,26845  
 watering.....21875  
 See also Cloches; Cold-  
 frames; Hotbeds.  
 Greens, edible.....10087  
 See also Feed, green;  
 Vegetables, leafy;  
 and names of greens.  
 Gregarina ausoniae...23546  
 Greigia.....5978  
 Greigia exserta n. sp....  
 15385  
 Grex System.....24081  
 Grinding equipment...18257  
 wood.....18288  
 Ground-cover plants...6586  
 Ground squirrels.....9482  
 Groundsel.....16246  
 See also Senecio.  
 Group farming. See Farms  
 and farming, group.  
 Grow More Food Campaign  
 (India).....4861,24745  
 Growth substances for  
 plants.....998,6248,6260,  
 6830,10516,10544,10587,  
 11445,15693,26461,26513  
 application.....6239  
 effects....10293,11042,  
 15919  
 on fruit set....11027  
 on rooting.....10586,  
 15926,15936,20972,  
 20982,26497  
 inhibitors....1009,1074,  
 1344,6227,6262,6280-1,  
 10546,15490,26484,26512  
 preharvest use....6287,  
 26498  
 synergism.....26485  
 See also Hormones,  
 plant; Weeds, control,  
 growth substances; and  
 names of growth sub-  
 stances.  
 Gryllotalpa gryllotalpa...  
 18158  
 Gryllulus.....28214-5  
 Gryllus.....28216-7  
 Gryllus domesticus. See  
 Acheta domestica.  
 Guajacum. See Lignumvitae.  
 Guano.....2032  
 Guatemala. Service of  
 Soils.....26945  
 Guatteria leiophylla.26688  
 Guavas.....26694,28729  
 nutritive value.....5237  
 pests.....28194  
 Guayule...11089,15610,15612  
 anatomy and physiology...  
 6180,6281,6702  
 Argentina.....25868  
 biochemistry...683,15714  
 diseases....15471,20855,  
 26382  
 rubber.....19117  
 Gubin, A.....12514  
 Guarobunus n. g.....12571  
 Guettarda.....5942  
 Guevara, Fray Antonio de...  
 14672  
 Guilielma gasipes. See  
 Palm, peach.  
 Guinea fowl...12184,22775  
 Guinea pigs...18013,18046,  
 28010  
 Guizotia. See Niger seed.  
 Guizotia abyssinica. See  
 Niger seed, Ethiopian.  
 Gulls.....27859  
 Gum arabic.....15177  
 Gum karya. See Kadaya gum.  
 Gum tragacanth.....15177  
 Gum tree.....16260  
 Gummosis, of citrus...890  
 orange.....15423  
 Gums and resins.1039,4224,  
 4690,5830,8087,13182,  
 13185,13371,13527,19157,  
 28935  
 plastics.....29044  
 Spain.....25038  
 synthetics...7068,23806,  
 27205,29044  
 trade.....25038  
 See also Ammoniac;  
 Naval stores.  
 Guncotton.....13520  
 Gur.....24533  
 Gutta-percha.....28995  
 Gymnogramme calomelanos...  
 6195  
 Gymnopiella n. g.....17979  
 Gymnopogon.....5966  
 Gymnospermae.....15323  
 Gymnosporangium.....6003  
 Gymnosporangium confusum.  
 See Rust (plant), of  
 medlar.  
 Gynoplistia.....17968  
 Gypsophila.....911  
 Gypsum.....6249,16456,  
 20159  
 Gypsy moth. See Porthetria  
 dispar.  
 Gyrinidae  
 Cameroun.....12630  
 See also names of  
 genera.  
 Gyrinoidea.....17914  
 See also names of  
 families and genera.  
 Gyrinus.....12656  
 Gyrinus nitidulus...17913,  
 17927  
 Gyromitra esculenta. See  
 Helvella esculenta.  
 Habranthus andersonii.....  
 15350  
 Habrobracon. See Micro-  
 bracon.  
 Hackberry.....18078  
 Hadesia.....28054  
 Hadrus.....28017  
 Haemagogus.....18017  
 Haemagogus equinus...23350  
 Haemaphysalis...28808,28018  
 Heematin, in plants...6296  
 Haematobia.....7981  
 Haematopinus adventicius...  
 8157  
 Haematopinus suis....18185  
 Haemogamasus oudemansi....  
 7899  
 Haemonchosis. See Haemon-  
 chus contortus.  
 Haemonchus contortus.22840  
 Haemoproteus  
 in turkeys.....7487  
 Haemosporidia  
 in horses.....12011  
 Hagenia abyssinica...20741  
 Hail.....10317,20301  
 See also Insurance,  
 hail.  
 Hair balls  
 in cats.....27491  
 Hairgrass, tufted...10424  
 Hairy chinch bug. See  
 Blissus hirtus.  
 Hakes.....15386  
 Halfordia kendack....1714  
 Halictus.....23420,28160  
 Halidrya siliquosa...10467  
 Hallodapus montandoni.3498  
 Halotydeus destructor.3374  
 Haloxylon aphyllum...26887  
 Haloxylon persicum...26887  
 Ham.....18978  
 curing.....23904  
 vitamins.....14607  
 Hammer mills.....28332  
 Handbags.....324  
 Handicraft  
 Great Britain.....5080  
 India.....24967  
 Uganda.....29302  
 See also 4-H Clubs,  
 crafts; Panama-hat  
 industry; Weaving;  
 and names of crafts.  
 Handles.....8213  
 Hansen, V.; and others,  
 Catalogus Coleopterorum  
 Daniae et Fennoscandiae...  
 23157,23182  
 Henseniella agilis...3380  
 Henseniella graeca n. sp..  
 12588  
 Henseniella hova n. sp....  
 12589  
 Hansson, Nils.....19842  
 Haploidy. See Polyploidy.  
 Haplostegus.....23434  
 Haplothrips.....18176  
 Haplotrinchus.....17963  
 Haptoderus champenoisi...  
 12642  
 Hardiness, in plants.1000,  
 1041,6219,6237,10541,  
 10707,10847,15265,  
 15978,16143,21059-61,  
 21064,21578  
 Harmon, Garland D....14646  
 Harmonia axyridis...23208  
 genetics...23209-13,23219  
 Harness.....23584,23589  
 Harnischia galaptera  
 n. n.....18002  
 Harpagoxenus canadensis...  
 18082  
 Harrisina americana...12847  
 Harrowing.....11297,24670  
 Harrows.....3703,12980  
 Harvard Univ.  
 Mus. Comp. Zool....18129  
 Harvesting  
 Egypt.....13005



- Harvesting--Continued.**  
 equipment.....8223,8231,  
 9920,12986,12989,13010,  
 15154,23671,28393-4,  
 28296,28302  
 labor.....14811  
See also Combines; kinds  
 of equipment and under  
 names of crops.  
*Hesseanthus*.....5928  
*Hauptvereinigung der*  
*deutschen Gartenbauwirt-*  
*schaft*.....19128  
*Hawks*.....2825  
*Haworthia*.....26231  
*Haworthia sordida*.....735  
*Hay*...3759,5138,6381,7996,  
 13009  
 as feed.....288,26617  
 for cattle.16944,22376  
 bales.....28255  
 baling equipment..18282,  
 23664  
 Canada.....10771  
 costs and returns..25901  
 drying.....7114,26034  
 artificial..3710,3751,  
 3765-7,8235,8246,  
 8257,8332,11986,  
 13025,13028,15150,  
 18279,18290-1,20456,  
 23656,28300,28304  
 equipment.3716,5462,  
 5602,8257,11659,  
 13003,13100,18283,  
 28313  
 Germany.....18645  
 Great Britain.....24047  
 harvesting....3710,3727,  
 3732,3746,3751-2,  
 3758,3768,4757,6366,  
 9087,12940,12998,18198,  
 18206,18267,21144  
 equipment...3728,8829,  
 12988,13030,18266,  
 18274,23662  
 Italian East Africa.....  
 20693  
 market reports....25595  
 nutritive value....3751,  
 7113,7125,7128,22179,  
 22382  
 prices.....14865  
 quality.461,1814,2250-1,  
 9852,11649,11659,  
 18645,21144  
 regulation and inspec-  
 tion.....4147  
 salting.....11680,11682,  
 11685  
 stacking.....13011,18195  
 statistics.....5667,15004  
 storage.....23761  
 equipment.....5699  
 Sweden.....7112,22179  
 U. S. S. R. ....24670  
See also kinds of hay.  
*Hay driers*.....20456  
*Hay-fever plants. See*  
*Plants, allergy-produc-*  
*ing.*  
*Hay racks*.....28364  
*Haystacks*.....8181  
*Hazel nuts. See* Filberts.  
*Head, of insects*.....8167,  
 22912  
*Head louse. See* *Pediculus*  
*humanus humanus.*  
*Health*....13,15,658,5044,  
 5049,5652,9800,9832,  
 15108,18957,19615
- Health--Continued.**  
 Africa.....29287  
 agreements.....12453  
 Amazon Region.....24590  
 Canada...5076,9316,9318,  
 9320-1,14422,19577,  
 19619,19632  
 dental care...9753,19632  
 Egypt.....19595  
 Georgia.....24934  
 Honduras.....9296  
 hygiene.....15092,25806  
 Idaho.....94  
 India.....19645  
 Indians.....19743  
 Iowa.....14423,24956  
 Italy.....19579  
 Louisiana.....9676  
 Maryland.....5089  
 materials.....24601  
 Minnesota.....9303  
 Mississippi.....24951  
 Missouri.....9304  
 Negroes.....20330  
 Nevada.....20497  
 New Mexico...5087,24934  
 North Carolina...15129  
 postwar.....14825  
 prenatal.....9838,15099  
 programs.....9292,19588,  
 19916,20036,24945,  
 25422  
 public.....5102,7710  
 Puerto Rico.....15136  
 services.5089,5091,5094,  
 5106,5330,14733,  
 24937,24944,24957-8,  
 25987,29294  
 North Carolina...24971  
 Texas.....19956  
 statistics.....14799  
 study and teaching  
 North Carolina...24924  
 surveys.....14401  
 North Carolina...20330  
 Tropical Africa...14440  
 Tropics and Subtropics..  
 5747,14386  
 Uruguay....9284,19636-7,  
 28254  
 Venezuela.....25987  
See also 4-H Clubs,  
 Health and safety;  
 Hospitals; Insurance,  
 health; Mobile medical  
 units; Physicians;  
 Vitamins, and health;  
 and subheads under  
 Nutrition (human).  
*Health Coop. Assoc.,*  
*(New Mexico)*.....5037  
**Heart**  
 of calves.....22434  
 of horses.....17185  
**Heart disease**  
 in calves.....22407  
 in swine.....7679,12346,  
 17640,22883  
**Heart rot**  
 of sugar beet..6254,6270  
**Heart worm**.....23347  
 in dogs.....7348,11956  
**Heartwater**  
 in cattle.....22414  
See also *Rickettsia*  
*ruminantium.*  
**Heat**  
 effect on  
 insects....12388,22923  
 plants.....10573  
 vitamins.....25100
- Heat--Continued.**  
 in food preservation....  
 5778  
See also Thermotropism.  
**Heat prostration**  
 in livestock.....2326  
**Heaters**.....12951  
**Heath**.....10401  
**Heather**.....7641  
**Heating**.....14905,23713  
 electric.....3318  
See also under Water.  
*Heckeria subpeltata*..15601  
*Hedera*.....10602  
*Hedera helix*.....6199  
**Hedges**.....16013,21432  
 diseases.....26329  
 Nigeria.....26123  
 pruning.....11006  
**Hedgehogs**.....9477  
**Hedin, Sven. See** Sven  
**Hedinische Expedition,**  
 1927-1930.  
**Reel flies. See** *Hypoderma*.  
**Heifers. See** Calves and  
 heifers.  
**Heim de Balsac, R....**7911,  
 12587  
*Helianthus annuus. See*  
*Sunflower.*  
*Helianthus macrophyllus.*  
See Sunflower, woodland.  
*Helichrysum*.....10209  
*Helichrysum adenophorum*..  
 783  
*Heliothis*.....18142  
*Heliothis armigera*...23477  
 control..3599,8097,9573,  
 18141,22918  
*Heliothis virescens*..18136  
*Heliothrips haemorrhoi-*  
*dalis*.....12439,28238  
*Heliotrope*.....26734  
*Helius*..3441,17968-9,23221  
*Helleborus*.....26469  
*Helleborus niger*....16096  
**Helminthology**  
 Ceylon.....2297  
*Helminthosporium*  
 on cowpea.....6118  
 on soybean.....6118  
*Helminthosporium gramineum*  
 10330  
See also Stride, of  
 barley.  
*Helminthosporium turcicum.*  
 6107  
 on corn.....6092  
**Helminths. See** Worms.  
*Helopeltis sanguineus*....,  
 23371  
*Helvella esculenta*...15402  
*Helvella lacunosa*...15402  
*Helvina lypera n. sp.*..3403  
**Hematoma**  
 in cats.....2590  
 in dogs.....2590  
*Hemerocallis*...1462,1486,  
 1549,16023,16082,16140,  
 21401,26802  
 varieties...16069,16103  
*Hemerocallis fulva*...20917  
*Hemerocampa vetusta*...9658  
*Hemicellulose*.....4694  
*Hemileia vastatrix*  
 on coffee.....20816  
*Hemileiastus (Percellio)*..  
 11172  
**Hemiptera**  
 anatomy and physiology..  
 8049
- Hemiptera--Continued.**  
 and plant disease...8047  
 Belgian Congo.....9975  
 Canada.....3503  
 parasites and predators  
 of.....7691  
See also common group  
 names; and names of  
 suborders, families,  
 and genera.  
*Hemisarcophaga malus*..12558  
*Hemisericia*.....17910  
*Hemlock*.....6603  
*Hemlock, Canadian*...14838  
*Hemlock, eastern. See*  
*Hemlock, Canadian.*  
*Hemlock, Pacific*....2217,  
 5461,7086,11560,10211  
 bark.....2111  
*Hemlock, western. See*  
*Hemlock, Pacific.*  
*Hemoglobinemia. See*  
*Hemoglobinuria.*  
*Hemoglobinuria*  
 in cattle....7253,7281,  
 14991,22412,22421  
 in sheep.....14991  
*Hemorrhagic septicemia*...  
 11728  
 in buffaloes.....17030  
 in calves.....16981  
 in cattle....7274,7278,  
 11880,16994,17022  
See also Pasteurellosis.  
*Hemp*....9951,13545,21116,  
 21669,26609  
 anatomy and physiology..  
 26435,26467  
 Argentina...6339,13497,  
 26606  
 Chile.....18749  
 China.....26028  
 culture.....24125  
 fertilizers.....26609  
 fiber.....15732,18674  
 history.....24125  
 Italy.....6341,9942  
 Paraguay.....28706  
 processing...8616,24068,  
 24125  
 soils.....6773  
 Spain.....28439  
 straw.....25725  
 substitutes.....4168  
 Switzerland.....13544  
*Henbane, black*.....928  
*Hendecatomus reticulatus*..  
 28040  
**Henequen**  
 diseases.....811  
 Mexico.....13472  
 Spain.....1181  
See also Agave.  
**Henry R. Carter Memorial**  
**Lab.**.....27919  
*Hepatica*.....1552,6518  
*Hepaticae*.....721-2  
 Canada.....10265  
 Chile.....26258  
 North Africa.....10032  
 Portugal.....26256  
*Hepatitis*.....9414  
*Hepatitis, infectious*  
 necrotic  
 of sheep.....17569  
*Hepatorenal syndrome*..7129,  
 7173  
*Hepialidae*.....12860  
See also names of  
 genera.  
*Hepialus*.....23462  
*Heptaulacus*.....12662



- Herbaria.....10113,15321  
See also Plants, collect-  
ing and collections;  
and names of herbaria.  
Herbicide dispensers.19996  
Herbicides...1683,9659-60,  
21623  
See also names of  
herbicides.  
Herbs....1697,1703-4,1707,  
1736,6716,6732,9027,  
11112,18831,21673,26083  
Hercules Powder Co.  
Insecticides Testing  
Lab.....17724  
Heredity. See Genetics;  
and under names of  
animals, insects, and  
plants.  
Hermandad Sindical de  
Labradores y Ganaderos  
de Santa Perpetua de  
Moguda (Spain).....29113  
Hermaphroditism  
in goats.....3014,17564  
in pigeons.....27631  
Hernia  
in cattle.....2492,22390  
in dogs.....2595,27495  
in horses.....22565  
Heroobasidium deformans  
n. sp.....26343  
Herrera, Fortunato L.29479  
Herrings.....9015,9019  
Herrod-Hempsall, W...23050  
Herse convolvuli.....12806  
Hersiliidae  
South Africa.....28015  
See also names of  
genera.  
Hesperilidae.....3576,28184  
See also names of  
genera.  
Heserobaenus.....17965  
Hesperotettix  
Utah.....18154  
Hessian fly. See  
Phytophaga destructor.  
Heteroauxia. See  
3-indoleacetic acid.  
Heterocera. See Moths.  
Heterodera marioni.....465  
Heterodera rostochiensis..  
26385  
in potato.....6168  
Heterogamodes.....28215  
Heterokaryosis  
in plants.....20952  
Heterometrus maurus..28012  
Heteronychnus sanctae-  
helense.....12690  
Heteropinus.....12782  
Heteroploidy. See  
Polyploidy.  
Heterosylla texana...3510  
Heteroptera.....23408  
Great Britain.....17677,  
18049  
See also names of  
families and genera.  
Heterosis.....709  
in plants.....1026  
Hevea.....5975,6722,15723  
Brazil.....20930,21678  
Ceylon...11091,11093-4,  
11111,11116  
Colombia.....6726  
culture.....11094  
diseases.6059,6076,6103,  
6129,10347,26296,26348  
Guatemala.....21675  
Hevea--Continued.  
Latin America.....11109  
propagation.....16275  
See also Rubber.  
1,2,3,4,5,6, Hexachloro-  
cylohexane.....12399,17688,  
17703,22944,22963,23525  
tests.....3378-9  
toxicity.....3166  
Hexachloroethane.....11851  
Hexadecatrienoic acid.....  
26547  
Hexamita meleagridis.27625  
See also Hexamitiasis.  
Hexamitiasis, in turkeys..  
2784,2796,7482,27625  
See also Hexamita  
meleagridis.  
Hexaploidy. See Polyploidy,  
in plants.  
Hexathele.....12599  
Hexatoma.....17969  
Hibbert, Harold.....25196  
Hibernation. See  
Arachnida, hibernation;  
Insects, hibernation.  
Hibiscus.....10586  
Hibiscus, kenaf..1010,1177  
Hibiscus sabdariffa. See  
Roselle.  
Hibiscus syriacus...10874,  
16112,21394  
Hickory.....2082  
Hide beetle. See  
Dermestes vulpinus.  
Hides and skins.8856,28891  
analysis and composi-  
tion.....15181  
Australia.....24101  
bacteria.....24101,28915  
curing.....24372,24375,  
24377,28915  
Ethiopia.....18906  
goat.....8881,28903  
grading and standardi-  
zation.....8867  
India.....4446,13765  
injuries.....28908  
Italian East Africa.....  
13782  
preparation..4522,13818,  
24101,24378  
processing.....28916  
quality.....17870  
rabbit.....8886,17529,  
18915,18952,24374,  
24372,24377,28889-90,  
28920  
regulation and inspec-  
tion.....8831  
sheep.13819,18972,24101,  
24378  
situation and outlook...  
8834,8857  
surpluses.....9365  
trade.....4485,9376  
See also Leather;  
Tanning.  
High-frequency heating  
in food processing.3742,  
3952,8249,13643,13696,  
23877,24244-5  
in wood bonding..16679,  
16707,27205  
Hilaria.....6001  
Rhipocastaceae. See  
Aesculaceae.  
Hippodamia.....7966  
Hippotion.....12818  
Hissar (India) Govt.  
Cattle Farm.....17563  
Histamine.....12460  
Hister distinctus....7963  
Hister ignobilis  
schmidtianus n. var.12674  
Histeridae.....12674,28030  
Cameroons.....12661  
See also names of  
genera.  
Histology, animal....24101  
animal.....24101  
insect.18008,18065,28089  
plant.....959  
Histoplasmosis  
in dogs.....2589  
History..5750,10074,14623,  
20483  
Arabia.....5284  
Argentina.....5297  
Brazil.14670,19212,19855  
France.....14414,14649  
Germany.....502,24863  
Italy.....510,9499  
Libya.....24592  
Paraguay.....5288  
Southern States....14646  
Southwestern States....  
20608  
Tennessee.....20341-3  
Union of South Africa...  
24606  
See also under specific  
subjects.  
Hitches...3683,3783,18226  
Hjärre, A.....22880  
Hoary cress. See Whitetop,  
pepperweed.  
Hock  
of horses  
diseases.....27517  
of rabbits.....7606  
Hoeing...16414,16418,21836  
Hoes.....23617  
Hog cholera.238,3063,3075,  
5358,7673,12333,12344,  
12351,17635,17641-2,17645  
control.....17643  
diagnosis.....12348  
immunization..3067,3070,  
12349,17646,25345  
Venezuela.....3070  
West Virginia.....7675  
See also Salmonella  
subpestifer.  
Hog louse. See  
Haematopinus adventicius.  
Hogs. See Swine  
Hoisting equipment...11547  
Holarrhena febrifuga.15724  
Holarthothrips  
tenuicornis.....23554  
Holidays, Colombia...5092  
Hollermayer, Atanasio....  
29475  
Holly.....9705  
See also Ilex.  
Holoparamesus.....12656  
Holorusia.....23221  
Holstein-Friesian Assoc.  
of Canada.....2381,13803  
Homalotylus flaminus....  
23415  
Home-Canning Jar-Ring  
Testing Conf..14809,14956  
Home decoration.....428  
Home demonstration work.  
See Extension work, home  
demonstration.  
Home economics. See Home  
management.  
Home management.....9588,  
10065,14818,15039,15043,  
20607,25458,25460  
accounting.....20394-5  
bibliographies....20237,  
20393  
financial.....25385  
sanitation.....25806  
study and teaching..9888  
work management....470,  
9801,20018  
See also 4-H Clubs,  
home management; and  
under specific sub-  
jects.  
Home-use production..9846,  
25803,25959  
Homeria.....22266  
Homeria collina.....11064  
Homesteading.....24865  
Homoeosis (insect). See  
Insects, abnormalities.  
Homoptera  
Belgian Congo.....9975  
East Africa.....12769  
See also names of  
families and genera.  
Hones, H.....18117  
Honey.....578,3220,12492,  
23009,29029  
analysis and composition  
13186,28853  
Argentina....12519,24312  
bactericide.....3261  
Australia.....23903  
Canada.3277,17822,28852  
comb.....3191,3288,7864,  
12504,17801  
consumption.....24312  
cooperatives.9589,13718,  
24313-14  
equipment.....23065  
extraction.....3253,7773,  
17788,18892  
grading and standardi-  
zation.....8826  
granulated.....23035  
harvesting.....12495  
market reports.....25566  
marketing.....8825,9589,  
12477,23019  
nutritive value....3280,  
9418,14587,17782,19768,  
19774,25092,29429  
processed.....17815  
processing.....7778  
quality.7858,13719,17813  
regulation and inspec-  
tion.....3277,8824  
situation and outlook...  
19953  
Spain.....23030  
therapeutic use....7795  
trade.....4424,12519  
Union of South Africa...  
3234  
utilization..8578,17817,  
18893  
yields...3195,3213,3241,  
3293,3348,7769,7840,  
12506,23024,27940  
Honey plants....1725,3220,  
3239,3274,3303,7824,  
7833-4,10773,11106,  
11113,17763,17787,19953,  
26885  
Canada.....17820  
Great Britain.....21656  
India.....23025  
planting.....17777



- Honey plants--Continued.**  
See also names of honey plants.  
 Honeybee. See *Apis mellifera*.  
 Honeydew.....28189  
 Honeysuckle. See *Lonicera*.  
 Honeysuckle aphid. See *Rhopalosiphum conii*.  
 Hooded owlets. See *Cucullia*.  
 Hoofs  
   horses and asses...7388, 12029-30, 22559, 27515  
 Hooibrenck, Daniel...26508  
 Hookworms  
   in cattle.....16986  
   in livestock.....14778  
 Hoplostigma.....10451  
 Hoplionota.....17937  
 Hoplocamoa....23418, 23432  
 Hoplocampa flava....28157  
 Hoplocrates compar n. sp....23436  
 Hoplomachus thunbergi....18050  
 Hops.....9017  
   anatomy and physiology...15585  
   breeding.....6708  
   Canada.....29050  
   diseases.....20774  
   grading and standardization.....24558  
   Great Britain.....21646  
   harvesting.....15034-6  
   market reports....25540, 25552, 25596  
   regulation and inspection.....5487  
 Hopseed bush. See *Dodonaea*.  
 Horcotes.....23099  
 Hordeum distichum. See *Barley*, two-row.  
 Hordeum irregulare n. sp. 729  
 Hormones  
   animal...2299, 2460, 2510, 3007, 7172, 11856, 16811, 17039, 17317, 27381, 27609  
   plant...1069, 10569, 10579, 15620, 15659, 15688, 20765  
   effects.....5488, 15688  
   therapeutic use...7334, 16741, 16793, 16854, 16975, 17304, 17552, 17567, 22833, 27311  
   See also Growth substances for plants; and names of hormones.  
 Hornia boharti.....17947  
 Horns  
   of cattle  
     diseases.....17035  
 Horse meat....5167, 18940, 28874  
   Italy.....13746-7, 13768  
 Horse sickness, African...2639, 17193  
 Horsebeans.....10754  
 Horsechestnuts...5856, 6992, 11666  
   as feed.....22202  
 Horses...2663, 2666-7, 5809, 12037, 23683  
   Albania.....11984  
   Algeria.....22588  
   anatomy and physiology...2637, 7397, 11993, 17184, 17186-8, 27507, 27515  
   anomalies.....17163  
   Argentina....2670, 7405, 11978, 17196, 17198, 22548, 22579, 27532  
   Australia....2623, 22574  
   bibliographies.....5806, 12037  
   breeds and breeding...237, 2617, 2620, 2622-4, 2628, 2632, 7358, 7360, 11983, 11985, 17150-1, 17154-5, 22541, 22545, 22574, 27505  
   Adaev.....11982  
   Andalusian.....22540  
   Anglo-Norman....11979  
   Arabian.....7357, 7361, 14712, 17148, 22536, 22542, 22544, 22547, 22574, 27507  
   Sardinian strain...11984  
   Ardennais.....11980  
   Boulonnais.....22549  
   Charolais.....22537  
   Cleveland Bay...22538  
   Clydesdale.....2626  
   Limousin.....17149  
   Morgan.....14712, 22574  
   Palomino....2618, 7363, 14712, 22546, 22574  
   Percheron....2621, 2627, 11975, 11978, 22548, 22550  
   Quarter Horse...2616, 2618, 7362, 11976, 11981, 22543, 22551, 22574, 27510  
   Shetland.....7364  
   Shire.....7364, 27508  
   Tennessee Walking Horse.....22574  
   Thoroughbred...2630, 7359, 9969, 17152-3  
   Canada...4526, 7400, 17208, 22585, 25031, 27509  
   care...2662, 12026, 12028, 17205  
   seasonal.....17199  
   Chile.....12033  
   Colorado.....17153  
   Cuba.....2617, 17197  
   directories.....22584  
   diseases.....2626, 11997, 12001, 27517  
   draft....2648, 2656, 2665, 3773, 7399-400, 7402, 11975, 11978, 17059, 17150-1, 17198, 17202, 17205, 17207, 22548-50, 22553, 22576, 22579, 27508, 27514  
   farms and ranches...2625, 7362, 7406, 22585, 22590, 27531  
   feeding and nutrition...2631-2, 2634, 11986, 17158, 17161-2, 17194, 22552-3, 27513  
   deficiencies.....12015  
   pasture and range....17159  
   seasonal.....27514  
   fertility.....2629, 7365, 11977, 22535, 27506  
   France.....11975, 11983, 13797, 17201, 22575, 25031  
   fumigation.....17732  
   gaits...7403, 17159, 22574  
   Germany.....2660, 22541, 22572, 22581-2, 27505, 27527  
   Great Britain....13790, 20558  
   heredity.....22539, 22571  
   history...2661, 22574, 22589  
   Hungary.....13759  
   Idaho.....22584  
   identification....22577  
   India.....12038, 22574  
   injuries.....7368, 7388, 11990, 11998-9, 12006, 12023, 17182, 22556, 27518  
   foreign objects...7380, 17178  
   Italian East Africa....17209  
   Italy....7407, 8851, 17207  
   judging.....22586  
   Majorca.....22592  
   parasites.....23304  
   parturition.....17190  
   poisoning...12004, 20309, 27526, 27906  
   postwar.....2668, 27530  
   pregnancy...11988, 17180, 17194, 22568  
   psychology.....22593  
   purchasing...7401, 12027, 28902  
   records and testing....17202, 17211, 27509  
   regulation and inspection.....2660  
   research.....14784  
   shows and sales...2659, 7405, 14712  
   South America.....7398  
   Spain.....2656  
   surgery.....7381, 11994, 12020, 12024, 22564, 26041, 27524  
   Sweden.....2658, 17150-1  
   Texas.....17154  
   trade.....25031  
   training...2672, 5809, 7404, 12026, 12031, 12034, 12038, 17200, 17204, 22580, 22583, 22587, 22590-1, 27533  
   bibliographies...19977  
   Union of South Africa...2669  
   U. S. S. R...11982, 27528, 27531  
   Venezuela.....26043  
   war use....2671, 12032-3, 17196-7, 17203, 17206, 22573, 22578, 22588, 27529  
   weight and measurement...2658, 17209  
   Western States....17210, 22574  
   wild.....5816  
   See also Colts; Feed; Foals; Stallions; names of feeds anatomical parts, diseases, and parasites; and under Anesthesia, Artificial insemination, Blood, transfusion, and Immunization.  
 Horseshoeing.....12030  
 Horticulture.....615, 14716, 15895, 21237, 21244  
   associations  
   directories....20123-4  
 Horticulture--Continued.  
   Canada...15889, 18788, 21236  
   Georgia.....10031  
   Great Britain...6407, 15887  
   Italy...15888, 15896, 20611  
   Morocco.....15890  
   New Zealand...10815, 26678  
   Portugal.....21221  
   research.....15890  
   study and teaching...1293, 6404-5, 6457, 10812-13, 21239, 26673  
   Sweden.....28518  
   Switzerland.....19877  
   terminology...21234, 21362  
   See also Flowers; Fruit; Gardens and gardening; Nurseries (plant); Ornamental plants; Vegetables; and names of plants.  
 Hosliery.....24081  
 Hospitals...5078, 9303, 9318, 19619, 20330, 25054  
   Iowa.....24955  
 Hostis guamensis n. g., n. sp.....17979  
 Hot water (insecticide)...28098  
 Hotbeds...3840, 20424, 23742  
   soils.....1887  
 Hothouses. See Greenhouses.  
 Hottentot fig.....16273  
 Houard, C. A. V.....9498  
 House cricket. See *Acheta domestica*.  
 House plants....174, 1426, 1454, 1539, 1577, 6561, 6565, 10966, 10981, 16129, 21382, 21408, 21438, 21485, 21488, 21506, 21537, 25936, 26762, 26776, 26821  
   fertilizers.....21752  
   soils.....21728  
   See also names of plants.  
 Housefly. See *Musca domestica*.  
 Household equipment. See Equipment, household.  
 Household insects...5819, 12438, 22904  
   control...591, 3152, 9658, 12407, 12429, 19906, 20362, 22930, 27894, 27907, 27923  
   See also names of insects.  
 Houses...20513, 23712, 23716  
   prefabricated.....27213  
   remodeling...20512, 28360  
   wood.....22130, 27212-13, 27215-17  
   See also Buildings; Farmhouses; Housing.  
 Housing...291, 8299, 15156, 23714, 28348, 28361  
   Argentina.....3792  
   bibliographies.....9913, 25399  
   Canada.....13070  
   Germany.....13073  
   Great Britain...5770, 9912, 9918, 15151-2  
   legislation.....13070  
   New Zealand.....26767  
   Pennsylvania...25772  
   programs....14800, 20038  
   Sweden.....18324



- Housing--Continued.**  
See also Buildings;  
 Farmhouses; Town and country planning; and under Census, Poultry, Veterans, and names of animals.  
 Houston clay.....1748  
 Hovenia dulcis. See Raisintree, Japanese.  
 Howard County (Md.) Farmers' Coop. Inc..19697  
 Hulling equipment....3733, 28312  
 Human flea. See Pulex irritans.  
 Humates.....6775, 11185  
 Humbert, H.....20734  
 Humbert, M.....15389  
 Humbertina n. g.....10181  
 Humic acid.....6748, 6752  
 Humidifiers.....10139, 12959  
 Humidity, effect on  
 Acarina.....23134  
 eggs.....17450  
 feed.....8596  
 insects.....12876, 23141, 23256, 23422, 27877  
 livestock.....22427  
 plants.....26835  
 Humus.1749, 1795, 1815, 1836, 1842, 2005, 6806, 6828, 6925, 6944, 6947, 10530, 11155, 11227, 11395, 16333, 21805, 21978, 21996, 26899, 26960, 26969-70, 27109  
 analysis and composition 21701  
 formation...1782-3, 21742  
See also Soils, organic matter.  
 Huron National Forest..... 14844-5  
 Hurricanes.....6029  
 Husson, R.....12892  
 Hutches. See Rabbits, housing.  
 Hyacinth.....10469, 21526  
 Hyacinth-bean. See Dolichos, hyacinth.  
 Hylomyiopsis n. g....28069  
 Hyalopteroides pallida.... 18056  
 Hyalosticta prope obli-qualis.....12808  
 Hybosternus n. g....23179  
 Hybridization  
 animal.....16729  
 insect.....18098, 23164  
 plant.....10809, 20949  
See also subheads under names of animals and plants.  
 Hydatidus.....7919  
 Hydatidosis, in man...2325  
 Hydnobius.....23177  
 Hydracarina.....23116  
 Africa.....23114  
 Brazil.....23117  
 Madeira.....23115  
 Paraguay.....23117  
See also names of families and genera.  
 Hydrangea.....6594, 21431, 21481, 26743  
 Hydrangea paniculata.26760  
 Hydrangea paniculata grandiflora.....15703  
 Hydrangea petiolaris.21400  
 Hydrarthrosis  
 in horses.....7384  
 Hydrochloric acid...12850, 13628  
 Hydrocyanic acid.....6756, 18796, 27786  
 effect on plants....827  
 in fruit.....24265  
 in plants.....10537  
 insecticides..3523, 7743, 12776, 18057, 22932, 23379, 23384  
 Hydrogen-ion concentration  
 effect on plants...6239, 10566, 11155, 15645  
 in dairy products..4042, 4049, 8514, 28636  
 in plants.....11155  
See also under Soils.  
 Hydrolea zeylanica...26426  
 Hydromel.....13720  
 Hydromyza livens.....7988  
 Hydrophilus piceus...23214  
 Hydrophobia. See Rabies.  
 Hydroponics. See Soilless culture.  
 Hydrops. See Dropsy.  
 Hydroschendyla submarina.. 7886-7  
 Hydrosme rivieri.....6468  
 Hydroxylupanine.....10619  
 Hydrozetes.....17887  
 Hyganic.....16545  
 Hygiene. See under Health.  
 Hygrophila spinosa...10631  
 Hylemya.....23236  
 Hylemya antiqua.....27888  
 control.....12727  
 Hylemya brassicae.  
 control.....3694  
 Hylemya genitalis....23305  
 Hylolucus pinastri....3594  
 Hylophila.....23462  
 Hylophilus.....12669  
 Hylotastella n. g....3409  
 Hylus.....17965  
 Hymen, of horses.....2652  
 Hymenaea courbaril. See Courbaril.  
 Hymenia recurvalis...23482  
 Hymeniales.....6009  
 Hymenoptera  
 Aculeata.....18090  
 anatomy and physiology.. 12792  
 as parasites and predators.....12789  
 Belgian Congo.....9975  
 Europe.....9972  
 France.....8075  
 nomenclature.....12796  
 North Africa.....12785  
 parasites and predators of.....7691, 9974  
 Rio de Oro.....8071  
 venom.....23442, 28158  
See also common group names; and names of families and genera.  
 Hymenostegia.....10230  
 Hyoscine.....10628  
 Hyoscyamus niger. See Henbane, black.  
 Hypera postica.....5389  
 Hypera punctata.....17960, 27909  
 Hypercalcemia  
 in poultry.....17313  
 Hypercholesteremia  
 in poultry.....17313  
 Hypercholesterolemia. See Hypercholesteremia.  
 Hypericum.....21532  
 Hypericum gentianoides.... 15387  
 Hyphantidium sericarium... 12817  
 Hyphantria cunea.....22904  
 Hyphomycetae.....27790  
 Hypoaspis fenilis.....7899  
 Hypocalcemia  
 in rabbits.....2975  
 in sheep.....27782  
 Hypocephalus armatus..7965  
 Hypoderma...3470, 5583, 5625, 23248, 28085  
 control.3475, 9845, 17996, 18006, 20387, 23263, 27301, 27899  
 Hypoderma bovis....12720, 23258  
 Hypoderma lineatum...23258  
 Hypoderma.....28182  
 Hypomenitis n. g....28182  
 Hypomma mallezi n. sp.... 12566  
 Hypoplasia  
 in cattle.....15217  
 Hypothenemus hampei. See Stephanoderes hampei.  
 Hypothyris.....28182  
 Hypovitaminosis. See subheads under Vitamins.  
 Hypoxis humilis.....5983  
 Hypurus bertrandi....7940, 12679  
 Hyssop.....1696  
 Hysterium pulicare....6016  
 Hysterochelifer.....23107  
 Hystrichopsylla talpae.... 28232  
 Iarozization See Seeds, vernalization.  
 Ice cream.....18559, 28577, 28612  
 analysis and composition 4043, 28597, 28605  
 bibliographies.....4014  
 Canada.....8489  
 Central America....3996  
 defects.....24027  
 flavoring....4089, 13416  
 formulas.....8573, 8578, 15183, 25366  
 Great Britain.4085, 8506, 13355, 13384, 23970, 28584  
 home-made.....15044  
 industry....4034, 13339, 23950  
 ingredients...4121, 8575, 8584, 8988, 13384, 24029-31, 28605  
 manufacture...4134, 8489, 8511, 8570, 8573, 8585, 13426, 13432, 13445, 13451, 18628, 28640, 28646  
 equipment.....3725  
 marketing.....4078, 4085, 8489, 8509, 8511, 8555, 13400-1, 13405, 28620  
 milk fat.....8530  
 nutritive value...14574  
 postwar.....8509, 13339  
 quality...8509, 13410-11, 24012  
 regulation and inspection....5453, 5487, 8489  
 situation and outlook... 13354, 28574  
 Ice Cream--Continued.  
 statistics..13454, 24045, 28620  
 sweetening.....8578  
See also Velva fruit.  
 Ice houses.....8336  
 Icerya purchasi.....12773, 23386  
 parasites and predators of.....23401  
 Ichneumonidae..12796, 23431  
See also names of genera.  
 Ichthyol.....7382  
 Icings.....24510  
 Icteronyssius. See Neseis (Icteronyssius).  
 Idaho. Agr. Expt. Sta.... 25734  
 Idaho State Reclam. Assoc.....19481  
 Idiocyttara n. g.....3603  
 Idiops.....17896  
 Igloo Frozen Food Center, Inc. (N. J.).....13244  
 Ilex.....5914  
See also Holly.  
 Ilex vomitoria. See Yaupon.  
 Illinoisia pisi. See Macrosiphum pisi.  
 Ill. Agr. Col. Ext. Serv.  
 Farm Bureau Farm Management Service.... 25820, 25826  
 publications.20393, 25874  
 Ill. Agr. Expt. Sta..16370  
 Aledo Soil Expt. Field.. 25695  
 Brownstown Soil Expt. Field.....25706  
 Carlinville Soil Expt. Field.....25697, 25832  
 Carthage Soil Expt. Field.....25696  
 Clayton Soil Expt. Field.....25694  
 Dixon Soil Expt. Field.. 25693  
 Enfield Soil Expt. Field.....25704  
 Ewing Soil Expt. Field.....25830  
 Hartsburg Soil Expt. Field.....25703  
 Joliet Soil Expt. Field.....25692  
 Kewanee Soil Expt. Field.....25698  
 McNabb Soil Expt. Field.....25700  
 Minonk Soil Expt. Field.....25702  
 Morrow Plots.....25705  
 Mt. Morris Soil Expt. Field.....25701  
 Newton Soil Expt. Field.....25708  
 Oquawka Soil Expt. Field.....25699  
 Toledo Soil Expt. Field. 25707  
 West Salem Soil Expt. Field.....25709  
 Ill. Univ.....19600, 19641  
 Illustrations.....20043  
 Immunization....2290, 7140, 7144, 11714, 16801, 16847, 22242  
 Colombia.....2340



- Immunization--Continued.**  
 swine.....7674  
See also Vaccines; and,  
under names of diseases.  
 Impatiens balsamina...20988  
 Imperial Agr. Bur....19813  
 Imperial Bur. of Pastures  
 and Forage Crops....2257  
 Imperial Col. of Trop.  
 Agr., St. Augustine,  
 Trinidad.....14639, 19814  
 Imperial Inst. of Ent....  
 19813  
 Imperial moth. See *Eacles*  
*imperialis*.  
 Imperial Mycol. Inst. 19813  
 Imperial Vet. Res. Inst.,  
 Mukteswar.....17043  
 Implements.....8197  
 India.....18212  
 marketing.....28263  
See also Tools; and  
 names of implements.  
 Imported cabbage worm.  
See *Pieris rapae*.  
 Imports. See Trade; and  
 subhead trade under  
 names of products.  
 Incarvillea delavayi. 10976  
 Incense cedar, California.  
 5996  
 Income. 115, 4722, 4738, 4741,  
 4881, 4939, 4943, 5533,  
 9592, 9609, 9881, 14048,  
 15120, 19234-5, 19237,  
 19242, 24638, 24663, 29073  
 Australia...14049, 19236,  
 24639, 29094  
 California....9866, 19240  
 Canada.....19241, 23897  
 Great Britain  
 Wales.....29193  
 India.....19194  
 Iowa.....15119, 24637  
 management.....19233  
 Minnesota....14865, 24641  
 Mississippi...19213, 19239  
 Northwestern States. 4739  
 postwar.....5330, 5743  
 Puerto Rico.....670  
 relation to prices. 25416  
 situation and outlook...  
 25310, 29095  
 South Carolina....9893  
 Southern States....24841  
 statistics.....25248  
 Sweden. 4740, 19238, 24609,  
 24640  
 Texas.....4388, 29093  
 U. S. S. R. 9070-2, 19208,  
 25988  
 Utah.....9073  
 Wisconsin.....14900  
See also Money manage-  
 ment for children;  
 Taxation, income tax;  
 Wages.  
 Income Tax Act, 1945,  
 Great Britain.....24648  
 Incubation. See hatching  
under Poultry and kinds  
 of poultry.  
 Incubators.....3826, 8312,  
 13097, 18361  
 fumigation.....22665  
 heating.....28387  
 Indebtedness.....47, 20050  
 Germany.....14041  
 India...9066, 20496, 29086  
 Index-Cat. of Med. and  
 Vet. Zool.....14777
- India.....345-6**  
 India. Foodgrains Policy  
 Com.....24712  
 Indian Central Cotton Com.  
 18706  
 Indian Econ. Agr. Res. 7193  
 Indian-meal moth. See  
*Plodia interpunctella*.  
 Indian Sci. Cong....18160  
 Ind. Agr. Col. See Purdue  
 Univ.  
 Ind. Forest Fire  
 Fighters' Serv.....22084  
 Ind. State Dairy Assoc....  
 18555  
 Indians  
 Ecuador.....647  
 Guarani.....3100  
 Guatemala.....9310  
 Mexico.....19743  
 North America. 1291, 5864,  
 9287, 20608, 21866,  
 24581, 24707  
 Venezuela....25976, 25980  
See also under Credit,  
 Health, Nutrition  
 (human), and Relief  
 and rehabilitation.  
 Indians (Punjab), in  
 U. S.....9285  
 Indigo.....19156, 26026  
See also Wild indigo.  
*Indigofera*.....6509  
*Indigofera decora*....21430  
 "Indo" Industrias de  
 Oleaginosos, Sociedad  
 Anonima Comercial...28940  
*B-Indoleacetic acid*.....  
 15682, 21002, 26465, 26511  
*3-Indoleacetic acid*..6230,  
 6239, 6258, 10520, 20993,  
 20995  
 Indolpium n. g.....27999  
 Indosidama n. g.....23132  
 Industry  
 and agriculture....180,  
 4707, 4741, 14016, 19183,  
 19396, 24580, 24597,  
 24605, 24660, 25624, 29059  
 Argentina.....14096  
 Brazil.....13198, 24591  
 Canada.....19193  
 China.....24594  
 Great Britain....9860,  
 14021, 24593, 26107  
 India.....9137, 24573  
 Latin America....24604  
 postwar.....9118, 9734  
 Southern States....9118  
 Spain.....29070  
 Union of South Africa.  
 19210  
 Argentina....19704, 28681  
 China.....29053  
 India...9043, 18475, 24689  
 labor.....19211  
 Latin America....24604  
 Mexico.....29078  
 on the farm.....4881  
 India.....19451  
 reconversion. 9035, 14500,  
 20485, 29105, 29147  
 Canada.....19193  
 research.....18197  
 rural...5050, 20500, 24942  
 Alabama.....24922  
 Ecuador.....24929  
 France.....19599  
 Great Britain....5066,  
 20613
- Industry--Continued.**  
 rural--continued.  
 India 9279, 9884, 15171,  
 18748, 24836  
 Uruguay.....29509  
See also Agricultural  
 products, utilization,  
 industrial; Nutrition  
 (human), in industry;  
 Wages, in industry.  
 Infants.....5648-9, 15097-8  
 care.....9836  
See also Nutrition  
 (human), infants.  
 Infections.....16847  
 in horses.....7375  
 Inflation...4743, 9952, 19243  
 Argentina.....28511  
 Canada.....19244-5, 29096  
 China.....4742  
 Cuba.....28481  
See also Prices.  
 Influenza  
 in man.....17117  
 in swine.....22885  
 virus.....11743, 22885  
See also Coryza.  
 Infrared ray.....10118  
 industrial uses...13530,  
 19136  
 Inga  
 pests.....17681  
*Inga edulis*.....6697  
 Inheritance  
 Germany.....19537  
 Injections  
 for horses.....12019  
 for livestock.....16847  
 for plants.....696, 20794  
 Inland Waterways Corp....  
 20227  
 Inositol phosphates...1750  
 Inostemma contariniae....  
 23440  
 Insecticidal plants. See  
 Insecticides, plant  
 sources.  
 Insecticides...68, 79, 3164,  
 3525, 3595, 5446, 12401,  
 12444, 12447, 12771, 17703,  
 17715, 19800, 19905, 23000,  
 23279, 23496, 25261, 27873,  
 27884, 27890, 27903  
 adjuvants....3601, 20269  
 Brazil.....17737  
 chemistry.....12408  
 compatibility. 5582, 27926  
 formulas.....7754, 22996  
 France.....27886  
 grading and standardi-  
 zation.....164  
 insect resistance. 18000,  
 22919, 23137  
 legislation...7762, 22970  
 marketing.....7722  
 oil....3180, 7747, 12772,  
 18012, 18244  
 organic.....22918  
 plant absorption...17707  
 plant sources. 6723, 9582,  
 12389, 17692, 17719,  
 22952, 22962, 22977,  
 26875, 27876  
 bibliographies...5410,  
 7716, 14791  
 regulation and inspec-  
 tion.....3151  
 residues.....28049  
 situation and outlook...  
 3137, 3140, 4689, 17705,  
 17731, 22993
- Insecticides--Continued.**  
 specifications.....3161  
 synerism.....9579  
 tests....3160, 7725, 8043,  
 8134, 17724, 18186, 22964,  
 23198, 23459, 27924  
 toxicity....3178, 12417,  
 12435, 17734, 20304,  
 20591, 22905, 22948  
 trade.....22999  
See also Aerosols;  
 baits and traps, for  
 insects; Dusts and  
 dusting; Sprays and  
 spraying; and names  
 of insecticides.  
 Insectproofing...8158, 8162,  
 12909, 18127  
 Insects...7694, 7702, 12385,  
 17667, 17673, 20011, 22902  
 abnormalities. 3426, 3436,  
 3548, 3562, 3602, 12608-9,  
 23535, 23569  
 Açores.....12656  
 anatomy and physiology..  
 7690, 7693, 7696, 22905,  
 27850, 27863  
 terminology.....17668  
 and disease....552, 564,  
 7707, 7712, 7733, 12419,  
 12453, 17717, 17728, 22953  
 Egypt.....19595  
 Pacific Islands...3653  
 and plant disease...7759,  
 22928  
 Argentina.....3100, 3420  
 as food.....8044  
 as parasites and pred-  
 ators...9785, 9974, 17852  
 as pests.....3136, 3187,  
 10043, 12409, 12455,  
 17687, 17701, 17708,  
 17726, 17736, 20000,  
 22946, 22974, 25376,  
 26071, 27875, 27887, 27893  
 Africa.....12398  
 Argentina.....12425  
 Australia...7714, 12439,  
 17697  
 Brazil.....25220  
 Cameroun.....26129  
 Fire.....22922  
 Fiji.....7726  
 French Equatorial  
 Africa.....26129  
 Hawaii.....17706  
 India.....12443, 27922  
 Ireland.....7744  
 Italian East Africa...  
 17709  
 Italy.....17693  
 Libya.....17721  
 situation and outlook...  
 3153  
 Southwestern States...  
 20608  
 Spain.....20575  
 Texas.....17743  
 U. S. S. R.....15229  
 Venezuela.....26052  
 Australia.....9976  
 beneficial...3103, 3135-6,  
 3187, 12409, 17701, 17726,  
 22946, 27875, 27887  
 biology.....579, 7698  
 bites.....22966  
 breeding places...22928  
 Canada.....3162



- Insects--Continued.**  
 collecting and collections....66,3095, 3104,3499,3515,3567, 3593,3596,8092,8099, 8114,12383,12666,12672 12716,12769,12900, 17962,18181,23147, 26057,27857  
 color....23211-13,23219  
 control....23,3112,3116, 3127,3129,3174,5339, 5355,7751,9582,12390, 16374,17718,17727, 27904,17745,22979-80  
 demonstrations....25873  
 timing.....22942  
 development.....7704  
 dissemination.3111,7760, 17679,22936,22995  
 Ecuador.....647  
 exhibits.....27851  
 flight.....23240,23448  
 folklore.....12374  
 France.....5820,12378  
 habits and behavior.... 3098,12377,12385-7, 15312,15315,17663,20591  
 Hawaii.....15228,17670  
 Helgoland.....17664  
 hibernation.....8049  
 illustrations.3096,3105, 3107,3109,12377,12616, 17708,18068,22912,28171  
 India.....17921  
 Italy.....17672  
 Kansas.....12379  
 larvae.....3105  
 effect of crowding.... 23505  
 longevity.....17947  
 luminescence.23171,28172  
 metabolism.....7700  
 migration.....27858  
 mimicry.....3609  
 names.....8138  
 nomenclature.....17662, 17675,22909  
 nutrition.....12380  
 odors.....17663  
 parasites and predators of....7689,17696,23400, 23449  
 plant relationships..... 23510  
 Platy Island..7692,28163  
 populations.....3123  
 rearing and breeding.... 3444,12709,18046,18135, 23346,28038  
 resistant plants....9543  
 shipping.....5406,28104  
 taxonomy.3097,7701,17674  
 therapeutic use....27860  
See also Aeroplankton;  
 Aquatic insects; Baits and traps, for insects; Biological control of insects; Ecology, insects; Entomology; Forest insects; Fossil insects; Gall insects; Genetics, insect; Household insects; Insecticides; Plants, insect relationships; names and classes of insects and names of their anatomical parts; and subheads parasites and pests under specific subjects.
- Inspection.** See Plants, quarantine and inspection; and subhead regulation and inspection under other subjects.  
 Institut National pour l'Etude Agronomique du Congo Belge..10824,14634, 14696  
 Institut Zernovogo Khoziaistva Iugo-vostoka SSSR.....14685,29488  
 Institutions  
 farming.....21746  
 farms.....666  
 food....9460,14504,15242  
 Great Britain.....492  
See also Cookery, large-quantity.  
 Instituto Agronomico do Norte (Brazil).....24484  
 Instituto Biologico de São Paulo.....3430,17737  
 Instituto de Investigaciones de la Industria Azucarera Cubana...13936  
 Instituto de Investigaciones Económicas Agrícolas (Peru)....14635  
 Instituto de Investigaciones Veterinarias de Venezuela.....26038  
 Instituto Fitotecnico y Semillero Nacional "La Estanzuela" (Uruguay).... 10500  
 Instituto Interamericano de Ciencias Agrícolas, Turrialba, Costa Rica.... 14680  
 Instituto Nacional de la Nutrición (Argentina).... 25061  
 Insulation.....3794,3814, 20101,20334,28388  
 houses.....13066  
 Insurance.....4745  
 accident.....36,19669  
 apiculture....3223,3235, 3258-9,7802  
 Australia.....14055  
 Brazil.....19248  
 citrus.....24643  
 cooperative.....14054  
 corn.....14827  
 crop.....116,9074,9597, 14053,14831-2,19932, 20063-4  
 Australia.....14053  
 drought.....14055  
 flax....9594,14828,20062  
 forest.....27128  
 France.....14050,14054  
 hail.....29097  
 health....458,4744,4746, 14050  
 livestock.....4723,4747  
 Portugal.....23906  
 statistics.....23906  
 tobacco.....14829  
 transportation.....3897  
 Uruguay.....4723  
 wheat.....9596,14051-2, 14826,14830  
 wool.....24645  
See also Social security; and U. S. Dept. of Agr., Federal Crop Ins. Corp.
- Inter-American Conf. on Agr., 3d, Caracas, 1945..** 52,5307,14682,15307, 24914,25207-8,26110,29485  
 Inter-American Inst. of Agr. Sci.....25230  
 Inter-American relations.. 14681,29486  
 education....9294,20065, 25206  
 International agreements and treaties  
 Colombia - United States 5185  
 Mexico - United States.. 644  
See also Trade, agreements and treaties; and subhead agreements under specific subjects.  
 International Comm. on Zool. Nomenclature.12713, 27854  
 International Confederation of Agr.....20488  
 International Coop. Alliance at London..24996  
 International Cotton Com.. 18659  
 International Inst. of Agr.....18516,26105  
 International Labour Conf., 27th, Paris, 1945...29063  
 International Live Stock Expo.....27450  
 International relations... 20398  
See also subhead international under Cooperation, Organizations, Policies and Programs, and Research; and subhead international relations under Veterinary medicine.  
 Interstate Com. Comm. See U. S. Interstate Com. Comm.  
 Interstate Comm. on the Del. River Basin....16419  
 Intubation abomasum of sheep...3020  
 Intussusception in lambs.....22832  
 Inuleae.....738  
 Investments....4875,9341, 24618,25977  
 war bonds....14031,29083  
 Canada.....29082  
 Io moth. See Automeris io.  
 Iodine in animal nutrition.... 16761,24437  
 therapeutic use....7378, 12001  
See also Protein, iodinated.  
 Ions.....10540  
 Iowa Agr. Expt. Sta.240-1 publications.....5585  
 Iowa Corn Res. Inst....241  
 Iowa Duroc Breeders Assoc. 14391  
 Iowa Farm Business Assoc.. 24637  
 Iowa. State Col. of Agr... 3877,21531  
 Ext. Serv. publications.....5585  
 Seed Lab.....5584  
 Ipecac.....19158
- Iridaceae.....15363**  
 Iridomyrmex detectus.23446  
 Iris....1407,10867,16003, 21391,28215  
 anatomy and physiology.. 6201  
 Argentina.....6517  
 breeding.....10908  
 culture.....1415,21474  
 diseases.....6091  
 heredity.....6220  
 propagation.....26786  
 varieties....1458,1486, 6456,6482,6497,6524, 6546,6564,6576-7,6583, 10946,10964,16015, 16164,21365,21372  
 Iris, Japanese.....1525  
 Iris borer. See Macronoctua onusta.  
 Iris versicolor.....15643  
 Irish moss.....13995  
 Iron effect on plants...1043, 6243,6265,10567  
 in animal nutrition.... 12345  
 in blood.....2651  
 in food.....4059,8533  
 in plants.....232,1028  
 in soils.....6756,16300  
 Iron Bridge Grange, Nottoway Co., Va....24933  
 Ironing.....342,5572,5659  
 Ironing boards....343,20464  
 Irradiation effect on plants....978  
 polyploidizing agent.... 23260  
See also Bactericidal lamps; Infrared ray; Solar radiation; Ultraviolet ray; X-ray.  
 Irrigation...1850,1895-6, 1900,1905-6,1913,1921-2, 1929,1931,1938,1944-5, 5703,6736,6851,6856, 6864,6871-2,10076,11353, 16428,16464,16482,20060, 21884,27004,27035  
 agreements.....644  
 Anglo-Egyptian Sudan.... 18721  
 Argentina.....1918,16467  
 Arizona....645,1950,6868, 14907,15302,16472,21866  
 Arkansas.....14962  
 Australia....1902,21849, 27015,27031-2  
 New South Wales..... 1919-20,1943,5319, 16429,21873,21883, 27038,27045  
 Victoria...21842,21844  
 bibliographies.....193  
 Brazil.....16423  
 British Guiana.....9039  
 British West Indies..... 26943  
 California...6876,11309, 20260  
 canals and ditches..... 16461,27029  
 cooperatives.....6865  
 Cuba.....9226,11330  
 Cyrenaica.....21872  
 Dakotas.....27018
- Ioidae.....3412**  
See also names of genera.  
 Ipomoea.....26512  
 Iridaceae.....15363  
 Iridomyrmex detectus.23446  
 Iris....1407,10867,16003, 21391,28215  
 anatomy and physiology.. 6201  
 Argentina.....6517  
 breeding.....10908  
 culture.....1415,21474  
 diseases.....6091  
 heredity.....6220  
 propagation.....26786  
 varieties....1458,1486, 6456,6482,6497,6524, 6546,6564,6576-7,6583, 10946,10964,16015, 16164,21365,21372  
 Iris, Japanese.....1525  
 Iris borer. See Macronoctua onusta.  
 Iris versicolor.....15643  
 Irish moss.....13995  
 Iron effect on plants...1043, 6243,6265,10567  
 in animal nutrition.... 12345  
 in blood.....2651  
 in food.....4059,8533  
 in plants.....232,1028  
 in soils.....6756,16300  
 Iron Bridge Grange, Nottoway Co., Va....24933  
 Ironing.....342,5572,5659  
 Ironing boards....343,20464  
 Irradiation effect on plants....978  
 polyploidizing agent.... 23260  
See also Bactericidal lamps; Infrared ray; Solar radiation; Ultraviolet ray; X-ray.  
 Irrigation...1850,1895-6, 1900,1905-6,1913,1921-2, 1929,1931,1938,1944-5, 5703,6736,6851,6856, 6864,6871-2,10076,11353, 16428,16464,16482,20060, 21884,27004,27035  
 agreements.....644  
 Anglo-Egyptian Sudan.... 18721  
 Argentina.....1918,16467  
 Arizona....645,1950,6868, 14907,15302,16472,21866  
 Arkansas.....14962  
 Australia....1902,21849, 27015,27031-2  
 New South Wales..... 1919-20,1943,5319, 16429,21873,21883, 27038,27045  
 Victoria...21842,21844  
 bibliographies.....193  
 Brazil.....16423  
 British Guiana.....9039  
 British West Indies..... 26943  
 California...6876,11309, 20260  
 canals and ditches..... 16461,27029  
 cooperatives.....6865  
 Cuba.....9226,11330  
 Cyrenaica.....21872  
 Dakotas.....27018



- Irrigation--Continued.**  
 Ecuador.....1926,19178  
 effect  
   on plants.16451,21847,  
     21881  
   on soils...6818,16448,  
     21860-1,21865,25265,  
     26894  
 El Salvador.....11350  
 equipment.....1933,6857,  
     6879,20422,23606  
 farm systems.11328,27007  
 France.....6853,11273  
 history.....21866  
 India.....9884  
 Iraq.....1928  
 Italy.6854,6859-61,6884,  
     11308,11311,11316  
   Sicily.....21897  
 legislation.....6854  
 Libya.....16459,19196  
 Lower California...27034  
 Mexico...11318-19,11334,  
     14236,21855  
 Missouri River Basin...  
     1924,6882,11352,25286,  
     26096-7,27036  
 Montana.....11332  
 Morocco.....8356  
 mosquito-breeding places  
     12745  
 Nebraska....16388,16455,  
     21853  
 New Mexico...1942,15303,  
     27009,27028  
 New Zealand.....21852  
 North Africa.....21881  
 Ohio.....11323  
 overhead.....21857  
 Peru...1930,11343,14022,  
     16478  
 Platte River Valley....  
     21869  
 programs.....16438  
 pumps..12947,20411,21877  
 Rio Grande River Basin...  
     1948  
 Sahara.....21742  
 siphon-tube..1912,20411,  
     21859  
 South Carolina....21886  
 Southwestern States....  
     14906  
 Spain..1936,16426,21843,  
     28439  
 subterranean..6863,16437  
 Sweden.....27006  
 technique and equipment.  
     16440,16476,27012  
 Union of South Africa...  
     21878  
 U. S. S. R..10052,11253,  
     11310,16463,21868,  
     27011,27019  
 Utah.....1934  
 Venezuela.....26098  
 Washington (State).27005  
 water...1897,1911,1933,  
     1936,11321,11336,14914,  
     16458,16475,20169,  
     21872,27012,27024  
 waterlogging.....21865  
 Western States.....21848  
 Wyoming.....27021  
See also under Gardens  
and gardening, Pas-  
tures, and names of  
crops.  
 Ischnomantis.....28215  
 Ischnoptera.....28215
- Item**  
 Isochaetothrips.....12895,  
     18176  
 Isoetes.....26249  
 Isoetes killipii n. sp....  
     10249  
 Isopoda...7914,12439,17865  
   anatomy and physiology..  
     17866  
   diseases.....27990  
   France..7900,12583,28021  
   Helgoland.....17664  
   Ivory Coast.....12569  
   Oniscoidea...7904,12587  
   parasites and predators  
     of.....9974  
   Rio de Oro.....12570  
   See also names of  
     families and genera.  
 Isoptera, parasites and  
 predators of.....9974  
See also Termites.  
 Isopyrum thalictroides...  
     10897  
 Isorhipis marmottani....  
     28039  
 Isothan Q15.....813  
 Isotoma longiflora...20922  
 Isotopes, as tracer  
 elements.....15680  
 Ispettorato Comartimen-  
 tale Agrario, Rome..14019  
 Issidae  
   Mexico.....23357  
   See also names of  
     genera.  
 Istituti di Assistenza e  
 di Beneficenza, Italy....  
     19416  
 Istituto di Allevamento  
 Vegetale, Bologna...10502  
 Istituto Nazionale Fas-  
 cista della Previdenza  
 Sociale.....14316  
 R. Istituto Tecnico  
 Agrario, Florence...15896  
 Itaconic acid.....6300  
 Italian paste.....25069  
 Italy. Direzione Generale  
 della Sanità Pubblica....  
     23835  
 Italy. Milizia Forestale..  
     11521,16662,22062  
 Italy. Ministero  
 dell'Agricoltura e  
 delle Foreste.....8377  
 Ithomia.....28182  
 Ithomiinae.....28182  
 Ivory nuts.....9013  
 Ivory palm.....1693  
 Ivy. See Hedera.  
 Ivy, English. See Hedera  
 helix.  
 Ixodes canisuga kerguel-  
 enensis n. var.....12559  
 Ixodes dentatus.....23125  
 Ixodes persulcatus...17864  
 Ixodes ricinus.....22423  
   control.....17885  
 Ixodidae  
   and disease.....27993  
   See also names of  
     genera.  
 Ixodinae.....23121  
 Ixodoidea  
   East Africa.....12598  
   See also names of  
     families and genera.  
 Ixophorus unisetus...10765  
 Ixora.....5942,10223  
 Izar, G.....27303
- Item**  
 Jaagsiekte. See Jagziekte.  
 Jacareaguana pectinifer...  
     12596  
 Jackbeans  
   diseases....15475  
 Jackfruit.....21660,26417  
 Jacquin, Nicolaus Joseph,  
 Icones Plantarum  
   Rariorum.....5893  
 Jaggery.....19142,24523  
 Jagziekte, in horses.22570  
 Jamaica Agr. Soc.....25177  
 Jams. See Jellies and  
 jams.  
 Japanese, in U. S...24846,  
     24852,24970,25999  
   farm holdings.....25292  
   labor.....14085  
 Japanese beetle. See  
 Popillia japonica.  
 Jar rings.....13260,14809,  
     14956,28257  
 Jars.....5364  
 Jasper County (Ind.)  
   Farm Bur. Coop Assoc....  
     13791  
 Jassid. See Empoasca  
 devastans.  
 Jatropa.....754  
 Jaundice, in swine...3062  
 Jaws  
   of dogs.....27492  
   of sheep.....22836  
 Jeannel, R.....12689  
 Jeeps...3775,8277,13041-2,  
     13046,13051,18303-4,  
     18025,23694,28325,  
     28331,28334,28336  
 Jefferson, Thomas.....679  
 Jellies and jams....4377,  
     8756,8764,9533,13575,  
     13645,13655,24204,28796,  
     28798,28802  
 Australia.....18829  
 India.....24253  
 manufacture.....24256  
 vitamins....25126,25151  
See also Canning and  
preserving; Pears,  
jam; Plums, jam.  
 Jerusalem artichokes.6611,  
     13573,16238,26840  
   analysis and composition  
     13581  
   anatomy and physiology..  
     21726  
   as food.....11671  
   biochemistry.....15694  
   culture....10672,10798,  
     10802,13588  
   fermentation.....23937  
   France.....13554  
   propagation.....15684  
   sugar plant..10798,10802  
   utilization.13548,13588,  
     13623-4,13650  
 Jessenia polycarpa...20696  
 Jewelvine. See Derris.  
 Jews  
   in agriculture....19551  
 Joe-pye-weed.....26808  
 Joe-pye-weed, blue stem...  
     5896  
 John's disease  
   immunization.....22226  
   in cattle.....7638,17043  
   in sheep.....7638,7640  
 Johnny Appleseed. See  
 Chapman, John.
- Item**  
 Johnson grass...1669,9806,  
     15856  
 Jones, G. N., Flora of  
 Illinois.....5909,20646  
 Jones, L. R.....5714,9495,  
     10073  
 Jones, Marcus E..5917,5963  
 Jooste, Philip Eduard  
   Faure.....19843  
 Journalism.....20399-400,  
     20402,25958  
 Juar. See Durra.  
 Juglans. See Walnuts.  
 Juglans nigra. See  
 Walnut, eastern black.  
 Jujube.....24247  
 Juncaceae.....5944,20926  
 Juncus.....5936  
 June bugs. See  
 Phyllophaga.  
 Junior Dairy Herd Impr.  
   Assoc.....24930  
 Junior Farm Clubs, Canada.  
     19679  
 Juniper.....142,22053  
   diseases.....15516  
 Juniper, alligator...6990  
 Juniper, Greek  
   wood.....26440  
 Juniper, Phoenician  
   wood.....26424  
 Juniper, Rocky Mountain...  
     1574  
 Juniper webworm. See  
 Dichomerus marginellus.  
 Juniperus.....10195,20691  
   pests.....8129  
 Juniperus excelsa. See  
 Juniper, Greek.  
 Juniperus pechyploea.  
   See Juniper, alligator.  
 Juniperus phoenicea. See  
 Juniper, Phoenician.  
 Juniperus procera...20711  
 Juniperus scopulorum. See  
 Juniper, Rocky Mountain.  
 Junkers, Germany.....20507  
 Junta Reguladora de la  
 Producción Agrícola,  
 Argentina.....24732  
 Juribello. Stazione  
 d'Alpeggio.....9513  
 Jussiaea uruguayensis....  
     15376  
 Jute...956,1063,4219,14713,  
     18708,18727,21116  
   equipment...18263,23645  
   fiber.....18675  
   India.....4199,20984  
   industry.....25293  
   manufacture.....28674  
   Paraguay.....28706  
   statistics.....25293  
   See also Bags, jute.  
 K preparation  
   insecticide.....8042  
 Kachexid.....17191  
 Kaday gum.....15177  
 Kala-azar, India....28097  
 Kalanchoe.....26796  
 Kalanchoe beharensis.10206  
 Kalanchoe daigremontiana..  
     10525  
 Kalanchoe grandiflora....  
     15350  
 Kalanchoe humbertii...10204  
 Kalanchoe pinnata...26534  
 Kalanchoe stearnii n. sp..  
     15364



Item	Item	Item	Item
Kale...1656,1659,6634,6669	Kelisia.....12753	Kilns	Folon.....23193
as feed.....2448	Kellicott, D. S.....3145	charcoal.....16675	Komarov, Vladimir
varieties.....26853	Kelp.....13991	lumber...143,2149,16653,	Leont'evich..26134,26139,
vitamins.....9665	Kenaf. <u>See</u> Hibiscus,	20109,22114	26161,26178,29482
Kalmia latifolia...16080,	Kenaf.	Kissophagus.....12648	Uchenie o vide u
21480,26758	Ky. Agr. Col. Ext. Serv... 9793	Kitchens..472-4,8295,15039,	rastenii.....26148
Kamloops Forest Dist.	Ky. Agr. Expt. Sta.	25652,28358	Korua n. g.....12599
(Brit. Columbia).....6999	research.....5500,25214	equipment.....5662,5668,	Kostiakov, A.....16448
Kans. Agr. Expt. Sta.	Ky. Sec. of State....4847	8293,23709	Kovalevskii, A. O....26102
Ft. Hays Branch....2415,	Keratitis	remodeled.....23710	Kraftcord.....4168
5496	in lambs.....17553	Klein, Friedrich Wilhelm..	Krasnoïarskii Trest
research.....2346	Keratitis, infectious....	29473	Ovt'sesovkhozov.....19262
publications.....244	2294,2493,22433	Knapp, Seaman A.....15305	Krendowskia.....23117
Kans. Reclam. Assoc..16436	in cattle...16976,17045,	Knaus, Karl.....110	Krimpsiekte.....22264
Kans. State Col. Agr.	27409	Knopvelsiekte	Krizousacorixa.....8044
Ext. Serv.....2544,3026	in goats.....7635	in cattle.....27439	Krusa.....12571
Kapok, <u>See</u> Ceiba.	in sheep.....22433	Knot, of olive.....20869	Krushchev, G. K.....11998
Karite seed cake.....9023	Keren Hayesod (Palestine	Koch, Robert.....14666	Kudzu.....1230,5568,6380,
Karoo bush. <u>See</u> Pentzia	Found. Fund).....29248	Koenikea.....23117	11277,15859,16398,
incana.	Kerosene..5345,11072,17730	Koestler, Guido.....5291	21127-8,21169,21185,
Karoo caterpillar, Union	Kerr, Lawrence.....9208	Kohlrahi.....1588,10583	25728,26639
of South Africa. <u>See</u>	Ketosis. <u>See</u> Acetonemia.	Kohic acid.....15702	as feed
Loxostege frustralis.	Kew Roy. Bot. Gard...1403,	Kok-saghyz....19110,19112	for poultry.....20296
Kathryn Farmers Mutual	6553	anatomy and physiology..	effect on soils...26956
Elevator Co.....18880	Khaddar.....24836	951,1069,1088,10581,	fertilizers.....26981
Katyids. <u>See</u> Tettigoni-	Khadi. <u>See</u> Khaddar.	20961	Hawaii.....10770
idae.	Kikuyu grass.....10526	biochemistry.....15662	planting.....10763
Keet, L. C.....27975	Killington, F. J.....23560	U. S. S. R..10068,15276,	Kirsteiner, Jakob.....5291
Keiferia lycopersicella...		21658	Kuhlmaniella n. g...20677
12843			



- Labeling**...3905,5779,8413,  
13218,13220,15187,  
20156,23830-1,23833,  
28470-1  
See also under specific subjects.  
**Labia minor**.....3627  
**Labiatae**.....15574  
**Labidostomatidae**....7895,  
12574  
See also names of genera.  
**Lablab**. See Dolichos,  
hyacinth.  
**Labor**.....354,4765,5758,  
9101-2,19345,20017,  
20027,25311,25660  
and the armed forces....  
4774,25467  
**Argentina**.....19267  
**Arkansas**.....14963  
**Australia**.....24686  
**Brazil**.....14068,19109,  
19175,29054  
**Bulgaria**.....9090  
**California**.....29114,29435  
**camps**.....271  
**Canada**....4347,9089,14084,  
19264  
directories.....29458  
**China**.....4910  
**Colombia**.....14081  
**costs**.....9798,14975  
Great Britain...25989,  
29117  
**Cuba**.....9096  
directories....100,29458  
economic and social  
status.....14072  
family.....9088  
**Florida**.....5565  
**foreign**...666,4771,4789,  
14085  
**France**....14065-6,19280,  
24895  
**Germany**.....4789,19278,  
19287,24850  
Great Britain...491,9860,  
19283,19456,24655,  
29115,29120  
Wales....9892,29116-17  
**Hawaii**.....28745  
**Hungary**.....4787,4795  
**Idaho**.....9668  
**India**...9044,19194,29110  
**Indiana**.....4783,14975  
**Italian Africa**....14082  
**Italy**....510,9864,14079,  
24658  
**job analysis**.....9092  
**Kentucky**.....20282  
**Latin America**....14017,  
20510  
bibliographies...25185  
**legislation**....88,25387,  
25627,29114  
Sweden.....19288  
Uruguay....19274,19281  
**Libya**.....14083  
**Louisiana**.....24668  
**Maine**.....4762,14984  
**management**....417,4786,  
14075,14803,15063,  
24611,29104  
U. S. S. R. ....9100  
**Mexico**.....14027,19269  
**migratory**....5094,9748,  
14811,15123,20030,24676
- Labor--Continued.**  
migratory--continued.  
bibliographies...20487  
New Mexico.....24659  
New York (State)...4769,  
14999,15123  
organization.....14456  
Spain.....29113  
Pennsylvania.....137  
postwar.....5348,9095,  
9869,14735,20485  
profit-sharing....29214  
programs...153,523,5743,  
19908,25494  
Peru.....20477  
Uruguay.....20477  
recruiting and place-  
ment.....14812,20031  
relations.....19268  
requirements...320,6315,  
14963,24667  
Oregon.....25768  
Rhode Island.....24656  
situation and outlook...  
4760,9093,19186,  
25967,29063,29105  
skilled  
France.....14402  
Germany.....24674  
South Carolina.....9735  
Spain.....14071,19265  
statistics.....87,4770,  
19190,25248  
Sweden.....4767  
training....14802,20047  
Union of South Africa.  
4755  
Tripolitania.....19214  
Tropical Africa...14440  
Tropics.....14063  
Union of South Africa...  
4799,19266  
U. S. S. R....9097,24669  
Uruguay.....19275,24664  
Virginia.....14086  
volunteer.....98,29120  
U. S. S. R.....4764  
Washington (State)..9748  
Wisconsin.....25967  
work management.93,4775,  
5594,5692,9087,  
9796,14088,25737,  
25819,29225  
U. S. S. R....4775,4777,  
4791-3,4796,9091,  
19262,19284,24670,  
28330,29107,29109,  
29112  
youth.....19883  
See also Efficiency;  
Employment; Housing;  
Japanese, Mexicans;  
U. S. Dept. of Labor;  
Wages; Women's Land  
Army; under Children,  
Industry, Prisoners  
of war, Women, Youth;  
and names of indus-  
tries and products.  
Labor-saving devices. See  
Electricity, on the farm;  
Equipment, labor-saving.  
Laboratoire Intersyndi-  
cal de Conditionnement  
des Cotons, Le Havre.9947  
Laboratories...11120,18623  
Laboulbenia.....10288
- Laboulbenia heimi n. sp.**...  
10287  
**Laboulbenia williersi**  
n. sp.....10286  
**Laboulbeniaceae**....10286,  
15399  
**Labour Exchange (China)**...  
4910  
**Lac**.....3509  
**Laccifer lacca**.....3509  
**Lachenalia**.....1562,16162  
**Lacombe Hatchery (Alberta)**  
4613  
**Lactalbunin, as feed**  
for poultry.....27590  
**Lactarius**.....5997,15407  
**Lactation**.....29358,29365  
See also under names of animals.  
**Lactic acid**....4048,5397,  
13374,28755  
bacteria....23986,23996  
**Lactobacillus**.....13636  
**Lactobacillus casei**  
in animal nutrition....  
20559  
**Lactose**.....4048,18573,  
28606,28647  
**Lactuca virus 1 Jagger**....  
15552  
**Ladino**. See Clover,  
Ladino.  
**Ladybeetles**. See Coc-  
cinellidae.  
**Lagarosiphon crispus**.10460  
**Lake Mead**.....27009  
**Lallemandana**.....8056  
**Lamarck, Jean Baptiste**...  
10062  
**Lamb (meat)**  
quality.....30  
regulation and inspec-  
tion.....5487,9651  
statistics.....9624  
**Lambdina fuscicollaria**  
somniaaria.....18097  
**Lambs**....22816,25609,27772  
Australia....4506,18950  
Canada.....13780  
care.....404,7649,  
12290,17585,22846  
costs and returns..4963,  
5763,19490,29235  
diseases....17562,22840,  
27791  
docking.....17556  
feeding and nutrition...  
303,2996-7,2999,  
7628,17544,22823-  
4,25289,27777  
pasture and range.287,  
2995  
Great Britain.....28854  
injuries.....17553  
marketing.....404  
New Zealand.....4963  
parasites....5560,17572,  
27895  
prices.....4506,9616,  
20150-1,28854  
situation and outlook...  
39,9114  
statistics.....5672,9624  
subsidies.....19936-7,  
24758,25655  
trade.....14479  
Union of South Africa...  
13832
- Lameness**.....7157  
in horses....2641,7392,  
12017,12024,17176,  
22555  
in poultry....2765,2804  
in swine.....27835  
**Laminae**.....17920  
**Lamington Natl. Park,**  
Queensland.....10180  
**Laminarissus**.....8078  
**Laminitis**.....7395  
therapy.....2655  
**Lampetia equestris**....7986  
**Lamps**.....13132,20188,  
28387  
bactericidal. See  
Bactericidal lamps.  
**Lanarth Garden**.....6526  
**Lancaster County (Pa.)**  
Tobacco Growers' Coop.  
Assoc.....13976  
**Land**.....5734,9592,20498  
Alabama.....5008,14249  
Appalachian Region.25288  
appraisal....9863,24888  
Sweden.....29216  
Argentina.....9889,19815  
bibliographies....14762  
cadastral surveys..1796,  
9077,9183  
Brazil.....24767  
Italy.....20611  
Uruguay.....19453  
Canada.18403,24879,29431  
classification....9214  
Colorado.....5489  
Ecuador.....19518  
Great Britain...9900  
clearing....9798,10098,  
11550,18221,19482,  
20165,23600,24879  
equipment.....9798  
Colorado.....19184  
conferences and con-  
gresses, Uruguay..24860  
consolidation of hold-  
ings  
France....14262,14338  
Germany....4991,19434,  
19466,24611,24878  
cut-over  
Washington (State)....  
20358  
Denmark.....19185  
economics.....14212  
Ecuador.....29081  
grading.....16461,21844  
grants..9909,29185,29189  
Sakhalin.....14024  
Great Britain.....15125  
Guadeloupe.....24776  
human relationships....  
5735,9865,20604,24764  
Idaho.....24785  
improvement..1800,24848,  
27062  
Italy.....6854  
Missouri.....25748  
Virginia.....14758  
inheritance  
Germany.....14344  
India.....9075  
irrigated.....29260  
Kansas.....25633  
Korea.....29060  
legislation..9637,25292,  
29194  
Argentina.....20494  
France....14262,14347,  
14379



Item	Item	Item	Item
Land--Continued.	Land--Continued.	Land--Continued.	Land--Continued.
legislation--continued.	settlement and coloni-	statistics	utilization--continued.
Great Britain.....9209	zation--continued.	Australia.....18491	Baltic States....15117
Hungary.....9212	Australia--continued.	subdivision.....5732	Brazil.....9048,19175
Italy.....6854	Tasmania.....19215	India.....9884	British Guiana....9039
Mexico.....24602	Belgian Congo...14305,	submarginal.....1802	Canada.....9257,9260
Turkey.....24816	14315	surveys	China.....29254
leveling.....14909	bibliographies...5279	Great Britain....29181	control.....20604
Louisiana.....19544-6	Bolivia.....14699	Michigan.....5739	Germany.....5741
Mexico.....29072	Brazil....15127,19502,	Sweden.....29215	Great Britain....5725,
military.....4922,24601	19504,19512,19517,	taxation.....14759,19253	9258,9882
nationalization...15125	29054	Argentina.....19256	Scotland.....24880
Great Britain....4981,	Canada.....4966,4972,	Brazil.....19254	Idaho.....235
9251,25986	14303,14306,19506,	Denmark.....14062	legislation....14763,
U. S. S. R.....4986	27135	Germany.....5741	25997
Nebraska.....25751	Quebec..4974-5,6960,	Great Britain....14062	maps.....19503
Oregon.....29207	9228,22021	Italy.....9076-8	Mexico.....4715,29250
policies.....20604,25318	Saskatchewan...19527	Uruguay.....24649-51	Middle Atlantic
Argentina.....9218	Vancouver Island....	tenure.....4983,9245-6,	States.....14348
France.....14224,14351	4967	9857,19186,24873,	Missouri River Valley.
Great Britain....9882,	Colombia....5018,9227,	25292,25983	25486
14263,29213	9231,9239,9273,	Alabama.....19538	New England.....14348
Hungary.....19469	19508,19526	Amazon Valley....1781	New Zealand.....24881
Missouri River Basin..	cooperative, Nigeria..	Argentina..14342,14345	Nigeria.....5034
25629	24847	Austria.....14335	Nyasaland.....24882
U. S. S. R.....484	Costa Rica.....29245	Bechuanaland....9890	Oklahoma.....5545
prices..302,14352,14354,	Ecuador.....9241,19518	Brazil.....9048,19175,	postwar.....9167
19544-6,25751,	Eritrea.....14314	19204	study and teaching.196
29066,29257	financing.....29248	Central America...9211	Sweden.....28518
Hungary.....5012	France.....14310	China.....24578	Utah.....309
North Carolina...24886	Germany....9243,24850,	Colombia..14337,19530,	Washington (State)....
Sweden.....29216	24854,24861,24863,	24607	19503
productive capacity....	24911	colonies'.....20490	Western States....7123
11296	Great Plains.....4979	Cuba.....24876	values.....5006-8,5011,
public.....2049,4917,	Gulf of Guinea..14322	France.....4992	5013-14,5016,9114,
14249,14641,15143,	history.....14318	Germany....4990,19535,	9261-2,9264,9820,
16563-4,24817,	Italian Africa..14030,	19537,19540	14353,14355,19179,
25998,29098	14292,14299,14302,	Great Britain....4993,	24884-5,24887,25983,
Alaska.....20093	14307,14324,19516,	9253,9882,14339,	26951,29259-60
Canada.....16712	19519	19532,24870-2,25986	Arkansas.....24888
Dominican Republic....	Italian East Africa...	Scotland.....9875	Australia.....9263
29098	14014,14304,14308,	history.....9910,19532	Ecuador.....19178
Hungary.....14267	14312-13,19198	Hungary.....4994	Great Britain....24883
Italy.....19416	Italy.9202,9232,14230,	Illinois.....25824	Idaho.....9667
legislation.....25997	14291,14300,19520	India.....9248,9884,	Nevada.....14992
New Mexico.....14334	Kenya.....29246	19194,19205	North Dakota....19543
Southwestern States...	legislation	Italy.....510,9249-50	postwar.....486,5330
20608	Libya.....19515	Japan.....24608	zoning.14317,29194,29212
purchase and sale..14354	Libya...14083,14295-6,	Louisiana.....4982	See also Assessment;
France.....14351	14301,14313,14320-1,	Mexico.....4987,24602	Farms and farming;
Great Britain....24890	14323,14327,14329-	Midwest.....25818	4-H Clubs, land
reform.....5736	30,19513-14,19525,	Minnesota.....24641	utilization; Frozen
Brazil....19204,19206	24592	Mississippi.....19213	lands; Homesteading;
Europe.....515	Massachusetts...19970	New York (State)..488,	Reclamation; Rent;
Germany.....20507	Mexico.....4978,29072	4985,9255	Soils; Tenant-right
Hungary.....29188	Michigan.....254	New Zealand.....19529	valuation; Town and
India.....9044	Morocco..14331-2,29243	Pacific Islands..19536	country planning; Vet-
Mexico....4855,14018,	New Mexico.....29242	Peru.....19534	erans, land settlement.
24602,29175	Palestine...4973,9236,	Poland.....20493	Land army. See Labor,
Poland.....9862	9240,14293,14427,	Rumania.....29184	volunteer; Women's Land
Rumania.....29184	24616,24844,29248	Sierra Leone....4988	Army.
Uruguay.....24773	Paraguay.....19524	Southwest Intermoun-	Land-grant colleges...301,
Venezuela.14221,14231,	Peru.....4704	tain Region.....44	19574,19576,19586,
19424,29074	Poland....19507,19523	Spain.....24869,29249	19594,19601,19649,
Yugoslavia.....19440	Sakhalin.....14024	Tonga.....29079	19658
settlement and coloniza-	Southeastern States...	Union of South Africa.	directories.....14
tion...4977,5876,9276,	24848	9252	Landscape gardening..1459,
14317,14319,14328,	Spain.....24858	Uruguay.....24877	1463,1467,1530,1558,
Africa....14294,14326,	Texas.....19505	titles.....24875	6458,6470,6472,6538,
16323	Tasmania.....14311	Canada.....29449	6556,6563,6566,6585,
Alaska.....9234,14346	Tripolitania....14316	utilization...1802,4995,	6593,9854,10814,
Algeria.....14297	Tunisia.....19181	4997-5002,5004,	10819,10870,10928,
Argentina.19367,19510,	Union of South Africa.	6962,9256,9259,	10942,10972,10989,
20494,24845,24857,	19207	10066,11463,14915,	11004,16007,16016,
29071,29247	Uruguay.....24859	14918,16325,16328,	16108,16111,16132,
Asia.....9887	Venezuela.14026,19201,	19542,29073,29197-8,	16168,21357,21362,
Australia....4716,4998,	25972	29251-2	21364,21371,21411,
19179,19511	Wisconsin.....23968	Asia.....9887	21412,21446,21448,
New South Wales.....		Australia.....29253	21529,21545,26738,
23903			26740,26767



- Item**  
 Landscape gardening--Continued.  
   Canada.....10995  
   community.....1406,6589  
   hillside.....1401,6398  
   See also 4-H Clubs, gardens; Roadside planting.  
 Lanfranchi, A.....16856  
 Langstroth, L. L.....23057  
 Laniatores  
   India.....23132  
   See also names of families and genera.  
 Lanolin.....15436  
 Lansing Hatchery.....8936  
 Lanza, Domenico.....29469  
   publications.....29469  
 Laparocerus (Drouetius)  
   n. sgen.....12656  
 Laphygma frugiperda.....7740,  
   18115  
 Larch.....20901,20906  
 Larch, European.....11477,  
   27153  
   culture.....10657,21041  
 Larch, western.....1543  
 Lard.....4140,8888,  
   13738,17653,25613  
   futures.....25362  
   statistics.....9624  
   trade.....15208  
 Large milkweed bug. See Oncopeltis fasciatus.  
 Laringosil.....16804  
 Larix decidua. See Larch, European.  
 Larix occidentalis. See Larch, western.  
 Larkspur. See Delphinium.  
 Larvicides.....12732-3,23229,  
   23316,23329,27882,  
   28111-12,28114  
   oil.....23167  
   tests.....8029,18012,18026  
 Laryngitis, in sheep.....22826  
 Laryngotracheitis  
   in poultry....7491,7493,  
   7501,12118,17305,  
   17309,17338,17340,  
   27626,27633  
 Laserwort.....13997  
 Lasioderma serricorne.....27924  
 Lasius niger alienus  
   americanus.....23448  
 Late blight  
   of potato....248,842,884,  
   964,5595,6089,6106,  
   6114,6116,6121,6127,  
   6130,10336,10359,  
   10367,10376,15087,  
   15469,15493,15500,  
   15524,20834,26333,  
   26341,26363  
   of tomato....902,10351,  
   10376,26362  
   See also names of causal organisms.  
 Laterite soils.....21693  
 Latex.....15723,24487  
 Lath.....14847  
 Lathyrus hirsutus. See Pea vine, rough.  
 Lathyrus japonicus.....878  
 Lathyrus latifolius.....26737  
 Latrines.....3462,8346  
 Latrodictus.....17852  
 Latrodictus mactans.....17850,  
   17867
- Item**  
 Laundering.....5570-1  
 Laundry carts.....5661  
 Lauraceae.....10169  
 Laurel alcohol, sulfonated.....26463  
 Lauryl isoquinolinium bromide. See Isothan Q15.  
 Laval Univ., Quebec.....22168  
 Lavender.....10516,10829  
 Lawns.....1538,6572,6692,  
   10891,10918,10952,  
   16074,16087,16123,  
   21354,26780  
   diseases.....298  
   pests.....298,3130,25371  
   seasonal care.....16166  
   See also Grasses; Turf.  
 Lead arsenate  
   insecticides.....3601,  
   20269,23006,27917,  
   28049  
   residues.....28786  
 Leadership.....19919  
   rural...5112,5418,19564,  
   24974  
   See also 4-H Clubs, leadership.  
 Leaf blight  
   of Japanese maple..20171  
   See also kinds of leaf blight and names of causal organisms.  
 Leaf curl  
   of Bessey cherry...20340  
   of peach.....10349,10364  
   of plum.....20340  
   of sand cherry.....25783  
   See also names of causal organisms.  
 Leaf mold.....11446,16555  
   of tomato.....26364  
 Leaf roll  
   of potato.....917,923,10524,  
   15548,25892  
   See also Phloem necrosis.  
 Leaf scald  
   of sugarcane.....10383  
 Leaf spot  
   of coffee.....15467  
   of peanut.....6067  
   of sorghum.....26327  
   of sugar beet.....26347  
   See also names of causal organisms.  
 Leafhoppers.....6067,12788  
   See also names of genera.  
 League of Nations.....9938  
 Leak, of potato.....20812  
 Leandra.....20680  
 Leases.....14336,14341,14731,  
   19892,24874,25736,  
   25824  
   Canada.....9254  
   France.....14347,19531,19539  
   Germany.....19533  
   Great Britain.....19541  
   Italy.....9247  
   Peru.....4989  
   Spain.....4984,24867-8  
   Uruguay.....24877  
 Leather.....4511,4514,4516,  
   8883,15181,18973  
   analysis and composition.....13772  
   byproducts, as feed, for poultry.....12076  
   Chile.....5796
- Item**  
 Leather--Continued.  
   Colombia.....5797  
   drying.....24380,28919  
   Ecuador.....5798  
   fiber.....28894  
   industry.....18415  
   moldproofing.....18973  
   Peru.....5799  
   substitutes.....5781  
   technology.....28917  
   See also Hides and skins; Tanning.  
 Leavenworthia.....10439  
 Leaves.....5476,10441,10454  
   anatomy and physiology..1018,6180,6211,10440,  
   10479-80,10493,10598,  
   26522  
   as feed.....7119  
   as fertilizer.....21984  
   biochemistry.....10622  
   color.....21539  
   See also Foliar diagnosis.  
 Lecithin.....4692,13993,29051  
 Leek moth (Great Britain). See Acrolepia assectella.  
 Leeks.....3591,6665,21580,  
   26966  
 Leeuwenhoekia paradoxa  
   n. sp.....7883-4  
 Legislation.....5731,9158,  
   19920,25245,25351  
   Argentina.....9111,14173  
   bibliographies....14786,  
   14855  
   Bohemia and Moravia.....9206  
   California.....23949,24714  
   Chile.....9333  
   France.....19531,19539  
   Hungary.....4840  
   Illinois.....24724  
   Italy.....9152  
   Mexico.....24717  
   Michigan.....16157  
   Spain.....9108  
   Switzerland.....9123  
   U. S. S. R.....5145  
   See also names of acts; and under specific subjects.  
 Legs  
   of horses....12035,22558  
   of insects.....3109  
   of poultry...17343,17362  
 Legumes  
   anatomy and physiology..10459,26492  
   as feed.....20415  
   as fertilizer.....5509,5512,  
   5518  
   Australia.....1206  
   biochemistry.....15733  
   Canada.....1215  
   Colombia.....1232  
   culture.....10002,10674,  
   15850  
   diseases.....20769  
   effect on soils....1829,  
   1852,1874,6821-2,  
   6917-18,11272,20415,  
   25745-6,25835-6,  
   25852,26977,26982  
   fertilizers.....11225,11231,  
   21774,21802,27099  
   for pastures.....1250,10747,  
   14997  
   forage plants.....20978,  
   21131,26616,26623
- Item**  
 Legumes--Continued.  
   harvesting.....18284  
   honey plants.....1250  
   injuries.....20769  
   inoculation.....7,1767,  
   11171,11178,14977,  
   20315,21713,21716,  
   21718,25714,25726,  
   26912  
   nitrogen fixation..1771,  
   6767,11408,16307-9,  
   21716  
   pests.....23206,23474  
   pollination.....12488  
   regulation and inspection.....20315  
   seeds.....30,1099,4636,  
   5370,9549-50  
   sprouts.....14560  
   varieties.....15855  
   vitamins. ....1093,14571  
   See also Modules, plant; Silage, grass and legume; Silage, legume; and names of legumes.  
 Leguminosae.....10458,20695  
 Leicbunum.....12571  
 Leicbunum gordonii n. sp...27995  
 Leishmaniasis, in dogs  
   diagnosis.....27487  
 Lema melanopa.....23216  
 Lemon barley water.....24230  
 Lemon-grass oil.....4534,24427  
 Lemoniidae.....18100  
   See also names of genera.  
 Lemons  
   anatomy and physiology..26407  
   costs and returns..19496  
   diseases.....307  
   fertilizers.....6858  
   harvesting.....19496  
   irrigation.....6858  
   juice and sirup....24257  
   labor.....29118  
   marketing.....24197  
   North Africa.....15941  
   pests.....3597  
   pruning.....6417,15947  
   storage.....18824,28800  
 Lend-lease.....519,524,2122,  
   5186,5757,9372,10075,  
   20507,24571,25033,  
   25035,25653  
 Lentils.....21591  
 Leonian, Leon Hatchig.....14669  
 Leontodon taraxacoides....26222  
 Leonurus sibiricus.....20912  
 Leopard moth. See Zeugera pyrina.  
 Lepidoptera.....3548  
   Argentina....3561,12812-13,12853  
   as pests.....12817  
   collecting and collections.....3596,12807,  
   12862,18116,18139,  
   23461-2,28208  
   color.....12833,12855  
   distribution.....23514-15  
   Great Britain.....3101,28170  
   habits and behavior..3555  
   India.....18144,28203  
   Iran.....12865,28210  
   Ireland.....8092,12807



- Item**  
 Lepidoptera--Continued.  
   migration.....3561,3570,  
     23450  
   mimicry.....18122,23481,  
     28195,28204  
   North Africa.....12837  
   Palearctic.....23515  
   parasites and preda-  
   tors of.....7691  
   Patagonia.....18105  
   rearing and breeding....  
     28189  
   Shetland Islands.....3554  
   taxonomy.....3574,18100  
   See also Butterflies;  
   Caterpillars; Moths;  
   and common group  
   names and names of  
   families and genera.  
 Lepidosaphes beekii.18063,  
   28147  
 Lepidosaphes ulmi...18077,  
   23378  
 Lepisma saccharina...25863  
 Leprosy.....17998,18044  
 Leptinotarsa decemlineata.  
   12436,23142-3,23152,  
   23199,26054  
   control.....12627,23142,  
     23161,23197-8,23200,  
     23217,28034,28049  
   France.....12623,15232,  
     17915,17957-8,23158,  
     27886,28024,28026,  
     28037,28050,28053  
   Great Britain.....23169  
   Netherlands.....7956  
   parasites and preda-  
   tors of.....23150,28047  
   Portugal.....17956  
   Spain.....7916,23173  
   Switzerland.7967-8,12678  
 Leptochilus atlanticus....  
   8071  
 Leptodactylon.....26245  
 Leptogastriinae.....17976  
 Leptoloma cognatum...20716  
 Leptoneta corsica n. sp...  
   7889  
 Leptospermum.....26775  
 Leptospirosis  
   in cattle.....22412  
   in dogs.....22516  
 Leptostylis.....5942  
 Leptura, France.....7973  
 Lerodea julia n. sp..28185  
 Lespedeza.....6371,26644  
   as feed.....9842  
   culture.....9842  
   irrigation.....14962  
   pests.....23495  
 Lespedeza, Chinese...1226,  
   9653,16398  
   effect on soil.....26956  
 Lespedeza, Korean....9675,  
   25787  
 Lesser grain borer. See  
   Rhizopertha dominica.  
 Lestodiplosis floridana  
   n. sp.....23255  
 Lethane.....12582  
 Lethbridge (Alberta)  
   Co-op. Packers Ltd..13825  
 Lettuce  
   anatomy and physiology..  
     10584  
   culture.....1623,6644,  
     6647,26845
- Item**  
 Lettuce--Continued.  
   diseases..926,6071,6158,  
     15425,15443,15521,  
     15552,25761  
   harvesting.....16227  
   seed.....1048  
   varieties.....6630,16233,  
     20254,21607,26833  
   yields.....16227  
 Leucadendron, silver.12683  
 Leucania zea.....12817  
 Leucocytes.....7261,11998  
 Leucocytozoon  
   in turkeys.....22678  
 Leucorum vernum.....16134  
 Leucolinum trinidadense  
   n. g., n. sp.....17862  
 Leucophaea maderae...18163  
 Leucotermes lucifugus....  
   12893  
 Leukemia  
   lymphatic, in dogs.22522  
   See also Leukosis.  
 Leukosis  
   in cattle.....11896  
   in dogs.....11964  
   in poultry..2780,7466-7,  
     7470,7480,22656,  
     22679-80,22682,  
     27609,27619  
   control.....22670  
   immunization.....17322  
   India.....17324  
   resistance..2819,27615  
   transmission.....2820  
   in turkeys.....7476  
 Leveillula taurica...26302  
 Levels.....3665  
 Levulose.....13954  
 Lewisia kellogii.....21490  
 Ley farming.....6827  
   costs and returns..19499  
   Eire.....1213  
   Great Britain....11834,  
     15815,15823,21141,  
     21188  
   See also Field crops,  
   rotation with pasture;  
   Grasslands, farming.  
 Liancalus limbatus...7992  
 Liatris pycnostachya..6578  
 Libellulidae.....23543  
   See also names of gen-  
   era.  
 Libocedrus decurrens.  
   See Incense cedar,  
   California.  
 Libraries....487,514,5071,  
   5090  
   Australia.....24926  
   Canada.....481,19664  
   college.....24968  
   Great Britain....19570  
   rural...9281,19664,29284  
   U. S. S. R.....9281  
   See also U. S. Dept. of  
   Agr., Library.  
 Licania rigida.....6724  
   See also Citicica oil.  
 Lice  
   and disease.....23565  
   control.....8162-3,17680  
   on cattle.....3643,8161,  
     12456,27899  
   on goats.....23568  
   on livestock..3186,28245  
   on man.....8158,8164-6,  
     12908,23565
- Item**  
 Lice--Continued.  
   on poultry....3641,3644,  
     5388,7729,23566  
   on sheep.....27895  
   on swine.....3642,5493  
   See also Anoplura;  
   Mallophaga; and names  
   of families and genera.  
 Licensing  
   Southern Rhodesia..29323  
   Union of South Africa...  
     19454  
   See also Dogs, licens-  
   ing.  
 Lichens...721-2,26292,26300  
   anatomy and physiology..  
     6191  
   Arkansas.....20746  
   Guadeloupe.....10280  
   Italy.....26293  
   New Mexico.....10032  
   Portugal.....6012,26297  
   South America.....15405  
   Sweden.....26282  
   See also names of fam-  
   ilies and genera.  
 Light  
   effect on  
     insects.....3175,8108,  
       15315,23553  
     nitrogen fixation....  
       11409-10  
     plants..999,1049,1071,  
       6224,6233,6278,6290,  
       10372,10522,10533,  
       10562,10892,16137  
     poultry...12091,12161,  
       17433,22612,22759  
     trees.....10655  
   See also Photoperiodism  
   in plants; Photosensi-  
   tization; Phototropism;  
   Poultry, egg produc-  
   tion, effect of light.  
 Lighting.....3846,13136,  
   13140,18382,28422  
   See also Lamps; Poul-  
   try, housing, light-  
   ing.  
 Lightning.....20752  
 Lightning rods.....12930,  
   23572  
 Ligidium.....12561  
 Ligiidae.....28006  
   See also names of gen-  
   era.  
 Lignin....6752,7042,11560  
   plastics.....27205,27226  
 Lignite.....11138  
 Lignumvitae.....11509  
 Ligustrum.....1050  
 Ligyris tumulosus....7740  
 Likwid-Gro.....16107  
 Lilac.....1400,1420,1438,  
   1440,1483,6515,  
   16052,21451  
   varieties.....26799  
 Liliaceae.....5944,6703  
 Lilium cathayanum....5931  
 Lilium longiflorum. See  
   Lily, Easter.  
 Lilium sargentiae. See  
   Lily, Sargent.  
 Lily.....10910,21380  
   culture.....10984,16088,  
     16141,26751  
   diseases.....10397,  
     20873,23354
- Item**  
 Lily--Continued.  
   pests.....23354  
   Switzerland.....16154  
   varieties.....1506,6602,  
     21508,21533  
 Lily, David.....26806  
 Lily, Easter...6056,10911,  
   16064,21009,21516-18  
 Lily, regal.....1456  
 Lily, Sargent.....20933  
 Lily-of-the-valley...6520  
 Lima bean pod borer. See  
   Etiella zinckenella.  
 Lima bean vine borer. See  
   Monophtilota pergratialis.  
 Lime.....9626,11435,12128  
   analysis and composi-  
   tion.....20314  
   effect on plants...5543,  
     25788,26476,26502-3  
   fungicides....6043,10331  
   in soil improvement.312,  
     1837,5651,6735,6738-9,  
     11127,11134,11168,  
     11261,11426,11433-4,  
     16350,20159,21706,  
     21769,21773,21819,  
     21972-6,25845,25910,  
     26957,26982,27106  
   in soils....11145,21954  
   policies.....24  
   situation and outlook...  
     20159  
   statistics.....6923  
   See also Calcareous  
   soils; Calcium.  
 Lime sulfur, fungicides...  
   859,14776,25783  
 Lime tree. See Linden.  
 Limenitis bredowii...23481  
 Limes  
   juice and sirup....24257  
 Limestone.....2030,9725,  
   11434,15301,16543  
 Limestone loam.....6782  
 Limeworks.....23587  
 Liming materials....16544  
 Limnesia.....23115  
 Limnobia bagotense...10457  
 Limnophila.....3442,17970  
 Limnophora, Sweden...23282  
 Limonia.....3441,12693,  
   17968-9,23221  
 Limothrips.....23554  
 Linaceae.....5969  
 Linaleo oil.....13869  
 Linanthrastrum.....26245  
 Linanthus dichotomus. See  
   Gilia dichotoma.  
 Lincoln (Nebr.) Community  
   Canning Center.....13251  
 Linden.....1027,26438-9  
   oil.....8897  
   wood.....27199  
 Line Elevators Farm  
   Serv., Winnipeg....24499  
   publications.....25183  
 Linen.....20525  
 Linkage  
   in insect heredity.17999  
   in plant heredity...979  
 Linkous, Lee.....1962  
 Linnaemya, Africa....8015  
 Linnaeus, Carolus...23493  
 Linognathus cervicaprae...  
   18191  
 Linseed. See Flax, seed.  
 Linseed meal.....56



- | Item   | Item   | Item  | Item  |
|--|--|---|---|
| Linseed oil...56,215,8903  | Livestock--Continued.  | Livestock--Continued.   | Livestock--Continued.   |
| analysis and composi-<br>tion.....19072  | Australia.....2360,4497,<br>18953,23903,23909,<br>24353,29094  | feeding and nutrition--<br>continued.   | parasites--continued.   |
| Argentina.....19045  | Belgian Congo.....13829  | use of substitutes....<br>2274,11667,<br>16742,16745  | Brazil.....16830  |
| as fuel.....28936  | Belgium.....20545  | fertility.....2233,2236,<br>7172,7365,11635,<br>16732,16736-7,16740-<br>1,22182,27261   | economic aspects..2307  |
| processing.....28943   | Bolivia.....14699  | France..4460,13691,13740,<br>13760,14172,29080  | Peru.....8844   |
| Linum mysorense.....20913  | Brazil..9048,18911,28881   | French Colonies...13761   | pests.....3155  |
| See also Flax.   | breeds and breeding.566,<br>2239-44,11633,11637-<br>8,11641,16738,16928,<br>19819,22173-5,22177,<br>26042,27263-4,27330  | Germany.....7187,18935,<br>24328,24365  | poisoning.....7165,7179,<br>11706,11717,16796,<br>16809,16829,16832,<br>22231,22244,22263   |
| Liparetrinae.....12633   | bibliographies...11633   | Great Britain.....2239,<br>8855,13830,14151,<br>22286,26107   | Portugal.....4440,23906   |
| Lipase.....23988   | Canada.....11640,16865,<br>24351,28861,28897,<br>28910,28922   | growth.....20540,22285  | postwar.....28491,28861,<br>28864   |
| Lipids.....7809  | care.....570,22281   | Hawaii.....9772   | pregnancy.....2285  |
| Lipoptena depressa....3460   | post partum....16831,<br>16859   | heredity...566,7107-10,<br>9962,11634,11639,<br>11643,11694,16731,<br>16733,16794,22176   | prices..4486,18960,28910  |
| Lipoxidase.....15729   | seasonal...22297,27331   | history.....2359,11769,<br>24318  | control.....3924,13813  |
| Lippia berlandieri...20743   | Chile.....25184  | housing.....13109   | products.....4445,4464,<br>23792,24364  |
| Lippia thymoides.....1701  | China.....7190   | Hungary.....13909,22292   | Brazil.....15167  |
| Liqueurs.....13323,18522   | Colombia.....2357,18921,<br>26117  | identification.....16871,<br>22284,22453  | situation and outlook.<br>9114  |
| Liquidambar. See Sweetgum.   | cooperatives.....16928   | India....4470,7162,7193,<br>26521,25228   | programs.....13740  |
| Liriodendron tulipifera.   | costs and returns.14048,<br>14281,17870,19486,<br>24834  | industry.4463,6812,8848,<br>18929,18931,28871   | purchasing.....5507   |
| See Tuliptree.   | credit.....4737,9061   | Brazil.....24591  | records and testing.269,<br>22288   |
| Liriomyza mesnili n. sp...<br>7976   | digestion.....22255  | Chile.....4425  | regulation and inspec-<br>tion...2332,2344,11755,<br>11758,11770,16873,<br>24365,25346  |
| Lisicerina.....7153  | directories.....27335  | North Africa.....2258   | reproduction.....22562  |
| Lispa.....12716  | diseases...553,563,2290,<br>2298,2306,2310,2321,<br>2332,9956-7,9960,<br>11709,11714,11745,<br>11748,16794,16808,<br>16818,16836,16840,<br>16851,22229,22236,<br>22243   | injuries.....2307,16862,<br>27301   | research...2345-6,2351,<br>2354,8887  |
| Listera australis.....765  | Burma.....2323   | Italian East Africa....<br>22282,22294  | sanitation...7192,16803,<br>22290,27299   |
| Listerella monocytogenes<br>in swine.....3065                                    | Canada.....16791   | Italy...5808,7192,13757,<br>13783,13804,16803,<br>16875,18898,18901,<br>18918,20611   | shows and sales....7180,<br>7185,16865,16876,<br>22291,27330,27332  |
| See also Listerellosis.  | control.....27299  | judging.....7184,11754,<br>11761  | situation and outlook...<br>376,4439,4455,4457,<br>4482,8847,9114,9787,<br>9853,13731,18900,<br>18923,20389,24327,<br>25320,25534,25886,<br>25895-6,28437,28856 |
| Listerellosis  | economic aspects..2307   | Kenya.....558,27334   | slaughtering.....16869  |
| in cattle.....27417  | Great Britain...7155,<br>22246   | leasing.....25736   | South Dakota.....15016  |
| in goats.....3009  | India.....2323   | legislation..8829,11770,<br>18941   | Southwestern States....<br>20608  |
| in sheep.....27417   | transmission....16861  | Libya.....24592   | Spain...2347,2356,22283,<br>22299,24345,27333,28880   |
| in swine.....3065  | Europe.....550,8839  | Luxembourg.....16873  | statistics...4527,5384,<br>13830,18483,19939,<br>20184,20521,23902-3,<br>23906,23909,25248,<br>25563,25598,28512,<br>28921-2                                    |
| See also Listerella<br>monocytogenes.  | farms and ranches..9772,<br>11757,11760,11762,<br>16870,18910,29206  | market reports....25518,<br>25528,25542,25597,<br>25599   | subsidies...13813,29173   |
| Listers.....18251  | diversified.....401  | marketing....5507,8864,<br>13784,13791,19939,<br>28897-8,28901  | surgery.....547-8,2308,<br>16785,16819,22228  |
| Listroderes.....12787  | feeding and nutrition...<br>2245,2252,2254-6,<br>2261,2272,2276,7115,<br>7117,7120,7133,8860,<br>11657,11666,11672,<br>11675,11679,16736,<br>16746,16748-9,16753,<br>16820,22178,22184,<br>22186,22191,22194,<br>22196,22201,22205-6,<br>22208,22215,27265,<br>27275,27277,27288,<br>28905 | Canada.....25026  | Sweden.....28518  |
| Litchfield Co. (Conn.)   | bibliographies..11648,<br>11690  | Great Britain...28895   | Tanganyika.....27334  |
| Artificial Breeding Assoc.<br>2383   | deficiencies.....2266,<br>11647,16768,22200  | metabolism.....22260  | taxation.....9083,24652   |
| Literna.....8056   | equipment.....23735  | Mexico.....14236,28862  | trade.....25026   |
| Lithiasis. See Calculi.  | pasture and range.....<br>2260,16772,22182,<br>22190,22265,27266,<br>27278   | Minnesota.....23902   | transportation.538,2347,<br>2352,4479,8859-60,<br>8863-4,13783,18941,<br>18953,24351,24353,<br>28900,28904-5  |
| Lithocarpus...10182,10446,<br>26185  | seasonal...11646,11651   | Missouri.....7180   | Tropics.....10043,15221   |
| Lithocharis ardenus n. sp.<br>3431   |  | New Mexico...18932,24329  | Tunisia.....19181   |
| Lithophilus.....12666  |  | New Zealand...4464,28886  | Union of South Africa...<br>27278   |
| Little fire ant. See<br>Wasmannia auropunctata.                                  |  | North Africa.....22287  | U. S. S. R...2350,18927,<br>28888   |
| Little leaf  |  | Northwestern States....<br>27335  | Uruguay.....2344,4459,<br>14281,18897,18960,<br>19486,27334,28855   |
| of fruit.....10606   |  | Norway.....22289  |   |
| of mine.....6  |  | parasites...552,564,573,<br>2306,2337,3168,5357,<br>7746,9785,11731,<br>12708,15212,15220,<br>16835,17870,27302,<br>27309,27892,28245 |   |
| Little potato disease..876   |  |   |   |
| Liver  |  |   |   |
| of animals.....11652   |  |   |   |
| of dogs.....7339   |  |   |   |
| of fish.2723,25148,29418   |  |   |   |
| See also Fish-liver oil;   |  |   |   |
| Telang livers.   |  |   |   |
| Liver fluke  |  |   |   |
| in cattle.....11851  |  |   |   |
| in sheep.....2338,3016   |  |   |   |
| Liverworts. See Hepaticae.   |  |   |   |
| Livestock.....52,550   |  |   |   |
| adaptation....7206,15221   |  |   |   |
| Africa.13831,15221,23298   |  |   |   |
| age.....2300   |  |   |   |
| anatomy and physiology..<br>7174,15216,16864,<br>20540,20549,20554               |  |   |   |
| anomalies.....11694  |  |   |   |
| Arctic Regions.....664   |  |   |   |
| Argentina.....4438,8829,<br>11769,13769,18909-<br>10,20529,24339,<br>28867,28921 |  |   |   |
| associations...2237,2353,<br>2361,16738,28869                                    |  |   |   |



- Item**  
 Livestock--Continued.  
 Venezuela....2332,25208,  
                   26049  
 Virginia.....24331  
 watering.....7121,22244  
 weight and measurement..  
                   22293  
 Wyoming.....11767  
See also Artificial in-  
 semination; 4-H Clubs,  
 livestock; Future Farm-  
 ers of Amer., livestock;  
 Poisonous plants, to  
 livestock; Slaughtering;  
 Spermatozoa; Veterinary  
 medicine; Vitamins, in  
 animal nutrition; names  
 of animals; and names  
 of feeds and of ana-  
 tomical parts, diseases,  
 parasites, and products.
- Item**  
 Loess....1742,1745,1778-9,  
                   1786,1790,1794,1798  
 Log rules.....7015  
 Logging....2122,2124,6310,  
                   7033,7036,11549,  
                   16647,22070,27180-1  
                   27182  
                   Canada.....7035  
                   cooperative.....7035  
                   equipment...5434,11547-8  
                   Gold Coast.....22099  
                   labor.....2121,2125  
                   postwar.....2117  
                   salvage.....2119  
                   selective...142,22096-7,  
                   27182  
                   Tennessee Valley...2110  
                   waste...2120,2181,7034,  
                   16646,22098  
                   See also Log rules.  
 Logs, transportation.2126,  
                   11542,11552
- Item**  
 Lolium. See Ryegrass.  
 Lolium multiflorum. See  
 Ryegrass, Italian.  
 Lolium temulentum....5933  
                   See also Ryegrass,  
                   darnel.  
 Lonchaea splendida...23269  
 Lonchocarpus...75-7,12420,  
                   26196,26207  
 Lonchopteridae.....23281  
                   See also names of gen-  
                   era.  
 Lone star tick. See  
 Amblyomma americanum.  
 Long Island (N. Y.)  
   Farmers' Inst.....24989  
 Longia texensis. See  
 Longula.  
 Longula n. g.....26301  
 Lonicera.....1485,26343  
 Lonicera fragrantissima...  
                   21430  
 Lonicera nitida.....12816  
 Lopes, Ildefonso Simoes...  
                   14658  
 Lophanthus anisatus  
   oil.....24434  
 Lophosoria quadripinnata..  
                   10248  
 Lorantheace.....15619  
 Loranthus.....6683  
 Los Angeles County (Calif.)  
   Agricultural Commis-  
   sioner.....29445  
 Los Angeles County (Calif.)  
   Fire Dept.....27174  
 Los Angeles Mus., Channel  
   Islands Biol. Survey.8018  
 Lotus.....18045  
   honey plant.....23025  
 Louisa County (Va.)  
   Citizens' Council...14438  
 La. Agr. Expt. Sta...1183,  
                   20290,22596,26591  
 La. State Univ.....29028  
 Lovegrass.....15824,19885  
 Lovegrass, Lehmann....1192  
 Lowdermilk, W. C.  
   publications.....20209  
 Lown, Clarence.....1524  
 Loxa.....8061  
 Loxostege frustalis...3605  
 Lubricating oils...18310,  
                   24436  
 Lubrication. See Equip-  
 ment, lubrication.  
 Lucerne. See Alfalfa.
- Item**  
 Lucilia.....3482,7989  
   South Africa.....12721  
 Lucilia sericata. See  
 Phaenicia sericata.  
 Ludius ferrugineus occi-  
   tanicus.....28032  
 Luhea divaricata. See  
 Whiptree.  
 Luisierella.....20735  
 Lumber....2132,16637,22102  
   Alabama.....11543  
   Australia.....6981  
   California.....14847  
   Canada.....2115,2130,  
                   6966,16635,22101  
   Ethiopia.....16641  
   France.....22019  
   Germany.....22090  
   grading and standardi-  
   zation.2111,2113,11551,  
                   15262,22094  
   India.....2065  
   industry.....2129,7037,  
                   11554-5,25439,27183  
   loading.....25443  
   marketing.....2109  
   milling.....7038  
   Nevada.....14847  
   New Zealand.....22100  
   postwar.....2127,2129  
   prices.....16581,25448  
   control.....6969  
   regulation and inspec-  
   tion.....25447,25450  
   seasoning...10375,11568,  
                   20107,20109  
   bibliographies...20099  
   situation and outlook...  
                   144,7028,11462,11544,  
                   15247,15251,16636,  
                   22089,22091-2,27184  
   statistics.....25439  
   trade.....2128  
   transportation.....2114  
   Union of South Africa...  
                   2072  
   See also Kilns, lumber;  
   Sawmills; Timber; Wood;  
   and tree and lumber  
   names.  
 Lumbering  
   Alaska.....120  
   Burma.....7027  
   Canada.....7029  
   equipment.....11546  
   Italy.....7030  
   labor.....16638  
   study and teaching..2228  
   Tennessee.....9276  
   See also Logging; Saw-  
   mills.  
 Lunches...9830,20366,29392  
 school.....59,206,5195,  
                   5608,9379,9396,9639-  
                   40,9642,9988,14508,  
                   14528,14927,14940,  
                   14945-6,14950,15243,  
                   18449,19740,19742,  
                   19753,19755-6,20228,  
                   25058,25067,25070,  
                   25081,25256,25496,  
                   25646,25652,29371,  
                   29373,29386,29389  
   bibliographies...25644  
 Lundbladia.....23115
- Item**  
 Lung worms. See Dictyo-  
 caulus filaria; Mare-  
 strongylus sinicus;  
 Muellerius capillaris;  
 Protostrongylus gracilis.  
 Lupine  
   France.....13999  
   poisonous plant...17577  
   varieties...1199,21512,  
                   26615  
   See also Lupinus.  
 Lupine, European blue....  
                   6376,15821,21751  
 Lupine, white...1094,6198,  
                   27398  
 Lupinus....1442,5964,15359  
   See also Lupine.  
 Lupinus albus. See Lupine,  
   white.  
 Lupinus argenteus...26779  
 Lupinus hilarianus...10619  
 Lupinus peirsonii...21491  
 Luzula.....20692  
 Luzulaspis saueri.....8057  
 Lycena arglades....23472  
 Lycaste tricolor....16028  
 Lychnis coeli-rosa  
   alsinoides.....26452  
 Lycium chinense.....5918  
 Lycopersicon.....10627  
 Lycopersicon pimpinelli-  
   folium. See Tomato, cur-  
   rant.  
 Lycopodiales...10095,10456  
 Lycopodium paniculatum...  
                   10248  
 Lycoris squamigera...10865  
 Lygaeonematus pini. See  
 Pristiphora abietina.  
 Lygidea mendax.....12757  
 Lygus.....68-9,8063,9658,  
                   23376,23402  
   control.....22914,23383,  
                   23404  
 Lygus hesperus, para-  
   sites and predators of...  
                   28166  
 Lygus pabulinus.....23396  
 Lymantria monacha....8100,  
                   28186  
 Lymantria reducta....12439  
 Lymantriidae.....18134  
   See also names of gen-  
   era.  
 Lymph nodes  
   of livestock.....22276  
   of rabbits.....27747  
 Lymphangitis, mycotic  
   in horses.....17179  
 Lymphatic system  
   of livestock.....27298  
   of poultry.....27612  
 Lymphocytoma  
   in dogs.....11960  
 Lymphocytomatosis  
   in cattle.....2464  
 Lymphoma  
   in poultry...22657,22676  
   See also Leukemia,  
   lymphatic.  
 Lymphomatosis. See Leuko-  
   sis.  
 Lynchia americana....3445  
 Lyperosia.....7981  
 Lyperosia exigua...17977,  
                   28065,28081  
 Lypha dubia.....7986  
 Lysenko, Trofim.....19845



- Item  
 Lysimetry.....10047,26890  
 Lysurus sulcatus.....26281  
 Lythraceae.....5957  
 Lythrum.....1679  
  
 Macadamia, Queensland  
   nut.....26730,26733  
 Macaroni.....29051  
 McArthur, E. C.....11360  
 McFadden, E. S.....15268  
 McGuire, John Carson.19618  
 Machaerium.....698  
 Machaerota.....8056  
 Machilidae.....18183  
   See also names of genera.  
 Machine-tractor stations  
   U. S. S. R....9091,9193,  
     28330  
 Machinery. See Equipment;  
   and kinds of equipment.  
 McCloud Blackberry Assoc...  
   24188  
 Macon County (Ill.)  
   Nutr. Com.....29396  
 Macquartia.....12723  
 Macradenia tridentata.....  
   10238  
 Macrocentrus ancylicivorus..  
   23422  
   parasites and predators  
     of.....23414  
   rearing and breeding....  
     23424,23447,27852  
 Macroceras agadirensis.....  
   12785  
 Macrochelifer n. g...12603  
 Macroductylus subspinosus..  
   7925  
 Macrodonia cervicornis...  
   7965  
 Macroglossum.....12818  
 Macrolobium.....10227  
 Macromastix.....17968  
 Macrooctua onusta.....8091  
 Macrophomina phaseoli.....  
   26279  
   See also Charcoal rot,  
     of sorghum.  
 Macrosiphum pisi.3513,8062  
   control.3525,12758,27909  
 Macrosteles divisus..6166,  
   12436  
 Maderomegapus n. g...23115  
 Madiinae.....10453  
 Madrid, Carlos.....4841  
 Madura City (India) Co-op.  
   Milk Supply Union...13393  
 Madura Ramnad District  
   (India) Co-op. Conf..5152  
 Magicicada septendecim....  
   3504,3514  
 Magnesia.....6762  
 Magnesium  
   effect on plants.6228-9,  
     6271-3,10605,  
     15655,21847  
   fertilizers.....11286  
   in animal nutrition.7638  
   in plants....1091,10617,  
     15644,15697,27088  
   in soils...11147-8,27088  
   in water.....11139  
 Magnesium chloride...26546  
 Magnesium sulfate....12127  
 Magnolia.6550,15594,16086,  
   16165,20079,26781  
 Magnolia cordata.....20715  
 Magnolia sargentiana.10862
- Item  
 Magnolia tripetala....6475  
 Magnolia virginiana...6499  
 Magnoliaceae.....10187  
 Magpies.....7186  
 Mahogany.....22099  
   wood.....16680  
 Mahonia.....6109  
 Mahua oil.....24416  
 Maize. See Corn.  
 Maize stalk borer (Union  
   of South Africa). See  
   Busseola fusca.  
 Majorana hortensis...10454  
 Malacomeles.....5953  
 Malaise, Rene.....17921  
 Malaria...5783,23326,23335  
   Africa.....14294  
   Brazil.....18021  
   Central Asia.....28118  
   Ceylon.....8040  
   control.3490,3495,18024,  
     23329,28101,28110,  
     28113  
   Africa.....29287  
   Kentucky.....18036  
   study and teaching....  
     18014  
   Venezuela.....26053  
 Egypt.....19595  
 Europe.....658  
 history.....23326  
 in poultry.3489,17345-6,  
   22662  
 India.....8028,8038  
 Indo-Burmese Region...  
   18009  
 Kenya.....12737  
 Liberia.....18038  
 Mississippi.....14013  
 Near East.....8024  
 Netherlands East Indies..  
   3497  
 New Zealand.....8032  
   study and teaching..5823  
 Switzerland.....18027  
 Texas.....18022  
   therapy.....6710  
   transmission.8022,12729,  
     18010,18015,28103,  
     28109,28120  
   See also Plasmodium;  
     Plasmodium gallinaceum.  
 Mallee (Walpeup, Victoria)  
   Res. Sta.....22816  
 Malleomyces pseudomallei..  
   18013  
 Mallophaga  
   eggs.....18187  
   Neotropical.....18188  
   See also names of fam-  
     ilies and genera.  
 Mallota separata n. sp....  
   17984  
 Malnutrition. See subheads  
   under Nutrition (human).  
 Malpighiaceae.....15352  
 Malt.....15161  
 Malt sirup.....5487  
 Malthodes hirsutotibialis  
   n. sp.....3407  
 Maltose.....13930  
 Maltypus.....12691  
 Malus arnoldiana.....26757  
   See also Crabapples.  
 Malvaceae.....10493,26278,  
   26442  
 Mammary gland  
   of calves.....25367
- Item  
 Mammary gland--Continued.  
   of cattle...7231-2,7289,  
     17044  
 Mammillaria...6535,10217,  
   16090  
 Mammillaria plumosa...6534  
 Mammitis. See Mastitis.  
 Management in Government.  
   See Government, admin-  
   istration.  
 Manettia.....799  
 Manganese.....27095  
   effect on plants...1021,  
     1079,6243  
   in plants.....15720  
   in soils.....27094  
 Manganese sulfate...20993  
 Manganous nitrate...26546  
 Mange  
   on cattle.....17859  
   on dogs.....12565  
   on horses.....17888  
   on guinea pigs....28010  
   on rabbits.....3366  
   on sheep....3368,17890,  
     17904  
   on swine.....23127-8  
   See also Demodex;  
     Psoroptes.  
 Mangels.....6379,25730  
   poisonous plant...11890  
 Mangifera indica. See  
   Mangoes.  
 Mangoes.....1318,21278  
   anatomy and physiology..  
     20998-9  
   culture.....26691  
   diseases.....15424  
   India.....21286  
   juice and sirup...24232  
   pests.....18110,28142  
   regulation and inspec-  
     tion.....19998  
   utilization..24181,24232  
   varieties.....25673  
 Mangolds. See Mangels.  
 Mangrove.....26400  
   bark.....27240  
 Manihot esculenta. See  
   Cassava.  
 Manihot flabellifolia.....  
   26190  
 Manihot tweediana. See  
   M. flabellifolia.  
 Manilkara.....12384  
 Manioc. See Cassava.  
 Manistee (Mich.) Natl.  
   Forest.....16576  
 Manitoba Co-op. Honey  
   Producers.....13718  
 Manitoba Dairy Assoc..4001  
 Manitoba Expt. Farm,  
   Morden.....14692  
 Manitoba Health Plan.9316,  
   9318  
 Manna.....15642  
 Mannington (W. Va.) Dist.  
   Jersey Cattle Club...2371  
 Manson, Sir Patrick..23335  
 Mantidae  
   parasites and predators  
     of.....18093  
   See also names of gen-  
     era.  
 Manure loaders.....9825  
 Manure spreaders.....18254
- Item  
 Manures....1835,1850,2006,  
   2033-4,2040,2042,6940,  
   6942-3,6949,6951-3,  
   9688,9719,9745,11447-  
   50,16550,16556-7,  
   16560,21982,21987,  
   21989,21991-2,21995,  
   22005-6,22008,25834,  
   25838,27080,27113,  
   27117  
   analysis and composi-  
     tion.....1771,11445,  
       20314,21753,25849  
   application...1818,11453  
   effect on  
     plants.....11226  
     soils.....1832,6805  
   gas.....13038  
   liquid..315,11440,11453,  
     21980,22002,26983  
   poultry..2897,6948,6957,  
     11451,25769,27116,  
     27118  
   rabbit.....22004  
   storage.....18367,28401  
   substitutes.....27110  
   utilization..11426,22001  
   See also Green manures;  
     Guano.  
 Manuscripts.....193  
 Maple  
   anatomy and physiology..  
     15633  
   wood.....5439  
 Maple, Japanese  
   diseases.....20171  
 Maple, planetree.....740  
 Maple, sugar (tree).22073-  
   4,29015  
   management.....2089  
   products.....24531  
   sirup and sugar....8989,  
     29029  
 Mapping.....20212  
   See also subhead maps  
   under specific sub-  
   jects.  
 Marasmius.....15407  
 Marasmius peronatus...6765  
 Marbut, C. F. Soils of  
   the United States....1785  
 Marchal, Paul.....29484  
 Marchantia polymorpha.....  
   10604  
 Margarine.....5240,13403,  
   15186,19069,23972,  
   25544,28930  
   legislation....4533,8558  
   manufacture.....4537  
   nutritive value...25112,  
     25141  
   situation and outlook...  
     4546,4553  
   Union of South Africa...  
     23969  
   vitamins.....14581  
 Marginal farming. See  
   Farms and farming,  
   marginal.  
 Margosa oil....4539,24440  
 Marie-Victorin, Frère.5287  
   writings.....680  
 Marigold.....26744  
 Marihuana.....9951  
 Marilli, O.....22923  
 Marimurtra Botanic  
   Garden (Spain).....26142  
 Marine plants.....20896



- | Item                       | Item                       | Item                      | Item                       |
|----------------------------|----------------------------|---------------------------|----------------------------|
| Maritime Farmer.....19812  | Md. Comn. of State For-    | Meal.....14538            | Meat--Continued.           |
| Maritime Poultry Council,  | ests and Parks.....16717   | pests.....22957           | purchase and sale pro-     |
| Canada.....4570,28966      | Mascarena vershaffeltii... | See also kinds of meal.   | grams.....25357            |
| Markea dimorpha.....759    | 21426                      | Meal planning. See Cook-  | purchasing.....20229       |
| Markers.....23595          | Masicera insignis.....3451 | ery, meal planning.       | quality.....9562,17870     |
| Marketing Act (Union of    | Mass. State Col. Ext.      | Mealybugs. See Pseudo-    | rationing.....8878,13814,  |
| South Africa).....24355    | Serv., publications..9797  | coccinae.                 | 18962,18965,24369          |
| Markets and marketing,110, | Massey Agr. Col. (New      | Measles (plant)           | regulation and inspec-     |
| 3886,8408,8411,15308,      | Zealand).....9481          | of apple.....15525        | tion....4496,4498,4500,    |
| 23819,25395,25429,         | Master Shepherd Project... | Meat.....8838,25613       | 5788,8869,8872-6,          |
| 25545,28435                | 29230                      | analysis and composi-     | 11695,13750,13781,         |
| agreements.....9945        | Mastitis.....22239         | tion.....13774            | 13802,13806-7,13819-       |
| Alabama.....18428          | in cattle.....2455,2467,   | Arctic Regions.....664    | 11,16798,18957,            |
| Argentina.....13210        | 2469,2474,2477,2484,       | Argentina...13812,18912,  | 24360-1,24363,28472,       |
| Australia.....28460        | 2487,2495,2513,7277,       | 20070,24348,28867         | 28879,28909                |
| Brazil.....18440           | 11876,16998,17000,         | Australia...13787,13814,  | situation and outlook...   |
| Canada.8402,13215,18436-   | 22403,22415,27402,         | 18961,28879               | 4431-2,4435,4443,          |
| 7,18444,20528,28461        | 27412,27437                | bacteria....4499,13826,   | 4448,4466,5472,8398,       |
| Colombia.....18446         | control....2473,2475,      | 18936,18967-8,24381       | 8836,8842,8845,8848,       |
| Connecticut..224-5,23812   | 2489,2505,7247-8,          | Brazil...8843,15167,29357 | 9547,9643,9721,9787,       |
| cooperative.3881-2,3889,   | 7258,7261,7265,            | Canada.8878,18943,18962,  | 9853,9950,13731,           |
| 3891,8728,13208,           | 7282,7288,7292,            | 19725,20066,24369,        | 13736,13741,13743,         |
| 13216,23813                | 11860,11871,16997,         | 25657,28922               | 13802,14954,18905,         |
| India.....9355             | 17005,19031,22397,         | canned..4499,13826,24381  | 18924,18938,19939,         |
| Cuba.....8363              | 22408,22429,25685,         | canning.....4515,4524     | 24315,24324,24340,         |
| directories.....208        | 25859,27416,27418          | home.....5416,25802       | 28443,28877,28883          |
| Ethiopia....13212,18427    | diagnosis.....27440        | care and handling.....    | smoking.....28386          |
| Europe.....14134           | Illinois...25854,25856     | 18967-8                   | Spain.....28884            |
| exchanges.....28458        | tests.....2472             | Chile.....4442            | statistics..14870,25546,   |
| farmers.....23828,29076    | therapy.....2496,2507,     | consumption.....14930     | 28922,29357                |
| Germany.....18435,18445    | 7280,7285,11855,           | cooking.....55,9829,      | substitutes..9829,15047,   |
| Great Britain.....3878,    | 11858,11870,11872,         | 15045-6,25651             | 25651,29420                |
| 13209,28465                | 11879,11882,22392,         | curing.....13821,23904    | Sweden.....28876           |
| Guatemala.....8406         | 22425,22432,27403,         | dried.....12640           | trade.....19725            |
| Hawaii.....18438           | 27427,27436                | drying.....8884,9831      | transportation...24354,    |
| Hungary.....3888,8412      | in goats                   | Ethiopia.....18906        | 28899                      |
| India....9884,9932,23874   | control.....27781          | Europe.....13771,24319    | Union of South Africa...   |
| Italy.....510              | India.....12256            | extracts.....18937        | 4465,8880,18954,24355      |
| Kansas.....18434           | in sheep.....3017          | France....8853,13794-7,   | Uruguay..4436,4459,4477,   |
| legislation..18438,20149   | India.....12256            | 13823                     | 4507,18948,18960,          |
| Mexico.....8400            | therapy.....22220          | freezing....13817,13823,  | 24360,24368                |
| municipal.....28453        | See also Agalactia,        | 18970,23904               | Venezuela.....13749        |
| New Zealand.....3898       | contagious; Clostri-       | French Colonies...13175   | waste.....19963,25325      |
| Oregon.....8399            | dium perfringens;          | frozen.....4521,28493     | as feed                    |
| postwar.....3900-1         | Streptococcus agalac-      | Germany.....24344,24363   | for poultry....7457        |
| programs.....9507          | tias.                      | Great Britain....13788,   | See also 4-H Clubs,        |
| regulation and inspec-     | Mastixiodendron.....10223  | 18958,24332,28472,        | meat; and kinds of         |
| tion..3888,14134,14865,    | Mastopsenius n. g.....3433 | 28854                     | meat.                      |
| 18435,20149,23814          | Matasano. See White        | industry....24316,28871   | Meatus acusticus           |
| retail.....8401,8404,      | sapote, woolly-leaf.       | infected.....28892-3      | of dogs.....17126          |
| 25756,28456                | Mat.....1709,15166,19170,  | Italy.....13779,13786,    | Mechanics                  |
| roadside....4591,18316,    | 29036,29040                | 13804,18949               | study and teaching.3678,   |
| 18442                      | Mathiola.....986-8,10513,  | Madagascar.....13761      | 3776,12950,12958,12977     |
| self-service.18443,28457   | 21470,21535                | market reports....25542,  | See also Shops, farm;      |
| situation and outlook...   | Mathiola incana.....26457  | 25557,25599               | Tractors, mechanics;       |
| 18448,25321,25569          | diseases.....26376         | marketing....4480,4491,   | subhead maintenance        |
| Southern States....23823   | Matricaria discoidea.....  | 5369,13788,13798,         | and repair under           |
| Sweden.....19384           | 26187-8                    | 13800-1,18943,18948-      | Equipment; and names       |
| Union of South Africa...   | See also Pineapple weed.   | 9,24355,28906             | of machines and ve-        |
| 3885,18441,18954,          | See Pineapple weed.        | meal, as feed,for         | hicles.                    |
| 28453,28463                | Maugham, W. S., Neil       | swine.....17617,27818     | Mechanization...3662,3684, |
| U. S. S. R.....484         | MacAdam.....22908          | Middle East.....13811     | 3699,8184,12945,           |
| Uruguay.....24718          | Maxillaria macrura...16029 | New Zealand.....28886     | 18214,23618,23622,         |
| See also Auctions; Black   | Mayflies. See Ephemera.    | packing industry...113,   | 23624,26947,29111          |
| markets; and under         | Mayo, Nelson S..2317,7156, | 4523,13834,25225          | Cuba.....11330             |
| names of commodities.      | 11730,16822,22247          | Canada....13825,24373     | financing.....3662         |
| Marl.....6799              | Mayo Forestry and Hort.    | postwar.....13737         | France.....12944           |
| Marmalade. See Jellies     | Inst., Rochester, Minn...  | preservation.....3933     | Great Britain....26107     |
| and jams.                  | 26551                      | home.....4512             | Mexico.....8183,29078      |
| Marmor rubiginosum. See    | Mayobius.....27992         | prices.8880,18960,25524,  | Mississippi Delta..20135   |
| Rusty mottle, of cherry.   | Mayonnaise.....28435       | 28879                     | Nebraska.....25287         |
| Marmosets.....23350        | Maytenus obtusifolia.20705 | control....3924,18961,    | Northern Great Plains...   |
| Maroma. See Ficus maroma.  | Mead.....28527             | 24368,28866               | 19950                      |
| Marshes...1907,11344,21863 | Meadows...6809,20433,20669 | processed.....4474        | Sweden.....3672            |
| Martins, Velasco....29474  | Argentina.....26626        | processing....4523,8888   | Mecodema allani n. sp....  |
| Marumba.....12818          | See also Pastures.         | products....13774,24350   | 12626                      |
| Md. Agr. Expt. Sta.        |                            |                           | Mecynome.....12689         |
| research.....20294         |                            |                           | Medic, black.....9781      |



- Medical entomology...29454  
   Florida.....22971  
   See also Insects, and disease.  
 Medical service. See Health.  
 Medicinal plants. See Drug plants.  
 Medicine, tropical. See Diseases, tropical.  
 Mediterranean fruitfly. See *Ceratitis capitata*.  
 Medlars.....1346  
   diseases.....6117  
 Megachile.....12785, 28156, 28162  
 Megalopygidae.....18100  
   See also names of genera.  
 Megapenthes arcifrons n. sp.....7971  
 Megapodellides n. g.....23117  
 Megapus.....23115  
 Megaselia pygmaeoides.....23264  
 Megasis.....12837  
 Megastigmus nigrovariegatus.....28155  
 Megastigmus spermatrophus.....18088  
 Megatoma foveolatus n. sp.....7949  
 Megaxeniustusa n. g.....3433  
 Megipocerus mordvilkoii n. g., n. sp.....23412  
 Megodontus purpurascens pseudofulgens.....23164  
 Mehtamyces n. g.....26285  
 Meigen, J. W.....12713, 23299  
 Meioneta beata.....12568  
 Meiosis  
   insect.....3413, 23399  
   plant.....15585, 20917, 20933  
 Melalontha ronnai.....17682  
 Melamine glue.....5439-40, 14839, 20104  
 Melampsora lini.....897  
 Melanaspis aristotelesi n. sp.....8057  
 Melanauster chinensis.....7951  
 Melandrium.....15618  
 Melanism, in insects.....12833  
 Melanoliarus n. sgen. See *Oliarus* (*Melanoliarius*).  
 Melanomada.....28165  
 Melanoplus differentialis.....12879, 18159, 23526  
 Melanoplus femur-rubrum.....22913, 22915  
 Melanopsamma ranjanii n. sp.....6006  
 Melanosis  
   in pigeons.....22668  
 Melastomaceae. See Melastomataceae.  
 Melastomataceae.....20680  
   Colombia.....20697  
 Melecta thoracica.....12797  
 Melia azadirachta. See Margosa.  
 Melia azedarach umbraculiformis. See Chinaberry, umbrella.  
 Meliaceae.....20688  
 Melica.....10183  
 Melilotus indica. See Sweetclover.  
 Melinaea.....28182  
 Meliola.....26278  
 Meliponidae.....12803  
   See also names of genera.  
 Melipotes acontoides.....8131, 23511  
 Melisia melissii n. g., n. sp.....23111  
 Melissa officinalis.....21489  
 Melittia satyriniformis.....5614  
 Melittis melissophyllum.....10896  
 Meloe, rugosus group.....17928  
 Melolontha.....7974, 17930, 23202  
 Melolontha vulgaris larvae.....7970  
 Melon fly. See *Dacus cucurbitae*.  
 Melons.....5839  
   Canada.....4265  
   culture.....1603, 6666-7, 15296  
   diseases.....6085  
   nutritive value.....217, 19770  
   pests.....17746  
   refrigeration.....28764  
   transportation.....28764  
   See also names of melons.  
 Melophagus ovinus.....20384, 23233, 23308  
   control.....23270  
 Melosoma lapponicum.....12654  
 Membracidae  
   Mexico.....23398  
   See also names of genera.  
 Memnoniella.....5994  
 Memorial plantings.....710, 6476, 6567, 16050, 16104, 21469, 22164, 26756, 26792  
 Memphis Freight Bur., Inc.....25640  
 Menacanthus stramineus.....23570  
 Mendel's law.....20949, 25190  
 Menecles insertus.....23352  
 Menesia.....17935  
 Menesia bipunctata.....12638, 12672  
   larvae.....7961  
 Meningitis, in dogs.....2603  
 Menispermaceae.....966  
 Menopon gallinae.....23570  
 Menthol.....24442  
 Menthus.....12578  
 Mentzelia.....15378  
 Mercado de Algodón, Buenos Aires.....4206, 13514  
 Mercado de Cereales a Termino de Buenos Aires.....24395  
 Mercuric chloride.....27625  
 Mercuric phosphate.....10300  
 Mercurous chloride.....6064  
 Mercury.....23483, 27917  
 Mercury bichloride.....17179  
 Meristhus oceanicus n. sp.....7971  
 Mertensia virginica.....26814  
 Merthiolate.....307  
 Mesembryanthemum edule. See Hottentot fig.  
 Mesnilia legeri n. g., n. sp.....28200  
 Mesogramma arethusa n. sp.....17984  
 Mesostigmata.....23129  
   Microgyniina.....23130  
 Mespilus germanica. See Medlars.  
 Mesquite.....1196, 2084, 6706, 15670, 21142, 26627  
   as feed  
   for turkeys.....14969  
   control.....1673, 1688  
   See also Prosopis.  
 Messor.....28163  
 Metabolism.....14603, 25117  
   See also under Insects; Livestock; Plants; and subhead anatomy and physiology under names of animals, insects, and plants.  
 Metals  
   in food.....13195  
   See also Containers, metal; and names of metals.  
 Metamasius sericeus.....7950  
 Metaphycus helvolus.....18070, 23364  
 Metaphycus lounsburyi.....3534  
 Metarrhizium anisoplae.....15499  
 Metataenia.....17963  
 Metchnikoff, E.....29378  
 Meteorology.....5502, 9510, 9682, 14986, 22088, 25740, 29487  
   Australia.....23903  
   See also Climate and weather.  
 Methoxone.....11054  
 Methyl bromide.....829, 3149, 7711, 11392, 22992, 27203, 28023  
   insecticides.....25133  
   residual effects.....28063  
 Methyl formate  
   insecticides.....22986  
 Methyl salicylate.....12461, 27942  
 $\beta$ -Methylallyl chloride.....27912  
 Methylene blue, milk test.....4040-1, 4051, 8526, 9415, 13191, 13377, 23980-1  
 3,3'-Methylenebis (4-hydroxycoumarin).....22409  
 N-Methylnicotinamide.....9430  
 Methylolurea.....27205  
 Metopilio.....12571  
 Metopomus scapteryx shannoni.....3452  
 Metopoplectus.....17935  
 Metrioptera albopunctata.....28221  
 Metritis  
   in cattle.....2465, 16978, 17041, 22420  
   in dogs.....2594, 7352, 22515  
 Metrobates.....28134  
 Metropathy.....17046  
 Mexican bean beetle. See *Epilachna varivestis*.  
 Mexican fruitfly. See *Anastrepha ludens*.  
 Mexican - U. S. Agr. Comm.....118  
 Mexicans, in U. S. labor.. 4761, 4778, 9099, 19286, 20486, 29114  
 Mexico. Comité Regional de Defensa Agrícola de la Región Limonera de Occidente.....7734  
 Mexico. Consejos Mixtos de Economía Regional.....24621  
 Meximachilis n. g.....3640  
 Micaria.....17858  
 Micaria decorata n. sp.....23131  
 Mice.....9686  
   control.....5280, 19829, 25179, 25187  
 Michiel, Pietro Antonio.....26144  
 Mich. Agr. Expt. Sta. publications.....25742  
   research.....9690  
 Mich. Artificial Breeders' Coop., Inc.....16927  
 Mich. Potato Growers Exch., Inc.....24157  
 Mich. State Col.....14382, 16842  
 Michurin, Ivan.....19857  
 Miconia.....20697  
 Micrartia.....18117  
 Microbiology. See Microorganisms; Soils, microbiology.  
 Microbium brunneum.....27998  
 Microbracon.....3535  
   eggs.....3483, 18094  
 Microcalorimeter.....21000  
 Microcerus.....28006  
 Microcreagris caeca.....12606  
 Microcylloepus.....3416  
 Microcystis.....26865  
 Microcystis flos-aquae.....2506  
 Microdon.....7993  
 Microfilaria  
   in poultry.....17310  
 Microfilaria malayi.....18033  
 Microgyniina. See Mesostigmata, Microgyniina.  
 Microgynium rectangulatum n. g., n. sp.....23130  
 Microlepidoptera.....3571, 12859  
   Sweden.....23455  
   See also names of families and genera.  
 Microlestes.....7957  
 Micromacerator.....5884  
 Microorganisms.....553, 14636, 20557, 26039  
   destructive.....19887  
   See also Soils, microbiology; and names and classes of organisms.  
 Microscope lamp.....5411  
 Microscopy.....8526  
   See also Electron microscopes.  
 Microsejus truncicola n. g., n. sp.....23130  
 Microsporidia.....23414  
 Microstigmus guianensis.....18083  
 Microtendipes caducus n. n.....18002  
 Microvelia adrienneae n. sp.....12774



- | Item                                 | Item                     | Item                      | Item                      |
|--------------------------------------|--------------------------|---------------------------|---------------------------|
| Micryphantidae.....28001             | Milk--Continued.         | Milk--Continued.          | Milk--Continued.          |
| See also names of genera.            | care and handling..3754, | fat...213,239,4017,4050,  | pasteurized...4045,4066,  |
| Mideopsis.....23117                  | 4086,4132,4137,8480,     | 4053,4063,5240,7231,      | 8565,13433,13449,         |
| Midland Agr. Col. (England).....6656 | 8563,8566,8588,8872,     | 8522,8528,8535,8574,      | 18571,18587,18621,        |
| Migas.....12599                      | 13430,13434,13750,       | 13366,13389,18588,        | 18624,18635,18638         |
| Migration. See Labor,                | 15190,18544,18571,       | 18620,19040,19773,        | physical properties.....  |
| migratory; Land, settle-             | 18622,28579,28642        | 20241,23983,23994,        | 18578                     |
| ment and colonization;               | certified.....13404      | 24018,25112,28598,        | postwar.....4039          |
| and under Animals; In-               | chemistry....4122,15190  | 28604,28611,28614         | prices...4109-11,8567-8,  |
| sects; and Population.               | Chile.....18541          | tests.....13372,13380,    | 14865,18615,19407,        |
| Migratory locust. See                | chocolate.....9570       | 18576,18582               | 24018,24759,25314,        |
| Locusta migratoria.                  | condensed and evapo-     | fermented.....4067,4118,  | 28625,29174               |
| Mildew.....14737                     | rated...4083,4101,5255,  | 8517,13390,13427          | processed....13429,13443  |
| of apple.....15484                   | 8510,8580,18619,         | flavor and odor....378,   | processing....8582,28579  |
| of gooseberry.....26355              | 18636,24034,25309,       | 8559,15019,18577,         | labor.....14932           |
| of Hevea.....6129                    | 25328,28600              | 18630,24015               | production....225,3992,   |
| See also American mil-               | analysis and compo-      | folklore.....28589        | 3995,4012,4030,4033,      |
| dew; Downy mildew;                   | sition...13370,20142,    | fortified.....4107,9471   | 8490,9222,15111,          |
| Powdery mildew; sub-                 | 20144                    | France.....3991           | 15188,23963,23974         |
| head bacteria and                    | New Zealand.....23904    | freezing.....24034        | programs.....8494,9808,   |
| fungi under Fabrics                  | nutritive value.14572,   | freezing point....28602   | 13407,28583,28631         |
| and Textiles; and                    | 29413                    | frozen....4120,8576,8581  | purchasing.....225        |
| names of causal or-                  | vitamins....9471,25773   | Germany....13406,18552,   | quality...4092,4097,4099, |
| ganisms.                             | Connecticut.....18603    | 18558,23953-4             | 7229,8480,8560,8565,      |
| Mildewproofing.4185,18690,           | consumption.38,225,4069, | grading and standardi-    | 13358,13407,13409,        |
| 18701,28671                          | 4090,8487                | zation....13420,28625,    | 13417,15183,17071,        |
| Mildura Assoc., Victoria..           | containers..4107-8,8253, | 28628                     | 18586,18613,18622,        |
| 28757                                | 9641,13423,24006         | Great Britain.....8484,   | 24000,24013,24017,        |
| Milettia pachycarpa..27876           | sanitation...3754,8004   | 8497,8546,9220,9520,      | 28627,28631               |
| Military equipment. See              | cooling..4050,4136,8583, | 13332,13391,13395,        | regulation and inspec-    |
| Equipment, military.                 | 18258,18620              | 13409,15131,18546,        | tion.....213,4093-4,      |
| Military land. See Land,             | cooperatives..8540,28621 | 18594,18596,18958,        | 4098,4102,4105,8562,      |
| military.                            | costs and returns..4958, | 19495,19498,23957,        | 8582,9651,13406,          |
| Milk..4026,5370,8375,23799           | 5537,9220,9520,9670,     | 23962,24000,24043,        | 13414-15,14958,18571,     |
| adulteration.....4054,               | 13417,14279-80,15131,    | 28472,28575,28578,        | 18604,18607,18612,        |
| 4090,13437                           | 19484-5,19495,19498,     | 28583,28616,29232,        | 18958,23957,24009,        |
| Africa.....18640                     | 24824,24826,29226,       | 29236                     | 28472,28626,28629         |
| analysis and composi-                | 29232,29236              | history.....4028          | sampling.....4062,23984   |
| tion..4046,4048-9,4051-              | Great Britain...29224    | homogenized...4107,8522,  | sanitation.....8556       |
| 2,4054,4065,4068,4090,               | creaming ability...24025 | 13444,18640               | situation and outlook...  |
| 8514,8516,8518,8520,                 | Cuba.....13346           | Hungary.....13764         | 3993,4074,4100,8500,      |
| 8525-7,8533,8537,                    | curd.....4116,4126       | India...8540,13393,13437  | 18562,23974,28592         |
| 9438,13358-9,13361,                  | distribution..4076,4080, | Italy...23951,23997,28626 | skim...5487,15183,25150,  |
| 13370,13372-3,13375,                 | 4087,8544-5,8548,        | keeping quality...4091,   | 28600                     |
| 13382,18561,18579,                   | 8550,14985,14998,        | 13408,13421,23980,28627   | as fertilizer...26983     |
| 18586,22285,23985,                   | 15009,20318,24001,       | legislation...4090,8557,  | bacteria, tests..28610    |
| 23993,28595-6,28598,                 | 28579,28615,28617        | 23949                     | nutritive value..25111    |
| 28600-1                              | postwar.....4074,8552,   | malted.....8505           | solids-not-fat.213,4070,  |
| and disease.....15190                | 28619                    | market reports.....25600  | 8821,13370,15183,         |
| Argentina.....4013,8567,             | dried....4071,8510,8584, | marketing....224-5,4072,  | 20143,28600,28604         |
| 13417,13424,14280,23999              | 9571,18627,24024,        | 4079,4083-4,4086,         | sour.....28602            |
| as feed.....22210                    | 24038,25309,28643,       | 4088,8487,8510,8541-      | Spain.....28566,28586     |
| for calves...268,22381               | 28649                    | 3,8546,8549,8551,         | statistics.....24043      |
| for poultry.....17294                | analysis and compo-      | 8553-4,13397-8,           | sterilization..4127,8250  |
| for swine...3047,22862               | sition....4044,4059,     | 13402,13404,15188,        | sterilized...8491,8524,   |
| bacteria.....4045,4047,              | 13374,13376,15183,       | 18590,18593-4,18599-      | 23993                     |
| 4055-7,4060,4067,                    | 20143,23987-8,           | 600,18603,23957,          | straining.....18618       |
| 4090,7261,8513,8524,                 | 24032,25102              | 24000,24004,25770,        | subsidies...19407,23962,  |
| 8529,8532,13381,                     | bacteria.....13191       | 28575,28618               | 24759,29174               |
| 13383,13386-7,13391,                 | gas packing.....5506     | labor.....14932           | surplus.....28612         |
| 13415,13428,15190,                   | Great Britain...23961    | legislation.....18619     | Sweden.....18568          |
| 17023,18580-1,18584,                 | industry...4135,13441,   | postwar.....8539          | Switzerland...4065,4109,  |
| 18596,18614,28579,                   | 15183                    | regulation.5451,18595,    | 4111,8528,8535,8554,      |
| 28596                                | keeping quality.23988,   | 23999,24003               | 8568,13366,18588          |
| tests.....4040,8512,                 | 28639                    | Uruguay.....18601         | trade.....19718           |
| 13360,13362,13365,                   | nutritive value..29413   | Nebraska.....23971        | transportation...18269,   |
| 13377,13385,13420,                   | packaging.....15183      | New Zealand.....15188     | 18591,18596-7,18602,      |
| 18575,23981,27437,                   | postwar.....13438        | nutritive value...4090,   | 24006,28616,28627         |
| 27440,28610                          | regulation and inspec-   | 8520,9423,9441,9448,      | Union of South Africa...  |
| thermophilic....4041,                | tion.....5487            | 9452,9467,9473,9983,      | 4023,8487,13350,          |
| 4064,4066                            | situation and outlook.   | 14512,25147,29401,        | 18635,19485,19718         |
| Brazil.....8582,18560,               | 13340,15183              | 29413                     | utilization..18589,23997  |
| 19484,28581                          | storage....24028,25111   | pasteurization....4128,   | vitamins....9415,19781,   |
| Canada...4002,4032,4069,             | drying.....24033         | 8228,8572,8586,9442,      | 19789,20252,25115,        |
| 4093,4958,8562,18589                 | equipment.....15183      | 13425,24019-21,           | 25146-7                   |
|                                      | Eire.....13399,18548     | 24025,28650               |                           |



- Item**  
Milk--Continued.  
See also *Acidophilus*  
milk; Colostrum; Fer-  
mentation, milk test;  
Methylene blue, milk  
test; Resazurin,  
milk test; Yoghurt.  
Milk, buffaloes.....19781  
See also Ghee.  
Milk, goats.....9449  
nutritive value.....9459,  
14554, 14599, 22788, 27803  
See also Butter,  
goats-milk.  
Milk, sheep.....8514, 28585  
Milk-borne diseases...8519  
Milk bottles. See Milk,  
containers.  
Milk fever  
in cattle.....11859  
in goats.....12273, 12275  
Milk Found., Montreal.4003  
Milk houses.....3802, 8321,  
8328, 23737, 23745, 28383  
Milk plants.....8316, 8495,  
13441, 23754  
Canada.....3990  
cooperative....4081, 8547  
costs and returns..9221,  
24830  
Germany.....18569  
Milk relief programs  
India.....9385  
Milk separators. See  
Cream separators.  
Milk serum. See Whey.  
Milking....2560, 5622, 7310,  
7313-14, 7317, 9791,  
11924, 11931, 11938,  
11944, 16997, 17064,  
17070, 17091, 22457,  
22462, 22470, 22474,  
22480, 22485, 27447-8  
Milking barns...9749, 23720  
Milking machines....8263,  
18255, 18273, 28308, 29106  
sanitation....3714, 8244,  
18265, 23639, 23659  
Milkweed.....6682, 11095  
culture.....20331  
fiber plant.....26610  
fiber separation...28299  
utilization.....4681  
See also *Asclepias*.  
Milkweed, butterfly..16076  
Milky disease, of Japanese  
beetle.....25371  
See also *Bacillus*  
*popilliae*.  
Miller, Raymond W....29329  
Miller, Woodrow.....25205  
Millet.....14888, 25732  
as cause of disease....  
18419  
culture.....6687  
diseases.....26368  
oil.....19041  
See also Pearl millet;  
Ragi millet.  
Millet, foxtail.....1756  
Millinery.....382, 25968  
Millipedes. See *Diplopoda*.  
Millot, J.....28020  
Mills and milling--Con-  
tinued.  
equipment.....3749, 3755,  
3774, 3778, 18264,  
18287, 23658  
Europe.....28329  
fire prevention...3750,  
12937  
Germany.....24294  
Great Britain.....24282  
history.....24276  
New Zealand.....23904  
pests.....23002  
postwar.....8820  
regulation and inspec-  
tion.....18886  
research.....8809  
study and teaching.24294  
U. S. S. R.....23738  
See also Hammer mills;  
Sawmills; and under  
names of products.  
Millwork.....122  
Mimas tiliae.....8105  
Mimicry. See under In-  
sects and Lepidoptera.  
Mimosaceae, oil.....13848  
Mine timbers.....7057-8,  
16670, 22060, 22116  
Mineral oils  
insecticides...8029, 8125  
Mineral salts.....6058  
effect on plants..10542,  
10560, 26506  
in soils.....20169  
Minerals  
effect on  
animals.....29433  
plant disease...26475  
plants.....1078, 10545,  
15634, 16311, 29433  
in animal nutrition.288,  
2028, 2253, 2259, 2267,  
2282, 2314, 5642, 11647,  
11676, 11678, 11835,  
15069, 16752, 16765,  
16773, 17632, 20349,  
22180, 22183, 22193  
in feed.....22187  
in human nutrition.2028,  
9456, 16773  
in milk.....13359, 13370  
in plants.....2028, 6282,  
10514, 10588, 10593,  
10616, 10634, 20651,  
20779, 26519  
in poultry nutrition...  
5642, 17293, 22641  
in soils..1751, 2028, 5523,  
11126, 25835-6  
See also Minor ele-  
ments; and names of  
minerals.  
Mining  
Costa Rica.....20535  
Paraguay.....15207  
See also Spoil banks.  
Minks....3476, 23100, 23104  
Minn. Agr. Expt. Sta..257,  
8955, 27809  
Minn. Dept. of Agr.,  
Dairy and Food. Div. of  
Feed and Fertilizer  
Control.....24054  
Minn. Dept. of Weights  
and Measures.....24302  
Minn. Farm Bur. Fed....9303
- Item**  
Minn. State Grain Insp.  
Dept.....24302  
Minn. Univ. Div. of  
Soils.....9802  
Minor elements.27091, 27098  
effect on plants..11430,  
21958, 26511  
in animal nutrition....  
1826, 6741, 7127  
in food.....8516  
in human nutrition.25073  
in plants.....1826, 26544  
in soils...11140, 11412,  
21697, 21712  
See also names of minor  
elements.  
Mint.....1720  
oil.....24441  
See also Peppermint.  
Minthodes.....12723  
Mirabilis jalapa....10454,  
10520  
Miridae  
Neotropical..18053, 28131  
See also names of gen-  
era.  
Miscophus deserti n. sp...  
8071  
Mission G. F. Witte  
(1933-35).....9975  
Mission Lepesme, Paulian,  
et Villiers, 1939...7919,  
7932, 8059, 12630  
Miss. Agr. and Indus.  
Bd.....19826  
Miss. Agr. Expt. Sta.....  
19861-2, 25213  
Delta Branch.....5510,  
5513-14, 5516, 5518  
Miss. Central Farmers  
Exch.....19695  
Miss. Fed. Coop.....19683  
Miss. Forestry and  
Chemurg. Assoc.....16718  
Miss. Home Demon. Council.  
19630  
Miss. Rural Life Council..  
19563  
Miss. State Agr. Workers  
Coordinating Council....  
19277  
Miss. State Col. Ext.  
Serv.....9803, 19607  
Miss. State Dept. of Agr.  
and Com.....19806  
Mo. Agr. Expt. Sta.  
Lathrop Expt. Field.5520  
publications...5528, 9695  
Mo. Bot. Gard.....677  
Mo. Col. of Agr..260, 29455  
Ext. Serv.  
publications.....5528  
publications...5528, 29455  
Mo. Farm Bur. Fed....29066  
Mo. Pacific Railroad  
Corp., Nebr...14923, 20226  
Mo. Univ.....21510-11  
Mo. Valley Authority..643,  
1924, 26097, 27026  
Mistletoe.....6531  
See also *Viscum album*.  
Misumena.....12597  
Misumenoides.....12597  
Mites.3367, 7881, 7893, 12572  
anatomy and physiology..  
7897  
and disease.....17854
- Item**  
Mites--Continued.  
control.....23124  
habits and behavior.7882  
on foxes.....23104  
on livestock.....3186  
on minks.....23104  
on plants.....7885, 20459  
on poultry.....7729  
See also names of fami-  
lies and genera.  
Mitona.....17955  
Mitosis.....15580  
Arachnida.....23138  
plant....6192, 6198, 6208,  
10469-70  
Mitscherlich, Eilhard  
Alfred.....6777  
Mniaecia jungermanniae....  
10448  
Mnium hymenophylloides.792  
Mnium undulatum....26423  
Mobile medical units..9385  
Mocis.....18103  
Mocis repanda.....7740  
Modiolastrum.....5955  
Mohair...8604, 8635, 13493,  
13500, 14922, 14924,  
28687, 28703, 28924  
Molasses.....15201, 24532  
analysis and composi-  
tion.....13186, 29031  
as feed.....11667, 15032  
as fertilizer.....16546  
in animal nutrition....  
9669, 17544  
Martinique.....8978  
storage.....9000  
utilization....7118, 8904  
waste.....8995  
Moldproofing...18701, 18973  
Molds....8472, 8596, 15509,  
15687, 26317  
destructive.....20164  
See also Mildew; names  
of molds and classes  
of molds; and under  
specific subjects.  
Mole crickets.....5396  
See also names of gen-  
era.  
Moles.....5280, 15441  
Mollusca.....12261  
Mollusks.....22911  
Molophilus.....3442, 12693  
Molybdenum....2027, 21959,  
27093  
in animal nutrition....  
22189  
Momordica charantia..10932  
Mompha sexnotella...28198  
Monarch butterfly. See  
*Danaus plexippus*.  
Monarthropalpus buxi.28094  
Money and currency..5742-3,  
15308, 18425  
Money management for  
children.....5631  
Monilia  
on pear.....10344  
on plum.....10344  
Monkeys.....23350  
Monkshood. See *Aconitum*.  
Monnina pumila n. sp.26226  
Monoblepharella.....6206  
Monoceronychus n. g...3370  
Monochamus.....2118  
Monochloroacetic acid..1015  
Monocytosis, avian. See  
Pullet disease.



- Item**  
 Monomethylaminoethanol.... 22638  
 Monopetalanthus.....10228  
 Monoptilota pergratialis.. 23458  
 Monotes madagascariensis  
   n. sp.....26203  
 Monstera deliciosa...16101  
 Montabunus n. g.....12571  
 Mont. Agr. Expt. Sta.  
   Huntley Branch Sta..5529  
 Mont. Reclam. Assoc..16431  
 Montgomery County (Md.)  
   Farm Women's Coop.  
   Market.....13216  
 Monticola n. g.....17900  
 Montpellier. Ecole Na-  
   tionale d'Agriculture....  
   20757,20813  
 Moon, effect on plants....  
   15648  
 Moraceae.....10233  
 Moraea.....22266  
 Mordella libanica n. sp...  
   7952  
 Mordellistena.....12669  
 Morden (Canada) Agr.  
   Expt. Sta.....26566  
 Morellia.....28096  
 Morgan, Mont Francis.19853  
 Moricandia sonchifolia....  
   6505  
 Morinda.....5942,10223  
 Mormon cricket. See  
   Anabrus simplex.  
 Morning-glory. See  
   Ipomoea.  
 Moroccan locust. See  
   Dociostaurus maroccanus.  
 Morphia.....11957  
 Morpho sulkowskyi.....8106  
 Mortar.....3854  
 Mortgages. See Credit,  
   mortgage.  
 Mosaic  
   of bean..925,10392,20874  
   of broccoli.....838  
   of cabbage.....6165  
   of cardamon.....26383  
   of celery.....20261  
   of cucumber.....6162  
   of lettuce.....926,15552  
   of potato.....917,10390,  
     15542,15548  
   of sugarcane.20872,26378  
   of tobacco.....929,1283,  
     10071,20876-7  
   of turnip.....6161  
   of wheat.....10389,26380  
 Moskovskaja Ordena Lenina  
 Sel'skokhoziaistvennaja  
 Akademija imeni K. A.  
 Timirjazeva...27272,29493  
 Mosquito netting.....3493  
 Mosquitoes.....23320  
   and disease.....5823,8022,  
     8032,8035-6,8038,  
     12729,12748-9,18010,  
     18031-3,18042,23335-  
     7,28103,28124  
   bites.....8034,23311  
   breeding places....8024,  
     12745,18029,18045  
   collecting and collec-  
     tions.....3175  
   control.....3495,8033,  
     8041-2,12427,12734,  
     (See next column)  
**Item**  
 Mosquitoes--Continued.  
   control--continued.  
     12739-40,18011,18020,  
     18035-6,18040,27882,  
     28102,28108,28110,  
     28112,28117,28119,  
     28122  
   engineering methods...  
     3494,5823,8026,  
     11350,12731,18023,  
     18034,18037,18041,  
     26053,28113  
   equipment.....18025  
   Potomac River...23340  
   study and teaching....  
     8035  
 Fiji.....22906  
   habits and behavior....  
     8021,23314,23330  
   larvae.12744,23325,28104  
   parasites and predators  
     of.....8031  
   populations.....8036  
   rearing and breeding....  
     18046  
   Uganda.....23330  
   See also Culicidae; and  
     names of genera.  
 Mosses. See Musci.  
 Mothproofing. See Insect-  
   proofing.  
 Moths.....25679  
   anatomy and physiology..  
     8118  
   Belgian Congo.....9975  
   Canada.....3580  
   collecting and collec-  
     tions.....3593  
   eggs.....28171  
   food and host plants....  
     23510  
   habits and behavior....  
     28199  
   North America.....3567  
   See also names of fami-  
     lies and genera.  
 Motion pictures.2553,5449,  
   11748,14724,20119,  
   23240,25456  
   bibliographies....20121,  
     25463  
   See also Films.  
 Motor fuels.....25284  
 Motor vehicles  
   electric.....23696  
   See also names of  
     vehicles.  
 Motors.....18313  
   electric.....8270,8282,  
     13036,13054,18296,18311  
   maintenance and repair..  
     8285,23681  
   See also Engines.  
 Mottle leaf  
   of citrus.....844  
   of orange.....20963  
 Mount Hermon (Calif.).....  
   27245  
 Mountain-ash. See Sorbus.  
 Mountain-holly. See  
   Nemopanthus macronata.  
 Mountain-laurel. See  
   Kalmia latifolia.  
 Mountain pine beetle. See  
   Dendroctonus monticolae.  
 Mouth.....14546  
   of cattle.....27438  
**Item**  
 Mouth--Continued.  
   of horses.....22574  
 Mouth parts  
   of insects....3457,23275  
 Mowing  
   equipment.....5624,5697,  
     8255,9774,18226  
 Muck soils.....11278,20428  
 Muellerius capillaris.....  
   12264  
 Muhlenbergia.....6001  
 Muhlenbergia tenuiflora...  
   724  
 Muhly. See Muhlenbergia.  
 Muintir na Tire.....19339  
 Mulberry...590,8060,10851,  
   11098,18172,20642,20785,  
   culture.....15293  
   diseases.....15411  
 Mulching...1890-2,6838-40,  
   6842-5,6848,9638,  
   11261,11301,11306,  
   14746,14859,16408,  
   16416,20591,21829-30,  
   21837,26996,27000,  
   27003,27120  
   See also Tillage,  
     stubble-mulch.  
 Mules...237,2663,2666,7399  
   Algeria.....22588  
   diseases.....17179  
   Italy.....7407  
   war use....12036,22573,  
     22588  
 Mules' operation. See  
   Sheep, Mules' operation.  
 Mullein.....1700  
 Mulsant, E.....12383  
 Multiceps serialis....2297  
 Multiple neuritis. See  
   Polyneuritis.  
 Murataspis n. g.....12752  
 Muresk (West. Austral.)  
   Agr. Col.....3044  
 Musa. See Bananas.  
 Musa ensete. See Banana,  
   Abyssinian.  
 Musa textilis. See Abaca.  
 Musca domestica.....17988  
   anatomy and physiology..  
     18008  
   and disease.....23266  
   control....7981,12703-4,  
     12710,12715,28064,  
     28077,28095  
   habits and behavior....  
     23240,28086  
   parasites and predators  
     of.....12375,17995  
 Musca nebulo.....23237  
 Musca planiceps.....12717  
 Musca vicina.....23307  
   U. S. S. R.....7985  
 Musci.....722,789,6485,  
   15715,26776  
 Apores.....26260  
 Africa.....10269  
 Basque Region.....10261  
 Belgian Congo.....10032  
 Canada.....788,790  
 Canary Islands.....26260  
 Cape Verde Islands.10268  
 France.....10264  
 Great Britain.....20636  
 Madeira Islands....26260  
 Oceania.....20729  
See also names of gen-  
   era.  
**Item**  
 Muscidae.....23285  
   See also names of gen-  
     era.  
 Muscle diseases. See  
   Myopathy.  
 Muscles, of horses...22561  
 Mushrooms..1644,6008,6014,  
   11049,16263,20634  
   culture..1613,1634,6657,  
     10014,11024,16198,16232  
   France.....13603  
   Italy.....11015,11017  
 Mustard.....23944  
   analysis and composi-  
     tion.....13296  
   Canada.....21682,28554  
 Mustard, Indian. See  
   Brassica juncea linearifolia.  
 Musts. See Wine, musts.  
 Mutation  
   animal.....19816  
   bacteria.....973  
   insect.....3480,17982,  
     17999,23244,23253,  
     23280,23309-10  
   plant....956,1037,19816,  
     20591,20959  
 Mutton.....11954,13766  
   Australia.....13726  
   Spain.....28885  
   statistics.....9624  
 Myall Downs Sta., North  
   Star, N. S. W.....7227  
 Mycetaspis juveninae  
   n. sp.....8057  
 Mycetozoa. See Myxomycetaz.  
 Mycobacterium tubercu-  
   losis.....13391  
   See also Tuberculosis.  
 Mycobacterium tubercu-  
   losis bovis.....11898  
   See also Tuberculosis,  
     in cattle.  
 Mycoderma vini.....8454  
 Mycology.....5891  
   India.....6007  
   terminology.....26127  
   See also Fungi.  
 Mycorrhiza.6253,10615,20977  
 Mycosphaerella arachidi-  
   cola. See Leaf spot, of  
     peanut.  
 Mycosphaerella citrullina  
   on cucurbits.....20863  
 Mycosphaerella physostegia  
   n. sp.....800  
 Mycosphaerella populorum..  
   26294  
 Mydidae  
   Chile.....12726  
   See also names of gen-  
     era.  
 Myiasis...3482,7699,12720,  
   12728  
   in cattle....17985,23235  
 Myiocephalus boops....3526  
 Myioclania n. g.....3473  
 Myiopharus.....3473  
 Mymecozela.....12837  
 Myochrous armatus....7740  
 Myopathy, in sheep....7630  
 Myoporum laetum.....12260  
 Myoporum platycarpum.15642  
 Myositis, in horses...7369  
 Myosotis.....10189  
 Myriangiales.....15397



- | <u>Item</u>                 | <u>Item</u>                | <u>Item</u>                | <u>Item</u>                 |
|-----------------------------|----------------------------|----------------------------|-----------------------------|
| Myriapoda.....7882          | National Council of Farmer | National Wool Growers      | Nematodes.....3409          |
| respiration.....7886        | Coop.....5120,5126         | Assoc. (Union of South     | Hawaii.....21925            |
| See also Chilopoda;         | National 8-Point Dairy     | Africa).....28701          | in bananas.....20884        |
| Diplopoda; Pauropoda;       | Program.....25271          | National Wool Mktg. Corp.. | in cattle.....11852         |
| Symphyla.                   | National Farm Chemurgy     | 19992                      | in citrus.....15560         |
| Myrica cerifera. See        | Council.....28451          | Natural history...662,5866 | in clover.....20885         |
| Waxyrtle, southern.         | National Farm Radio        | Australia.....26103        | in coconut.....20883        |
| Myriogramme.....15392       | Forum, Canada.....19628    | Oklahoma.....10069         | in coffee.....20887         |
| Myristica.....10633         | National Farmers Union     | Natural resources....1996, | in cucumber.....26384       |
| Myrmecology.....23421       | (Great Britain).....9356,  | 5271,5275,5281,5320,       | in fruit.....20886          |
| See also Ants;Formicidae.   | 14272,19283                | 9857,10076                 | in goats.....12261          |
| Myrmica schencki.....12798  | National Farmers Union     | Canada.....29449           | in lily.....26751           |
| Myrmica schencki emeryana.  | (Southern Rhodesia).....   | Saskatchewan.....26104     | in plants.....6169,27304    |
| 23448                       | 29303,29323                | India.....20656            | in potato.....932,14790,    |
| Myroxylon pereirae. See     | National Fed. of State     | Japan.....19180            | 26385                       |
| Balm tree, Peru balsam.     | Beekeepers Assoc....3202-3 | Newfoundland.....29441     | in poultry.....17342        |
| Myrtle. See Myrtus.         | National Fire Control      | See also Conservation      | in sheep.....7633,11852,    |
| Myrtus communis.....26213   | Equipment Com.....14840    | of natural resources.      | 12261,27790                 |
| Myrtus guili.....5956       | National Food Brokers      | Nature, balance of...5274, | in soils.2001,6922,11392    |
| Mystropomus regularis       | Assoc.....20527            | 12385                      | in spiders.....17877        |
| n. sp.....17911             | National forests. See      | Nature study.....421,5639, | in tobacco.....17687        |
| Myxomatosis.....5277        | Forests, national; and     | 5868,22902                 | in tomato.....26384         |
| Myxomatosis, infectious...  | names of forests.          | Naturhistoriska Riksmu-    | in vegetables.....20886     |
| 12226,17507                 | National 4-H Achievement   | seum, Stockholm...23461-2  | in wheat.....933            |
| Myxomycetace.....15577      | Week.....25393             | Naucoria cuspidata...10290 | See also names of nema-     |
| Myxophyceae.....794,15274   | National Gard. Bur.,       | Naval stores....34,2186-9, | todes, nematode dis-        |
| Myxosargini.....3458        | Chicago.....24490          | 5830,7063-5,11587,         | eases, and animals,         |
| Myzus cerasi.....17725      | National Inst. for Res.    | 15747,16684-5,26562        | insects, and plants af-     |
| Myzus persicae.....17725    | in Dairying, Reading,      | France.....22135,27224     | fectated.                   |
|                             | England.....18633          | Greece.....7066            | Nematus abietinus. See      |
| NMRI 407.....28117          | National Inst. of Agr.     | Mexico.....11586           | Pristiphora abietina.       |
| Nanophyes fallax.....7938   | Bot., Cambridge, England.  | situation and outlook...   | Nembatal. See Pentobar-     |
| Nanorchestes pulvinar       | 20644                      | 11584                      | bital sodium.               |
| n. sp.....12573             | National Joint Indus.      | See also names of prod-    | Nemeritis palmaris...22906  |
| Naphthalene, poisonous      | Council for the Flour      | ucts.                      | Nemesia strumosa....20950,  |
| to livestock.....27526      | Milling Indus.....18281    | Navasota (Tex.) School.... | 26456                       |
| $\alpha$ -Naphthaleneacetic | National Milk Testing and  | 15844                      | Nemopanthus mucronata.5914  |
| acid.....26484              | Advisory Scheme (Wales)..  | Navicula.....20739         | Nemoria delicataria...8098  |
| Naphthenates.....27196      | 28583                      | Navicula halophila....6207 | Neoantistea.....12586       |
| Naphthenic acids.....27196  | National parks. See Parks; | Nebr. Agr. Expt. Sta.      | Neoclectana glaseri.28033   |
| Napomyza lateralis...28098  | U. S. Natl. Park Serv.;    | research.....9696          | Neocarsphenamine....11967   |
| Narcissus.....11007         | and names of parks.        | Nebr. Reclam. Assoc..16474 | Necaturus n. g.....23117    |
| culture.....26771           | National Peach Council.... | Necklace tree. See         | Necbourquinia bifasciata..  |
| varieties...16011,16097,    | 24201                      | Sophora, Texas.            | 12809                       |
| 16109,21464                 | National Peanut Council... | Necrobria rufipes....12640 | Neocouma. See Ambelania.    |
| Narcissus bulb fly. See     | 4545                       | Necrosis                   | Neodiapodius n. g.....3409  |
| Lampetia equestris.         | National Pest Control      | of citrus.....15429        | Neognophomyia...3441,28061  |
| Nargus.....7945             | Assoc.....27925            | of mango.....15424         | Neopachyolpium n. g..27999  |
| Narraga.....12830           | National Poultry Defense   | of potato.....922          | Neopaniasis n. n.....8123   |
| Nassella trichotoma...6241  | Com.....24479              | See also Phloem necrosis.  | Neoplasms. See Tumors.      |
| Natal Agr. Union.....5122   | National Poultry Impr.     | Nectandra membranacea....  | Neoprontosil. See Pron-     |
| Natal and Zululand Bee-     | Plan.....14785,17421       | 10237                      | tosil soluble.              |
| keepers' Assoc.....7778     | Montana.....22710          | Nectar...23017,23055,27970 | Neosciara bicuspidata       |
| Nation-Wide Poultry and     | New York (State)....565    | Nectarines.....15958       | cuniculata n. var....7998   |
| Egg Quality Conserv.        | National Recreation        | Nectria dodgei n. sp.20745 | Nephele didyma.....23505    |
| Program.....25497           | Assoc.....20039            | Needlegrass.....874        | Nephopteryx.....12837       |
| National Advisory Group     | National Res. Council.4411 | Needlegrass, esparto....   | Nephopteryx eugraphella...  |
| on 4-H Postwar Programs..   | National Res. Found..26116 | 10005,24557                | 18109                       |
| 25405                       | National Safety Council... | Needlegrass, Texas....1014 | Nephritis                   |
| National Apple Inst...4280  | 14740                      | Negrees.....500,9315       | in dogs.....17118           |
| National Assoc. County      | National Soybean Proces-   | economic and social        | in sheep.....17568          |
| Agr. Agents.....5119        | sors Assoc.....24429       | status.....14389           | Nephrosis.....7719          |
| National Assoc. of In-      | National Tax Equality      | farmers.....5037,21912     | Nerine fothergillii....6209 |
| secticide and Disin-        | Assoc....4750,4754,14059   | labor.....20035            | Nerves                      |
| fectant Mfrs...7722,7736,   | National Tribute Grove.... | Latin America.....24941    | of animals                  |
| 7738,7762                   | 2221,27152                 | See also Youth, Negro;     | diseases.....20553          |
| National Birthday Trust     | National Turkey Fed..12195 | and subhead negroes        | of dogs.....17125           |
| Fund.....29359              | National Turkey Impr.      | under Education, Ex-       | of insects.....22910        |
| National Bot. Gard.,        | Plan...12195,17418,19975,  | tension work, 4-H          | of livestock..2308,11746    |
| Washington, D. C....5898    | 27724                      | Clubs, and Health.         | of pigeons.....22654        |
| National Cannery Assoc....  | Kansas.....2900            | Neighborhoods. See Com-    | See also Polynuritis.       |
| 18477                       | Kentucky.....7557          | munities.                  | Neseis (Icteronysius)....   |
| National Coop. Project,     | Nebraska.....17418         | Nelumbium nelumbo....10913 | 18076                       |
| Conserv. of Nutr. Values    | Washington (State).22750   | Nemadus.....7945           | Neshoba County (Miss.)      |
| of Foods.....20008-9        | National War Agencies      | Nemapogon granella....8095 | Lin Assoc.....4228          |
| National Cotton Picking     | Appropriation Bill         | Nemastoma pallidimaculosa  | Nettle, white-horse. See    |
| Contest.....25623           | 1945.....668               | n. sp.....27995            | Nightshade, silverleaf.     |
|                             | 1946.....5876              | Nemastomaceae.....10273    |                             |



- | Item                           | Item                          | Item                           | Item                            |
|--------------------------------|-------------------------------|--------------------------------|---------------------------------|
| Nettlespurge. <u>See</u>       | Newportia oligopla n. sp..    | Nitrogen--Continued.           | Nuphar.....10898                |
| Jatropha.                      | 17862                         | fertilizers--continued.        | Nurseries (child). <u>See</u>   |
| Neubauer Soil Test....6746     | Newton County (Miss.)         | 21820, 21823, 21933,           | Children, nurseries.            |
| Neumania.....23115, 23117      | Health Serv. Assoc.,          | 21952, 21969, 26963-5,         | Nurseries (plant)...21222,      |
| Neuquenian ficator.....3622    | Inc.....24951                 | 26974, 26993, 27085-6          | 29045                           |
| Neuritis, multiple. <u>See</u> | Neyraut, Edmond.....14657     | fixation..11170-1, 11181,      | Brazil.....15894                |
| Polynuritis.                   | Ngamiland disease             | 11409-10, 16305-6, 21712       | certified.....24559             |
| Neurolymphomatosis, in         | in cattle.....27442           | in animal nutrition.7333       | directories.....24560           |
| poultry. <u>See</u> Leukosis,  | Niacin.....19790, 29426       | in food.....25090, 25110       | diseases.....15461              |
| in poultry.                    | in food.....14585             | in human nutrition.9455,       | forest...1880, 6311, 6797,      |
| Neuroptera.....23560           | in fruit.....14573            | 9466                           | 15739, 21029, 21045             |
| <u>See also</u> names of fami- | in human nutrition.20449      | in plants.....1015, 1094,      | fruit.....21256                 |
| lies and genera.               | in meat.....14607             | 3513, 10601, 10624,            | Illinois.....24559              |
| Neurospora..975, 989, 10625,   | in plants.....14604           | 15727, 15734, 16451,           | India.....21256, 24560          |
| 20952                          | in vegetables.....14571       | 21003, 25846, 26492,           | postwar.....4699, 14006         |
| Neurospora crassa....1024,     | stability.....9428            | 26548                          | regulation and inspec-          |
| 1061                           | <u>See also</u> Vitamin B;    | in soils.....414, 6756,        | tion.....6406                   |
| New England Cranberry          | Vitamin B <sub>2</sub> .      | 11150, 11166, 11408,           | stock.....10822                 |
| Sales Co.....24158             | Nicandra physaloides.20910    | 16299, 21710, 25837, 27082     | Switzerland.....6406            |
| New England Poultry and        | Nicholson, W. E.....9503      | in yeasts.....25089            | Mutallia equi.....17181         |
| Egg Inst.....8941              | Nickel                        | industrial preparation..       | <u>See also</u> Piroplasmosis.  |
| N. H. Agr. Expt. Sta.....      | in plants.....27096           | 11415                          | Nutgrass. <u>See</u> Flatsedge, |
| 16063, 21428                   | in soils.....27096            | sources.....1771, 2019,        | nutgrass.                       |
| research.....20305             | Nicotiana.....10614, 15279,   | 2022, 16379, 16537,            | Nutrient solutions for          |
| N. J. Agr. Expt. Sta.21100     | 15705                         | 21753, 25847-8                 | plants 10518, 10924, 16180,     |
| research.....9714              | hybrids.....6236, 20648       | Nitrous acid.....25757         | 20966                           |
| N. J. Dept. of Agr.            | <u>See also</u> Tobacco.      | Noctuidae. <u>See</u> Phalae-  | <u>See also</u> Soilless cul-   |
| Bur. of Anim. Indus.7264       | Nicotiana glutinosa..15607    | nidae.                         | ture.                           |
| N. J. Fed. Egg Prod.           | Nicotiana sylvestris.15579    | Nodules, plant.....21006       | Nutrition (animal)...25738      |
| Coop.....24476                 | Nicotiana tabacum. <u>See</u> | Nola.....3603                  | study and teaching.22191        |
| N. J. Poultry and Egg          | Tobacco.                      | Nolan, Thomas J.....14642      | <u>See also</u> Deficiency dis- |
| Coop. Mktg. Assoc.,            | Nicotiana virus l....10394    | Nolidae                        | eases; Feed, nutritive          |
| Inc.....4589                   | Nicotine.....24540            | Australia.....3603             | value; subhead feeding          |
| N. J. State Hort. Soc.....     | insecticides..3142, 3146,     | <u>See also</u> names of gen-  | and nutrition <u>under</u>      |
| 19268                          | 17686, 23161, 23411           | era.                           | Livestock, Poultry,             |
| N. J. State Potato Assoc..     | Nicotine sulfate              | Nomada.....18091               | and names of animals;           |
| 8690                           | insecticides.....28174        | Noodles.....29051              | and subheads <u>under</u>       |
| N. J. Ten-Ton Tomato           | Nicotinic acid. <u>See</u>    | Norco Co-op. Ltd.              | Soils and names of              |
| Club.....4283                  | Niacin.                       | (Australia).....18632          | plants and products.            |
| N. Mex. Agr. Col. Ext.         | Niger seed.....10785          | Norelac.....28935              | Nutrition (human)....599,       |
| Serv.....14069                 | Niger seed, Ethiopian....     | Norfleet, J. Frank...25198     | 5191, 5194, 5199, 5208,         |
| New South Wales. Dept. of      | 21135                         | Nornicotine.....15705          | 5214, 9377, 9382, 9388,         |
| Agr.....19477                  | Nightshade, silverleaf.216    | N. C. Agr. Expt. Sta.          | 9979, 9982-3, 14514-16,         |
| N. Y. Bot. Gard..5886, 5899    | Nigrospora oryzae             | Dept. of Expt. Statis....      | 14525, 14529, 14532-3,          |
| Rose Growers' Day..26736       | on corn.....10371             | 9518                           | 14540, 14542-3, 14550,          |
| N. Y. Comptroller....29450     | Nimiglossa n. g.....3473      | N. C. Crop Impr. Assoc.,       | 15239, 15308, 19736,            |
| N. Y. (Cornell) Agr. Col.      | Nitela.....18095              | Inc.....21090, 26023           | 19744, 20566, 25052-3,          |
| Ext. Serv., publica-           | Nitrates                      | N. C. Dept. of Agr...29451     | 25071-2, 25558, 26060,          |
| tions.....413, 20426           | fertilizers.....11399         | N. Dak. Reclam. Assoc.....     | 29406                           |
| N. Y. (Cornell) Agr. Expt.     | in plants.....21025           | 16424                          | and disease...659, 5220,        |
| Sta.....16065                  | Nitrites.....16838            | Northeastern Wood Util.        | 9408, 9414, 9463, 14534         |
| publications...413, 20426      | Nitrocultivo.....21716        | Council.....7050               | and health...5216, 14600,       |
| research.....20319             | Nitrogen.....6764, 13520      | Northern house mosquito.       | 19733, 19784, 25062,            |
| N. Y. Cotton Exch...13483,     | effect on plants...926,       | <u>See</u> Gulex pipiens.      | 25066, 25080, 29366, 29425      |
| 13485, 18668, 18687,           | 1081, 1776, 1829, 1861,       | Northern Poultry Breed-        | and teeth.....5215, 14505,      |
| 18705, 18707, 18713,           | 6225, 6228, 6257, 6274,       | ing Res. Sta., Reaseheath      | 14517, 19735, 19754,            |
| 18716, 18725, 18729,           | 6276, 6778, 6816, 10533,      | 27544                          | 26060, 26952                    |
| 18754                          | 10567, 11232, 11287,          | Nosema....3206, 3218, 3221,    | Antarctic Regions...5206        |
| N. Y. Dept. of Agr. and        | 11289, 15691, 20257,          | 3246, 3286, 23051              | armed forces....5202-3,         |
| Markets.....29450              | 21776, 21949, 26466,          | Nosopsyllus fasciatus          | 14522-3                         |
| N. Y. State Cheese Impr.       | 26483, 26526                  | and disease.....28234          | as an occupation....656         |
| Program.....4096               | fertilizers....409, 461,      | Nosotrichus.....17963          | Australia.....29362             |
| N. Y. State Flower Grow-       | 1740, 1817, 1824, 1845,       | Notatin.....26540              | bibliographies.596, 20237       |
| ers, Inc.....16065             | 1847, 1855, 1865, 1881,       | Noterus.....12631              | Brazil.....5212, 14535,         |
| N. Y. Zool. Park.....27851     | 2018, 5509, 5512-14,          | Nothofagus antarctica....      | 19737-8                         |
| N. Y. Zool. Soc.....29489      | 5517, 6815, 6825, 6832,       | 26283                          | Canada..5201, 5213, 14518,      |
| Dept. of Insects..17667,       | 6923, 6936, 10045,            | Notoedres.....3366, 3378       | 14531                           |
| 27851                          | 11225, 11240-1, 11276,        | Notoedres cuniculi...28010     | Caribbean Area.....9391         |
| New Zealand spinach...1023     | 11285, 11288, 11407,          | Notoedres muris.....3379       | children.5195, 5197, 5223,      |
| Newcastle disease....7472,     | 11421-2, 16335, 16337,        | Notolophus antiqua...12846     | 5248, 5255, 5596, 5824,         |
| 27623                          | 16341, 16343-4, 16351,        | Notonecta                      | 9473, 9981, 14526, 14545,       |
| virus.....17321                | 16356, 16361, 16368,          | New England.....18058          | 25149, 26060, 29401             |
| <u>See also</u> Pneumoen-      | 16370-1, 16380, 16382-        | Novarsenobillon. <u>See</u>    | Chile.....19741                 |
| cephalitis.                    | 3, 16385, 16388, 16390,       | Neocarsphenamine.              | Cuba.....8386                   |
| Newfoundland. Natural Re-      | 16397, 16401-2, 16532,        | Novohorus.....27999            | deficiencies...595, 5193,       |
| sources Dept. Agr. Div...4938  | 16534, 16536, 16541,          | Nucleic acid.....20911         | 5215, 9393, 14520, 14546,       |
|                                | 20175, 20299, 20432,          | Nucleotides.....15658          | 14559, 19791, 19793,            |
|                                | 21784, 21786, 21791,          | Nucleus (plant).....26487      | 20567, 25063, 29358,            |
|                                | ( <u>See next column</u> )    | Nun moth. <u>See</u> Lymantria | 29362-3                         |
|                                |                               | monacha.                       |                                 |



- Nutrition (human)--Continued.**  
 diet.....233,599,5735,  
 9378,9380-1,9384,9386,  
 9394,9397,14511,14519,  
 14530,14539,14553,  
 25159,25164,25805,  
 26060,29379,29387  
 therapy.....5828  
 vegetarian.....9390  
 Ethiopia.....9391  
 Europe.....658,5190,  
 9391,20484,29383  
 family...5333,9383,9609,  
 25076,25947  
 for blood donors...15064  
 Germany.....9981  
 Great Britain...491,9050  
 Greece.....9934  
 handbooks.....20565  
 Hawaii.....233  
 history.....19752  
 in industry...55,209,5201,  
 5225,9399,9979,14741,  
 14944,15242,20179,  
 20232,25065,25078,  
 25647,25658,29388,  
 29393  
 in old age...5222,9395,  
 14512,19734  
 in pregnancy...5207,14506,  
 29359-61,  
 29365,29369  
 India.....14568  
 Indians.....19743  
 infants...595,5649,9473,  
 14510,29364,29367,  
 29380,29382,29385  
 Italy...14524,14545,25055  
 Latin America.....14552  
 Libya.....14509  
 low-cost foods.....5217  
 Netherlands.....25077  
 Newfoundland.....9439  
 North Carolina.....25082  
 Orient.....9391  
 Panama.....14548  
 Peru...5205,19534,19746,  
 19749,29381  
 Portuguese West Africa..  
 25075  
 postwar...5219,5743,29368  
 programs...5210,9572,9938,  
 15244-5,26032,29384  
 requirements...5198,25947  
 research...81,5224,7116,  
 9387,9389,14556,29370,  
 29372,29390,29454  
 standards and tables...  
 14507,19731,20181  
 starvation...25068,29391  
 study and teaching...5209,  
 9977,14508,14513,  
 19740,19748,19757,  
 25050,25057,25064  
 surveys.....5196,14518,  
 19745,29379,29396  
 Tennessee.....25159  
 Tropics.....19747,29375  
 Utah.....15233  
 youth...5559,9979,15234  
See also Breakfast;  
 Cookery; Food; Insti-  
 tutions, food; Lunches;  
 Metabolism; Vitamins in  
 human nutrition; names  
 of foods and food ele-  
 ments; and subheads  
under Soils.
- Nutrition (insect). See**  
 Insects, nutrition.
- Nutrition (plant). See**  
 Growth substances for  
 plants; Nutrient solu-  
 tions for plants; Plants,  
 nutrition; subheads under  
 Minerals and Soils; and  
 names of plants and  
 plant nutrients.
- Nutrition Found., Inc.**.....  
 25071
- Nuts**.....3737,5848  
 analysis and composi-  
 tion.....13580  
 California.....15169  
 Canada.....21347  
 Peru.....10821  
 products.....13580  
 situation and outlook...  
 13561,25315,28435  
 statistics.....14833  
 varieties...10859,15994  
See also names of nuts.
- Nuttall's cottontail.**  
See *Silvilagus nuttallii*.
- Nycteribiidae**.....23297  
See also names of gen-  
 era.
- Nycteribosca franclemonti**  
 n. sp.....12706
- Nygmaea phaeorrhoea**.....8104,  
 25370  
 control.....20001
- Nylon**.....18734,24129
- Nymphaea**.....10646,10898
- Nymphalis californica**.....  
 18104
- Nymphomania**  
 in cattle.....7242
- Nyssa. See** *Tupelo*.
- O T I (Official Test**  
 Insecticide).....7736
- Oak**.....10407,16598,20897,  
 21032  
 bark.....16702,22155  
 culture.....10655-6  
 diseases...15472,15515,  
 15559,26360  
 management.....16634  
 propagation.....26557  
 wood.....16650  
See also *Quercus*.
- Oak, cork**.....1125,11507,  
 16596,26550  
 anatomy and physiology..  
 26427  
 propagation.....15744
- Oak, durandii. See** *Quercus*,  
*durandii*.
- Oak, durmast**.....6238
- Oak, English**.....6238
- Oak, holly**.....10399
- Oak, laurel**.....1420
- Oak, live**  
 culture.....11505
- Oak, Valonia**.....26552
- Oak, water**.....6211
- Cases**.....14159,14630
- Oat mill feed**.....16744
- Oatgrass, tall**.....1202
- Oatgrass, tuber**.....6693
- Oats**.....13689,26644  
 anatomy and physiology..  
 1032,1083,1146,5889,  
 6247,6250,10597,20990  
 as feed, for swine...22863  
 Australia.....1169  
 Belgium.....26590
- Oats--Continued.**  
 biochemistry.....21025  
 breeding...984,1146,6319  
 culture...1142,15776,15790  
 diseases...891,6087,6137,  
 26366  
 resistance...984,6099,  
 10358,26345  
 Eire.....15769  
 fertilizers...5517,11252,  
 16343  
 France.....10015  
 futures.....25364  
 Germany.....21107  
 Italian East Africa.....  
 10680  
 Italy.....10694  
 nutritive value...11681  
 pests.....8115  
 prices.....14865  
 seed, testing.....26023  
 storage, equipment...3832  
 Sweden.....21078  
 varieties...292-3,15765,  
 15791,16343,21080,  
 21087,21092,21102,  
 25842,25948  
 yields.....15801
- Oats, wild**.....11073
- Oberea bimaculata**.....6038
- Oberea canadensis n. sp.**.....  
 12628
- Obereopsis**.....12686
- Obstetrics**.....22259  
 cattle.....7286  
 livestock...548,576,2334,  
 27293
- See also *Caesarian*  
 section; Retained  
 placenta; and subheads  
 care, postpartum, and  
 parturition under  
 names of animals.
- Ocemyia**  
 North America.....23230
- Occupations**.....656,24688  
See also Women, occu-  
 pations; and subhead  
 as an occupation under  
 specific subjects.
- Ochoco National Forest**....  
 14848
- Ochrogaster contraria**.....  
 28169
- Ochroma lagopus. See**  
*Balsa*.
- Ochropyga lepesmei n. sp.**.....  
 7947
- Ocimum kilimandscharicum.**  
See *Basil*, *camphor*.
- Ocotea**.....10169
- Ocotea, stinkwood**.....16597
- Ocotea acutifolia**.....10237
- Odonata**.....3630,12375,  
 23545,23563  
 Great Britain.....3101  
 larvae.....8145  
 nymphs.....18164  
See also names of fami-  
 lies and genera.
- Odontoglossum tigroides**...  
 6570
- Odontria zealandica**.....28033
- Odynerus dorsalis**.....3541
- Oeceticus. See** *Oiketicus*  
*kirbyi*.
- Oecia oecophila**.....12836
- Oeciaceus vicarius**.....12759
- Oedema. See** *Edema*.
- Oedipoda venusta**.....8139
- Oedisterna**.....17963
- Oenanthe. See** *Water*  
*dropwort*.
- Oenotheraceae**.....15380
- Cestrus. See subhead**  
*estrus under* names of  
 animals.
- Cestrus ovis**.....3477,12694
- Office du Niger, French**  
 West Africa.....9947
- Office International du**  
*Vin*.....8455
- Office management**.....9567
- Oficina Panamericana del**  
*Café*.....28540
- O'Higgins, Bernardo**.....19836
- Ohio State Gladiolus**  
*Soc.*.....10904
- Ohio State Univ.**.....13612
- Res. Found.**.....25218
- Cidium**.....798
- Cidium leaf disease. See**  
*Mildew, of Hevea*.
- Oidium tuckeri. See**  
*Powdery mildew, of grape*.
- Oiketicus kirbyi**.....3552,  
 3556,18102,23468
- Oil meal**  
 as fertilizer...6929,16535
- Oil palm**.....24393,26867
- Oil Palm Res. Sta. of**  
*Nigeria*.....9514
- Oil plants**.....10782,10784  
 Argentina.....26572  
 culture.....1266  
 Europe.....10019  
 France.....13862  
 Germany...19058,19070-1,  
 21190  
 Hungary.....13172  
 Italy.....8919,10789-90  
 Latin America.....11096,  
 11102  
 seeds.....24492  
 utilization.....20656  
See also names of oil  
 plants.
- Oilcakes**.....24396,24403
- Oiling. See** *Equipment*,  
*lubrication; Lubricating*  
*oils*.
- Oils and fats**.....8375,19041,  
 23799  
 agreements.....29335  
 analysis and composi-  
 tion...5774,8914,13845,  
 13855,13866,13874,  
 15162,19046-7,24435,  
 24443,28934,28950  
 animal...13729,13775-6,  
 15308,18980,19011,24447  
 Argentina...19013,19045,  
 28947,28959  
 Asia.....18998  
 British Empire.....28928  
 Bulgaria.....28927  
 Colombia.....8900  
 conservation.....15107  
 consumption.....19010  
 emulsions.....25171  
 Europe.....13771,13776,  
 13842,18997,19004,  
 19013-14,19017  
 extraction...24402,28946  
 Finland.....18964  
 for floor finishes...20410  
 France.....8850,8912,  
 13836,13854,13857,  
 13865,18964,18996  
 Germany.....18985,18999



- Item**  
Oils and fats--Continued.  
Great Britain.....18964  
Haiti.....4554  
Hungary.....18964  
in flour.....18871  
in food manufacture.....  
4538,15162  
in foods.....28544  
in human nutrition.....25117  
in insects.....23512  
in plants.....6272,21024  
India.....13841,20538  
industry.....13836  
Italian Africa.....13859  
Italy.....18993,19024,19064  
Latin America.....11102  
manufacture and refining  
18987,19029  
marketing.....19006,19039  
melting point.....19053  
Mexico.....19039  
Netherlands East  
Indies.....24391  
nutritive value...15162,  
25112  
plant sources.....26206  
prices.....19064  
processing....4535,8903,  
15162,20538  
cooperatives.....24406  
Puerto Rico.....13864  
rationing....18964,18999  
regulation and inspec-  
tion.....5487  
salvage..204,5335,5420-1,  
5477,5481-2,5663,13776,  
20231,25491,25650  
situation and outlook...  
54,4549,4552,8387,  
8898,19002,19073,  
20531,24403,25312  
Spain.....19006  
spillage....19021,19047,  
28945  
statistics..13842,18980,  
19000,19014,24447  
substitutes.....13160  
Switzerland.....18964  
Syria and Lebanon...4528  
trade.....18980,19000,  
19006,19010-11  
utilization.....13822,  
14937,15162  
vegetable....5774,13841,  
15308,16252,19000,  
19003,19010-11,19024,  
24406,24428,24447,  
25112,28927-8,28947,  
28950  
vitamins.....19772  
See also Drying oils;  
Essential oils; Fuel  
oils; Lubricating oils;  
Fuels, oils and fats;  
and names of oils and  
fats.  
Oilseeds.....15308  
analysis and composi-  
tion.....19018  
Argentina.....28940  
biochemistry.....6816  
France.....8380  
history.....13853  
India.....19030  
Italian East Africa.....  
13843,19018  
situation and outlook...  
24403  
utilization.....8914
- Item**  
Oilseeds--Continued.  
waste  
as fertilizer....16535  
See also names of oil-  
seeds.  
Oiticica oil.....24413  
See also Licania rigida.  
Oka, Quebec. Inst.  
Agr.....14626,14632  
Okla. Agr. and Mech.  
Col. Res. Found.....14690  
Okla. Agr. Expt. Sta.16943  
Bixby Veg. Res. Sta.9730  
Okoubaka n. g.....5965  
Okra.....14582,24208  
Olea europaea.....10221,  
15354-5  
See also Olives.  
Oleander  
poisonous plant...11716  
Cleo oil.....8888  
Oleomargarine. See Marga-  
rine.  
Cleoresin.....6301,27221,  
27223  
Oliarus (Melanoliarus)  
n. sgen.....28138  
Oligoneuriella rhenana...  
8154  
Oligotracheatae.....17876  
Olios.....17896  
Olive fruitfly. See  
Dacus oleae.  
Olive oil..4529,4536,19027  
Aegean Islands.....24404  
Algeria.....19012  
analysis and composi-  
tion.....19032,19057,  
24422,24428,24436  
as fuel.....18307  
extraction.....18988,  
19048-9,19062,24388,  
24407,24432,28956  
France.....19012  
Italy.....18992,19074,  
24405,24421,24430  
Libya.....19019,24404  
Morocco.....19012  
nutritive value...19761  
production.....19015  
research.....19060  
Spain...8916,24386,28938  
statistics..19012,24400  
Tunisia.....19012,19052  
Olives.....15934,26703-4  
Aegean Islands.....24404  
Algeria.....4536  
analysis and composi-  
tion.....8710,18994,  
19027-8,19032,19054  
anatomy and physiology..  
15590-2,15661,  
15666-9,15674  
Argentina....4530,10835,  
24212,26699-700  
Brazil.....21282  
byproducts.....19051  
as feed  
for swine.....12315  
culture....10829,15910,  
15912,15919,15921-2,  
21275,21289,21827,24433  
Dalmatia.....19023  
diseases....20811,20839,  
20845,20869  
fertilizers..1855,21808,  
26988  
France.....20520  
Greece.....15929  
harvesting.....21281
- Item**  
Olives--Continued.  
history.....15922  
Italy..10826,15909,15916,  
15918,15923,15925,  
15927,15930,15937,  
15949-50,15952,18989,  
18992,19026,19074,  
20520,21257,21259,  
21263,21274,21277,  
21279,21283,21287-8,  
21290,21272,24385,  
24392,24394,24399,  
24420,24424,24430-1,  
24439,24451  
Libya.....24404  
Morocco.....24444  
North Africa.....20520  
nutritive value...19786  
oil.....24390  
pests...3410,3523,12714,  
12791,18066,  
23296,28093  
Portugal.....19016  
preharvest drop...15665  
preservation...19055-6,  
24212  
propagation.....10828,  
15914,15926,15936,  
15939,21263,21276  
pruning....21274,21279,  
26988  
Sicily.....15932  
soils.....21727,21894  
Spain.....4533,19005,  
19007-9,21280,28925  
statistics..19008,19025,  
24385,28925  
trade.....24431  
Turkey.....19025  
varieties...10834,15917,  
15931,15934,15951,19033  
See also Olea europaea.  
Omania coleoptrata...12775  
Omaseus melanarius...12608  
Omphalia flavida. See  
Leaf spot, of coffee.  
Omskii Trest Zerno-  
sovkhozov.....21104  
Oncerothelusus.....8067  
Onchocerca caecutiens  
transmission.....8000  
See also Onchocerciasis.  
Onchocerciasis.....18004  
in horses and asses....  
22566  
See also Onchocerca  
caecutiens.  
Oncopeltis fasciatus.....  
22913,22915  
Onesia.....8016  
Onion, fragrant.....20925  
Onion, Welsh...15578,20932  
See also Allium fistu-  
losum.  
Onion maggot. See Hylemya  
antiqua.  
Onion thrips. See Thrips  
tabaci.  
Onions.....118,16259  
anatomy and physiology..  
1069,6192,6242,  
10551,10611,13577,  
20937,26526  
biochemistry.....10612  
breeding.....16193  
Chile.....21593  
culture.....1595,1608,  
1614,1618,9680,11012,  
16188,20267,20428,  
21580,21612,26846
- Item**  
Onions--Continued.  
diseases..816,6064,15478  
heredity.....10508  
hybrids.....15578  
marketing.....5459  
pests..9658,12727,12778,  
12894  
planting.....1655,6663  
seed, treatment....15458  
situation and outlook...  
4294,14934  
See also Allium.  
Oniscoidea  
Africa.....28006  
See also Isopoda,  
Oniscoidea; and names  
of families and genera.  
Onoclea sensibilis. See  
Sensitive fern.  
Onocleopsis.....10259  
Onograceae.....10025  
Onoseris.....26192  
Ontario Agr. Col....29492,  
29494  
Dept. of Soils.....29462  
Ontario Agr. Comm. of  
Inquiry.....4850  
Ontario. Dept. of Agr.  
Statis. Branch.....18490  
Ontario Hort. Assoc...1108  
Ontario Prov. Hort. Expt.  
Sta., Vineland.1298,21236  
Onychotillus vittatus  
n. g., n. sp.....17925  
Oospora lactis.....5524  
Opegrapha atra.....6016  
Opharus.....18147  
Ophiobolus graminis. See  
Take-all.  
Ophiomyia pinguis....28098  
Ophiostoma. See Cerato-  
stomella.  
Ophthalmia, periodic.20543  
Opiliones. See Phalangida.  
Opilo domesticus.....7933  
Opisthoplatys tonkinensis  
n. sp.....12779  
Opium.....14002  
Oplopanax horridum...16027  
Opseotapinotus.....3418  
Opuntia. See Prickly pear.  
Opuntia schultzei n. sp...  
5925  
Opuntia weberi dispar.5926  
Orange, mandarin  
vitamins.....20248  
Oranges  
anatomy and physiology..  
6419,10519,15593,  
20985,26407,26521  
Australia....18756,28738  
Colombia.....18789  
containers, treated....  
28777  
costs and returns...4956  
culture.....1815  
diseases..835,848,6126,  
10304,10519,15423,  
15593,17907,20815,  
20963,26322  
grading and standardi-  
zation.....18816  
India..15907,15940,18816  
irrigation.....21850  
juice.....4372  
frozen....13611,28801  
marketing....8726,18789,  
24193  
nutritive value...5253,  
14551



- Oranges--Continued.**  
oil.....24240  
Paraguay.....18776  
peel.....24247  
pests.....28238  
Portugal.....14483  
prices.....8741  
products.....24223  
pruning.....1323  
regulation and inspection.....19998  
soils.....16333,21710  
Spain.....24174  
trade.....14483  
utilization.....13591,18789  
varieties.....1332,15945,15948  
wine.....18533  
yields.....15945  
Orchard management...1302,1886,6429,6441,12841,18106,19459,20591,21245,25674,26712  
Belgium.....21254  
France.....21254  
New Zealand.....21251  
Orchardgrass....186,12820,21058  
diseases.....20868  
Orchards. See Cover crops, orchard; Fruit.  
Orchetypus rugifrons..3619  
Orchid  
anatomy and physiology..10570  
Brazil.....1573  
China.....1414  
Colombia.....26795  
culture..1397,1426,1447,1482,1493,1511,1539,6542,6545,10864,10869,10934,10944,10959,16102,16137,20995,21398,21538  
germination..1475,16094  
pests.....17741,23361  
varieties.....1403,1413,6553,10951  
Venezuela.....16070  
See also names of orchids.  
Orchidaceae.....5900,5944  
Andes Mountains....26208  
Australia.....749,763,10210,10235,10240,26212,26227  
Brazil.....5939  
Indochina.....10203  
Mexico.....15381  
Venezuela.....10933,26170,26173  
Orchis purpurella...26222  
Orectogyrus.....12630  
Oreg. Home Econ. Ext. Council.....5680  
Oreg. Reclam. Congress....16453  
Oreg. State Land Bd..29207  
Oreg. Turkey Impr. Assoc.....27537  
Organizations...5155,5157,9333,9346,10061,14451,14457,19665,24989,25002  
Argentina.....4701,5134,14461,24982  
bibliographies...20123-4  
Brazil.....19678  
Canada.....5113,19674,19696,19701  
Colombia.....14443-4
- Organizations--Continued.**  
finance.....24986  
Germany.....9350  
Inter-American.....20491  
international.....14761,15308,29330  
Mexico.....9335,28869  
New Jersey.....25000  
Spain.....24273  
Sweden.....24986,29267  
Union of South Africa...5131,14467,19700,29324  
Uruguay....19671,19691,24718,25007-10  
See also Clubs; Cooperative organizations; Farmers, organizations; Women, organizations; names of organizations; and subhead associations under specific subjects.  
Oria musculosa..3573,12832  
Oribatidae.....7896,12575,17903,27996  
See also names of genera.  
Oriental cockroach. See Blatta orientalis.  
Oriental fruit moth. See Grapholitha molesta.  
Oriental housefly. See Musca vicina.  
Oriental rat flea. See Xenopsylla cheopis.  
Origanum, Crete-dittany...1738  
Oritoniscus.....7900  
Ormenis Metcalf. See Epormenis.  
Ormoplastina.....16821  
Ormosia.....3442,12693  
Ornamental plants...1554,6485,6598,10950,16172,21437,21513,26069  
annuals.....1424,1454,1581,10915,10973,10987,10999,26816  
biennials....10905,26805  
color and fragrance....11003  
culture.....16065,16149,21541  
seasonal care....6544,16117  
diseases..6026,6028,6155  
California.....25666  
control.....26306  
fertilizers..16345,16357  
for various situations..21422,21456,21493,26815  
Great Britain.....1432  
Mexico.....26746  
perennials...1435,1505,1510,1550,1556,1578,6504,6595,6601,16043,21384,21395,21399,21405,21435,21519,21546,26805  
planting.....21423  
propagation..1559,21402,21447  
Pyrenees.....10916  
seasonal....16032,16037,16115,16171,21519,21544  
soils.....1499  
varieties.....1446,1554,1579,6537,6600,10811,10903,10990,21421,26820
- Ornamental plants--Continued.**  
See also Flowers; Shrubs; Trees; and names of plants.  
Ornithodoros crossi..12592  
Ornithodoros papillipes...17891  
and disease.....23122  
Ornithodoros turicata....28022  
Oropsylla  
North America.....3633  
Oroyo fever.....23289  
Orsodacninae.....17938  
Orthaga exvinacea....18110  
Orthaulaxis.....17938  
Orthozia urticae.....12763  
Orthodichlorobenzene.18011  
Ortholitha.....8094  
Orthopodomyia alba...23257  
Orthoporus.....17894  
Orthoptera.....18156  
Africa.....28214-15  
anatomy and physiology..8132,12871,28212  
Belgian Congo.....9975  
color.....12870,12885  
Mexico.....28222  
North Africa.....12872,20561  
See also Grasshoppers and locusts; and names of families and genera.  
Oryza sativa. See Rice.  
Oryzaephilus surinamensis.....3123  
Oryzopsis.....26204  
See also Ricegrass.  
Osceola Natl. Forest, Fla. maps.....5441  
Oscinisoma.....28096  
Osigan, V. K.....18172  
Osmosis.....15639,26499  
Osmunda.....10473  
See also Cinnamon fern.  
Ossaea.....20697  
Ossification, of the heart in horses.....7369,27520  
Ostede.....17935  
Osteitis, in cattle...2488  
Osteology.....5804  
Osteoma  
in livestock.....11718  
Osteomyelitis  
diagnosis.....11718  
therapy.....16846  
Osteomyelosclerosis  
in poultry.....17350  
Osteoporosis  
in horses....12010,17192  
Osuna, Pedro.....14814  
Otiorynchus.....28041  
Otitis.....11708  
Otitis externa  
in horses.....17174  
Otto, W. N.....2683  
Oudemansiella.....15407  
Outlook, agricultural.  
See Agriculture, situation and outlook.  
Ovaries  
of cattle.....7275  
of dogs.....2593  
Ovariectomy, cattle...15214  
Ovulinia azaleae  
on azalea.....20861  
Oxalidaceae.....15380  
Oxalis.....1567
- Oxalis, violet wood-sorrel.....16256**  
Oxalis carnosa.....10971  
Oxen.....2576,7240,17072,22553,27471  
Nigeria.....2446  
Oxidase.....8712,25114  
Oxycaus cervinata..28033,28178  
Oxycara.....12666  
Oxycara chudeaui n. sp....12668  
Oxychloride....16857,16863  
Oxydiscus.....3441  
Oxygen  
effect on plants...6283,20981  
in canned foods....12460  
in insects.....28072  
in plants....10100,10562  
Oxypetalum caeruleum..1512  
Oxypoda.....7957  
Oxyrhina zoppei n. g., n. sp.....17897  
Oxyuriasis  
in rabbits.....17505  
Oysters.....14001,15203  
nutritive value....25087  
Oystershell scale. See Lepidosaphes ulmi.  
Ozark Natl. Forest....135
- F. P. Flea Beetle Dust....3398,12657**  
Pachnoda rattorum n. sp...12659  
Pachybolus laminatus.12607  
Pachycerina pulchra..12695  
Pachychitra.....12578  
Pachynematus.....3542  
Pachyolpium.....12578,27999  
Pachyonyx.....12660  
Pachypeza.....3403  
Pachypezini.....3403  
Pachyphytum werdermannii...736  
Pachyphylla celtidis-gemma.....18078  
Pachyraerus etcheberi n. sp.....12661  
Pachyrhizus. See Yam bean.  
Pachytilus migratorius...23533  
Pachytychius.....12666  
Packaging.3910,13614,23833  
directories.....28476  
postwar.....23839  
See also Containers; and under specific subjects.  
Packers and Stockyards  
Act.....25560  
Padua, Univ.....16776  
Paederia foetida....20928  
Paederus fuscipes....23180  
Paeonia. See Peony.  
Painted lady. See Vanessa cardui.  
Painting...3804,8360,8362,13145,18205,23786,28425  
Paints and varnishes.8359,28064  
Pakchoi.....16229  
Pale western cutworm. See Agrotis orthogonia.  
Paleacrita vernata....3569  
Paleobotany...629,673,693,5880-1,9485,10083,10085,10092,10095-7,  
(See next column)



- Item**  
 Paleobotany--Continued.  
 10119-21, 10142, 15314,  
 15323, 15326-30, 15336,  
 15338, 15340, 20627,  
 20629-30, 20653, 26125,  
 26132-3, 26136-7,  
 26150, 26153-4  
 pollen analysis.....681,  
 10412, 26138  
See also Fossils; and  
subhead Fossil under  
 Algae, Eucalyptus,  
 and Pine.  
 Paleozoology.....9485  
See also Fossil arthro-  
 pods; Fossil insects;  
 Fossils.  
 Palermo, Giardino Colo-  
 niale.....10086  
 Palermo, Inst. Botanico...  
 10086  
 Palermo, R. Orto Botanico.  
 10086  
 Palestine Forestry Soc....  
 22030  
 Palm  
 Cuba.....5921  
 oil.....10043  
 pests.....12658  
See also names of palms.  
 Palm, peach.....19172  
 Palm weevil. See  
 Rhynchophorus palmarum.  
 Palmaceae.....10025  
 Palmetto.....10983  
 Palmira (Colombia). Esta-  
 ción Agr. Expt.....25216  
 Palparinas, anatomy and  
 physiology.....28235  
 Paltodora.....12837  
 Pamphagulus.....28214  
 Pamphiliidae.....23416  
See also names of gen-  
 era.  
 Pan-disease. See Micro-  
 cystis flos-aquae.  
 Panacra.....12818  
 Panama disease, of banana.  
See Wilt, of banana.  
 Panama-hat industry..24929  
 Pangolins.....23427  
 Paniasis Druce. See  
 Neopaniasis n. n.  
 Panicum.....10743  
 Panicum, blue..21166, 26636  
 Panicum miliaceum. See  
 Proso.  
 Panicum miliare.....20674  
 Panicum purpurascens. See  
 Para grass.  
 Panicum xanthophysum...730  
 Panleukopenia  
 in cats.....2602, 17128  
 Pansy.....1451, 16150, 26813  
 Pantomorus.....28058  
 Pantomorus godmani....9658  
 Pantomorus leucoloma..5414  
 Pantothenic acid....23393,  
 29417  
 in poultry nutrition....  
 7455, 17339  
See also Vitamin B;  
 Vitamin B<sub>2</sub>.  
 Papain.....8645, 24101  
 Papaver somniferum. See  
 Poppy, opium.  
 Papayas....1322, 1330, 5839,  
 10827, 15935  
 anatomy and physiology..  
 26419  
 India.....18779
- Item**  
 Paper. See Pulp and paper.  
 Paper-mulberry.....11511  
 Paperboard.....2205, 4400,  
 4681, 5443, 6983, 7073,  
 8794, 16691, 20080,  
 22149, 27234  
 industry.....22143, 22154  
 physical properties....  
 2206, 11597, 16693, 22150  
See also Boxes, paper  
 and paperboard; Con-  
 tainers, paper and  
 paperboard.  
 Paperhanging.....20376  
 Papilio.....17725  
 Asia.....23514  
 Papilio aristodemus  
 ponceana.....18124  
 Papilio mylotes.....12864  
 Papilionidae.....12848  
See also names of gen-  
 era.  
 Paprika. See Peppers.  
 Para grass.....6363  
 Paracoenosia n. g....23284  
 Paradichlorobenzene...3301  
 Parafield (So. Austral.)  
 Egg Laying Competition...  
 22685  
 Parafield (So. Austral.)  
 Poultry Expt. Sta...22747  
 Paragonyleptes antiquus...  
 12596  
 Paraleirides bickardti....  
 12641  
 Paralysis  
 in cattle.....7272  
 in dogs.....17133  
 in poultry.....27634  
 in sheep.....12269  
 in swine.....7682  
See also Leukosis, in  
 poultry.  
 Paramallocera ilinizae....  
 28056  
 Paranelima.....12571  
 Paranomada californica  
 n. sp.....12797  
 Paranocephala mamillana  
 in horses.....17172  
 Paraphasia.....28069  
 Paraphidippus.....28002  
 Paraphoranthra.....28069  
 Paraplegia, in sheep.17569  
 Paraproctitis  
 in horses.....7366  
 Parasites.....12424, 15212  
 Bulgaria.....11737  
 indexes.....14777  
See also names of para-  
 sites; and under names  
 of hosts.  
 Parasitic plants.....691,  
 6683, 20754  
 Parasitology.....646, 653,  
 20617, 27867  
 Paratetranychus pilosus...  
 3382, 7901, 9973, 17878  
 Parathesis.....26207  
 Parathyroid  
 of pigeons....7495, 22668  
 Paratrachobius anduzei  
 n. sp.....12706  
 Paratrionza cockerelli....  
 9751, 18051  
 Paratuberculosis. See  
 John's disease.  
 Paratyphoid. See Salmo-  
 nellosis.  
 Paraxyleborus n. g...12635
- Item**  
 Paraxylon n. g.....28045  
 Parc National Albert,  
 Belgian Congo.....9975  
 Parc Zoologique du Bois  
 de Vincennes.....12440  
 Pardalaspis.....28096  
 Pareronia valeria....3609,  
 28204  
 Parhemios.....28035  
 Paria canella.....9658  
 Paris. Museum National  
 d'Histoire Naturelle....  
 8056, 8067, 12383  
 Paris green.....23340  
 Parity.....15210, 28486  
See also under Prices.  
 Parks.....5864, 16104, 27169  
 Argentina.....10888  
 Belgian Congo.....21471  
 Canada.....19655, 21473  
See also Gardens and  
 gardening, public;  
 Memorial plantings;  
 U. S. Natl. Park Serv.;  
 and names of parks.  
 Parkia n. g.....5996  
 Parlageria n. g.....28145  
 Parlaspi n. g.....28145  
 Parlatoria.....28145  
 Parlatoria oleae....18066  
 Parliamentary practice....  
 25921  
 Parmena gauthieri....7962  
 Parnassius.....18118, 23464  
 Parnassius clodius stroch-  
 beeni n. ssp.....8127  
 Parques Nacionales del  
 Aguazú, Argentina....3095  
 Parsley.....6695  
 Parsnip, wild..11067, 11074  
 Parsnips.....5611, 5945  
 Parson, Howard Everett....  
 5286  
 Part-time farming..2, 4895,  
 9197, 9299, 14238  
 Parthenium argentatum.  
See Guayule.  
 Parthenium incanum...15612  
 Parthenogenesis  
 insect.....17814, 27934  
 Parturition. See Obstet-  
 rics; and under names  
 of animals.  
 Paspalum.....779  
 Paspalum dilatatum. See  
 Dallis grass.  
 Pasqueflower. See Anemone.  
 Passalobia quadricaudata..  
 17881  
 Passania spicata.....8083  
 Passiflora.....16126, 26371  
 Passiflora coerulea..16049  
 Passiflora edulis. See  
 Granadilla, purple.  
 Passion fruit. See Grana-  
 dilla, purple.  
 Passionflower. See Passi-  
 flora.  
 Passos, Viola Harriet  
 dos.....3567  
 Pasteur, Louis.....23538  
 Pasteurella.....17565  
 Pasteurella avicida..17312  
 Pasteurella pseudotuber-  
 culosis.....23542  
 in goats.....12268  
 Pasteurella septica...7335  
 Pasteurella tularensis....  
 3358  
See also Tularemia.
- Item**  
 Pasteurellosis  
 in livestock. See Hemor-  
 rhagic septicemia.  
 transmission.....22511  
 Pasteurization.....5778  
 equipment.....28298  
See also under Milk;  
 Wine.  
 Pastinaca sativa. See  
 Parsnip, wild.  
 Pastinaca silvestris. See  
 Parsnip, wild.  
 Pastinaca urens.....11060  
 Pastry.....28937  
 Pasture-Forage-Livestock  
 Program, Nebraska...20415  
 Pastures.....183, 198, 1249,  
 5694, 11691  
 and animal nutrition.21,  
 3011, 11652, 16765,  
 16950, 25793  
 Australia....1198, 1256,  
 7629, 10741, 15839, 21139  
 Canada.....1254, 6365,  
 7453, 11844, 15846, 26630  
 Colombia.....6360  
 Costa Rica.....7228  
 costs and returns...9222  
 dry-land.....1217  
 East Africa.....1244  
 Eire.....21186  
 fertilizers...315, 1799,  
 1819, 1824, 1827, 6945,  
 9725, 11242, 11246-7,  
 11256, 11285, 11451,  
 16352, 16359, 16380,  
 16397, 16405, 20439,  
 21770, 21789, 21810,  
 25716, 26949, 26971,  
 26975, 26983  
 Florida.....25672  
 France.....21147  
 Great Britain.1209, 26107  
 Illinois.....25733  
 Indiana.....15841  
 infested....12257, 22243  
 irrigated...10741, 11340,  
 14908, 15813  
 irrigation.....6855  
 Italy.....12254  
 Kenya.....558  
 management.....235, 304,  
 1184, 1186, 1188, 1211,  
 1221, 1257, 1799, 1807,  
 2415, 2425, 2535, 2897,  
 4943, 5520, 5846, 6347,  
 6349-50, 6353, 6362,  
 9704, 10017, 10739,  
 10749, 10756, 11293,  
 11760, 15812, 15814,  
 15818, 15830, 15834,  
 15838, 15840, 15844,  
 15857, 16359, 17585,  
 20413, 20430, 20432,  
 21134, 21153, 21161,  
 21165, 21179, 21181,  
 21635, 21745, 22318,  
 25720, 25733, 26620,  
 26632, 26942, 27392  
 seasonal..10767, 15827,  
 15847, 21150, 26618  
 New England.....21160  
 New Zealand.....1247  
 Palestine.....6364  
 Peru.....1216  
 pests.....20368  
 planting.....1139, 1190,  
 10772, 21162, 26617,  
 26638, 26949  
 research.....25340



- Pastures--Continued.**  
 seasonal.....1203,1234,  
 1251,21133,21174  
 soils.....16302  
 Spain.....11687  
 Sweden.....1235,16749  
 Switzerland.....7233  
 Union of South Africa...  
 21143,21167  
 Virginia.....15835  
 water supply.....27020  
See also Field crops,  
 rotation with pasture;  
 Forage plants; Grasses;  
 Grasslands; Grazing;  
 Ley farming; Meadows;  
 Ranges; and subhead  
 feeding and nutrition,  
 pasture and range under  
 names of animals..  
**Patella, of horses**...12024  
**Patents**  
 bibliographies.....5413  
 pest control.....25377  
 plant.....1332;6442,  
 15898,15948,16155,  
 21224,21312,26681  
**Pathology**.....14556  
See also Diseases;  
 Phytopathology; Veteri-  
 nary medicine; and sub-  
 head diseases under  
 specific subjects.  
**Patterns (sewing)**...10,390  
**Paulian, R.**.....28031  
**Paulistostreptus n. g.**....  
 17894  
**Paulownia**.....1509,10527  
**Paupoda**.....12590  
See also names of fami-  
 lies and genera.  
**Pavlov, I. P.**.....20618  
**Pavonia**.....5973  
**Pea aphid.** See Macro-  
 siphum pisii.  
**Pea sheller**.....25916  
**Pea vine, maritime.** See  
 Lathyrus japonicus.  
**Pea vine, rough**.....1030,  
 20244,21177  
**Pea weevil.** See Bruchus  
 pisorum.  
**Peach, Kansu**.....21294  
**Peach velva**.....14739  
**Peaches**  
 advertising...4269,4278,  
 4281,4309,4314  
 anatomy and physiology..  
 1041,10497,15417,  
 15627-8  
 Canada.....18815  
 canning....20234-5,20240  
 cookery.....20239  
 costs and returns...4957,  
 24821,24825,24838  
 culture.....1354,1357,  
 6432,15973,21299  
 diseases...930,6095,6144,  
 10349,10364,10387,  
 14776,15554,15557  
 resistance.....935  
 dried.....8763  
 fertilizers...1825,1853,  
 16332,20203  
 for processing....24264  
 freezing.....9406,13621,  
 20236  
 harvesting...6426,20380,  
 20462,21304  
 hybrids.....21307  
**Peaches--Continued.**  
 marketing....5460,24189,  
 24192  
 Morocco.....1360  
 Ohio.....15954  
 packing.....3786  
 pests..3551,12826,17725,  
 20591,23153,27930,  
 28146,28193,28205  
 preservation..9540,20360  
 prices.....24201  
 propagation...935,10837,  
 10843  
 pruning.....10840  
 situation and outlook...  
 4282,4286,4292,8688,  
 8692,25648  
 soils.....6804,6838  
 spraying and dusting....  
 348,374  
 thinning.....1351,1355,  
 6423,6437  
 utilization.....8692  
 varieties.....1353,1373,  
 5515,6421,10041,  
 21291,21313  
 vitamins.....9406  
See also Prunus.  
**Peachtree borer.** See  
 Sanninoidea exitiosa.  
**Peanut shellers**.....25488  
**Peanut**....5370,8906,28944  
 agreements.....29335  
 analysis and composi-  
 tion.....19985,24389,  
 24414,24446  
 anatomy and physiology..  
 6229,6233,6259,26477  
 Argentina.....15865  
 butter.....24448  
 Colombia.....15866  
 culture...1267,5653,6384,  
 6910,10788,21164,25675  
 curing.....19924,19938  
 diseases..6067,6123,6139  
 fertilizers.....6796  
 harvesting...14968,19924,  
 19938  
 hay.....323,7721  
 history.....21198  
 industry.4545,8917,19050  
 directories.....19943  
 labor.....24825  
 market reports....25601  
 meal.....13839  
 analysis and compo-  
 sition.....24414  
 as feed  
 for cattle....21948  
 as fertilizer...21948  
 nutritive value...4558,  
 19777  
 oil....9651,13852,13867,  
 28951  
 oilcake.....29374  
 as feed, for cattle...  
 27433  
 pests..6067,12442,18112,  
 25678,28239  
 processing.....24446  
 products.....14968,28933  
 programs.....19983-90  
 regulation and inspec-  
 tion.....19987-90  
 sampling.....19986-90  
 seed.....27  
 situation and outlook...  
 4550,13561,18990  
 soils.....26919  
 spraying and dusting....  
 7721,14745,19922  
**Peanuts--Continued.**  
 statistics.....46,25323  
 storage.....14968  
 utilization...13876,24449  
 varieties.....6259,15025  
 yields....32,6067,25681,  
 26950  
**Pear bud mite.** See  
 Eriophyes pyri.  
**Pear thrips.** See Taenio-  
 thrips inconsequens.  
**Pearl millet**...6357,15836,  
 26422  
**Pears**.....15965,19912  
 anatomy and physiology..  
 1044,1058,26408  
 Australia....18760,24163  
 canning.....19912,24249,  
 24258  
 culture.....1347,6443  
 diseases....6104,10344,  
 15505,15516,15520,  
 20753,20755,20854  
 control....804,10363,  
 26313  
 dried.....8763  
 drying.....9757  
 harvesting..21295,21311,  
 24219  
 jam.....24256  
 marketing.4313,4322,5460  
 packing.....9758  
 pests.....9658,23430  
 preharvest drop...10558  
 pruning.6422,10838,21302  
 refrigeration.....13569  
 spraying and dusting....  
 5488  
 storage.....5488,24219  
 Switzerland..6434,21292,  
 24179  
 varieties.250,1373,10042  
**Pearse, A. S.**.....8145  
**Peas**.....8705  
 analysis and composi-  
 tion.....13576,25127  
 anatomy and physiology..  
 6231,10490,21006,26516  
 as feed  
 for swine...7665,17617  
 Australia.....6221  
 biochemistry.....6277  
 Canada.....13562  
 canned.....13576,14557  
 canning.....4359,28785  
 China.....16239  
 culture...299,1612,1627,  
 1635,6620,9827,  
 21583,25950  
 diseases....6078,10353,  
 10360,15462,15473  
 dried...5383,9639,19964,  
 25327,25646  
 field.....6352,10752  
 for processing....16202,  
 16236,21583,25950  
 France.....16236  
 harvesting, equipment...  
 13020,23673  
 injuries.....6046  
 marketing.....8729  
 nutritive value...9454,  
 25687  
 pests....3434,3513,3525,  
 8062,9658,12758,  
 14788,27909  
 regulation and inspec-  
 tion.....25473  
 seed.....13576,24491  
 spraying and dusting....  
 3432  
**Peas--Continued.**  
 varieties....11014,20244  
 vitamins.....19796  
**Peat**.....948,6955,10412,  
 11138,11156,15657,19155  
 as fuel.....7094  
 in soil improvement....  
 2043,11439,27108,27119  
See also Bogs, peat.  
**Peat soils**.....228,1775,  
 10264,11132,11337,26468  
**Pecans**  
 culture.....172  
 diseases.....5490  
 fertilizers.....21732  
 harvesting.....12993  
 history.....15995  
 Mexico.....28809  
 nutritive value...20249  
 pests.....5490  
 soils.....16326  
 storage.....15021  
**Pectin**.....26435,28754  
**Pectinophora gossypiella**..  
 71,5412  
 control.9575,12850,28173  
 Nigeria.....12824  
 parasites and predators  
 of.....18111  
**Pediculosis.** See Lice,  
 on man.  
**Pediculus humanus**.....12907  
**Pediculus humanus corporis**  
 12909-10,18189,28246  
 and disease...7728,12911  
 control....18186,23564,  
 23567  
**Pediculus humanus humanus**..  
 8160  
**Pediculus vestimentii.** See  
 P. humanus corporis.  
**Pediomelum**.....5984  
**Peet-Grady Method (in-**  
 secticide evaluation)....  
 3160,7738  
**Pegomya hyoscyami**  
 betae.....17994  
**Pelecopsis**.....28001  
**Pelocherops**.....12671  
**Pelot pecoudi n. sp.**..12621  
**Peltigera**.....15405  
**Peltularia n. g.**.....15405  
**Pemphigus betae**.....12777  
**Penicillin**.....2286,2330,  
 7149,7163,10384,  
 15410,17753,26289  
 effect on plant dis-  
 ease.....10385  
 therapeutic use....2303,  
 2343,2603,7136,7258,  
 7285,7337,7391,16846,  
 17022,17044,17320,  
 17551,22220,22248,  
 22262,22417,22425,  
 22516,22520,27325,  
 27403,27416,27427,  
 27436,27496  
See also Veticillin.  
**Penicillium**....692,10615,  
 26289  
**Penicillium glaucum**...1097  
**Penicillium notatum**..1017,  
 10289,10647,26286,26540  
**Penicillium obscuro**..26543  
**Penicillium resticulosum**  
 n. sp.....26540  
**Penis**  
 of dogs.....7342  
 of horses....17168,17183  
See also Prepuce.  
**Penitric acid**.....10647



- Item**  
*Pennisetum clandestinum*.  
 See Kikuyu grass.  
*Pennisetum typoideum*. See Pearl millet.  
 Pa. Agr. Expt. Sta.....5550, 7302, 9733  
 Pa. Forestry Assoc.  
 Woody Plant Pest Council 12433  
 Pa. Work Proj. Admin., War Serv. Proj.....26089  
 Pennycress. See *Thlaspi*.  
 Pennycress, field.....16252  
 Pens.....28370  
 poultry.....8307-8, 8325  
 Penstemon.....1531  
 Pentachlorophenol.....121, 2146, 22111, 27195  
*Pentalonia nigronervosa*... 8048  
*Pentaneura*.....23251  
*Pentatoma rufipes*.....3520  
*Penthesilea ranunculi*.... 12700  
*Penthetria*.....7991  
*Pentila*.....23508  
 Pentobarbital sodium.....11957  
*Pentzia incana*.....3605  
 Peony.....6464, 6552, 26469  
 breeding.....6212  
 culture.....21356, 21460, 26749, 26772  
 fertilizers.....6834  
 shows and sales.....21475  
 varieties...16060, 16081, 21361, 21476, 26783  
 Peony, tree...16145, 21367, 26809  
 People's Dispensary for Sick Anim., Ilford, England.....22219  
 Pepino.....26405  
 Pepper (condiment)....8457  
 substitutes.....16270  
 Pepper, betel...6142, 16262  
 Peppermint.....1715, 16258  
 Peppers....1596, 1620, 5472, 10043, 21582  
 anatomy and physiology.. 15583  
 Argentina.....28743  
 culture.....1648  
 diseases.....1003  
 varieties.....1626  
 vitamins.....25162  
 See also Redpepper, bush.  
 Pepsin.....2592  
*Percanestrinia gentilis* n. sp.....23111  
 Perennials. See under Ornamental plants.  
 Pérez Castellano, José Manuel.....5292  
 Perfumery.....19065  
*Pergandeida mercurialis* n. sp.....8045  
*Pericallia*.....18117  
*Pericoma abreu* n. n.28092  
*Pericoma unicolor*.....28092  
*Periconia*, on Hevea...6103  
*Periconia heveae* n. sp.... 26296  
 Periodical cicada. See *Magicalcica septendecim*.  
 Periodicals.....5082, 29439  
 agronomy.....20628  
 botany.....20628  
 bibliographies...10103  
 Brazil.....19828  
 Canada.....19812
- Item**  
*Periplaneta americana* control.....23534  
*Periscyphops chopardi* n. sp.....12569  
 Perishable Agr. Commod. Act.....4311, 9618, 18804, 20182, 25541, 25574, 25578  
 Periston.....7394  
*Peritmetus*.....12637, 12660  
 Peritoneum of livestock.....16780  
 Peritonitis in cattle.....2500  
 in dogs.....22520  
 Permanganate fungicides.....881  
 Pernambuco. Escola Superior de Agricultura.... 18165  
 Pernambuco. Serviço de Fomento.....14618  
 Pernst-Ducher, Joseph.6548  
*Peronea hastiana*.....3588  
*Peronospora arborescens*. See Downy mildew, of poppy.  
*Peronospora parasitica* on cabbage.....20847  
*Peronospora tabacina*. See Downy mildew, of tobacco.  
 Peroxidase.....20992  
*Perrisia ignorata*.....17991  
 Persea.....10169  
 Persimmons.....26707  
 diseases.....15393  
 wood.....20079  
 Personnel. See under Government and names of Government agencies.  
 Pest control....3167, 3182, 5707, 5819, 7710, 12435, 14630, 18314  
 See also Insects, as pests; Plants, pests; under Armed forces and U. S. Army; and names of pests.  
 Pest control operators.... 3179, 7741  
*Petalycus*.....17875  
 Petrol. See Gasoline.  
 Petroleum substitutes.....18011  
 Petrunkevitch, Alexander.. 19841, 19858  
 publications.....19841  
 Petunia...1460, 21385, 26676  
 pH. See Hydrogen-ion concentration; Soils, hydrogen-ion concentration.  
 Phacelia.....747  
*Phaenicia sericata*....3453, 28060  
*Phaeocoris andreae* n. sp.. 8064  
 Phaeophyceae.....15274  
 Phagocytosis.....28211  
 Phalaenidae Great Britain.....3604, 8099, 8128, 28209  
 Indo-Malayan Region.... 18142  
 Minnesota.....5505  
 See also Cutworms; and names of genera.  
 Phalangida...12556, 17895, 17899, 27995  
 Brazil.....17897, 17900  
 Mexico.....12571
- Item**  
 Phalangida--Continued.  
 See also names of families and genera.  
*Phalangium opilio*....7898  
*Phalaris arundinacea*. See Canary grass, reed.  
*Phalaris tuberosa*. See Canary grass, bulb.  
*Phalepsus*.....17955  
 Phallales.....26281  
 Phalonia.....12837  
 Phanoptera.....12871  
 Phaonia.....28096  
 Pharmacy.....19867  
 Pharyngemphraxis in horses.....7380  
 Phaseolus. See Beans.  
*Phaseolus radiatus*. See Beans, mung.  
 Phasia.....28069  
 Phedomenus.....7931  
 Phegoptera.....18147  
*Pheidole pallidula*....28164  
*Phenanthridinium*....27404  
 Phenanthroline.....4059  
 Phengodes.....23171  
 Phenoforn.....10117  
 Phenol.....3639, 5439-40, 14839, 20104  
 Phenols, chlorinated..7706  
 Phenothiazine insecticides.17738, 18130  
 tests.....11696  
 therapeutic use....2481, 2648, 3002, 3013, 3019, 3066, 5357, 7150, 7262, 7270, 11995, 12270, 16987, 17024, 17191, 17331, 17572, 17636, 22394, 22563, 27421  
 Phenoxy acids.....26497  
 o-Phenyl-phenol....28776-7  
*Phoea tremula*.....3586  
*Pheretima hupeiensis*.22940  
*Phialea temulenta*. See Blind seed disease, of ryegrass.  
 Phidippus.....28002  
 Philadelphia Veg. Growers Coop. Assoc.....24184  
*Philadelphus coronarius* 1417  
*Philadelphus virginialis*... 6484  
 Philia.....7991  
*Philotarsus sticticus*.3638  
*Philygriola semialata*.... 12695  
*Phlaeoba infumata*..23530-1  
*Phlebotomus*. See *Flebotomus*.  
*Phlegetonia*.....18142  
*Phleospora hageniae* n. sp. 20741  
*Phleotribus scarabaeoides*. 3410  
*Phlepsius irroratus*..23405  
 Phloem.....10523  
 Phloem necrosis of elm....916, 6154, 6164, 10396  
*Phlogophora meticulosa*.... 23512  
 Phlox....26246, 26770, 26789  
 varieties.....1486, 1533, 6558, 6596, 10997, 21478  
*Phlyctaenia rubigalis*.... 5395, 23517  
 Phoebe.....10169  
*Phoebe porphyria*....10237  
*Pholcus*.....17898
- Item**  
*Phoma foveata* on potato.....15483  
*Phoma lingam*. See Black-leg, of broccoli.  
*Phoma terrestris* on sugarcane.....26330  
 Phoresy.....28019  
*Phormia regina*.23274, 28080  
 Phosphatase.....61, 2799, 8534, 13361, 18585, 23988, 25149, 28608  
 Phosphate rock..6923, 6930, 11411, 11419, 21956  
 Phosphates.....20279  
 East Africa.....2014  
 effect on plants..926, 1019, 1869, 11189, 11289, 21780, 25791  
 soils.....25791  
 fertilizers.....228, 363, 2014, 9725, 11229, 11236, 11243, 11245, 11263, 21774, 21802, 21945, 21947, 27084  
 fixation.....26898  
 France.....11425, 27083  
 in soils.....11149  
 See also Superphosphates.  
 Phosphorescence in plants.....10636  
 Phosphoric acid.....16757  
 effect on plants.....6264, 6778  
 silage.....7124  
 in plants.....6776  
 in soils....6746, 6750-1, 6758, 6763, 11136, 11142, 11144, 16295, 21698, 26899  
 Phosphorus.....12874  
 effect on plants.....228, 1879, 2020, 6276, 10515, 15638, 20964, 21944  
 fertilizers...6772, 6829, 16390, 16533, 21941, 21969, 25850, 27081  
 fixation.....6758, 16295  
 in animal nutrition.... 2277, 5561, 7233, 11654, 16972, 22188, 22820, 27268  
 in food.....25098  
 in human nutrition.25113  
 in plants.....1082, 15731  
 in poultry nutrition.... 22634, 27584  
 in soils.....1753, 6749, 6775, 11135, 11141, 11158, 11168, 11184, 16299, 26909  
 Phosphorylase.....15719  
 Photographs.....10076  
 Photography.....19643  
 aerial.....27160  
 insects.....12376, 12381  
 livestock...11759, 11763, 11768, 12283, 22293, 27811  
 plants.....702, 1411  
 trees.....20631  
 Photomicrography.....7690  
 Photoperiodism in plants.. 1026, 1054, 1081, 9536, 9566, 10525, 10528, 10547, 10565, 10585, 10589, 15664, 15675, 20970, 20984, 20986, 20991, 26488, 26520, 26526  
 Photoprints.....19823



- Item**  
 Photosensitization...16855,  
 17548  
   in livestock.....2327  
   in sheep.....27783  
 Photosynthesis. See under  
   Plants; and subhead  
   anatomy and physiology  
   under names of plants.  
 Phototropism...20983,28213  
   in insects.....8132  
 Phragmataecia.....23462  
 Phragmidium mucronatum....  
   1008,6232  
 Phricetus.....3499  
 Phrixothrix.....23171  
 Phrurolithus.....12586  
 Phthirus pubis.23569,28247  
 Phthorimaea operculella.  
   See Gnorimoschema oper-  
   culella.  
 Phyciodes.....3575  
 Phycomyces.....10486  
 Phyllocnistis citrella....  
   23499  
 Phyllocoptes.....7906  
 Phyllophaga...14960,23189  
 Phyllophaga anxia...3401-2  
 Phyllophaga barda...3428  
 Phyllostachys.....20704  
 Phyllosticta pirina  
   on apple.....10369  
 Phylloxera...12761,20841  
 Phylloxera vastatrix.8058,  
   12784,18060,23407,28148  
 Phylloxera vitifoliae.....  
   1389,18061,23391  
 Phylloxeridae.....246  
   See also names of gen-  
   era.  
 Phymatoniscus.....7900  
 Phymatotrichum omnivorum.  
   See Root rot, of rose.  
 Physalospora tucumanensis.  
   26273  
 Physarella oblonga...10291  
 Physcia.....26298  
 Physicians.....5095,24955,  
   25061  
 Physiography  
   Argentina.....19815  
 Physiology (animal)...5871  
   See also subheads anat-  
   omy and physiology and  
   physiology under spe-  
   cific subjects.  
 Physobius n. g.....27992  
 Physophoropteraella pa-  
   chylobi n. sp.....28132  
 Physostegia virginiana.800  
 Physothrips xanthoceros...  
   28237  
 Phytelephas. See Ivory  
   palm.  
 Phytic acid.....14576  
 Phytin.....1750,22649  
 Phytomatotrichum  
   omnivorum.....873  
 Phytomonas albilineans.  
   See Leaf scald, of sugar-  
   cane.  
 Phytomonas gypsophilae.911  
 Phytomonas michiganensis  
   on tobacco.....20865  
 Phytomonas passiflorae  
   on Passiflora.....26371  
 Phytomonas savastanoi.  
   See Knot, of olive.  
 Phytomonas solanacearum.  
   See Brown rot, of potato.
- Item**  
 Phytomonas syringae  
   on citrus.....15540  
 Phytomonas nigrirostris...  
   23206  
 Phytopathology...5851,6033  
   Brazil.....25220  
   Germany.....5859  
   Latin America.....10315  
   Mexico.....10324  
   study and teaching.....  
   15420,15463  
   technique and equipment.  
     10138,15424,15431,  
     15442,15509,20833,26325  
   terminology.....26145  
   See also 4-H Clubs,  
   phytopathology; Injec-  
   tions, for plants;  
   Plants, diseases.  
 Phytophaga destructor.....  
   3471,9563,19999,  
   22959,25872  
 Phytophthora  
   on Hevea.....10347  
   on potato.....880  
 Phytophthora cactorum  
   on tomato.....15476  
 Phytophthora capsici  
   on winter squash.....6120  
   See also Buckeye rot,  
   of tomato.  
 Phytophthora cinnamomi  
   on avocado.....15476  
 Phytophthora erythro-  
   septica. See Pink rot,  
   of potato.  
 Phytophthora fragariae.  
   See Red-stele root dis-  
   ease, of strawberry.  
 Phytophthora infestans.  
   See Late blight, of  
   potato; Late blight,  
   of tomato.  
 Phytophthora megasperma  
   on carrot.....15529  
 Phytophthora palmivora  
   on cacao.....15476  
   on orange.....6126  
 Phytophthora parasitica.  
   See Gummosis, of citrus.  
 Picard, François.....15399  
 Picea. See Spruce.  
 Picea abies. See Spruce,  
   Norway.  
 Picea breweriana. See  
   Spruce, Brewer.  
 Picea excelsa. See Spruce,  
   Norway.  
 Picea mariana. See Spruce,  
   black.  
 Picea obovata. See Spruce,  
   Siberian.  
 Picea omorika. See Spruce,  
   Serbian.  
 Picea sitchensis. See  
   Spruce, Sitka.  
 Pickles...4378,8459,13654,  
   14737,14958,28803  
 Pickleworm. See Diaphania  
   nitidalis.  
 Pickling. See Preserva-  
   tion of food; and sub-  
   heads preservation,  
   salted, and salting under  
   names of products.  
 Picotee. See Dianthus.  
 Pictinus aurivillii...28149  
 Picture frames.....338  
 Pie plant. See Rhubarb.
- Item**  
 Pieridae.....3609,28204  
   habits and behavior.....  
   23498  
   See also names of gen-  
   era.  
 Pieris protodice.....8124  
 Pieris rapae...23452,23477  
   control.....3600,23460  
 Piezia.....12610  
 Pigeon pea.....20924  
 Pigeons.....2825,12134,  
   12205,20541,24455  
   anatomy and physiology..  
   2768,12100,27624  
   breeds and breeding.....  
   2675,2679,12043,  
   17245  
   Archangel.....2689  
   Barb.....12041  
   Carneau.....2710,7432,  
   12063,17235  
   Yellow.....17216  
   Cropper, Norwich..2722  
   English Carrier..17215  
   Fantail.....17253  
   Flight, American  
     Domestic...2707,17251  
   Homer.....17220  
   Ice.....27546  
   Jacobin.....2677  
   King..2717,17225,17250  
   Magpie.....7410,17222,  
   22598,27540  
   Mondaine Swiss...17236  
   White.....17252  
   Montauban.....17262  
   Racing Homer...7435  
   Roller.2673,2685,17212  
   Birmingham...17244  
   Scanderoon.....17258  
   Spot.....7416  
   Tippler, Flying..2674,  
   17226  
   Tumbler, West of  
     England.....2696,2718  
   Turbit...2699,17237-9,  
   17242,27555  
   care.....7508  
   seasonal.....22691  
   feeding and nutrition...  
   12079,17267  
   deficiencies....22654,  
   27624  
   heredity.....7423  
   housing.....17212,18359  
   postwar.....17403  
   purchasing.....2945  
   surgery.....7495  
   training.....7435,7508,  
   7531,12125  
   war use.....2911,2918,  
   7531,12155  
   See also Squabs.  
 Pigmentation  
   beak.....17439  
   eyes  
   of dogs.....27501  
   of swine.....17614  
   fur, of rabbits...12222  
   hair.....2413,3037  
   of cattle.....22422  
   of horses.....22539  
   of swine..12313,22854,  
   27807  
   insect.....12885  
   of cattle.....22307  
   plumage.....7423,7554,  
   27541-2  
   of turkeys.....12039
- Item**  
 Pigmentation--Continued.  
   skin, of poultry...7528,  
   7554-5,17256  
 Pigments  
   animal.....16872  
   insect.....18162,28212  
   plant.970-1,10647,15715,  
   20736,21024,25757,  
   26456-7  
   See also Color; and  
   names of pigments.  
 Pigs. See Swine.  
 Pilosium.....20733  
 Pimenta racemosa. See  
   Bay-rum tree.  
 Pinaceae.....20645  
   Mexico.....20707  
 Pinchot, Gifford...19835,  
   19838,19840,19854,  
   25436-7  
 Pine...20901,21044,21046,  
   22043  
   anatomy and physiology..  
   15571,15748  
   biochemistry.....6301  
   breeding.....15571,26554  
   culture.....10653,16404  
   diseases.....885  
   fertilizers...6797,16404  
   fossil.....26154  
   Germany...15748-9,20889  
   management..2086,2187-9,  
   7000,7064-5,15747,  
   16634,16684-5,26562  
   pests.....23372  
   planting.....10661  
   Portugal.....26155  
   products.....22136  
   propagation.....26554  
   pulping.....7076,20080  
   soils.....11195,11201  
 Pine, Aleppo.....22051  
 Pine, cluster..11508,20977  
 Pine, eastern white...675  
   diseases.....20808  
 Pine, Jack  
   injuries.....27259  
 Pine, loblolly.....10651  
   culture.....15736,22054  
   management.....20287  
 Pine, lodgepole.....7941,  
   22118,26559  
 Pine, longleaf.....10568  
 Pine, Monterey.....15737,  
   15741,21037  
 Pine, pitch.....6797  
 Pine, ponderosa..142,17971  
   management...16615,27182  
   pests.....9574  
   soils.....21729  
 Pine, red.....16727  
   management.....22068  
 Pine, Scotch.....142  
   wood.....2142  
 Pine, shortleaf...6,1117,  
   6797,22049  
 Pine, sugar  
   wood.....20079  
 Pine, western white  
   diseases....19997,20006  
 Pine, white. See Pine,  
   eastern white; Pine,  
   western white.  
 Pineapple mealybug. See  
   Pseudococcus brevipes.  
 Pineapple weed.....16255  
 Pineapples.....118,26689  
   Argentina.....15924  
   canned.....5487



- | Item  | Item   | Item   | Item  |
|---|--|--|---|
| Pineapples--Continued.                            | Pituitary extract....2468,<br>3003,27293   | Plants--Continued.   | Plants--Continued.  |
| Cuba.....10825                                    | Place names.....10074  | diseases--continued.   | quarantine and inspec-<br>tion--continued.  |
| culture.....1314,1321,<br>10830,10833,15915       | Placenta.....29360   | India.....12443  | Brazil.....9577   |
| Hawaii.....28745                                  | See also Retained pla-<br>centa.   | Italian East Africa...<br>20761  | Dominican Republic....<br>9576  |
| juice and sirup....5487                           | Plagiogonius.....12662   | maps.....623,5844,<br>10022,20581,26074  | Germany.....10320   |
| Mexico.....18763                                  | Plagiopsis pygmaea...7997  | Minnesota.....20793  | Hawaii.....17698  |
| pests.....3501-2,23359                            | Plague. See Sylvatic<br>plague.  | resistance..3513,26311   | Kenya.....72  |
| trade.....18763                                   | Plan Agrario Nacional,<br>Chile.....9147   | South Dakota.....20760   | Northern Ireland..14793   |
| Pinellas Growers Assoc....<br>21935               | Planchonella.....5942  | Spain.....20575  | Paraguay.....9578   |
| Pink. See Dianthus.                               | Planetree, London<br>diseases.....20786  | transmission...15483,<br>15502,22995   | Rio Grande Valley.....<br>28173   |
| Pink bollworm. See Pec-<br>tinophora gossypiella. | Plankton.....26264   | Union of South Africa.<br>893  | respiration...1080,6268,<br>10529,15692,20981   |
| Pink rot, of potato..20832                        | Planning. See Communities,<br>planning; Policies and<br>programs; Postwar plan-<br>ning; Town and country<br>planning.   | geography....14645,20649   | secretions.....10595  |
| Pinkeye. See Keratitis,<br>infectious.            | Plant bugs. See Miridae;<br>Pentatomidae.  | germination.....21013  | transpiration....15641,<br>26470  |
| Pinnularia.....20739                              | Plant lore...678,701,5882,<br>15332,20655,20667  | growth.....10134,15297   | tropical and subtropical<br>716,5904,6397,6721,<br>10149,15344,21241  |
| Pinole.....4254                                   | Plant residues..11155,11201<br>See also Crop residues.   | heredity...10505,11262,<br>15608,20953   | See also Botany; Color,<br>in plants; Cytology,<br>plant; Dormancy, in<br>plants; Ecology, plant;<br>Economic plants; Flora;<br>Genetics, plant; Hardi-<br>ness, in plants; Her-<br>baria; Hybridization,<br>plant; Insects, as<br>pests; Marine plants;<br>Patents, plant; Phyto-<br>pathology; Poisonous<br>plants; Revegetation;<br>Seedlings; Tissue cul-<br>tures, plant; Tissues,<br>plant; Vegetation;<br>Vitamins, in plants;<br>subheads under Soils;<br>names of diseases and<br>causal organisms; and<br>names and classes of<br>plants. |
| Pinus. See Pine.                                  | Plantago cordata.....5943  | history.....10080  | Plasmodiophora brassicae..<br>15517   |
| Pinus contorta latifolia.<br>See Pine, lodgepole. | Plantago major. See Plan-<br>tain, rippleseed.   | indicator....6175,16314  | See also Clubroot.  |
| Pinus echinata. See Pine,<br>shortleaf.           | Plantain. See Plantago.  | injuries....10537,10608,<br>12627,26534  | Plasmodiophorales....15577  |
| Pinus halepensis. See<br>Pine, Aleppo.            | Plantain, rippleseed..26428  | insect relationships....<br>23510  | Plasmodium.....23345  |
| Pinus insignis. See Pine,<br>Monterey.            | Plantain flour.....13582   | introduction....617,697,<br>7714,10043,10101,<br>11482,11488,11502,<br>15768,20639,21352   | See also Malaria.   |
| Pinus lambertiana. See<br>Pine, sugar.            | Planting equipment...3706,<br>12984,15154,23633,28287  | metabolism.....10556,<br>10601,21003,21026,<br>26515,26517,26519   | Plasmodium gallinaceum....<br>3489,22221,22659  |
| Pinus mugo rostrata..10201                        | maintenance and repair..<br>12983  | names...197,10027,10140,<br>15319,19319,20662,20665  | See also Malaria.   |
| Pinus pinaster. See Pine,<br>cluster.             | See also kinds of equip-<br>ment.  | nutrition....1013,1018,<br>1078,1867,2020,3501,<br>6264,6275,6282,6285,<br>6297,6772,6776,11233,<br>15625,15634,15646,<br>20603,21696,26529,<br>27080  | Plasmodium vivax....18027,<br>18039,28125   |
| Pinus ponderosa. See<br>Pine, ponderosa.          | Plants.....10076   | deficiencies.636,26968   | Plastics...7053,8646,27235  |
| Pinus radiata. See Pine,<br>Monterey.             | allergy-producing...637,<br>11066,16254  | periodicity.....6269   | physical properties.....<br>16649   |
| Pinus resinosa. See<br>Pine, red.                 | anatomy.....10093,10450,<br>10492,10496,10532,<br>15582,20586,20630,<br>26087,26443,26446  | pests.....79,817,3174,<br>3406,12425,15414,<br>17736,20575   | sources.....23806,29038,<br>29041,29044,29046   |
| Pinus rigida. See Pine,<br>pitch.                 | anomalies..953,6186,6197   | U. S. S. R.....15229   | utilization.....21859   |
| Pinus strobus. See Pine,<br>eastern white.        | biochemistry.1028,10505,<br>10626,10637,11156,<br>15288,15685,15713,<br>15720,16303,26490  | photosynthesis.313,1038,<br>1059,6291,10100,<br>10591-2,10594,10599,<br>15288,26504,26522  | See also names of plas-<br>tics and under specific<br>subjects.   |
| Pinus sylvestris. See<br>Pine, Scotch.            | breeding..684,983,986-7,<br>1130,5273,5847,6214,<br>10037,10112,10503-4,<br>10538,15588,15614-15,<br>15617,15886,19819,<br>19845,20259,20666,<br>21901,26311,26448 | physiology....703,1034,<br>1049,5852,6251,6268,<br>6285,6433,10111,<br>10135,10517,10530,<br>10577,11190,15289,<br>15625,15630,15635,<br>15637,15671,15680,<br>15685,19811,20980,<br>21001,21008,26469,<br>26471,26480,26491,<br>26497,26499,26507,<br>26523,26531,26536,<br>26087,26946 | Platanus.....20710  |
| Pinus taeda. See Pine,<br>loblolly.               | Colombia.....20960   | conferences and<br>congresses.....10557  | Platanus acerifolia. See<br>Planetree, London.  |
| Pinus uncinata. See<br>Pinus mugo rostrata.       | U. S. S. R.....26159   | preservation...622,26143   | Plathypena scabra....23459  |
| Pinus washoensis n. sp....<br>5959                | collecting and collec-<br>tions.....622,700,5948,<br>10159,26265   | propagation...1071,1294,<br>6394-5,6397,9582,<br>10586,10810,10818,<br>10878,15682,15690,<br>15897,20982,21223,<br>21225,21231,21233,<br>21264,25676   | Platyschineria n. g..12723  |
| Pinyon nuts.....20095                             | diseases....6235,10013,<br>10302,14640,15415,<br>15431,25216,25490,<br>26071,26529,29433   | quarantine and inspec-<br>tion...71,73,846,7734,<br>7759-60,9575,9627,<br>12434,20000-1,20004,<br>22995,25370,25378  | Platystolus martinezii.3615   |
| Piona.....23117                                   | Argentina...5318,10314   |  | Plays....14408,20086,25825  |
| Piophila casei.....23228                          | Belgium.....26316  |  | Plectonotum.....12691   |
| Piper beetle. See Pepper,<br>betel.               | Brazil..817,15414,20789  |  | Pleiochiton.....20680   |
| Pipes, wood.....16658                             | Cameroun.....26129   |  | Plenodomus destruens<br>on sweetpotato....20823   |
| Pipettes.....7469                                 | control...79,860,9582,<br>10298,15450,26323  |  | Pleocoma.....17946  |
| Piptochaetium.....26217                           | France.....20762,20833   |  | Pleocoma hirticollis<br>vandykei.....17961  |
| Pipunculidae                                      | French Equatorial<br>Africa.....26129  |  | Plesiocoris rugicollis....<br>23396   |
| Africa.....17993                                  | fumigation.....23379   |  |   |
| See also names of gen-<br>era.                    | growth.....26493   |  |   |
| Piropasma bigeminum.23103                         | history.....26321  |  |   |
| See also Babesia                                  | Idaho.....10297  |  |   |
| bigemina.   |  |  |   |
| Piropasmosis                                      |  |  |   |
| in cattle. See Tick                               |  |  |   |
| fever, in cattle.                                 |  |  |   |
| in horses.....17181                               |  |  |   |
| See also Nutallia equi.                           |  |  |   |
| Pisum sativum. See Peas.                          |  |  |   |
| Pitcairnia.....15385                              |  |  |   |
| Pits  |  |  |   |
| barbecue.....18317                                |  |  |   |
| for manure.....3836                               |  |  |   |
| for poultry houses.3835,<br>28381                 |  |  |   |
| Pitting   |  |  |   |
| of soils....183,198,1883                          |  |  |   |



- Item**  
*Plesiofornax*.....3409  
*Pleurophorus*.....12662  
*Pleuropneumonia*  
   in cattle.....22436  
   in goats.....17565  
   in horses.....22567  
*Plocamium*.....15392  
*Plodia interpunctella*....  
   12439,12814  
*Flowing*.....203,1894,6841,  
   6846,11297-8,11300,  
   11303,16417,20427,  
   21828,21836,24670  
   ' electric.....8220  
*Flows*.....530,3705,5342,  
   8219,12982,18251-3,  
   23630,23632,25721  
   electric.....12981  
*Plum*, beach.....5501,15960  
*Plum curculio*. See  
   *Conotrachelus nenuphar*.  
*Plumbing*.....3851,25612  
*Plummerana n. g.*.....23357  
*Plums*.....20662  
   anatomy and physiology..  
     1067  
   diseases.....6095,10344,  
     10387,15484,15522,  
     15535,20340  
   resistance.....6146  
   fertilizers.....20263  
   fruit set.....6427  
   harvesting....1337,20378  
   hybrids.....21307  
   jam.....24256  
   pests..23418,23432,28057  
   pruning.....21303  
   situation and outlook...  
     4286  
   spraying and dusting.820  
   thinning.....21296  
   varieties....10041,15961  
   See also *Prunes*; *Prunus*.  
*Plumule*.....10459  
*Plusia gamma*.....23512  
*Plusiocampa brasiliensis*  
   *n. sp.*.....18184  
*Plusioporus*.....17894  
*Plutella maculipennis*....  
   23452  
   control.....28174  
*Plywood*...7091,7093,16706,  
   20164  
   bibliographies....14843  
   fireproofing.....22158  
   grading and standardi-  
   zation.....2217  
   manufacture.....2212-13,  
     7088,16704  
   physical properties.173,  
     9604,14839  
   situation and outlook...  
     2216,16705  
   utilization...2214,7090,  
     22156-7,27242  
   See also *Adhesives*;  
     *Beams*, laminated; *Ve-*  
     *neers*; *Wood*, laminated.  
*Pneumocephalitis*  
   in poultry....2757,12098  
   See also *Newcastle dis-*  
     *ease*.  
*Pneumonia*  
   in calves.....11857  
   in goats.....17551  
   in horses.....27523  
   in swine.....22886  
   See also *Pleuropneu-*  
     *monia*.  
*Poa ampla*. See *Bluegrass*,  
   *big*.
- Item**  
*Poa monteivansi n. sp.*20703  
*Poa pratensis*. See *Blue-*  
   *grass*, *Kentucky*.  
*Poaceae*  
   India.....20675,20699  
*Pockets disease*  
   of Bessey cherry...20340  
   of plum.....20340  
   of sand cherry....25783  
*Pocock, A. B.*.....19437  
*Podabrella*.....15408  
*Podabrus*.....3407-8  
*Podagrion mantis*.....18093  
*Podgrass, shore*. See  
   *Triglochin maritima*.  
*Podocarpus*.....26430  
*Podospira anserina*...10511  
*Podzol soils*....1795,6823,  
   10053,11134,26926,26957  
*Poikilocytosis*  
   in cattle.....7279  
*Poinsettia pulcherrima*....  
   16062  
*Poison-ivy*.....1104,6691,  
   10635,11075,16245,  
   19893,21637  
*Poison-oak*....10635,19893  
*Poison-sumac*.....19893  
*Poisonhemlock*  
   diseases.....20262  
*Poisoning*. See *Food*,  
   poisoning; *Poisonous*  
   plants; *Toxins*; and  
   names of poisonous sub-  
   stances and animals af-  
   fected.  
*Poisonous insects*. See  
   *Insects*, bites.  
*Poisonous plants*.....5945,  
   11060-1,11069,26865  
   Chile.....16829  
   India.....22435  
   to livestock...283,1690,  
     2329,2485,2501,3061,  
     6681-2,7608,11071,  
     15728,17548,17555,  
     22218,22266,22435,  
     22570,26865  
   California.....22275  
   New Hampshire....20309  
   New Mexico.....14995  
   South-West Africa....  
     11711  
   Union of South Africa.  
     22264-5  
   U. S. S. R.....12016  
   See also *Photosensiti-*  
     *zation*; and names of  
     poisonous plants.  
*Pokeberry*.....1292  
*Polemoniaceae*.....15374  
*Polemonium*.....26244  
*Poles*.....2160,7041,7054,  
   22118,25444,27202  
*Polianthes tuberosa*..20916  
*Policies and programs*.110,  
   499,5737,9042,9313,  
   9598,14185,14248,  
   15120,19312,19345,  
   19375,19381,20485,  
   25281,25428,28454,29168  
   Alabama.....5317  
   Argentina....4849,13276,  
     14168,14179,14358,  
     19371,24709,29123  
   Arkansas.....25973  
   Australia.....5719,5766,  
     9105,19179,24575,  
     29055  
   Tasmania.....14204  
   bibliographies.....9878  
*Policies and programs--*  
   Continued.  
   Bolivia.....14176  
   Brazil.....19304,19331,  
     19377,20506  
   British West Africa.....  
     19557  
   British West Indies.....  
     14186  
   Canada...4805,5727,9150,  
     9260,14182,18444  
     Ontario.....4850  
   Ceylon.....19387  
   Chile..9147,19321,19324,  
     20479  
   China.....19318  
   Colombia.....4814,4841,  
     9155,19315,19362,  
     19388,29069  
   Cuba.....9110,9131,24704  
   Denmark.....19185  
   Ecuador.....4853,9149,  
     29127,29153,29159,29165  
   Eire....9157,19339,24700  
   Europe.....14134  
   Florida.....14102  
   France.....4992,19317  
   Germany...502,508,5729,  
     5751,9139,9144,24744  
   Great Britain...483,491,  
     498,506,3878,4836,  
     9151,9860,9877,9902,  
     14091,14144-5,14156,  
     14189,15125,15135,  
     19292,19363,24736,  
     24739,29128,29137,  
     29146,29148,29167  
   Scotland.....29213  
   Guatemala.....9117  
   Hungary.4840,14188,19301  
   India.....502,4861,9116,  
     9137,9879,9896,19194,  
     24603,24712,24745,  
     25990,29052,29152,  
     29161  
   international.....4844,  
     19358,19389,  
     20488,25015  
   Italian East Africa....  
     14147  
   Italy.....496,9162,9499,  
     14019,14127  
   Jamaica.....29124  
   Korea.....9142  
   Mexico.....4823,9113,  
     14018,29078  
   Missouri.....13236  
   Morocco.....9148  
   Nevada.....20497  
   Ohio.....4848  
   Pacific countries...5736  
   Palestine.....29143  
   Paraguay.....19299  
   Peru.....14022,14261  
   Puerto Rico.....19376  
   Southern States...24735,  
     29155  
   Tropics.....14194  
   Union of South Africa...  
     24818  
   U. S. S. R....4857,4866,  
     9071,19364,20501,  
     24778,24780,29136  
   Uruguay.....18897,19342,  
     19373,24703
- Item**  
*Policies and programs--*  
   Continued.  
   See also *Government*;  
     *Postwar planning*; *Pro-*  
     *duction*, goals; names  
     of *Government agencies*;  
     and *subheads policies*,  
     *programs*, and *purchase*  
     and *sale programs under*  
     specific subjects.  
*Poliomyelitis*...3481,23266  
*Political organization*  
   New Zealand.....5634  
*Political parties*  
   Canada.....9150  
   Germany.....14369  
   Great Britain...14091,  
     14189,19292  
*Politics*. See *Farmers*,  
   political influence.  
*Pollen*...1027,10534,10552,  
   15706,20911,20916,  
   20932,20943,20946,  
   20958  
   anatomy and physiology..  
     982,6236,10546,  
     15697,20993  
   as feed, for bees..3243,  
     12489,23011,27966  
   collecting...3245,3257,  
     3267,3296,7764  
   substitutes...386,3210,  
     3226-7,3237-8,3244,  
     3268,3278,12476,  
     17751,23011,27953  
   surveys...26130,26140-1  
*Pollenia rudis*.....25869  
*Polleniopsis*.....12723  
*Pollination*...1729,17766,  
   21277  
   See also *Apis mellifera*,  
     as *pollinators*; and  
     under *Fruit* and names  
     of plants.  
*Polybia minarum*.....28154  
*Polychrosis botrana*...841,  
   23465,23489,23494  
   control.....28201  
*Polychrosis viteana*...8125  
*Polyethenoid acids*...19040  
*Polygonum bucharicum*.15672  
*Polygonum cuspidatum*. See  
   *Fleeceflower*, *Japanese*.  
*Polyhedral diseases*  
   of insects.....3587  
*Polymers*.....19875  
*Polynuritis*  
   in dogs.....2596  
   in poultry.....27620  
*Polyphagus euglenae*..26272  
*Polyphylla fullo*....23202  
*Polyplodising agents*.  
   See names of agents.  
*Polyplodidy*  
   in insects.....8061  
   in plants...952,957,969,  
     1282,6220,6236,10453,  
     10512,15587-8,15605,  
     15610,15631,15876,  
     20919-20,20923,20929,  
     20955,20961,26419,  
     26421,26437,26459-60  
*Polypodiaceae*.....5988  
*Polyporaceae*.....5995  
*Polyporus cinnabarinus*...  
   10122  
*Polyporus versicolor*  
   on chestnut.....10354  
*Polyptychus*.....12818  
*Polysaccharides*.....15699  
*Polysiphonia*.....15392



- Item**  
*Polyspora lini*  
 on flax.....15468,15530  
*Polystichum angulare*  
 proliferum.....6521  
*Polytoma*.....10567  
*Polytoxus*.....8067,12781  
*Pomace flies. See Drosophila.*  
*Pomegranates*...1316,13555,  
 26690  
*Poncirus trifoliata. See*  
*Trifoliata orange.*  
*Ponds*...640,1801,6875,6885,  
 11314,11324-5,11331,  
 16446,19926,21851,  
 21854,21856,25277,  
 27017,27020,27027  
 construction.....20204-5  
*See also* Fishponds,  
 farm.  
*Ponies*....2619,17195,20558  
*Pools*  
 community.....19910  
 financing.....9054  
 Italy.....9054  
 machinery. *See* Equip-  
 ment, cooperatives.  
 milk.....18599  
 oils and fats.....19001  
*Popophilus*.....8056  
*Popcorn*.....6323,25294  
*Popillia japonica*...3392,  
 3414  
 control..73,3384,3393-4,  
 12645-6,20004,23162,  
 23172,25371,28029  
 parasites and predators  
 of.....7691  
 West Virginia.....7926  
*Poplar*..16595,16600,20904,  
 21477,22050,26822  
 anatomy and physiology..  
 26445  
 culture.....10662-3  
 diseases....10350,26294,  
 26319  
 fertilizers.....16371  
 pulping.....7075  
*Poplar, tana. See Populus*  
*denhardtiorum.*  
*Poppy*....1473,6587,10672,  
 26652  
 diseases.....20828,21015  
 harvesting.....21200  
*Poppy, opium*..10641,15492,  
 21378  
 Italian East Africa.....  
 21663  
*Poppy, oriental*.....6493,  
 10955,21455  
*Population*..5381,5879,9265,  
 9598,9865,14367,  
 19177,29076  
 Antilles.....26013  
 Argentina.....9272  
 Baltic States.....15117  
 British Guiana.....9039  
 Canada  
 bibliographies....5279  
 Ontario, maps.....490  
 Quebec.....9270  
 Colombia.....24607  
 Colorado.....19184  
 decentralization  
 Mexico.....29078  
 Ecuador.....19178,29081  
 Europe.....19548  
 fertility.....24894  
 Florida.....29262  
 France.....24895
- Item**  
*Population--Continued.*  
 Germany.....502,24861  
 Italy.....510  
 Korea.....29060  
 Libya.....14323,19196,  
 19525,24592  
 Mexico.....29250  
 migration....486,14357,  
 15308,19190,19548,  
 20511,29071  
 Argentina..14358,19510  
 Brazil....5017,14364,  
 19204,19504,19517,  
 19547,19549-52,  
 19554-5  
 California.....24893  
 Colombia.....5018,9273  
 Europe.....658  
 France.....9266,14325,  
 14359,14362-3  
 Mauritania.....9267  
 Netherlands.....5021  
 North Dakota...14361,  
 14366  
 Northern Rhodesia....  
 26002  
 Palestine.....29263  
 rural-urban.....9274,  
 26002,29264  
 Argentina.....14356  
 Brazil.....19206  
 Germany.....24898  
 Morocco.....14365  
 Uruguay.....24805  
 urban-rural....14360  
 Uruguay.....24897  
 Venezuela.....14368,  
 25972,25981  
 Minnesota.....5020  
 New Hampshire.....105  
 New Zealand.....19553  
 North Carolina.....5540  
 Orient.....9268  
 Pennsylvania.....137  
 Peru.....24892  
 Portugal.....4702,24589  
 postwar.....9167  
 South Carolina..9735,9893  
 statistics....104,29265  
 Sweden.....29265  
 Union of South Africa...  
 9271  
 U. S. S. R.....9872  
 Venezuela.....29074  
 Virginia.....5019,29459  
*See also* Land, settle-  
 ment and colonization;  
 Social groups; and  
 under Census.  
*Populus. See* Aspen;  
*Poplar.*  
*Populus denhardtiorum*..766  
*Porcellio*.....7904  
*Porizon*.....12787  
*Pork*.....4140,8835,13766  
 analysis and composi-  
 tion....4473,5257,14730  
 Colombia.....13815  
 curing..13827,20119,25613  
 nutritive value...14730  
 postwar.....13753  
 preservation...399,28918  
 prices.....13815  
 regulation and inspec-  
 tion.....535,5487,9651  
 situation and outlook...  
 4430  
 statistics....9624,14872  
 storage.....4519,14960  
 vitamins.....9428
- Item**  
*Porphyryn*  
 in cattle.....17011  
*Porrothels*.....12599  
 Porter, Carlos E....25194  
*Porthetria dispar*...12821,  
 12851,18119,25370  
 control.....20001  
 Post-hole diggers....5698,  
 8209,9823,20409,25827  
 Posts. *See* Fence posts.  
 Postwar planning....5743,  
 14205,24753,24996,  
 25397,25995  
 Australia.....25974  
 bibliographies..518,5754,  
 9907,25465,25992  
 Chile.....19397  
 Connecticut.....9870  
 Great Britain....5753,  
 5755,24880,25971  
 Idaho.....236  
 India.....9168,19395,  
 24749,29075  
 Missouri.....14200  
 New York (State)...14999  
 Rhode Island.....25777  
 South Carolina....5552  
 Switzerland.....19401  
*See also* Agriculture,  
 postwar; Food and Agr.  
 Organ. of the United  
 Nations; Industry, re-  
 conversion; Public  
 works; Reconstruction;  
 Relief and rehabili-  
 tation; United Nations  
 Conf. on Food and Agr.;  
 and subhead postwar  
 under specific sub-  
 jects.  
*Potash*.....29  
 effect on  
 plants.....827,11189,  
 11260,21611,21726,  
 26968  
 soils.....6836  
 fertilizers..6923,6932-3,  
 21721,21967,21969,  
 25711  
 fixation.....21704  
 in plants.....6776  
 in soils.....11136,21698,  
 21726,25718,26905  
 situation and outlook...  
 21951  
 sources.....21943  
*Potassium*.....25085  
 effect on plants...1831,  
 6228-9,6250,6259,  
 6272-3,6768,10603,  
 10605,11405  
 fertilizers..6745,10054,  
 11278,11405  
 in plants....1091,15644  
 in soils..6751,6761,6775,  
 11158,11165,11167,  
 11184,11405,16301,  
 26900  
*Potassium carbonate*..24236  
*Potassium chloride*...6268  
*Potassium feldspar*....1880  
*Potassium nitrate*....7805  
 fertilizers.....21955  
*Potassium permanganate*....  
 10604  
*Potato aphid. See*  
*Macrosiphum solanifolii.*  
*Potato chips*...25283,28435  
*Potato flea beetle. See*  
*Epitrix cucumeris.*
- Item**  
*Potato leafhopper. See*  
*Empoasca abrupta; Empoas-*  
*ca fabae.*  
*Potato psyllid. See*  
*Paratrioza cockerelli.*  
*Potato tuber worm. See*  
*Gnorimoschema opercu-*  
*lella.*  
*Potatoes*.....9,5370  
 Algeria.....16219,21587  
 analysis and composi-  
 tion..13183,24243,28772  
 anatomy and physiology..  
 952,1047,1074,6286,  
 10472,10536,10556,  
 10571,15621,15654,  
 15660,15677,15679,  
 20943,20958,20989,  
 26484-5,26509,26514,  
 26520,29959  
 Argentina... 8691,16173,  
 19815,26827,26863  
 as feed.....2423,27286  
 for cattle.....7225,  
 16935,22368  
 for ducks.....17302  
 for swine.....12322  
 Australia.....18762  
 biochemistry.....10524,  
 10616,10623,  
 15719,26994  
 breeding....1583,11046,  
 15524,16193,26852  
 California.....13563  
 Canada...4318,4326,8774,  
 13596,18761,19487  
 canned.....8754,14557  
 canning.....8766  
 China.....28725  
 cookery.....9461,20183  
 costs and returns..19487-  
 8,19541,25904,  
 25906,25908-9  
 culture..1582,1586,1599,  
 1609,1633,1640,1668,  
 5527,6606,6640,6656,  
 6672,6675,11016,  
 11023,11028,15281,  
 16192,16205,16216,  
 16228,19815,21558-9,  
 21592,21720,21818,  
 23637,26068,26944,  
 27001  
 equipment.....18241  
 defoliation.....26514  
 diseases....837,876,880,  
 884,892,910,917-18,  
 922-3,5562,6114,9744,  
 9751,10343,10376-7,  
 10388,10390,10524,  
 15479,15483,15493,  
 15497,15518,15537,  
 15542-4,15548,18051,  
 20764,20807,20812,  
 20832,20834,20848,  
 20989,25809,25892,  
 26067,26338,26374,  
 26385,26475  
 Alabama.....6130  
 Arizona.....15434  
 Canada.....10302  
 control...855,908,914,  
 6047,6106,6116,6121,  
 6148,6168,10294,  
 10296,10336,10367,  
 15504,15556,19894,  
 26317,26333,26363  
 Eire.....932  
 France.....26314



- | <u>Item</u>              | <u>Item</u>                | <u>Item</u>               | <u>Item</u>              |
|--------------------------|----------------------------|---------------------------|--------------------------|
| Potatoes--Continued.     | Potatoes--Continued.       | Poultry.....549,556,2932, | Poultry--Continued.      |
| diseases--continued.     | prices--continued.         | 5370,8178,12165,15223,    | breeds and breeding--    |
| Germany.....20799-800,   | control.....18773          | 17358,19874,19878,        | continued.               |
| 20867                    | processing...24242,24245   | 22766,26035,27719         | Orpington.....12046,     |
| Kansas.....15500         | programs.....13661,28749   | accounting.....4940       | 17221,17255              |
| Maine.....248            | purchase and sale pro-     | age.....12173,22624       | Plymouth Rock            |
| Mexico.....6065          | grams.....19980            | anatomy and physiology..  | Barred....2684,2709,     |
| Michigan.....15532       | quality.....8734           | 2781,2795,7488,17341,     | 7434,12068-71            |
| Missouri.....15469       | rationing.....28728        | 20125,27607               | Partridge.....7426       |
| Nebraska.....14990       | regulation and inspec-     | anomalies....2774,12094,  | Polish.....7431,12073,   |
| New York (State).5637,   | tion.....5487,9651         | 17316,17326,              | 22626                    |
| 15087                    | research.....8690          | 22671,22681               | Gold Laced.....2712      |
| resistance...964,1605,   | Rhode Island.24145,25776   | area of production...544  | White.....17261          |
| 6127,10359,15524         | seed.917,1593,1609,1624,   | Argentina.....28986       | Rhode Island Red.....    |
| Washington (State).465   | 1666,4253,4330,11039,      | Arkansas.....22757        | 7436-7                   |
| Wisconsin..15109,15536   | 11045,13609,16175,         | associations.....4588     | Sebright.....27541-2     |
| distribution.....28728   | 18791,18793,21553,         | Australia.....7522,7526,  | Sumatra.....7417         |
| dried.....19750,24207    | 21556-7,21577,21586,       | 17390,22724,27592         | Sussex, Brown...12054    |
| as feed                  | 21602,24152,28732          | bantam class..2676,2680,  | Wyandotte...7433,12052   |
| for swine.....22871      | certified...8735,9289,     | 2690-3,2708,2712,         | Golden Laced...2720,     |
| cooking.....25101        | 19127,28771                | 2719,3821,7409,7420-      | 12065                    |
| drying..4367,4381,13625, | diseases.....26318         | 1,7430-1,7433,7437-8,     | Partridge.....27539      |
| 13661,16223,18847,       | Germany.....24166          | 12052,12054-5,12058,      | White.....17213          |
| 24224,24266,28808        | Portugal.....28782         | 12068,12073,12135,        | broodiness..12121,12147, |
| fertilizers.....256,     | storage...18848,24225,     | 15211,17213,17230-1,      | 12168,17366,22758        |
| 1822,1862,6745,11189,    | 28740,28782                | 17240,17254,17261,        | California.....13911     |
| 11237,11397,16350,       | treatment.....10293,       | 17354,17374,17398,        | Canada.....2848,2939,    |
| 16354,21818,21949,       | 10343,20436                | 17449,22595,22601,        | 4569-70,4574,4592,       |
| 25686,26959,26994        | situation and outlook...   | 22606-7,22625,27534,      | 4595,4613-14,7502,       |
| flour.....4342           | 4287,4294,18770,19913,     | 27539,27541-2,27545,      | 8921,8950,9967,19092,    |
| France.....11030,13604,  | 25257,25259,25654          | 27548-9,27561,27567-      | 19105,27650-1,           |
| 13639,16177,16189,       | soils.....21720            | 8,27572,27677             | 28966-7,28984            |
| 16195,16207,26828,       | Spain.....28439,28728      | black markets.....19099   | canned.....25298         |
| 26838                    | spraying and dusting....   | boning.....13897          | regulation and inspec-   |
| fumigation.....13640     | 415,842,847,849,855,       | Brazil.....4602,19097     | tion.....4493,9644       |
| Germany.....10021,18791, | 5637,6066,6089,12448,      | breeds and breeding.229,  | canning.....8938,28981   |
| 18802,21604,24154,       | 20304,22990,25809          | 2681,2683,2686-7,         | capons.....2885,5605,    |
| 24175-6                  | equipment.....3695         | 2694,2700,2704-5,         | 7496,17377,17448,        |
| germination.....26462    | starch.13585,13659,20274   | 2711,2714,2819,7411-      | 22713,27637,28984        |
| grading and standardi-   | statistics.....25562       | 12,7414-15,7419,7422,     | care..365,371,2845,2847, |
| zation..4334,8731,28773  | storage.....8338,8749,     | 7428-9,7440-2,12040,      | 2849,2853,2860,2866,     |
| Great Britain.4251,9169, | 13118,13639-41,13657-      | 12042,12044-5,12047,      | 2868,2872,2878,2880,     |
| 18786,18793,19488,       | 8,18842,18849,20335,       | 12049-51,12057,17214,     | 2919,2928,2933,7456,     |
| 24152,24155,28749        | 23764,24243,28804          | 17217-19,17223,17227,     | 7512,7514,7516,7537,     |
| harvesting..13022,13547, | diseases and pests....     | 17234,17243,17246-8,      | 7546,7561,7571,7576,     |
| 13606,15198,16223,       | 6031,8772,                 | 17413,17416,20418,        | 7582,9775,9967,12108,    |
| 21584,21610,21613,       | 10386,12834                | 22341,22594,22596-7,      | 12131,12136,12140,       |
| 23661,23667,26333,       | subsidies.....9169         | 22599,22603,22605,        | 12166,12188,12194,       |
| 26836                    | Sweden...1638,4330,15285   | 22608-10,22613-16,        | 12199,12202,17363,       |
| equipment.13007,13022,   | Switzerland..8598,8742,    | 22622-4,22627,22682,      | 17375,17386,17399,       |
| 23661,23667              | 21574,21586                | 27535,27538,27544-5,      | 17413,17426,17428,       |
| heredity.....952,20939   | transportation...13547,    | 27547,27556-7,27559,      | 17431,17434,17438,       |
| history..4261,9944,13552 | 15198                      | 27562,27564,27566-7,      | 20467,22692,22697,       |
| Hungary.....13941        | Union of South Africa...   | 27571                     | 22704,22716,22722,       |
| Idaho.....25686          | 6653,8772,28773            | Andalusian.....27543      | 22725-8,22741,22744-     |
| India.....11035,18773    | U. S. S. R.10068,16186,    | Araucana.....2713         | 5,22753,22756,22774,     |
| injuries.....821,15621,  | 24670,26831,28740          | Brahma, Light....7424     | 27639,27644,27657,       |
| 15654,15679              | utilization.13585,18422,   | Cochin.....7413,15211     | 27661,27671,27678,       |
| Ireland.....9944         | 18798,18802,28756          | Dominique.....2715        | 27681,27688,27720,       |
| irrigation..1903-4,25686 | varieties.....923,1605,    | Dorking.....17259         | 27723                    |
| Maine.....24168          | 1621,5361,11011,           | Silver-Gray...12064,      | seasonal....2826,2869,   |
| marketing.....270,4318,  | 16179,21561,21575,         | 17260                     | 7505,7519,7525,          |
| 4320-1,4326,5459,        | 23143,26462                | Frizzle.....12074         | 12123,12126,12160,       |
| 8720,13598,18762,        | vitamins.....9461          | Game.....17232-3          | 12162,12167,12171,       |
| 24185,25254              | waste.....5595             | Ixworth, White...22595    | 12174,12190-1,12200,     |
| Michigan.....24157       | yields.....222,363,1607,   | Japanese.....27567        | 17295,17352,17369,       |
| packing.....4337         | 6616,21570,25776,26835     | Leghorn....2693,12067,    | 17373,17382,17391,       |
| Peru...11021,16181,26852 | See also Silage, potato.   | 22600,27549               | 17402,17404,17416,       |
| pests....3159,3559,5637, | Potentilla.....5949        | Brown....2690,17249,      | 17419,17430,22687,       |
| 9658,12414,12436,        | Potentilla fruticosa..1469 | 27548,27560               | 22700,22706,22737,       |
| 12623,14790,17690,       | Potentiometers.....705     | Red.....2703              | 22743,27535,27649,       |
| 17956,18051,18101,       | Pothos scandens v.         | White....9698,17256,      | 27656,27680,27687,       |
| 18135,23143,23173,       | helferianus.....15358      | 22619,22770               | 27707                    |
| 23365,23451,25809,       | Potlatch Forests, Inc....  | Mille Fleur.2708,12058    | China.....19101          |
| 26054,27870,28024,       | 11487,16639                | Minorca.....2691-2        | Colombia.....2892,2898   |
| 28053,28202              | Potted plants. See House   | Black.....2721            | conferences and con-     |
| planting.....222         | plants.                    | New Hampshire...12056,    | gresses.....9967,14820   |
| equipment 23637          | Pottia truncata.....791    | 22602                     | Connecticut.....13892    |
| postwar.....13557        | Pottiaceae.....10270       | North Holland Blue....    | cooperatives..4607,4609, |
| prices.....270,8740,     |                            | 12061                     | 24480                    |
| 8742-3,13616,19966       |                            |                           |                          |



<u>Item</u>	<u>Item</u>	<u>Item</u>	<u>Item</u>
Poultry--Continued.	Poultry--Continued.	Poultry--Continued.	Poultry--Continued.
costs and returns...4961, 9224,19497,19500,25898	equipment--continued. 8331,13096,13103, 13105-6,15066,15068, 17380,18332-3,18335, 18337-40,18349,18360, 18362-3,20442,23724, 23731,23739,23747, 23750,28382,28390	hatching.....2829,2840, 2859,2920,2925,2933, 7507,7510,7533,9652, 12157,12185,17383, 17424,17443,22722, 22760,27658,27715 seasonal.....17406	meat.....4599,4610 Great Britain.....8945 prices.....8945 situation and outlook. 168
culling...2831,2850,2890, 5616,5693,7517,7555, 7562,7585-6,9790, 12124,12144,12169, 12176-7,12183,12196, 17356,17374,17388, 17397,17401,17420, 17439,17442,17445, 22690,22698,22701, 22707-8,22711,22715, 22730,22738,22772, 25860,27653,27655, 27668-9,27679,27684, 27711,27722,28390	farms and ranches...493, 2836,2871,2896,2930- 1,5744,7527,7539, 7547,7589,9175,9235, 12061,12197,14255, 17360,17389,17400, 17444,19102,22702, 22705,22714,22770, 22778,27570,27693, 27709	heredity.....2695,2713, 12072,22674	meat production....229, 2828,2870,2882,2895, 2938,5605,7422,7439, 7574,9712,12056, 12129,12135,12142, 12145,12182,17368, 17371,19096,20460, 22631,22664,22702, 22736,22769,24456, 24463,24474,25339, 25671,27573,27603, 27637,27682
demonstrations.....27722	diversified.....2886, 7509,12181	home raising...2858,7518	effect of breeding.... 7422,7439,12056, 17227,22620
Denmark.....19089	feathering...2879,12072, 17427,25339	housing.....3800-1,3804, 3807-8,3814,3817, 3821,3827,5563-4, 5593,8302,8304,8309- 11,8326,8329-30, 9967,13080-1, 13083-4,13086-7, 13090-1,13093-5, 13098,13102,13108, 15067,18331,18336, 18341,18345,18350, 18353,18356-8,18366, 22603,23717,23719, 23728,23730,23736, 23749,23752,25807, 28363,28365,28367, 28369,28372,28374-6, 28385,28389,28392	Missouri.....17413 molting.....460,7536, 17217,17285,17378-9, 17387,17425,22727, 22732,22742,22764, 27587,27670,27691
directories.....565,17421	feeding and nutrition... 2725,2729,2732,2737, 2741-2,2744,2746, 2749-51,2755,3048, 4142,5708,7450,7456, 7464,7579,8594,9698, 9967,12080,12084, 12086,12091,17263, 17265,17268,17274, 17277,17285-7,17294, 17296-7,17300,19081, 20242,20467,22628, 22631,22646,22651, 27574,27578,27581-2, 27587-8,27591-2, 27597,27599,27604	designs and speci- fications.....3811, 8319,9706,20245	mortality.....2695,2823, 22696
diseases.....562,2797, 5579,7490,7500,7502, 9956,12109,15070, 17327,17349,19976, 20544,23098,25344, 27606,27613,27616, 27639,27678	deficiencies.....2753, 27579,27622	lighting...18380,27686	nesting materials...3809- 10,8320,8327
bibliographies...17306	pasture and range.370, 2724,2730,2745, 7453,12085,14288, 15857,17275, 17282,17295,17498, 21138,22629,22702, 25670,27602,27712	portable.....3811	nests.....28368,28378
Canada.....7503	seasonal...7463,22643	prefabricated....3824	New England.....12178
Ethiopia.....17348	use of substitutes... 2731,7461, 12077,27595	space requirements... 25671	Newfoundland.....4618
Georgia.....9767	fertility.....2701	ventilation....13085, 13088,18354-5, 23740,28384,28409	North Carolina.....24482
Italy.....17333,17340, 17347,27640	France.....8932	Hungary.....13909,19089	Norway.....19089
Massachusetts...20295	freezing.....8929	hybrids.2688,7425,22734, 27569	Palestine....2734,2837, 2937,7510,7583,27566
New Hampshire...20311	frozen.....24483	identification....2864, 12183	parasites.....562,2775, 3157,12101,12421, 15070,17332,17729, 23557,23570,25944
resistance.....7475	Game class...2737,12089, 17232-3,27570, 27582,27688	India..20555,22608,24471	Georgia.....9767
transmission....17337	Georgia.....24456,24482	industry..551,2861,2943, 4583,4593,4619,7532, 8948,12158,13886, 13892,14240,19077, 19093,24479,28989, 28992	resistance.....12075
dressed.....19103,24482	glossaries.....27701	as an occupation..... 14397,15002, 19418,25931	perches.....22694
packaging.....13900	grading and standardi- zation.....4562,9620	directories.....9955, 22739,22776,27651	Peru.....25237
preservation....24464	Great Britain.2716,2732, 2833,2843,2898,2929, 4581,7411,7436,7533, 7553,8920,8933,8935, 12192,13880,13896, 17415,22687,22718, 22720,24453,24862, 27646,27647,28960	management.14233,29180	predators.....20435
dressng.....4604,4609, 20440,28976	growth..2747,17423,27716	study and teaching.... 5099,24952	poisoning.....7468,7477, 7492,7494
dubbing.....12095,17353, 27611,27629	Guernsey.....8934	injuries	Poland.....19083
egg production.251,2915, 2921,2934,2944,4580, 7528,7542,7559,7566, 7569,7586,12127, 12154,17256,17304, 17357,17364-5,17422, 17441,22609,22688, 22731,22751,22763, 22767-8,27698-9, 27705,27709	hatcheries...2783,2867, 2903,2923,4578,4582, 4587,7568,8315,8333, 8361,8936,9967,13911, 22724,24468,25317, 27642,27651,27680, 27704,28980	Italy.....17365	Portugal.....4575
effect of		Japan.....22686	postwar.....5576,8930
breeding.2706,12090, 17224,17228,17241, 22618-19,27536, 27558,27569, 27750,27752-3		judging..2830,7523,7538, 7565,12049,17231, 22773,27643,27706	prices.....13905 control.....13918
feeding....316,2727, 2747-8,2752, 17266,17269,17273, 17280,17288,22629, 22637,27577,27585, 27594,27598,27605		Kansas.....22739	products.....9967,26036
light...17433,22759, 27675,27686		labor...9085,14070,24673	Canada.....8942
laying contests...357, 2682,7526,12180, 17413,22685,22689, 22712,22734,27645, 27718,27721		legislation.....2843	market reports...25523
seasonal....2904,3827, 7530,12130,12133, 12149,12161,12172, 17361,17379,17411, 17446,27665		litter.....2941,12128, 12139,12143,12148, 12164,17407,17409, 22694	marketing.....8925,8942
equipment.369,3803,5467, 5564,8303,8305,8313, (See next column)		market reports...25519, 25521-3,25530,25551, 25553,25577,25599	processing.....14931
		marketing.....166,4562, 4571,4591,8924,13888, 14820,19075,19092, 24453,24459,24471,28964	purchase and sale programs.....25357
			statistics.....5452
			transportation...538
			programs...22710,25497, 25798,27672,27680, 28966,28977
			psychology.....17412, 22721,22765
			purchasing.....17367
			quality.....4600,13880, 28979
			records and testing.... 2852,2907,2916,7408, 7506,7563,9710,9713, 12193,22690,22709, 22735,22748,27552, 27556-7,27650, 27699,27714
			regulation and inspec- tion....168,5487,7583, 9649,9651,22718,27695



- Poultry--Continued.**  
 research....12206,25255,  
                   25343  
 sanitation....2876,5579,  
                   9711,12138,17381,  
                   17435,22740,22755,  
                   27659-60,27664,  
                   27673,27716  
 sexing.....2889,9691,  
                   12163,17410,27708  
 autosexing..2684,2686,  
                   2716,22623,22695  
 shows and sales....2891,  
                   7430,7520,12057,  
                   12141,12152,12203-4,  
                   17354,17372,17398,  
                   17449,22594,22607,  
                   22777,22767  
 situation and outlook...  
                   367,4563,4584-5,  
                   4596,4615,5580,8387,  
                   9114,13887,13889,  
                   19085,19088,19098,  
                   20133,20138,20531,  
                   24466,24475,24477-8,  
                   25324,28962,28974-5,  
                   28978,28985,28990  
 slaughtering.....7564  
 Southern Rhodesia..12080  
 Spain.....12132,22599,  
                   24480,26036,27543  
 statistics...13903,14766,  
                   25559,28512  
 surgery.....12095  
 Sweden.....22771  
 systems..2910,7581,17371  
   battery.....2841,2851,  
                   2906,2926,7529,7579,  
                   8326,12167,13087,  
                   17357,17359,17380,  
                   17429,22747,22763,  
                   27648  
   colony and range,2846,  
                   2897,2912,2942,7550,  
                   7588,12122,12151,  
                   12175,12186,17432,  
                   17434,27697,27712  
   confinement.....7522,  
                   7529,12198,22752,  
                   27702-3  
 Texas.....27713  
 Union of South Africa...  
                   2936,5812,7584,  
                   13905,17400,17444,  
                   19102,22712  
 U. S. S. R.....27606  
 Uruguay.....22681,22600  
 vices....2884,7446,7558,  
                   17447,20243,22693,  
                   25811,27670,27700  
 Virginia.....24481  
 waste  
   as feed....17631,22639  
 watering.....8318,12112,  
                   18363  
 weight and measurement..  
                   17422  
 West Virginia.....22776  
 Yugoslavia.....19094
- Poultry--Continued.**  
 See also Artificial in-  
   semination, poultry;  
   Brooders; Castration,  
   poultry; Chicks; Cocks;  
   Eggs; Feed; 4-H Clubs,  
   poultry; Future Farmers  
   of Amer., poultry; Pig-  
   mentation; Pits, for  
   poultry houses; Sex,  
   poultry; Temperature,  
   effect on poultry; Vit-  
   amins, in poultry nu-  
   trition; and names of  
   feeds and of anatomical  
   parts, diseases, para-  
   sites, and products.  
 Poultry and Egg Natl.  
   Bd..4564,4588,13898,19098  
 Poultry Assoc. of Gt.  
   Brit.....2751  
 Poultry Indus. Com.,  
   Ontario.....8921  
 Poultry Prod. of Cent.  
   Calif.....4940,24469  
 Poultz  
   anatomy and physiology..  
                   7451  
   care....2881,7543,12150,  
                   12159,12170,17270  
   disease.....2813  
   feeding and nutrition...  
                   7455,22634,22645  
 Powder post beetles  
   control.....7706  
   See also names of fami-  
   lies and genera.  
 Powders (insecticides).  
   See Dusts and dusting.  
 Powdery mildew.....893  
   of cucumber.....15510  
   of cucurbits.....10380  
   of grape....841,875,877,  
                   881,6096,10340,  
                   10361-2,20806,20813,  
                   20827,20837,20840,  
                   20852,26339,26349  
   of grasses. See Ery-  
   siphe graminis.  
   of potato.....15504  
   of wheat.....20820  
   See also Erysiphaceae.  
 Powdery scab  
   of potato.....15479  
 Power....3772,3784,13035,  
                   23683,23697  
   See also Electricity;  
   Equipment, power;  
   Water power; Wind power.  
 Pox. See Cow pox; Fowl  
   pox; Swine pox.  
 Prairie dogs.....9486  
 Prawns.....24553  
 Prays citri.....3597  
 Precipitation...2231,16420  
   effects.....9508  
   on insects.....3544  
   on livestock....27410  
   on plants...23055,25795  
   on soils....6907,16516  
 Massachusetts.....11357  
 Near East.....8024  
 Venezuela.....26119  
   See also Raindrop ero-  
   sion; Snow; Water, rain  
 Predaea ollivieri n. sp...  
                   10273
- Predators. See Wildlife,**  
 as pests and predators;  
 and names of predators.  
 Prefabrication. See sub-  
   head prefabricated under  
   Buildings, Farmhouses,  
   Poultry, housing, and  
   Silos.  
 Pregnancy. See under  
   names of animals.  
 Pregnancy disease  
   of cattle.....17027  
   of sheep....7637,12265,  
                   22834  
 Pregnant mares' serum.  
   See Gonadotropins.  
 Prenatal care. See Health,  
   prenatal.  
 Prenolepis imparis...23448  
 Prepona praeneste....8093  
 Prepuce.....7297  
 Preservation of food..448,  
                   546  
   effect on nutritive  
   value.....317  
   equipment.....207  
   home...5656,14805,14810,  
                   15056,23878,25961  
   India.....23875  
   See also Canning and  
   preserving; Dehydra-  
   tion; 4-H Clubs, food  
   preservation; Freezing  
   of food; Pickles; and  
   subheads under names  
   of foods and preserva-  
   tive agents.  
 Preserves.....9533  
   See also Canning and  
   preserving; Fruit,  
   canned; Jellies and  
   jams; and subhead  
   canned under names of  
   fruits.  
 Presses.....18256  
 Pressing.....15049  
 Pressure canners....13034  
 Pressure-cooker gauge  
   testers.....20417  
 Pressure cookers....5334,  
                   5679,9849,15086  
 Prices.....115,3923,9114,  
                   9771,15118,18471,  
                   20191,20196,23852,  
                   24571,24598,24638,  
                   25296  
   Australia.....24575  
   Brazil.....18467,19377  
   Canada.....13240,29096  
   Chile.....18464  
   China.....29501  
   Colombia.....24762  
   control...3914-16,5732,  
                   8429,8432,8434,8437,  
                   9553,9945,9952,  
                   13238,13243,13325,  
                   15172,18469,20485,  
                   20515,23857,24598,  
                   25822,26015,26020,  
                   28479,28482,28488  
   Australia..18465,24575  
   Belivia.....5789  
   Brazil.....28487  
   Canada....13239,14399,  
                   15170  
   Chile.....5790  
   China.....4742
- Prices--Continued.**  
 control--continued.  
   Colombia.....5791  
   Ecuador.....5792  
   France.....13233  
   Great Britain....3921  
   Hungary.....3920  
   India.....8369,8428,  
                   8433,28485  
   legislation.5784,26029  
   Middle East.....14209  
   Nicaragua.....26018  
   Paraguay.....15206  
   Peru.....5793  
   Uruguay.....5794  
   Venezuela.....5762  
   Costa Rica.....23846  
   Cuba.....23847,23854  
   Denmark.....18466,23848  
   Georgia.....14967  
   Great Britain..9050,9166  
   guaranteed...3913,13236  
   Guernsey.....13232  
   Hawaii.....5569  
   Hungary.....3917,3962  
   indexes.....8430,9557  
   India...9066,9049,13234  
   Maine.....14983  
   Mexico.....3927,8431  
   Minnesota....3925,14865,  
                   23858  
   Mississippi.....24701  
   New Jersey.....18470  
   New Zealand.....23855  
   North Dakota..13235,18468  
   parity..9945,23962,25822  
   policies, Union of  
   South Africa....28483  
   Portugal.....23906  
   postwar..3919,8435,28480  
   situation and outlook...  
                   18462,23853,25306  
   spreads.....13230,26021  
   statistics..18467,23846,  
                   23906,25242,29238  
   support...486,533,3915,  
                   3922,3926,5785,8743,  
                   9881,18461,19962,  
                   23851,25416,25660  
                   28911-12  
   Sweden.....18463  
   Tennessee.....302  
   Turkey.....4718  
   Union of South Africa...  
                   3918,8436  
   See also Cost and stand-  
   ard of living; Infla-  
   tion; Subsidies; and  
   under names of com-  
   modities.  
 Pricklypear....1228,8714,  
                   8769,11114  
   as feed.....16769  
 Pridham, J. T..19849,25199  
 Primrose....688,1090,1405,  
                   6510,15331,15346,  
                   16079,16133,26788  
   culture.....1501  
   See also Primula.  
 Primrose, Japanese...1456,  
                   21524  
 Primrose, orange....16078  
 Primula...774,20718,26232-6  
   See also Primrose.  
 Primula aurantiaca. See  
   Primrose, orange.  
 Primula auricula....10887,  
                   10979



- Item**
- Primula japonica*. See  
*Primrose*, Japanese.  
*Primula sinensis*....10980  
*Priocnemis*.....18095  
 Prisoners of war  
   labor....150,4794,4799,  
     4801,24665  
   nutrition.....9378,9386  
*Pristocentrophilus*....28222  
*Pristophora abietina*.12790  
 Prizes. See Awards.  
*Proboscidiella*.....23555  
 Processing.....3934,9507  
   See also names of  
     processes; under names  
     of products; and sub-  
     head utilization, in-  
     dustrial under Agri-  
     cultural products.  
*Procrustes coriaceus*.23164  
*Proctotrupidae*  
   Sweden.....23428  
   See also names of gen-  
   era.  
*Prodenia eridania*...12867,  
   23516  
*Prodenia litura*.....8089  
 Produce exchanges. See  
   Markets and marketing,  
   exchanges.  
 Producers Livestock Coop.  
   Assoc.....28901  
 Production  
   goals..284,327,353,5370,  
     5494,5776,14743,  
     19300,19341,20184,  
     24691,24696  
   Australia.....19297  
   Germany.....24742  
   Illinois.....25690  
   Minnesota.....9136  
   New Zealand.....4808  
   U. S. S. R.....24815  
   Washington (State)....  
     15026  
   See also Agricultural  
   products; Home-use pro-  
   duction; Policies and  
   programs; Statistics;  
   names of related sub-  
   jects; and under names  
   of products.  
 Productive capacity. See  
   Agriculture, productive  
   capacity; Land, produc-  
   tive capacity.  
*Produttori Sementi*,  
   Bologna.....10721  
*Progomphus*.....12900  
 Prolapse, intestinal  
   in sheep.....12259  
 Prolapse, uterine....16819  
 Prontosil.....7376,7393  
 Prontosil soluble....12119  
 Propagation, plant. See  
   under Plants and names  
   of plants.  
 Propionates.....8773  
 Propionic acid.....28645  
 Propsephus.....7932  
 Prosalpia.....23287  
 Proso.....6273,6778,10681  
 Prosantes n. g.....12571  
 Prosopis.....12785  
   See also Mesquite.  
 Prostatitis, in dogs..7334  
 Protamone.....11846,17304  
 Protease.....24101  
 Proteins....14602-3,19795,  
   25158,29423
- Item**
- Proteins--Continued.  
   analysis.....24414  
   chemistry.....1099,4558  
   extraction.....14003  
   in animal nutrition....  
     2266,2422,3059,7129,  
     7333,11670,12318,  
     14993-4,17623,20313,  
     22213,27825,29414  
   in blood plasma....2324  
   in feed..290,16743,27279  
   in food.....9468,25110  
   in human nutrition,5232,  
     5242,5244,5248,9414,  
     9416-17,9463,9474,  
     14558,19791,25117,  
     25164,26060,29377  
   in milk.....9438,14510,  
     25111  
   in plants.....915,1099,  
     6250,6272-3,7128,  
     10515,15731  
   in poultry nutrition....  
     2726,2728,7443-4,  
     12075,12078,12096,  
     17288,22635  
   in yeasts.....25103  
   iodinated....16933,16942  
   nutritive value...14562,  
     14567,14583,22203,  
     25099,25156  
   plastics.....29044  
   situation and outlook...  
     15236  
   sources.....234,12078  
     animal.....2255,3047,  
     11655,19767  
     plant.....13840,13877,  
     14003,14590  
   vegetable.....25099  
   See also names of pro-  
   teins.  
*Prothoma*.....23357  
*Protoparce*.....3598  
*Protoparce sexta*....19909  
*Protoplasm*.....961  
*Protostigmus*.....8082  
*Protostrongylus gracilis*  
   n. sp., in goats and  
   sheep.....22828  
*Protowoodia* n. g....20722  
*Protozoa*.....552,564,7162,  
   8519,12901  
*Protura*, Corsica.....8146  
*Prunes*.....19911  
   dried.....20076  
   prices.....24202  
   regulation and inspec-  
   tion.....5487  
   See also Plums.  
 Pruning  
   equipment.....3690  
   See also under names of  
   plants.  
*Prunus*  
   diseases.....10370  
   See also Cherries;  
   Peaches; Plums.  
*Prunus besseyi*. See  
   Cherry, Bessey.  
*Prunus capollin*. See  
   *Prunus serotina salici-*  
   *folia*.  
*Prunus cerasifera pis-*  
*sardi*.....16048  
*Prunus chamaecerasus*  
   pendula.....20938  
*Prunus kansuensis*. See  
   Peach, Kansu.  
*Prunus lusitanica*....10170
- Item**
- Prunus maritima*. See  
   Plum, beach.  
*Prunus serotina salici-*  
*folia*.....26182  
*Prunus spinosa*.....10222  
*Psallidoxena* n. g.....8015  
*Psalliotia campestris*.11017  
*Psallus ancorifer*....12778  
*Psallus seriatus*....28137  
*Psammoma*, in horses...2645  
*Pscoptera*, France....5817  
*Pselaphellus*.....17955  
*Psclaphidae*.....7701,17955  
   Guiana.....7959  
   See also names of gen-  
   era.  
*Psen atratus*.....12795  
*Pseudacteon formicarum*...  
   23238  
*Pseudanophthalmus*....17964  
*Pseudaulacaspis pentagona*.  
   8060  
*Pseudione hyndmani*....7888  
*Pseudococcinae*..7730,23382  
*Pseudococcus brevipes*....  
   3501-2,23359  
*Pseudococcus comstocki*....  
   28140  
*Pseudocyphebellaria aurata*..  
   10284  
*Pseudogymnostreptus* n. g..  
   17894  
*Pseudogyndesoides* n. g....  
   17900  
*Pseudolaingia* n. g...15392  
*Pseudomasoreus*.....7944  
*Pseudomethocha olgae*....3543  
*Pseudomicrodon*.....7993  
*Pseudomonas alboprecipi-*  
*tans*, on corn.....6147  
*Pseudomonas fluorescens*...  
   10386  
*Pseudomonas mors-prunorum*  
   on cherry.....909  
   on plum.....6146  
   See also Bacterial  
   canker, of plum.  
*Pseudomonas solanacearum*  
   on potato.....15537  
*Pseudomonophadnus ant-*  
*arcticus* n. sp.....18084  
*Pseudoperichaeta*....12723  
*Pseudopeziza tracheiphila*.  
   See Red burn, of grape.  
*Pseudophloeophagus*....12656  
*Pseudophyllinae*.....3620  
*Pseudorabies*.....7170  
*Pseudoracelopus*.....20729  
*Pseudorhipsalis macrantha*.  
   5958  
*Pseudoscorpionida*. See  
   Chelonethida.  
*Pseudosphæroparia caver-*  
*nicola* n. sp.....7909  
*Pseudosyrichthus*.....7917  
*Pseudotsuga douglasii*. See  
   Douglas-fir.  
*Pseudotsuga taxifolia*.  
   See Douglas-fir.  
*Psicula* n. g.....28045  
*Psilla rosae*.....8017,8019,  
   12707  
*Psilopinae*.....17979  
*Psittacosis*  
   in pigeons.....17307  
*Psocus*.....12906  
*Psocus cabanae* n. sp.23561  
*Psoralea corylifolia*. See  
   Scurf pea, Malaytea.  
*Psorophora*....12751,18017
- Item**
- Psoroptes*.....3366  
*Psoroptes ovis*.....23126  
*Psorosis*, of citrus.10138,  
   20875,20882,26381  
*Psychidae*.....3590  
   See also names of gen-  
   era.  
*Psychoda*.....28079  
*Psychodidae*  
   Africa.....28090  
   Asia.....28091  
   Australia.....28091  
   Central America....3472  
   Europe.....12712  
   South America.....3472  
   See also names of gen-  
   era.  
 Psychology. See under  
   Animals, Poultry, and  
   names of animals.  
*Psychotria*.....5942  
*Psylla*.....821  
*Psyllid yellows*  
   of potato.....9751  
*Ptelea trifoliata*....10919  
*Ptenogonostreptus* n. g....  
   17894  
*Pteridophyta*...20725,26247  
   Arizona.....26248  
   Australia.....784,787  
   Brazil.....20721  
   China.....20722  
   Costa Rica.....10251  
   France.....10242  
   Hawaii.....26180  
   Illinois.....720,26253  
   India.....10253  
   Indochina.....10255-7  
   Pacific Islands....26251  
   See also Ferns; and  
   names of families and  
   genera.  
*Pteris multifida*....10252  
*Pterocladia*.....10279  
*Pterolophia*.....17935  
*Pteronidea myosotidis*....  
   23206  
*Pteronymia*.....28182  
*Pterostylis crypta* n. sp..  
   762  
*Ptilanthus* n. g.....20697  
*Ptinus tectus*.....28038  
*Ptomaphagus*.....7945  
*Ptychopoda*.....12837  
 Public works....5330,25995  
 Publications. See Bibli-  
   ographies; and subhead  
   publications under names  
   of authors and issuing  
   agencies.  
 Publicity.....9880,14010  
*Pucaya castanea colum-*  
*biana* n. var.....12611  
*Puccinia*.6013,26277,26288  
   See also Rust (plant);  
   Stem rust.  
*Puccinia canaliculata*....  
   26274  
   See also Rust, of nut-  
   grass flat-sedge.  
*Puccinia carthami*. See  
   Rust, of safflower.  
*Puccinia coronata*. See  
   Crown rust, of oats.  
*Puccinia graminis*....6109,  
   14794  
*Puccinia graminis tritici*.  
   882,972,20856  
*Puccinia rubigo-vera*  
   tritici.....899



- Item**  
*Puccinia sorghi*.....898  
 Puddlers.....23631  
 Puerto Rico. Auditor..24730  
 Puerto Rico. Junta da  
 Planificación, Urbaniza-  
 ción y Zonificación..19376  
 Puerto Rico. Servicio de  
 Extensión Agrícola..14420  
 Puerto Rico. Univ. Col.  
 of Agr. and Mech.  
 Arts.....9888  
*Pulex irritans*.....28232  
 Pulfrich photometer..25148  
 Pullet disease..2811,12106,  
 12120,17323,20311  
 Pullorum disease.....2759,  
 2798,2806,2809,2822,  
 7499,17344,22663  
 control....2764,2789-90,  
 2805,2810,2816,  
 2818,2824,20295,  
 20416,227617  
 in turkeys....2760,2813,  
 22661  
 control....22667,25857  
 resistance.....2808  
 tests...2760,7469,12104,  
 17314-15,17318,17413,  
 22666,27627,27636  
 therapy.....17351  
 transmission.....2810  
See also *Salmonella*  
*pullorum*; *Salmonello-*  
*sis*.  
*Pullularia pullulans*  
 on flax.....15530  
 Pulp and paper.....5831,6983,  
 20100,27234  
 Argentina.....4680  
 bibliographies.....14843  
 byproducts....2195,2200,  
 11585,16683  
 Canada.....2198-9,2201,  
 11602,11607,11613,  
 22144,22153  
 chemistry.....11609-10,  
 16701,22148  
 Germany.....16579  
 Great Britain.....16692  
 India.....2196  
 industry.....4681,22151  
 manufacture...2194,4680,  
 7074,7077,7080,7084,  
 8644,11598,11600,  
 11605-6,11608,11612,  
 11614,11616,16690,  
 16696,20080,27233,  
 27236-9  
 equipment.....7081  
 home.....18748  
 materials.....28690  
 Northern Ireland...22149  
 physical properties.....  
 2206,7083,11611,  
 22141,22147,27229  
 plant sources..8669,8986,  
 13478,13506,13538,  
 23808,24289,24555  
 plastics...5432,7069-70,  
 9607,11590,11592,  
 22137,27225,27231,  
 27235  
 postwar.....2202-4  
 regulation....7082,22145  
 situation and outlook...  
 2208,11596,16695,  
 16698,16700,27227  
 statistics.....2207  
 Sweden.....2197,11599,  
 16694,19293,27232
- Item**  
 Pulp and paper--Continued.  
 trade.....2198  
 U. S. S. R.....27230  
 utilization..11595,27205  
 waste.....27228  
 wrappings.....14775  
See also Boxes, paper  
 and paperboard; Con-  
 tainers, paper and  
 paperboard.  
 Pulpwood.....2093,7008-9,  
 16645,22070,22152  
 Germany.....16579  
 situation and outlook...  
 7078  
 Pumpkins  
 anatomy and physiology..  
 20991  
 culture.....1603  
 marketing.....24156  
 nutritive value...25153  
 oil.....13870  
 storage.....24156  
 Pumps.....3691,8210,  
 8269,18237  
See also Irrigation,  
 pump.  
 Pumpwood, ambay.....1721  
 Puncture vine.....408  
 Punjab Fruit Devlpmt.  
 Bd.....24169  
 Purchasing.....14999  
See also under specific  
 subjects.  
 Purchasing power....24617,  
 24619,29076  
 Argentina.....26118  
 Mexico.....24621,29078  
 Purdiaea.....756  
 Purdue Univ....15841,22315  
 Fed.-State Seed-Testing  
 Lab.....24500  
 Pure Milk Prod. Co....4124  
 Purple scale. See Lepi-  
 dosaphes beckii.  
 Purpusia.....5949  
 Putnam silt loam.....5522  
 Pycnocheres eidmanni..7905  
*Pycnospatha n. g.*.....10196  
 Pyometra. See Metritis.  
 Pyrausta.....12837  
*Pyrausta nubilalis*....65,  
 5626,12842,18150,  
 20328,25373  
 control..3578,3611,8097,  
 9543,15112,25865,25873  
 parasites and predators  
 of.....66  
*Pyrausta penitalis*...18045  
 Pyrellia.....28096  
 Pyrethrins.....7752,11080,  
 12441,17713,17730,28116  
 insecticides.....17713  
*Pyrethrum*..5395,9031,26882  
 analysis and composi-  
 tion.....3147,9026  
 culture.....26088  
 harvesting.....21641  
 India.....6699  
 insecticides....69,9573,  
 12740,26088  
 Peru.....6694  
 situation and outlook...  
 12454  
 U. S. S. R.....26088  
*Pyrethrum cinerariaefolium*  
 20595  
 Pyridine.....17686  
 Pyridoxine....2739,23503,  
 27486
- Item**  
 Pyridoxine--Continued.  
See also Vitamin B;  
 Vitamin B<sub>6</sub>.  
*Pyrimal*.....7166  
*Pyrochroa coccinea*....7933  
*Pyrola rotundifolia*..10168  
*Pyrophosphatase*.....8518  
*Pyrostegia venusta*...21373  
 Pyrrhosia.....20722  
*Pyrus communis*. See Pears.  
 Pyruvic acid.....10612  
 Pythium.....6189,10357  
See also names of dia-  
 seases and host plants.  
*Pythium aphanidermatum*...  
 20749  
 on flax.....15489  
*Pythium debaryanum*...6204  
 on oats.....26366  
See also Leak, of  
 potato.  
*Pythium ultimum*  
 on guayule.....15471  
 Quackgrass....12221,20332,  
 21640  
 Quaking grass, big...10444  
 Quarantine and inspection.  
See under Plants; and  
subhead regulation and  
 inspection under other  
 subjects.  
 Quebec Pomol. and Fruit  
 Growing Soc.....4266  
 Quebracho extract..2209-10  
*Quedioides lloydii* n. sp.17931  
 Queensland fruit fly.  
See *Dacus tryoni*.  
 Queensland nut. See  
 Macadamia, Queensland  
 nut.  
 Quercetin.....10561  
*Quercus*..10184,10186,26185  
See also Oak.  
*Quercus aegilops*. See  
 Oak, Valonia.  
*Quercus durandii*.....764  
*Quercus ilex*. See Oak,  
 holly.  
*Quercus laurifolia*. See  
 Oak, laurel.  
*Quercus macrolepis*. See  
 Oak, Valonia.  
*Quercus nigra*. See Oak,  
 water.  
*Quercus petraea*. See  
 Oak, durmast.  
*Quercus robur*. See Oak,  
 English.  
*Quercus suber*. See Oak,  
 cork.  
*Quercus virginiana*. See  
 Oak, live.  
 Quick decline  
 of citrus.....6030,15428  
 of orange.....26322  
 Quinces.....21297  
 pests.....12863  
 Quinine.....1711,7157  
See also Cinchona.  
 Quinoa.....4408,21091  
 Quinone.....1017  
 Quipo. See *Cavanillesia*  
*platanifolia*.  
 Rabbitbrush, rubber..8055,  
 10491  
 Rabbits.....556,575,17509,  
 18915,22792,22796,  
 24335,27753-4
- Item**  
 Rabbits--Continued.  
 accounting.....4945  
 anatomy and physiology..  
 12222,15213  
 as pests.....826,5643,  
 12226,25168  
 associations.....17519,  
 17524,27748  
 breeds and breeding....  
 2951-2,2956-8,2965,  
 7598,12208,12212,  
 12215,17461-3,17467,  
 17470,17473-4,17483,  
 17491,22783,22786,  
 27736  
 American Checkered  
 Giant.....2947  
 Angora.....559,2949,  
 2960-1,2966-7,7590,  
 8323,12207,12209-  
 11,12214,17452-55,  
 17457,17459,17464,  
 17479,17482,17485-6,  
 17488-90,17493-5,  
 17510,17527,17534,  
 22782,22784,22787-  
 8,27725,27733-4  
 Champagne D'Argent...  
 2953,17451,17469,  
 17476,17480-1  
 Checkered Giant..17475  
 Chinchilla..2948,7592,  
 17456,17484,27735,  
 27737,27740  
 Giant...17465,27726,  
 27739  
 Heavyweight...17472,  
 22785  
 Creme D'Argent..17478,  
 27731,27741  
 Flemish.....27738  
 Flemish Giant....2946,  
 2954  
 Havana.....27730  
 Lop, German.....22779  
 New Zealand.....2959,  
 2964,7595,7599,  
 17468,17471  
 Red.....17458  
 White.....17460  
 Rex.....2962-3,7591,  
 7596-7,7606,12213,  
 17466,27727,27742-3  
 Castor.....27729  
 Chinchilla.....2950  
 New Zealand, White..  
 17492  
 Satin, Red.....17480  
 Siberian.....27728  
 Silver Fox.....22781  
 Silver varieties..17477  
 California.....27752  
 Canada.....13770  
 care.....2980,2983-4,  
 7611-14,12227-9,  
 17508,17511,17515,  
 17522,17529-31,22791,  
 22799,22802,25813,  
 27751,27758  
 seasonal.....17518  
 Colombia.....12303  
 cooperatives.....4488,  
 27725,28858  
 costs and returns..4945,  
 14286  
 culling.....17456,22788  
 diseases.....562,2974,  
 7500,7601,7604  
 equipment...8314,8323-4,  
 9769



- | Item                       | Item                        | Item                       | Item                      |
|----------------------------|-----------------------------|----------------------------|---------------------------|
| Rabbits--Continued.        | Rachias.....17896           | Ranges--Continued.         | Rats--Continued.          |
| farms and ranches..22787   | Raddea.....23462            | management....1219,2265,   | control..7515,8287,9476,  |
| feeding and nutrition...   | Radio.....20400,25625       | 5329,5438,9545,10746,      | 9478,9686,14633,          |
| 2968-71,7600,              | Canada.....25018            | 10751,10753,14725,         | 15077,17376,18314,        |
| 12218-21,17452,            | in agriculture..3656,3658   | 14784,15033,15852,         | 25166,25175,25180,        |
| 17479,17499,17501,         | programs.....84,9585,       | 16772,19940,21176,         | 25187,25914,26307,        |
| 17503,22788-9,27745        | 19628,25250,25462           | 26621,26635,27063          | 29460                     |
| seasonal...17502,27744     | bibliographies...25397      | planting.....1189,1239,    | Great Britain.....19818   |
| fertility.....7594,27732   | Radioactive substances...   | 6374,14725,14849,15861     | Ravenia.....757           |
| Germany.....9525,18902     | 11956,26523                 | Utah.....1197              | Raw materials.....5776,   |
| heredity.....2955,7593,    | in veterinary medicine..    | vegetation...197,286,240,  | 15308,24598               |
| 17465                      | 7135,16790                  | 1197,2421,6348,26391       | Africa.....13154          |
| home raising...454,2985,   | Radishes...1062,1589,6223,  | See also subhead feed-     | Argentina...13150,26118   |
| 22798,22803                | 7790,10507                  | ing and nutrition, pas-    | control.....9874          |
| housing.....3798,8317,     | Rafanobrassica.....10507    | ture and range under       | Europe.....632            |
| 22788,23727                | Raffinose.....10609         | names of animals.          | Hungary.....3865          |
| hybrids.....17480,17487,   | Rafinesque, Constantine     | Ranunculaceae.....10104    | India.....3864            |
| 22780                      | Samuel.....5869,9489        | Ranunculus.....1436        | trade.....497             |
| identification.....2976    | Rafrhisus. See Rhino-       | Ranunculus repens...15573  | Rayolanda.....26008       |
| India.....20555            | scepis (Rafrhisus)          | Rape.....1084-5            | Rayon.....4156,4229,8603, |
| industry.....2978-9,2981,  | n. agen.                    | as feed                    | 8617,8639-40,8663,        |
| 4426,4428,4469,7610,       | Ragg, Lonsdale.....29472    | for cattle.....22378       | 11595,18734               |
| 7615,8840,13752,           | Ragi millet.....15787       | for swine.....12332        | carding.....28697         |
| 13755,17514,17526,         | Ragweed.....10546,16254     | biochemistry.....26547     | fiber.....28665           |
| 17532,22788,22794,         | Ragwort. See Groundsel.     | Germany.....15266,15752,   | from seaweed.....13534    |
| 24333,24337,27756-         | Railletina cesticillus...   | 21194,21199                | Great Britain....29341,   |
| 7,27761,29506              | 7504                        | harvesting.....26657       | 29348                     |
| Italy.....12208,17521      | Railroads..8403,9909,13214  | India.....28948            | industry.....3708,4162,   |
| judging..2982,17533,22801  | Argentina.....13211         | Italy.....10787            | 4171-2                    |
| marketing...18946,18951,   | land grants..29185,29189    | oil.....13856              | New Zealand.....8602      |
| 18956,24358                | legal cases.....20226       | Rapidorn.....12020         | situation and outlook...  |
| meat.....4427,8858         | See also Freight rates;     | Raspberries....1387,5839,  | 8641,24117                |
| nutritive value.....       | Refrigerator cars; and      | 10036,10847,15992          | subsidies.....24757       |
| 29404-5                    | subhead transportation      | culture..331,15072,20320   | trade.....29341,29348     |
| molting.....17528,27762    | under specific sub-         | diseases.....6038,9564,    | utilization.....18685     |
| parasites.....562,7604     | jects.                      | 9722,15558,20320           | yarn.....13469-70,13479,  |
| parturition.....12212      | Railway ties....142,2139,   | Germany.....21326          | 13487,13507,13532,        |
| poisoning....7608,12426    | 2162-4,9608,16657,          | harvesting.....5705        | 24081                     |
| records and testing....    | 22119                       | New Zealand.....21342      | count.....28700           |
| 17524-5,17527,22795,       | situation and outlook...    | pests....3172,6038,9564,   | Read, Charles H.....7029  |
| 22797,27759-60,27762       | 16643                       | 20320                      | Real estate. See Farms    |
| research....12225,22800    | Raindrop erosion....21902   | preservation.....13637     | and farming; Land.        |
| shows and sales...17512,   | Rainfall. See Precipita-    | pruning.....21340          | Recipes. See Cookery,     |
| 17520,17523,17534,         | tion.                       | transportation...13608,    | recipes.                  |
| 22793,27735                | Raisins.....13550,28798     | 24268                      | Reciprocal trade agree-   |
| situation and outlook...   | Australia.....24151         | varieties.....15893,       | ments. See Trade, agree-  |
| 18952                      | nutritive value...25152     | 15989,21343                | ments and treaties.       |
| slaughtering..24377,27749  | programs.....14876          | See also Rubus.            | Reciprocal Trade Agree-   |
| study and teaching..2977   | regulation and inspec-      | Raspberry, red. See        | ments Act, 1945....9905,  |
| utilization.....18939      | tion.....8689               | Rubus idaeus.              | 14501,15142               |
| vices.....22788            | sirup.....24215,28784       | Raspberry cane borer.      | Reclamation.....20,5864,  |
| weight and measurement..   | Raisintree, Japanese.....   | See Oberea bimaculata.     | 9903,10075,20502          |
| 7592,17484,27737,27740     | 11084                       | Raspberry fruitworm. See   | agreements.....644        |
| wild.....5277              | Rajapa.....15408            | Byturus.                   | Arizona.....15302         |
| See also Feed; 4-H         | Rakes, buck..5700,9729,9822 | Rat-bite fever.....27496   | Australia                 |
| Clubs, rabbits; Furs,      | Rambotti Method (olive-     | Rat flea. See Nosopsyllus  | South Australia..11344    |
| rabbit; Hides and          | oil yields).....19027       | fasciatus.                 | Brazil.....29054          |
| skins, rabbit; Pig-        | Ramie.....1179,4191,4227,   | Rationing...533,3914,3916, | California...11309,16432  |
| mentation, fur, of         | 8660,15809,18693,           | 8371,8429,15172,           | Columbia River Basin...   |
| rabbits; Wool, Angora      | 18753,19493,21116,          | 23849,24598,28479          | 16457                     |
| rabbit; and names of       | 24097,24122,24136           | Argentina.....20505        | financing.....20604       |
| feeds and of anatomical    | Rammed earth. See Build-    | Australia.....24575        | France.....27008          |
| parts, diseases, para-     | ings, rammed-earth.         | Canada.....15170           | Great Britain....16445    |
| sites, and products.       | Rams.....2968,4490,12231,   | China.....4742             | Idaho.....16481           |
| Rabies....7161,11702,22269 | 12249,13499,27765           | Colombia.....5791          | Italy...9053,9056,11311,  |
| Brazil.....16860           | judging.....17539           | Ecuador.....5792           | 14019,14127,20611,        |
| control.....11753,19904    | Ranching.....27463          | Great Britain..3921,13147  | 27023                     |
| immunization..2318,11710,  | history.....11757,11941,    | India.....8369,8433        | Kansas.....16436          |
| 16779                      | 17083-4,25784,              | Middle East.....14209      | Missouri.....22           |
| in cattle.....17029        | 29179,29206                 | Paraguay.....15206         | Missouri River Basin...   |
| immunization.....2499      | See also Livestock.         | Peru.....5793              | 16470,26096,27036         |
| in dogs.....7344,7346,     | Ranges..236,309,25441,26312 | Uruguay.....5794           | Missouri River Valley...  |
| 17138,22518                | and animal nutrition....    | Venezuela.....5762         | 643,26097                 |
| control.....11955,11959    | 10751,14851                 | See also Black markets;    | Montana.....16431         |
| in man.....2288,2291       | bibliographies.....25438    | Food, rationing; and       | Nebraska.....16474        |
| in wild animals...16867    | Canada.....2426             | under names of com-        | Netherlands.....11338     |
| Portugal.....2318          | conservation.....11385      | modities.                  | New Mexico.....15303      |
| transmission...560,22233   | grazing.....6369            | Bats.....12426,17633       | New Zealand.....11337     |
| vaccines.....16816         |                             | and disease...7728,22884   | North Dakota.....16424    |
| virus.....16837            |                             |                            |                           |



- Reclamation--Continued.**  
 Oregon.....16453,27030  
 Palestine.....9240  
 postwar...16422,16441-2,  
 16447,16466  
 salt lands.....16479  
 South Dakota.....16450  
 Spain.....21863  
 Switzerland.....6849  
 Washington (State)...16443  
 Wyoming.....16462  
See also Drainage; Ir-  
 rigation; Land, clear-  
 ing; Marshes; River-  
 basin development;  
 Spoil banks, reclama-  
 tion.  
 Reclamation Act.....5863  
 Reclamation Soldier  
 Settlement Act, 1945..181  
 Reconstruction.9046,19517,  
 20485  
 Australia....25974,29055  
 bibliographies.....20609  
 China  
 bibliographies....9871  
 France.9036,14012,14180,  
 24615  
 Germany.....14029  
 Great Britain.....4714,  
 9882,14263,25971  
 India.....9879  
 postwar.....5755,9167  
 bibliographies....5754  
 Tasmania.....14204  
 Union of South Africa...  
 24756  
 U. S. S. R....5035,9052,  
 14243,19565,28752,  
 29178  
See also Postwar plan-  
 ning; Relief and re-  
 habilitation.  
 Reconversion. See Indus-  
 try, reconversion.  
 Record, Samuel James.....  
 14650,14660,14674  
 Recreation....236,477,505,  
 643,5109,9828,14426,  
 19667,20039,20470-1  
See also Dances; Games;  
and subhead recreation  
under Forests and 4-H  
 Clubs.  
 Red burn  
 of grape.6101,6108,20857  
 Red-leaf blight  
 of cotton.....1057  
 Red-legged grasshopper.  
See Melanoplus femur-  
 rubrum.  
 Red-legged ham beetle.  
See Necrobia rufipes.  
 Red mite, of chickens.  
See Dermanyssus gallinae.  
 Red oil.....215  
 Red quebracho. See  
 Quebracho extract.  
 Red quebracho, willowleaf.  
 16592  
 Red-ring disease  
 of coconut.....931  
 Red soils.....21693,26095  
 Red spiders. See Para-  
 tetranynchus; Tetranychus.  
 Red-stele root disease  
 of strawberry.....20830  
 Redbud. See Cercis.  
 Redpepper, bush.....15718
- Reduviidae**  
 rearing and breeding...  
 23394  
See also names of gen-  
 era.  
 Redwater. See Hemoglobi-  
 nuria; Tick fever.  
 Redwings.....9684  
 Redwood..20635,21036,27152  
 anatomy and physiology..  
 15599  
 bark.....2165  
 products.....27191  
 wood.....2138,20079  
 Reeds.....24555  
 Reforestation...142,1955,  
 6962,7013,10649,16569,  
 20111,22032,26942  
 Africa.....6900  
 Aleutian Islands.....6306  
 Australia.....1994,10668  
 Canada.....1108,1118  
 Chile.....15746,16621  
 Colombia....10659,16578,  
 22166  
 France.14622,26553,27128  
 Great Britain.....1123,  
 11512,15738,16567,  
 16571  
 Scotland.....15742  
 Illinois.....21044  
 Italy.....606-7,27139  
 Lake States.....25444  
 New York (State)...1111  
 Ohio.....123  
 Oregon.....1121  
 Peru.....11464  
 Sicily.....21897  
 Southern Appalachians...  
 1120  
 Spain.....1124  
 Sweden.....1122  
 Switzerland...6308,6313,  
 6968  
 Wisconsin.....16716  
 Refrigeration...3949,5778,  
 8445,13113,13267,  
 18285,23881,28292  
 Algeria.....23864  
 community.....18373  
 equipment...23665,28291  
 France.....13261  
 history.....28505  
 industry.....23665  
 Mexico.....13256  
 on the farm....336,3718  
 Uruguay.....23871  
See also Freezing of  
 food; Locker plants;  
 Refrigerator cars;  
 Refrigerators; Stor-  
 age, cold; Transporta-  
 tion, refrigeration;  
and under specific  
 subjects.  
 Refrigerator cars....3720,  
 14874,20147  
 Refrigerators..5532,13114,  
 13117,15106,27242  
 iceless.....337,15095  
 Refuse, city  
 as fertilizer.....11437,  
 16545  
See also Waste.  
 Regional surveys  
 Nigeria.....5034  
 Regionalism..5033,5039-40,  
 9277
- Registration, of animals.**  
See subhead records and  
 testing under names of  
 animals.  
 Rehabilitation. See Relief  
 and rehabilitation.  
 Rehmiiellopsis balsameae  
 n. sp.....903  
 Reiche, Carlos, Flora de  
 Chile.....15351  
 Reichenbachia.....17955  
 Reichsnährstand.....502  
 Reitter, Edmund, Fauna  
 Germanica.....17041  
 Relapsing fever  
 Texas.....28022  
 transmission.....23122  
 U. S. S. R.....7908  
 Relief and rehabilitation.  
 8378,8384,9938,  
 14025,25993,29077  
 Australia.....5719,19189  
 Austria.....15238  
 Bolivia.....5032  
 China.....5630,15121  
 bibliographies....9871  
 Europe.....4713,5732,  
 9340,13167,29063  
 Far East.....19191  
 farmers....114-15,5430,  
 20058-9,24939  
 Greece.....18  
 handbooks.....20565  
 India...8373,9385,18405,  
 25074  
 Indians, North American.  
 9051  
 international.....5738  
 Korea.....24582  
 Mexico.....24902  
 Netherlands Indies..9037  
 Norway.....13169  
 Pacific Countries...5736  
 Philippine Islands.29062  
 postwar.....5743,29368  
 Spain.....15238  
See also Food relief  
 programs; Milk relief  
 programs; Reconstruc-  
 tion; United Nations  
 Relief and Rehabil.  
 Admin.; U. S. Dept. of  
 Agr., Farm Security  
 Admin.; Veterans.  
 Religion, in rural life...  
 9306,20013  
 Palestine.....14427  
 Venezuela.....25976  
See also Churches.  
 Remijia.....1711  
 Remy, P.....12892  
 Rendzina soils.....6782  
 Rennet....4133,4452,4518,  
 13748  
 Rent  
 control.....20504  
 New York (State)....488  
 U. S. S. R.....9072  
See also Leases.  
 Repairing, farm and home.  
See Shops, farm; and  
subhead maintenance and  
repair under Equipment  
and kinds of equipment.  
 Repellents  
 for bees.....3229  
 for insects...3229,3639,  
 7719,17744,22955,  
 28117,28243  
See also under DDT.
- Reports, preparation.**5371,  
 5373  
 Resazurin, milk test.4068,  
 13360,13365,13377,  
 13420-1,18575,18586,  
 23980-1,28609  
 Rescue grass. See Brome,  
 rescue.  
 Research.....48,5282,5350,  
 14623,14694,19819,  
 19862,25222,25249,  
 25380,25382,29490  
 Argentina.....24709  
 Arizona.....20258  
 as an occupation....661  
 Australia.....19863  
 bibliographies....25992  
 Brazil.....4828  
 Bulgaria.....19864  
 Canada.....29492,29494  
 Colorado...9662-3,20268  
 Connecticut.....9664  
 Dominican Republic.14682  
 El Salvador.....5310  
 Florida.....15175  
 Hungary.....14691  
 Idaho.....25734  
 international.....5888  
 Italian.....19822  
 Italy.....9512-13  
 Latin America.....14697  
 legislation.....26116  
 Louisiana.....20290  
 Maryland.....20294  
 Michigan.....25741  
 Minnesota.....25743  
 Mississippi..9692,14988,  
 25747  
 Missouri.....14989  
 Morocco.....5311  
 Nebraska.....9696  
 New Hampshire.....20305  
 New Jersey.....9714  
 New York (State)...20319  
 North Dakota.....9727,  
 15005,25762  
 Oklahoma.....20339  
 Pennsylvania.....9733  
 Rhode Island.....15011  
 Sweden.....5312,25215  
 Tennessee.....20344-5  
 Texas.....20351  
 U. S. S. R.....5308,  
 5313-14,5865,9516,  
 10068,14685,14695,  
 25217,29493  
See also subjects of  
 research and names of  
 experiment stations  
 and research agencies.  
 Reseda.....16025  
 Reservoirs.....202,3485,  
 3490,3492,18023,  
 18036,19926,25277  
 Resettlement. See Land,  
 settlement and coloniza-  
 tion.  
 Resins. See Adhesives,  
 synthetic-resin; Gums  
 and resins.  
 Resorcinol.....14839  
 Resorcinol glue...5439-40,  
 20104  
 Resources. See Natural  
 resources.  
 Respiration. See under  
 Plants; and names of  
 animals.



- Item**  
 Retained placenta.....2517  
 Reticulotermes lucifugus  
   parasites.....23546  
 Retinodiplosis.....17971  
 Revegetation...9997,10429,  
   14913  
 Review of Appl. Mycol.....  
   15550  
 Rhabdocline pseudotsugae...  
   6000  
 Rhabdogloeum hypophyllum  
   n. sp.....6000  
 Rhachomyces.....15400  
 Rhacochelifer maculatus  
   hoggarensis n. ssp..12604  
 Rhadinoceraea gracili-  
   cornis.....18096  
 Rhagastie.....12818  
 Rhagium bifasciatum..17943  
 Rhagoletis pomonella.....  
   12698,20404,23259  
 Rhamnus carthartica. See  
   Buckthorn.  
 Rhamnus purshiana. See  
   Buckthorn, cascara.  
 Ramphocorixa acuminata...  
   8051  
 Raphidopalpa chinensis...  
   28028  
 Rhescyntis.....23475  
 Rheum emodi. See Rhubarb,  
   Himalayan.  
 Rheumatism.....17765  
 Rhexius.....17955  
 Rhinitis, necrotic. See  
   Bullnose.  
 Rhinoscepsis...7959,17955  
 Rhinoscepsis (Rafhrisus)  
   n. sgen.....7959  
 Rhinosporidiosis  
   in horses.....12012  
 Rhinosporidium seeberi...  
   16786  
 Rhinotachina.....12724  
 Rhipicephalus appendicu-  
   latus, and disease..23133  
 Rhipicephalus sanguineus...  
   12582,12591  
 Rhipidius.....12667  
 Rhizobium leguminosarum...  
   21713-14  
 Rhizoctonia.....26347  
   See also Little-potato  
   disease.  
 Rhizoctonia solani  
   on Hevea.....26348  
   See also Bud rot, of  
   strawberry.  
 Rhizome rot, of iris..6091  
 Rhizopertha dominica.3123,  
   3389-90  
   anatomy and physiology...  
   23141  
 Rhizophagus.....886  
 Rhizophoraceae.....15380  
 Rhizopus  
   on sweetpotato.....15477  
 Rhizosolenia longisetia...  
   10277  
 R. I. Agr. Expt. Sta.  
   research.....15011  
 Rhodes grass.....15849  
 Rhodites.....23225  
 Rhodnius prolixus....28151  
 Rhododendron.....16138  
   culture..16004,16017-18,  
   16139  
   varieties...16005,16054,  
   16105,16163,21494  
 Rhododendron amoenum.21430
- Item**  
 Rhododendron auriculatum..  
   15367  
 Rhododendron mucronatum  
   f. sekidera.....21466  
 Rhodophyceae...795,15274,  
   26262  
 Rhodymenia.....15392  
 Rhomphaea.....17884  
 Rhopalocera. See Butter-  
   flies.  
 Rhopalomesites.....12656  
 Rhopalosiphum bupleuri  
   n. sp.....12754  
 Rhopalosiphum conii..25664  
 Rhopalophlyctis n. g..15398  
 Rhubarb...1615,8684,15029  
   culture.....26834  
   diseases.....6140  
 Rhubarb, Himalayan...1103  
 Rhynchites coeruleus.....  
   12615,12682  
 Rhynchophorus palmarum...  
   3424,12658  
 Rhyncomya.....28096  
 Rhyarioides.....18117  
 Rhysemodes orientalis  
   larvae.....12664  
 Rhytinota.....17945  
 Ribes nevadense. See  
   Currant, Sierra.  
 Ribes roezli. See  
   Gooseberry, Sierra.  
 Riboflavin...28158,29398,  
   29410  
   in beverages.....9426  
   in feed.....16755,25790  
   in food.....264,25790  
   in fruit.....14573  
   in meat.....14607  
   in plants.....15725  
   in poultry nutrition...  
   7448,7461  
   in vegetables.....14571,  
   25680  
   in yeasts.....25160  
   stability.....9428  
   tests....9424,9430,9450  
   See also Ariboflavino-  
   sis; Vitamin B; Vita-  
   min B<sub>2</sub>.  
 Riccia.....5989  
 Riccia natans.....7976  
 Rice....4390,8798,20483,  
   23787,24802  
   adulteration.....24277  
   anatomy and physiology..  
   1065,20946,  
   20990,21011  
   Argentina...15763,18885  
   as feed, for swine.26048  
   associations.....24273  
   Australia.....24301  
   Brazil.....15785  
   California...15775,18873  
   Caribbean Area....4422  
   Ceylon.....26599  
   chemistry....24297,25128  
   Chile.....21083  
   China.....26589  
   Colombia.....1143,13678  
   consumption.....24271  
   cooperatives.....24292  
   costs and returns.14283,  
   24829  
   culture.1868,6337,10679,  
   15780,15782,25216,  
   26597  
   equipment.....28271  
   diseases.....992,26320  
   Dominican Republic.18866
- Item**  
 Rice--Continued.  
   drying.....3743  
   equipment...3736,3743,  
   8245  
 Egypt.....28834  
 fertilizers.11274,16334,  
   16546,21791  
 flour.....19762  
 fortification.....29411  
 French Colonies...13669  
 harvesting...3736,23647  
   equipment...3736,3743,  
   23647  
 history....18854,20483,  
   24303  
 hulling.....18882  
   equipment.....18272  
 husks.....2416,18855  
 hybrids.....26589  
 India.....6331,15778-9,  
   15786,15798,19801,  
   21093,24277,24829,  
   26585  
 industry.....28833  
 injuries.....10317  
 irrigation...6866,14964,  
   19762,28101  
 market reports...24286,  
   25564,25605  
 marketing...13694,20483  
 milling....18288,23644  
 nutritive value...19780,  
   29374  
 pests.....3565,28188  
 pollination.....26489  
 purchase and sale pro-  
   grams.....25357  
 regulation and inspec-  
   tion.....5487  
 seeds...1160,21099,29007  
   situation and outlook...  
   4397,4403,13712,14283  
 South Carolina....20483  
 Spain.21063,21097,24271,  
   24273,24280,24288,  
   24292,24303,25043,  
   28826  
 spraying and dusting...  
   9658  
 statistics..18866,20074,  
   24274,25565  
 Tanganyika.....23644  
 trade..14494,20074,25043  
 Union of South Africa...  
   21084  
 Uruguay.....15773  
 utilization.....24280  
 varieties....1156,1165,  
   26591  
   Venezuela.....4418  
   vitamins.....9409,9440  
   Western Hemisphere.13717  
 Rice moth. See Corcyra  
   cephalonica.  
 Rice weevil. See  
   Sitophilus oryza.  
 Ricegrass.....874  
 Ricinus communis....20701  
   See also Castor-beans.  
 Rickets.....25124  
   in calves.....11866  
   in dogs.....17130  
   in poultry.....7498  
 Rickettsia.....7728,8163  
   in livestock.....16797  
 Rickettsia conjunctiva...  
   16815  
 Rickettsia ruminantium...  
   22253  
   See also Heartwater.
- Item**  
 Rickettsial diseases  
   in cattle.....3015  
   in sheep.....3015  
   in swine.....3015  
   See also names of dis-  
   eases.  
 Riehm, H.....6751  
 Riel, Philibert.....14665  
   publications.....14665  
 Rievel, H.....11662  
 Riley, C. V.....27861  
 Rinderpest.....7259,16984  
   control.....11897  
   India.....11875,11897  
   vaccines.....22413  
 Ring rot, of potato. See  
   Bacterial ring rot, of  
   potato.  
 Ring spot  
   of celery.....20262  
   of poisonhemlock...20262  
 Ringwood, England....28465  
 Ringworm, in horses...7372  
 Rio de Janeiro. Museu  
   Nacional.....734  
 Rio Grande River....11339  
 Rio Grande Valley Citrus  
   Exch.....13605  
 Rivadavia.....19329  
 River-basin development...  
   26941,27026  
 Rivers and Harbors and  
   Flood Control Bills,  
   1944.....16419,16460,  
   16469,16473  
 Roads.....8169,21903  
   Colombia.....8866  
   forest...2230,7100,7102,  
   7104,27181  
 Roadside planting...1970,  
   6557,11106,16344  
   See also Trees, street  
   and roadside.  
 Roadside stands. See  
   Markets and marketing,  
   roadside.  
 Robberflies. See  
   Asilidae.  
 Robertus truncorum...12568  
 Robinia. See Locust.  
 Robinia pseudoacacia.  
   See Locust, black.  
 Rochella.....15405  
 Rochester (Minn.) Dairy  
   Co-op.....4082  
 Rock gardens...1408,1410,  
   1429,1524,1532,1563,  
   6465,6508,6530,6543,  
   10885,10945,10968,  
   16005,16090-3,16156,  
   21415,21434,21437,  
   21444,21532,26750  
   seasonal care....16119,  
   21452,21532,26761  
   soils.....16304  
   See also Alpine plants;  
   and names of plants.  
 Rocky Mountain spotted  
   fever.....226  
   transmission.....3373,  
   12581,23108  
 Rodents.....17735  
   control....14624,16726,  
   19817,26312,28781,  
   29461  
   See also names of  
   rodents.  
 Rodgersia.....10912  
 Rodolia cardinalis...23401



- Item**  
 Roig y Mesa, Juan Thomas... 29465  
 Rolfs, Peter Henry... 14656  
   publications... 14656  
 Romeo, Antonio... 29467  
   publications... 29467  
 Romneya coulteri... 742  
 Roof gardening... 16206  
 Roofs... 9911, 13057, 18325, 23708  
 Roosevelt, Franklin  
   Delano... 5285  
 Root crops... 1218  
   culture... 21049  
   fertilizers... 16540  
   Great Britain... 9897  
   harvesting, equipment... 9920  
   Norway... 18784  
   storage... 28791  
   Sweden... 1225, 18408  
   utilization... 4303  
   See also names of crops.  
 Root knot  
   of peach... 935  
   of tobacco... 934  
   of vegetables... 10398  
   See also Nematodes.  
 Root rot  
   of citrus... 10335  
   of pea... 15462, 15473  
   of rose... 6112  
   See also kinds of rot  
   and causal organisms.  
 Root tubercles. See  
   Nodules, plant.  
 Roots... 1006, 10498, 11175, 15658, 15673, 15682, 15692  
   anatomy and physiology... 1005, 6183, 6203, 10457, 10553, 10607  
 Rootstocks. See subhead  
   propagation under Plants;  
   and names and classes of  
   plants.  
 Rope... 8174, 8885  
   See also Cordage.  
 Rosa setigera. See Rose,  
   prairie.  
 Rosa sherardi var. gla-  
   brata... 26186  
 Rosaceae... 777, 15716  
 Rosalia... 17935  
 Rose... 1476, 1518, 21453  
   anatomy and physiology... 10560, 26501  
   biochemistry... 10926, 15712  
   breeding... 1571, 6548, 16147  
   culture... 1398-9, 1491, 1495, 1500, 1504, 1521, 1523, 6477, 6479, 6547, 6590, 16066, 16146, 16153, 16409, 21441, 21501, 21525, 26736, 26764-5, 26999  
   diseases... 312, 815, 871, 6054, 6061, 6112, 15440  
   resistance... 15453  
   fertilizers... 312, 1831  
   history... 10881  
   pests... 3150, 6054, 7925, 7980, 12416, 27902, 28046, 28155  
   propagation... 10940, 21390, 21502  
   pruning... 16000  
   soils... 21816  
   varieties... 1465, 1471, 1480, 1494, 1542, 1555,  
   (See next column)  
 Rose--Continued.  
   varieties--continued.  
     6459, 6502, 6541, 9994, 10873, 10958, 10982, 10994, 15453, 16001, 16044, 16056, 16085, 16143, 16155, 20582, 21392, 21417, 21424-5, 21457, 21521, 21531, 26768, 26782  
   vitamins... 6454  
 Rose, climbing... 1443, 16124, 26763, 26790  
 Rose, damask... 15712  
 Rose, Japanese... 6500  
 Rose, polyantha... 1434, 1474  
 Rose, prairie... 16021  
 Rose, rambler... 21443, 26817  
 Rose chafer. See Macro-  
   dactylus subspinosus.  
 Rose hips... 13651, 19164  
 Rose midge. See Dasyneura  
   rhodophaga.  
 Roselle... 6072, 21116  
 Rosemary... 1717  
 Rosin... 34, 2190, 22136  
 Ross, Betsy... 5632  
 Ross, H. H... 23556  
 Rot. See Black rot;  
   Brown rot; Buckeye rot;  
   Root rot; Stem-end rot;  
   and causal organisms.  
 Rotation of crops... 1137, 1816, 1868, 6315, 6393, 6808, 10670, 10756, 10779, 14686, 15752-3, 15755-6, 15826, 16500, 21053, 21214, 21777, 25788, 25841, 26649, 26962  
   Australia... 16384  
   effect on soils... 9736, 11290, 21731  
   India... 6307  
   Italy... 10671  
   U. S. S. R... 6342, 11312, 20590, 26568  
   See also Field crops,  
   rotation with pasture.  
 Rotenone... 15708  
   insecticides... 74-7, 5390, 7960, 9564, 12420, 17738, 17996, 27885  
   history... 22941  
   tests... 22937  
   situation and outlook... 12454  
 Rothamsted (Great Britain)  
   Expt. Sta... 5315, 25212  
 Rothschildia  
   Argentina... 12811  
 Rototiller... 21926  
 Rotproofing... 4175, 4214, 18666, 18690, 18701  
 Roughage, in animal nu-  
   trition... 7230, 7241, 11669, 22823  
   Hungary... 13459  
 Roundworms  
   in poultry... 7473  
 Roup, in poultry... 12108  
 Royal Agr. and Com. Soc.  
   (British Guiana)... 29437  
 Royal Bot. Gard.,  
   Calcutta. See Calcutta.  
 Roy. Bot. Gard.  
 Royal palm, Cuban... 6991, 15538  
 Royal poinciana  
   pests... 8131, 23511  
 Royal (Dick) Vet. Col.,  
   Edinburgh... 7155, 22246  
 Roystonia regia. See  
   Royal palm, Cuban.  
 Ruakura (New Zealand)  
   Anim. Res. Sta... 22460  
 Ruaphilos petrunkevitchou  
   n. g., n. sp... 17874  
 Rubber... 3764, 19113, 26010  
   Africa... 13156  
   agreements... 13921  
   Argentina... 4624  
   Australia... 19107  
   Brazil... 4628, 13920, 19106, 19109, 19114-15, 19118, 19260, 24484  
   costs and returns... 4626, 19109  
   Ecuador... 28994  
   extraction... 8952, 11091, 21672, 28994  
   Far East... 4625  
   fertilizers... 11292  
   Guatemala... 8954  
   history... 8953, 19111  
   in plants... 1068, 1088, 6305  
   India... 9930  
   industry... 4627, 5777  
   Italian East Africa... 19108  
   labor... 19260  
   plant sources... 1698, 4623-4, 8951, 8954, 11104, 11115, 19110-12, 19116, 24485-6, 24508, 28995-6  
   plantations... 4627, 19115  
   processing... 4620, 28994  
   reclaiming... 19119  
   regulation and inspec-  
   tion... 5777  
   research... 13920, 24484  
   situation and outlook... 28998  
   South America... 19111  
   synthetic... 4621-2, 4629, 15191, 19113, 28997  
   testing... 28993  
   U. S. S. R... 19112  
   utilization... 4626, 5781, 8263, 23783  
   Venezuela... 13921  
   See also Latex.  
 Rubber plants... 1073, 6729  
   anatomy and physiology... 6266  
   Costa Rica... 1716  
   France... 21650  
   Latin America... 10043  
   Western Hemisphere... 16260  
   See also names of  
   plants.  
 Rubber Reserve Co... 5787  
 Rubbertree, Para. See  
   Hevea.  
 Rubiaceae... 776, 5837, 5942, 10208  
 Rubus... 10176  
   See also Blackberries;  
   Raspberries.  
 Rubus idaeus... 5971  
 Rubus linkianus... 15350  
 Rubus nessensis... 26238  
 Rudbeckia... 26434  
 Rudbeckia purpurea. See  
   Echinacea purpurea.  
 Rudra... 17884  
 Rue... 1720, 6695  
 Rugs... 5636, 15060  
 Rum  
   West Indies... 13305  
 Rumex. See Sorrel.  
 Rumex acetosella. See  
   Sheep sorrel.  
 Ruminants  
   feeding and nutrition... 2281  
   surgery... 16799  
   See also names of rumi-  
   nants.  
 Runoff... 1927, 1939, 1949, 6890, 6907, 9633, 9672, 16420, 16497, 16502, 21867, 21874, 27073  
   control... 11376, 26092, 27057  
   determination... 16498, 16504, 21870  
   equipment... 18203  
   forecasts... 16506, 21862  
 Rural Electrification  
   Act... 25611  
 Rural life... 487, 5025, 5740, 5768, 9275, 9308, 20476, 20499  
   Australia... 19200  
   bibliographies... 25874  
   Brazil... 19206  
   British West Africa... 19557  
   Canada... 5029, 19562, 24905  
   Colombia... 24904  
   Connecticut... 9870  
   Costa Rica... 5024, 29067  
   France... 14370, 14375  
   Germany... 662, 19560-1  
   Great Britain... 492, 506, 5753, 19556, 25004, 26107  
   history  
     Great Britain... 20613  
   Illinois... 29266  
   India... 24900  
   Italian East Africa... 24610  
   Kentucky... 24906  
   Kenya... 29269  
   Mississippi... 504, 19559  
   Montana... 14372  
   Morocco... 29268  
   New England... 24899  
   New Zealand... 14374  
   Panama... 19558  
   postwar... 14403  
   programs... 14373  
   Sahara... 29068  
   Sweden... 29267  
   Texas... 29061  
   Virginia... 29270  
 Rural Life Movement... 19634  
 Rural schools. See  
   Schools.  
 Rushes. See Juncaceae;  
   Juncus.  
 Ruskin Veg. Coop... 18807  
 Russeting, of apple... 861  
 Russula... 5997, 15407  
 Rust (plant)... 893, 26299  
   of asparagus... 23151  
   of bean... 6141  
   of grain... 6093, 6321, 10368  
   of juniper... 15516  
   of medlar... 6117  
   of nutgrass flat-sedge... 20819  
   of oats... 6137, 10356, 10358



<u>Item</u>	<u>Item</u>	<u>Item</u>	<u>Item</u>
Rust (plant)--Continued.	Rusty mottle	Rye--Continued.	Rye--Continued.
of pear.....15516	of cherry....20787,20880	Argentina.....26576	varieties.....292-3
of Prunus.....10370	Rutabagas.....5229,6659,	as cause of disease.....	<u>See also</u> Wild-rye.
of raspberry.....6038	21052	18419	Ryegrass.....293-4,10445
of safflower.....20818	culture.....9689	as feed.....16767	diseases.....1220
of wheat.....6077,6133,	diseases.....912	Colombia.....13688	Ryegrass, darnel.....18878
10337,15268,20806,	Germany.....21599	culture.....10704,15280,	<u>See also</u> Lolium temulen-
20846,26340,26361	Rutin.....15703	15794,21831	tum.
<u>See also</u> Blister rust;	Ryanex.....3124	diseases...883,6025,6132	Ryegrass, Italian....6272,
Crown rust; Stem rust;	insecticides.....12863	futures.....25364	23657
<u>and</u> names of causal	Rye.....16517	Germany.....21081	Ryegrass, perennial..21058
organisms.	anatomy and morphology..	seed, testing.....26023	diseases....26332,26346,
	20987	U. S. S. R.....6330	26358



- Item**  
 STI, vaccine.....7171  
 Sabadilla  
   insecticides.....69,  
     22913-15, 23363, 23367,  
     23404, 23406, 23460,  
     28077  
 Sabal.....20709  
 Sabbatini, Licinio....8297  
 Sacbrood.....3212  
 Saccharification....14755  
 Saccharin.....13963, 13965  
 Saccharomyces. See Yeasts.  
 Saccharomyces cerevisiae..  
     1077, 6208  
 Saccharomyces ellipsoideus.  
     10563  
 Saccharose. See Sucrose.  
 Saccharum munj. See  
   Sweetcane, munj.  
 Saccharum sarc. See  
   Sweetcane, munj.  
 Sacheria.....796  
 Saddleback caterpillar.  
   See Sibine stimulea.  
 Sächische Forstliche  
   Versuchsanstalt,  
   Tharandt.....28186  
 Safety. See Accidents;  
   4-H Clubs, health and  
   safety.  
 Safflower..263, 20948, 21655  
   diseases.....20818  
   seed.....29001  
   See also Carthamus.  
 Saffron. See Crocus,  
   saffron.  
 Sage.....1737, 1838, 6695  
 Sagebrush. See Artemisia.  
 Saica group.....8065, 8067  
 St. Augustine grass. See  
   Stenotaphrum.  
 St. Augustine (Trinidad).  
   Exot. Sta.....21258  
 St. Johnswort.....22989  
 Ste. Anne de la Pocatière.  
   École Supérieure  
   d'Agriculture.....27372  
 Saintpaulia.....6469, 6480,  
     26766  
 Saissetia oleae  
   control.....3523  
   parasites and predators  
   of.....3534, 18070, 23364  
 Salad dressings.....13182  
 Salad plants...6088, 20592,  
     26841  
 Salads.....5684, 9979, 20372  
 Salisbury, G. W.....17088  
 Salisbury (Southern  
   Rhodesia) Agr. Expt. Sta.  
     14686  
 Salisbury (Southern  
   Rhodesia) Plant Breeding  
   Sta.....1166  
 Salix.....10185  
   See also Willow.  
 Salix aurita. See  
   Willow, round-ear.  
 Salix babylonica. See  
   Willow, Babylon weeping.  
 Salmonella. 2331, 8709, 22254  
   in food.....19086, 28444,  
     28447, 28450  
   See also Salmonellosis.  
 Salmonella abortusovae.....  
     17189  
 Salmonella berta n. sp....  
     28447  
 Salmonella champaign  
   in poultry.....2772  
 Salmonella enteritidis....  
     4499  
   in cattle.....2456  
   in poultry.....22672  
 Salmonella montevideo.....  
     18417  
 Salmonella mombasa  
   in poultry.....2772  
 Salmonella pullorum..2761,  
     2787, 22665  
   See also Pullorum dis-  
   ease.  
 Salmonella schottmuelleri.  
     23541  
 Salmonella suispestifer....  
     17645  
   See also Hog cholera.  
 Salmonellosis.....14555  
   diagnosis.....22240  
   in cattle....7284, 12274,  
     17018  
   in poultry.....22684  
   in turkeys..12102, 17334,  
     22661  
   control.....2786  
   See also Fowl typhoid;  
   Pullorum disease;  
   Salmonella.  
 Salpingogaster.....28075  
 Salsola.....26230  
 Salt. See Sodium chloride.  
 Salt lands. See Reclama-  
   tion, salt lands.  
 Saltgrass, seashore. See  
   Distichlis spicata.  
 Salticidae  
   Sweden.....12579  
   See also names of gen-  
   era.  
 Salting. See Preservation  
   of food; and subheads  
   preservation, salted,  
   and salting under names  
   of products.  
 Saltmeter. See Potassium  
   nitrate; Sodium nitrate.  
 Salts. See Mineral salts.  
 Salvadoropsis n. g....5915  
 Salvia. See Sage.  
 Samanea saman.....16095  
 Sambo, Maria Cengia..29476  
   publications.....29476  
 Sambucus. See Elder.  
 Samia cecropia.....23477  
 Sampling. See Soils,  
   sampling; Statistics,  
   methods, sampling; and  
   under specific subjects.  
   an Antonio Chamber of  
   Com. Turkey Com....12201  
 San Diego Co-op. Poultry  
   Assoc.....8937  
 San Gabriel Valley Labor  
   Assoc.....4790  
 San José scale. See  
   Aspidiotus perniciosus.  
 SanCor (Argentina)...13394  
 Sand cherry. See Cherry,  
   Bessey.  
 Sand culture.....16180  
 Sand dunes.....1917, 11363  
   reclamation.....11381  
   Union of South Africa...  
     6896  
 Sand flies. See Culicoid-  
   es; Flebotomus.  
 Sangallo, Pietro Paolo  
   da., Esperienze Intorno  
   alla Generazione delle  
   Zanzare.....23320  
 Sanitation.....20497, 13123  
   See also under specific  
   subjects.  
 Sanninoidea exitiosa.....  
     20327, 25915  
   control..422, 3551, 20591,  
     23453, 28193, 28205  
 Sansevieria.....10733  
 Santapaella n. g....26285  
 Santonin.....21644  
 São Paulo. Instituto  
   Biológico.....23205  
 Sap.....15639  
 Sapodilla.....1333  
   pests.....18109  
 Saponins.....26464, 27327  
 Sapotaceae.....5942, 10452  
 Saprolegniaceae.....6226,  
     20964, 26466, 26535  
 Sarcophilus cecilliae  
   albus.....10929  
 Sarcoma  
   in dogs.2591, 11962, 17131  
   in poultry.....7486  
   in swine.....27834  
 Sarcophaga.....5822  
 Sarcophaga falcitata.23254  
 Sarcophaga phoenicurus  
   Villen. See S. rutilicilla  
   n. n.  
 Sarcophaga rutilicilla  
   n. n.....8015  
 Sarcophages. See Mange;  
   Scabies.  
 Sarcophaga scabiei suis....  
     23128  
 Sarcotachina.....5822  
 Saritaea n. g.....20688  
 Sarcophagus scoparius. See  
   Broom, Scotch; Cytisus  
   scoparius.  
 Sarskatchewan. Univ. Farm  
   Week.....5060  
 Sassafras.....11195  
 Sataspes.....12818  
 Sathrophyllia rugosa..3621  
 Saturniidae  
   Chile.....3606  
   See also names of gen-  
   era.  
 Saturnioidae  
   British Guiana....23475  
   Venezuela.....23475  
   See also names of  
   families and genera.  
 Sauerkraut....18830, 25258  
 Saunders, Edith Rebecca...  
     25195  
 Saurauia choriophylla n.  
   sp.....15382  
 Sauromatum guttatum..10930  
 Sausage.....15163, 18974-5,  
     24330  
   regulation and inspec-  
   tion.....8869  
 Saussure, Théodore de.5283  
 Sauva ants. See Atta.  
 Savory.....1838  
   oil.....19037  
 Saw-toothed grain beetle.  
   See Oryzaephilus  
   surinamensis.  
 Sawdust....2218, 5442, 11561  
   effect on  
   plants.....6956  
   soils.....11452  
   in soil improvement....  
     27120  
   utilization...2169, 11622  
 Sawflies. See Symphyta;  
   Tenthredinoidea; and  
   names of families and  
   genera.  
 Sawmills..2131, 2133, 11556,  
     11558, 16640, 22105,  
     25443, 27178, 27185,  
     27187  
   costs and returns..27186  
   equipment.....27188  
   Italy.....27189  
   portable....2134, 22103-4  
 Saws. 7031, 9826, 11579, 27179  
   maintenance and repair..  
     16644  
 Sawyer beetle. See  
   Monochamus.  
 Saxifraga.....26223, 26239  
 Saxifraga bursaria..1429  
 Saxifraga hirsuta....5940  
 Saxifraga oppositifolia...  
     26237  
 Say stinkbug. See  
   Chlorochroa sayi.  
 Scab  
   of apple 813, 866-7, 894,  
     10355, 10363, 15491,  
     15505, 15507, 20824,  
     20854, 20858-9, 26331,  
     26344, 26714  
   of barley.....85  
   of lima bean.....6113  
   of peach.....14776  
   of pear....10363, 15505,  
     20854, 26313  
   of potato.....15518  
   of Viola.....6134  
   See also Powdery scab;  
   and names of causal  
   organisms.  
 Scabies.....22966, 23106  
   control.....28004  
   See also Sarcophaga  
   scabiei.  
 Scaetta, H.....10427  
 Scald, of apple.1052, 25755  
 Scale insects. See  
   Coccidae.  
 Scalenarthrus.....17955  
 Scales, platform....24359  
 Scaly ant eaters. See  
   Pangolins.  
 Scaly bark (Californian).  
   See Psorosis, of citrus.  
 Scaly-leg mite. See  
   Cnemidocoptes mutans.  
 Scantiscus vicinus.23522  
 Scaptomyza graminum...3478  
 Scarabaeidae.12653, 20283-4  
   Chile.....12633  
   France.....5817  
   Italy.....23165  
   Peru.....12632  
   Sahara.....12663  
   See also names of  
   genera.  
 Scaramuzza, L. C....23241  
 Scatopse notata.....8002  
 Sceliphron caementarium...  
     23119  
 Schaefferia.....28231  
 Schinopsis balansae. See  
   Red quebracho, willow-  
   leaf.  
 Schistocerca gregaria....  
     12881  
   anatomy and physiology..  
     18162  
   Arabia.....8136  
   control.....12883, 28218



- | Item                        | Item                        | Item                       | Item                          |
|-----------------------------|-----------------------------|----------------------------|-------------------------------|
| Schistocerca gregaria--     | Sclerotinia sclerotiorum... | Seed Purchase Program..... | Seeds--Continued.             |
| Continued.                  | 15481                       | 14748                      | Union of South Africa...      |
| habits and behavior.....    | on orange.....20815         | Seed scarifiers.....9653   | 13925                         |
| 28213                       | on vegetables.....230       | Seed weighers.....12966    | U. S. S. R..10068,13926,      |
| Schistosoma nairi n. sp...  | Sclerotinia trifoliorum     | Seedbeds.....20427         | 18888                         |
| 22249                       | on clover.....15496         | diseases.....25808         | vernalization..990,1032,      |
| Schizaea pueilla.....10244  | Sclerotium                  | Seedlings.....5709         | 1065,6605,10573               |
| Schizocodon.....781         | on wheat.....20825          | diseases.....858           | 15653,20971,21007,            |
| Schizomphragma hydrangeoi-  | Sclerotium rolfsii          | equipment.....6402         | 26481                         |
| des.....21400               | on cinchona.....15475       | See also under specific    | viability.....10531           |
| Schizomphragma commune..... | on hedge plants.....26329   | subjects.                  | See also Embryos, plant;      |
| 15626                       | on jackbean.....15475       | Seeds...13924,21232,21235  | and under names of            |
| Schkuhria.....20698         | Scoloderus.....17884        | anatomy and physiology...  | plants.                       |
| Schmardaia recordiana n.    | Scolopendra subspinipes...  | 1056,10485,15606           | Selaginella.....6006,10247    |
| sp.....20688                | 17882                       | and plant disease...850,   | Selaginella helvetica....     |
| Schoenobius incertellus.    | Scolopendrium vulgare.6522  | 870,990,10302,             | 10922                         |
| See S. incertulas.          | Scolytidae                  | 15460,20275,25667          | Selenium.....21004            |
| Schoenobius incertulas....  | Africa.....12648            | bibliographies.....14889   | effect on plants...10517      |
| 3565                        | France.....12635            | biochemistry.....1094      | in plants.....25172           |
| Schoenoxiphium.....26205    | See also names of           | Canada...4632,4634,19120   | in soils....9737,25172,       |
| School lunches. See         | genera.                     | certified....5422,8957,    | 29457                         |
| Lunches, school.            | Scolytus multistriatus....  | 19125-6,21058,24492,       | poisoning...14904,22669,      |
| School Survey Act....29279  | 7927,20007                  | 24498,29008                | 25172                         |
| Schools.....102,5044,5081,  | Scolytus rugulosus...23153  | Chile.....10006,29008      | Selenocephalus.....23413      |
| 5085,5768,14378,            | Scopaeothrips.....18176     | cleaning, equipment....    | Selenophoma.....26291         |
| 14406,19583,19683,          | Scorpinida                  | 18260,23615                | Self-feeders..13092,13104,    |
| 20397,24916,24960,          | anatomy and physiology..    | court cases.....20146      | 23734                         |
| 29291,29299-300             | 12593-4,28012-14            | credit.....24626           | Seliodesema gemmaria.12816    |
| Argentina.....14416         | French East Africa.28020    | directories.....24560      | Semen. See Spermatozoa.       |
| Canada.....14425            | parasites and predators     | distribution.....8955      | Senecio.....5964,5976         |
| Manitoba.....24949          | of.....7884                 | equipment.....3722         | See also Groundsel.           |
| forestry                    | venom.....28009             | Germany...19128,24502-3    | Senecio congestus...15361     |
| bibliographies...25442      | See also names of           | germination...994,1001,    | Senecio sarracenicus.20684    |
| Illinois.....24925,29279    | families and genera.        | 1004,1009,1023,1030,       | Senecioviratne, A. C....17772 |
| Kansas.....29290            | Scott Report.....5725       | 1048,1747,5641,10568,      | Senna.....9014                |
| North Carolina.....24971    | Scours in calves.....7251,  | 10590,10629,15651,         | See also Cassia.              |
| postwar.....5330            | 7267,7276,7284,             | 20638,20962,21001,         | Sensitive fern.....20309      |
| statistics.....19575        | 7287,12274,18874,           | 21004,21014,21050,         | Separators. See Cream         |
| U. S. S. R.....9295         | 22393                       | 21099,26505,26532          | separators.                   |
| See also Lunches,           | control..7245,7252,17008    | grading and standardiza-   | Seplomus casuarinae n. sp.    |
| school.                     | See also Diarrhea.          | tion.....20638             | 7972                          |
| Schubartia singularis n.    | Scrapia.....12671           | Great Britain....14009,    | Sepsis lenta.....27493        |
| g., n. sp.....17901         | Scree.....21724             | 26022                      | Septic angina.....11704       |
| Schultz, Elisabeth...14671  | See also Rock gardens.      | harvesting.....26564       | Septic tanks...8355,13135     |
| Schuster, Miguel.....1573   | Screws.....18246,28261-2    | India.....24560            | Senticemia. See Sepsis        |
| Schweitzer, A.....12892     | Screwworms. See             | industry.....4633,8963     | lenta.                        |
| Schweizerische Schweine-    | Cochliomyia.                | legislation..4639,13923,   | Septoria. See names of        |
| verwertungsgenossen-        | Scrub typhus.....12560      | 19123-4,24497              | diseases.                     |
| schaft.....8865             | New Guinea.....17854        | marketing...14751,19122,   | Septoria angularis n. sp..    |
| Schweizerischer             | South Pacific Area.28007    | 24490                      | 6098                          |
| Weinbauverein.....8469      | transmission.....17883      | Missouri.....24496         | Septoria musiva.....26294     |
| Sciara.....3465             | Scurf pea, Malaytea...959   | Nebraska.....19123         | Septoria urticae-piluli-      |
| Sciastes.....12586          | Scutellaria.....26207       | New Zealand...8958,13922   | ferae.....26290               |
| Science.10064,14718,20610,  | Scutigeraella immaculata... | North Carolina....19124    | Sequoia sempervirens. See     |
| 23819,25222                 | 23118                       | Northwest.....24493        | Redwood.                      |
| U. S. S. R...20614,25217    | Scythes.....3687            | packaging.....29002        | Sergiolus.....28002           |
| Scirpophaga nivella...23500 | Scythris.....12837          | planting.....1296,16040    | Sericea. See Lespedeza,       |
| Scirpus tuberosus....5916   | Scytinogon.....15408        | by airplane.....10773      | Chinese.                      |
| Scirtes.....12671           | Sea-onion.....22266         | prices.....24498,29000     | Sericinus telamon             |
| Scirtothrips.....18176      | Seafood. See Fish.          | production.5474,13927-8,   | anderssoni n. ssp...23463     |
| Scirtothrips citri..3634-5  | Seaweed.....15334,18665     | 24498                      | Sericulture...23536,26056,    |
| Sclerospora graminicola.    | as feed.....24567           | purchase and sale          | 28228                         |
| See Downy mildew, of        | as fertilizer.....24567     | programs...14748,25357     | Bahamas.....18172             |
| millet.                     | as food.....24567           | quality.....685            | Brazil.....18165-6,28230      |
| Sclerotinia.....6088        | colloids.....6304           | regulation and inspec-     | Costa Rica.....3626           |
| See also names of           | utilization.....19167       | tion...253,4630-1,9671,    | Eire.....8141                 |
| diseases.                   | See also Algae; and         | 14873,20315,24496,         | history.....3624              |
| Sclerotinia bataticola      | names of seaweed.           | 24504-5                    | Italy...582,12890,18167       |
| on potato.....15497         | Sebaga.....17955            | respiration.....20962      | Kauai.....12886               |
| Sclerotinia fruticola. See  | Sechium edule. See          | situation and outlook...   | Palestine.....18170           |
| Brown rot, of peach;        | Chayotes.                   | 24498,29004                | Texas...8142,18171,23539      |
| Brown rot, of plum.         | Sedimentation..1955,16494,  | Spain.....29003,29005      | See also Bombyx mori;         |
| Sclerotinia fructigena.     | 16499,27009                 | storage.....24495,26560    | Mulberry; Silk.               |
| See Brown rot, of apple;    | Amazon River Basin..1781    | Sweden.....4635,24494      | Serositis fibrinosa..22880    |
| Brown rot, of fruit.        | bibliographies....14910     | testing.....5584,5890,     | Serpentine soils...26921      |
| Sclerotinia laxa. See       | Wildwood Canyon, Calif..    | 8958-60,10006,14869,       | Serres, Olivier de..14649,    |
| Brown rot, of apple.        | 25631                       | 24488,24499-501,29006      | 14659                         |
| Sclerotinia minor           | Sedum.....26193,26228       | equipment.....14869        | Serrades.....18142            |
| on bean.....15521           | Sedum palmeri.....1448      | treatment.833,836,10333,   | Serum.....16853               |
| on lettuce.....15521        | Seed dispenser.....28286    | 14890,15760,19800,         | analysis.....22252            |
|                             | Seed drills. See Drills.    | 20801,21714,24495          |                               |



- Serum--Continued**  
See also Blood, serum;  
 Immunization.  
 Servicemen's Readjustment  
 Act of 1944.....25273  
 Sesame.....10509-10,26075,  
 26648,26656  
 breeding.....6215  
 heredity.....20945  
 insecticides.....23425  
 oil.....13844  
 Sesamum.....949  
 Sesamum laciniatum...15596  
 Setaria. See Bristle grass;  
 Millet.  
 Setaria italica. See  
 Millet, foxtail.  
 Setomorphia rutella...12817  
 Seurat, L. G.....12604  
 Seventeen-year locust. See  
 Magicicada septendecim.  
 Sewage  
 as fertilizer.....11441  
 disposal....13125,13135,  
 18383,23307  
 Seward Forest, Va.....719  
 Sewing...19,389-93,397,410,  
 447,5606,9835,  
 15104,20381,20396,  
 25891  
See also 4-H Clubs, sew-  
 ing; Patterns (sewing).  
 Sewing cabinets.....464  
 Sewing machines.....388  
 Sex  
 animals.....7598,7625  
 characters  
 insects.....23293  
 determination  
 insects....3255,12857,  
 18146  
 differences  
 insects.....18000  
 insects.....12789,12893  
 organs, insect....12701,  
 28179  
 plants.....26467  
 poultry..2782,2800,22624  
See also Hermaphroditism;  
 Poultry, sexing.  
 Shade, effect on plants...  
 10518  
 Shannomyiolentus fragilis  
 n. g., n. sp.....17976  
 Shannomyia.....17970  
 Share farming, France.489,  
 29210  
 Shark-liver oil.....27276  
 Sharks.....29418  
 Shasta daisy. See Chrys-  
 anthemum maximum.  
 Shawnee State Forest,  
 Ohio.....1116  
 Sheddars.....13001  
 Sheds....3816,9919,18347,  
 28066,28371,28377,  
 28391  
 Sheep.....3032,5811,8841,  
 12289,17586,25609,  
 26044  
 adaptation.....17581  
 Africa.....13732  
 anomalies....17549,22836  
 Argentina...12299,17591,  
 27799,27802  
 Australia...2986,12231,  
 12277,12282,13726,  
 13733,17581,18926,  
 18950,22844  
 bibliographies....12289
- Sheep--Continued.**  
 breeds and breeding.....  
 2986,2994,5815,  
 7616-17,7624,12232,  
 12241,14779  
 22805,22810-11,22814,  
 22816,24082,27768-70,  
 28691  
 Biellese.....12233  
 Black-faced Highland..  
 22817  
 Columbia...5394,22806  
 Corriedale.12242,17541  
 Hampshire Down..12230,  
 12240,17535  
 Karakul...12245,12250,  
 12303,13732,13782,  
 17543,22807,22813,  
 22815,26040,27764,  
 27767  
 Leicester.....9963  
 Lincoln.....12238  
 Mandya.....12249  
 Merino.....7618,7626,  
 13739,27771  
 Delaine.....22808  
 Navaho Indians..17536,  
 24090  
 Polwarth.....12244  
 Rambouillet.5536,7623,  
 13739,22818  
 Romney Marsh...12239,  
 28685  
 Ryeland.....17542  
 Southdown.....27783  
 Canada.....8827  
 care...3027,17588,17594,  
 27795  
 seasonal...7648,22819  
 Chile.....12299,18907  
 Colombia.....12303  
 cooperatives.....22845  
 costs and returns..4954,  
 5763,14285,19482,  
 24822,24832-3,25903,  
 29230  
 culling.....17589,17592  
 dipping..3368,3453,7715,  
 17738,17890  
 diseases.....3012,12694,  
 14991,22825,27791  
 equipment.....3822  
 estrus.3007,17537,17552,  
 17567,22833,27785  
 farms and ranches..7644,  
 12300,22817  
 diversified.....17587  
 feeding and nutrition...  
 3012,22820,22822,  
 27777-8  
 deficiencies.....16958  
 pasture and range....  
 2998,7628-9,20891,  
 21287,27775,27779  
 seasonal...22819,22830  
 fertility..12246-7,17538  
 France.....12245,13734,  
 14285,17580,18903  
 Germany.....9968,27798  
 Great Britain...13465,  
 13728,18983,22811,  
 26051,27797  
 heredity.....2992,27763,  
 27766,27771,27774  
 history.....5813,12278,  
 12295,17579,22841  
 housing.....3816  
 Hungary.....13764  
 hybrids.....22807  
 identification....18742
- Sheep--Continued.**  
 India.....28691  
 industry.306,4429,13739,  
 17580,18922,24334,  
 29230  
 labor.....19262  
 injuries.....22830  
 Italy....571,12254,17582  
 judging.....12232  
 Libya.....22807  
 market reports....25572  
 marketing.....13789  
 Mexico.....17584  
 milk production...17582  
 Missouri.....27804  
 Montana.....17597  
 Mules' operation..12266,  
 22835,27787  
 New Zealand....12306-7,  
 24322  
 Ohio.....20438  
 Oklahoma.....17596  
 Palestine.....27764,27768  
 parasites....3011,3477,  
 5357,7717,12257,  
 14778,17975,23126,  
 23274,25911  
 poisoning....3004,11890,  
 12260,17547,17561,  
 17577,27906  
 pregnancy.....27794  
 prices.....9616,20150-1  
 programs.....3026,24963,  
 27770  
 records and testing....  
 17535,17578,22847  
 regulation and inspec-  
 tion.....12231  
 research.....8846,14784  
 shearing....3028-9,7645,  
 7651,12287,24959,  
 27796  
 shows and sales....22808  
 Sicily.....12302  
 situation and outlook...  
 4458,8604,  
 9114,13730  
 South America.....17542  
 Spain.....22813,22815,  
 26040,27767  
 spraying and dusting...  
 23270,27895  
 statistics....5672,9624,  
 28924  
 study and teaching....  
 17591,22842,  
 24919,24959  
 subsidies.19405-6,19936,  
 19936-7,24758,  
 25655  
 Switzerland...3025,22843  
 Texas.....8837,12278  
 U. S. S. R....3024,7616,  
 7620,22819,  
 26044,27769  
 Uruguay.....3893,4436  
 watering.....17545  
 weight and measurement..  
 17590  
 wool production...17578,  
 27769  
 effect of breeding....  
 2990,27772,27774
- Sheep--Continued.**  
See also Artificial in-  
 semination, sheep;  
 Feed; 4-H Clubs, sheep;  
 Furs, from sheepskin;  
 Furs, Karakul sheep,  
 Hides and skins, sheep;  
 Intubation; Lamb (meat);  
 Lambs; Milk, sheep;  
 Mutton; Rams; Veteri-  
 nary medicine; Wool;  
 and names of feeds and  
 of anatomical parts,  
 diseases, parasites,  
 and products.  
 Sheep botfly. See  
 Oestrus ovis.  
 Sheep bush, Australian.  
See Pentzia incana.  
 Sheep scab mite. See  
 Psoroptes ovis.  
 Sheep tick. See  
 Melophagus ovinus.  
 Shelby County (Tenn.)  
 Penal Farm....9195,19435  
 Shelling equipment...28309  
 Shelterbelts. See Wind-  
 breaks.  
 Shepherds.....17584,20613  
 Sherbets..4043,24035,24045  
 Shingles.....14847,23785  
 Shipping. See Transporta-  
 tion.  
 Shipunov State Farm,  
 U. S. S. R.....5314  
 Shock  
 in livestock.....2322  
 in rabbits.....7609  
 Shoe-polishing cabinets...  
 463  
 Shoes.....5690  
 Shops, farm....3678,3689,  
 8198,8204,9916,  
 9919,12950,12957,  
 12968,18342,18346,  
 18352,23607,23610,  
 23723,23748,28260,  
 28377  
See also Mechanics.  
 Shortia.....781  
 Shot-hole borer. See  
 Scolytus rugulosus.  
 Shows. See Exhibits; and  
under specific subjects.  
 Shrimps.....19163  
 Shrubs....1418,1503,6478,  
 6514,6580,9608,  
 16014,16041,16157,  
 21359,21389,21458,  
 21461,21552,26742,  
 26778,26785,26797  
 as feed.....1253  
 culture....185,1444,9632  
 diseases.....15539  
 espalliers.....21375  
 fertilizers.....16344  
 Germany.....21499  
 Great Britain....26811  
 in soil conservation.191  
 injuries.....21445  
 names.....20224  
 ornamental....1431,1487,  
 25682  
 pests.....12430,25682  
 planting....9632,10889,  
 10965,14880  
 propagation..6471,14732,  
 21403  
 pruning....10986,11001,  
 16100



- Shrubs--Continued.**  
 reproduction.....20894  
 varieties.....26769  
See also names of shrubs.  
 Shuttlers.....18348  
 Sibine stimulea.....23477  
 Sida.....26220  
 Sida, broom-jute.....15445  
 Sida rhombifolia. See  
 Sida, broom-jute.  
 Sityma.....12597  
 Siebold, Philon Franz  
 von.....25204  
 Sigara camerounensis n.  
 sp.....8059  
 Silage...13120, 16766, 26034  
 alfalfa, for cattle.....  
 22368  
 analysis and composi-  
 tion.....7126  
 beet.....22195  
 coffee pulp.....22212  
 corn.....22181, 22214  
 for cattle.....16957,  
 22368  
 for cattle.....16946  
 grass.....252, 2269, 2279,  
 7132, 16936, 20461,  
 27281  
 grass and legume.....2249  
 hay.....276  
 India.....22216  
 juice, as fertilizer....  
 21998  
 legume.....2739  
 nutritive value....2996,  
 7124, 7126, 7229,  
 8514  
 potato.11644, 22198, 27286  
 for poultry.....7462  
 preparation.....370, 569,  
 2280, 2440, 7118,  
 7124, 7134, 11650,  
 11660, 11663, 11686,  
 13110, 16750, 16757,  
 16946, 22204, 22207,  
 22209, 22216, 27269-70,  
 27287, 28395  
 preservation.....16744  
 salting.....11680  
 sorghum.....7236, 11673  
 storage.....28395  
 sugar-beet.2268, 27269-70  
 sugar-beet tops....28395  
 Sweden.....16758  
 Silene armeria.....16089  
 Silesia.....28035  
 Silica, insecticides.23160  
 Silica gel.....3910  
 Silicates, in soils..11151  
 Silicon.....27097  
 Silis.....12691  
 Silisdiscodon.....12691  
 Silk.....4236  
 dyeing.....24129  
 Great Britain.....28705  
 South America.....10043  
 yarn.....24081  
See also Sericulture;  
 Spiders, silk.  
 Silkworms. See Anthraea  
 pernyi; Bombyx mori.  
 Silky cane weevil. See  
 Metamasius sericeus.  
 Silos.....3834, 3838, 4389,  
 5772, 13110, 13120,  
 23759-60, 26034, 28398  
 construction.....3833  
 prefabricated.....28397
- Silos--Continued.**  
 trench.3830, 13112, 18869,  
 18372  
 Silpha opaca.....23201  
 Silver leaf  
 of fruit.....10379, 26351  
 of plum.....15484  
 Silverfish. See Levisma  
 saccharina.  
 Silverleaf tree. See  
 Leucadendron, silver.  
 Silverware.....15094  
 Silviculture....1106, 1114,  
 10650, 26062  
 coppice system....21035,  
 22067  
 Germany.....10657, 10667,  
 15735, 21032, 21046,  
 22011, 22046  
 Great Britain.....21027  
 Hungary.....11490  
 Italy.....10658, 15743  
 Peru.....26181  
 sample plots..1112, 1127,  
 9605  
 Switzerland.....11519  
 Tronics.....21033, 21040  
 Yugoslavia.....11489  
See also names and  
classes of trees.  
 Silvilius nuttallii.23108  
 Simuliidae  
 and disease..8000, 18004  
 18044  
 Western Hemisphere.18005  
See also names of gen-  
era.  
 Simulium  
 habits and behavior....  
 23246  
 larvae.....28089  
 Mexico.....28099  
 parasites and predators  
 of.....23247  
 Simulium arcticum....28084  
 Simulium venustum....23275  
 Sinningia.....6169, 12422,  
 21351  
 Sinningia speciosa...1526  
 Sinox (herbicide)...5531,  
 16251  
 Sinusitis, in turkeys....  
 27608  
 Sipha flava.....7740  
 Siphonaptera.....17735  
See also Fleas; and  
names of families and  
genera.  
 Siphonodon.....10197  
 Siphonodontaceae. See  
 Capusiaceae.  
 Sirups...18422, 20236, 29029  
 analysis and composi-  
 tion..13186, 28529, 28537  
See also under specific  
subjects.  
 Sisla.....18674, 24137  
 as feed for cattle.16951  
 Mexico.....4154, 18661  
 Peru.....21108  
See also Agave.  
 Sisicottus.....23099  
 Sisyrinchium angustifolium.  
 10216  
 Sitodiplosis mosellana....  
 19890  
 Sitona cylindricollis....  
 3419, 25866  
 Sitona lineatus.7934, 12657  
 Sitophilus.....12685
- Sitophilus granarius.....**  
 22973, 23155  
 control.....23159-60  
 Sitophilus oryza  
 anatomy and physiology..  
 3390, 23141  
 control.....17939  
 genetics.....3413  
 Sitotroga cerealella.3123,  
 8096  
 Sitticus tullgreni n. sp..  
 12579  
 Six-day chick disease.7484  
 666. See 1, 2, 3, 4, 5, 6  
 Hexachlorocyclohexane.  
 Six-spotted leafhopper.  
See Macrosteles divinus.  
 Size for building  
 materials.....12417  
 Size for fabrics.....4690  
 Skaraborge Läns Lantmäns  
 Centralförening....19837  
 Skeleton grass. See  
 Gymnopus.  
 Skeletonweed.....21639  
 Skin diseases  
 in horses.....22571  
 in man.....5196  
 in swine.....12336  
 therapy.....16821  
 Skins. See Hides and  
 skins.  
 Slag....6937-8, 11436, 16542  
 Slaughterhouses....11764,  
 25691  
 Argentina.....16868  
 France....11765-6, 13762,  
 13797  
 India.....7191  
 Poland.....7189  
 U. S. S. R.....7189  
 Slaughtering...2348, 7187,  
 25606  
 Great Britain.....28472  
 Italy.....13779, 24356  
 regulation and inspec-  
 tion...5487, 9630, 9651,  
 11766, 25500, 28472  
 statistics...19939, 28860  
 waste...4517, 13762, 18974  
 as feed.....22199  
 for poultry...22866  
See also under names of  
animals.  
 Sleeping sickness. See  
 Encephalitis; Encephalo-  
 myelitis; Encephalomyeli-  
 tis; equine; Encephalomye-  
 litis, infectious avian.  
 Sleeping sickness, African.  
 23262, 28067  
 transmission.....28076  
 Slide rules.....22078  
 Sloan Comm. of Enquiry in-  
 to the Forest Resources  
 of Brit. Columbia.16565,  
 27127  
 Slugs....7748, 12413, 27864  
See also names of gen-  
era.  
 Smaller European elm bark  
 beetle. See Scolytus  
 multistriatus.  
 Smallpox.....19577  
 Smaragdesthes delislei n.  
 sp.....12659  
 Smilacina.....5938  
 Smith, H.....26193  
 Smith, Kemp L.....16647
- Smoke injury**  
 to plants.....845  
 Smokehouses.....28386  
 Smut  
 flag, of rye.....6132  
 of barley...10333, 15501,  
 15506, 15511  
 of corn.....20850, 26367  
 of feathergrass.....874  
 of grain.....15503  
 of grass.....10346  
 of needlegrass.....874  
 of nutgrass flat-aedge..  
 20819  
 of oats.....6099, 26345  
 of onion.....15478  
 of ricegrass.....874  
 of sorghum.....15495  
 of sugarcane...879, 6090,  
 6115, 26326, 26350  
 of wheat....6125, 10329,  
 10345, 10348, 20862,  
 26345, 26356, 26575  
See also names of smuts  
and causal organisms.  
 Snails.....12413  
 control.....25182  
See also Theba pisana.  
 Snakeweed.....15022  
 Snandragon.....1477  
 Snelgrove, L. E....12526,  
 12532  
 Snow....6850, 16420, 16434  
 surveys.....202, 14914,  
 15606, 25634-5  
 Soap.....4551, 12582  
 insecticides.....17714  
See also K (soap).  
 Sochinskaja Opytnaja  
 Stanitsa.....9516, 20606  
 Social conditions  
 Brazil.....19204, 24969  
 Dominican Republic.14398  
 India.....4711  
 Japan.....24608  
 Kansas.....24907  
 Latin America  
 bibliographies....25185  
 Mexico.....29072  
 Mississippi.....14013  
 Netherlands East  
 Indies  
 bibliographies....671  
 Northern Rhodesia..26002  
 Panama.....14424  
 Peru.....20477  
 South Carolina.....9893  
 Southwestern States....  
 20608  
 Uruguay.....20477  
 Venezuela.....25976  
 West Indies.....4717  
See also Cost and  
standard of living;  
Health; Rural life;  
Soil erosion, social  
effects; Youth,  
welfare.  
 Social groups  
 Canada.....5023  
 Germany.....14369  
 Indians (Punjab), in  
 U. S.....9285  
 Southern States....14318  
 Tennessee.....19612  
 Social organization  
 Germany.....20507  
 Social security.5058, 5111,  
 9283, 20485  
 Cuba.....5324



- Social security--Continued.**  
for farmers. 19246, 24642, 26544  
Great Britain.....9860  
Southern Rhodesia..19247  
Union of South Africa... 19247  
See also U. S. Federal Security Agency.
- Social welfare**  
Cuba.....29295  
France.....14371, 14413  
Italy.....14079, 19416  
Latin America.....20510  
Mexico.....24902  
Tronics.....14063  
Uruguay.....5062, 19637  
See also Children, welfare; Health, services; Youth, welfare.
- Sociedad Nacional de Agricultura (Chile).....**  
9333-4, 19324
- Sociedad Rural Argentina.....**  
11775, 29481
- Sociedade Rural Brasileira.....**  
13539
- Società Agricola Industriale di Etionia... 14458**
- Società Agricola Italo-Somala.....**  
14459
- Società del Cavallo da Tiro Pesante.....**  
17207
- Société Co-operative Agricole de Grains et Moulées de Coaticook (Canada).....**  
4396
- Society of Amer. Florists.....**  
21487
- Society of Amer. Foresters.....**  
9991
- Society of Dairy Technol.....**  
13349
- Sociology....** 5026-8, 19558, 24903  
study and teaching..... 5057, 25395
- Sod. See Turf.**
- Sodium, effect on**  
plants.....2029, 11413, 27092  
soils.....11413, 21861
- Sodium bisulfate.....**  
22508
- Sodium carbonate....** 12627, 17958, 28034  
insecticides.....23200
- Sodium chloride.....** 24569  
as fertilizer....21961-2  
in animal nutrition.... 7131, 7238, 11850, 16763, 16971  
in poultry nutrition.... 12079  
poisonous to livestock.. 17561, 27828  
preservative. 7132, 11680, 11682, 11685, 28915
- Sodium chlorite.....**  
27237
- Sodium citrate.....**  
22256
- Sodium cyanide..** 6256, 6922, 6931  
effect on soils.....6756
- Sodium fluoride.....** 5388, 12874, 17636-7
- Sodium fluosilicate... 7047**
- Sodium humate.....**  
6753
- Sodium hydroxide... 4241-2, 8244**
- Sodium hypochlorite.. 13428**
- Sodium mannoglycerate.. 6292**
- Sodium monofluoroacetate... 10291**
- Sodium nitrate**  
effect on  
plants.....26482  
soils.....21954  
fertilizers...2024, 9719, 9738, 21946, 21955, 21958, 21960  
poisonous to livestock.. 16974  
situation and outlook... 20602
- Sodium pentachlorophenate.. 11056**
- Sodium propionate....**  
28645
- Sodium selenate..** 3124, 17707
- Sodium silicate.....**  
13882, 24454  
See also Water glass.
- Sodium thiosulfate....**  
28004
- Sodium trichlorophenate... 17547**
- Soft scale. See Coccus hesperidum.**
- Soil amendments.....**  
21934
- Soil and Moisture Conserv. Program (Dept. of Interior).....**  
667
- Soil conservation..** 110, 189, 199, 212, 667, 1799, 1952, 1960, 1969, 1977, 1982-3, 1987, 1992, 2095, 5474, 5864, 6892-3, 6901-2, 6910-11, 6913, 9631, 9865, 10048, 11315, 11335, 11360-2, 11380, 11382, 14901, 14909, 14915-16, 15037, 15062, 15298, 16287, 16315, 16496, 16514, 20203, 20454, 20604, 21892, 21901, 21908, 21911, 21919, 21922, 25241, 25632, 25637, 25639, 25964, 26987, 27048, 27067, 27904  
associations.....11264  
Australia....1972, 11370  
Victoria...21921, 26093  
bibliographies.....25630  
California....6898, 21915  
Canada.....1963, 1993  
Ontario.....21858  
Colombia.....16486  
conferences and congresses....1978, 20213, 20223  
cooperative.....6897  
costs and returns...6905  
credit.....9069  
districts. 194, 1958, 1961, 1975, 11365, 21888, 25456, 25638, 25727, 27068  
equipment.....1967, 3721, 23602  
Georgia.....6906  
Hawaii.....21905  
India.....1967  
Indiana.....9638  
Kansas.....16518  
Latin America....11358, 16496  
legislation..11356, 11370  
Massachusetts....11356, 21890, 21907  
Michigan.....25912
- Soil conservation--Continued.**  
Mississippi.....16485  
Montana.....21888  
New Mexico.....21889  
New Zealand.....21740  
Northeastern Region.... 20214  
Northern Great Plains... 20215  
Ohio.....6889, 9638  
Oklahoma.....5545  
Pacific Region....20216  
Pennsylvania.....11364  
programs....16489, 21896, 27061-2  
Puerto Rico.....9582  
research....9638, 14784, 14919  
South Carolina....16487  
Southern States..1954-6, 20217, 21912, 25636  
Southwestern Region.... 20218, 20221  
study and teaching..196, 201, 14911, 14919, 20212, 27058-9  
Tennessee Valley...21891  
Union of South Africa... 1953, 1968  
U. S. S. R.....1978  
Upper Mississippi Region.....20219  
Virginia.....16488, 29510  
Western Gulf Region.... 20220  
See also Conservation farming; Contour farming; Cover crops; 4-H Clubs, soil conservation; Ponds; Reclamation; Soil erosion; Strip cropping; Terracing; U. S. Dept. of Agr., Soil Conserv. Serv.; and names of soil conservation districts.
- Soil erosion..** 20, 1979, 1981, 1988, 1991, 1996, 6891, 6899, 6904, 6907, 11281, 11388, 15012, 16420, 16505, 16509-10, 16515-16, 20203, 21918, 25489, 27051-2, 27181  
Africa.....6900  
Argentina.....16491  
Australia....1994, 1998, 27070-1  
South Australia..1973, 1990, 11363, 21903  
Victoria...1999, 26093  
Western Australia. 1997  
Brazil.....16503, 21914  
British Colonies...16513  
California.....1957  
China.....1980  
Colombia.....11383, 21923  
control..1951, 1966, 1971, 6848, 11354-5, 11368-9, 11376-7, 14903, 15059, 16500, 16508, 21895, 21906, 25841, 26961-2, 26996, 27050, 27057
- Soil erosion--Continued.**  
control--continued.  
by planting. 1970, 1974, 1994, 6912, 11523, 16490, 16507, 16517  
Colorado.....15816  
engineering methods... 21924  
India.....21916  
New Zealand.....27056  
France.....21894  
India.....16511, 21898  
Massachusetts.....11357  
Missouri.....22  
New Zealand...1986, 6890, 10046, 11387, 21740, 21893, 27066  
Palestine.....6895  
Pennsylvania.....27055  
research.....11367  
social effects....11374, 20206, 20604  
South Africa.....11371  
Southern States....1955  
Syria.....11379  
Tunisia.....21900  
Union of South Africa... 6887, 6914  
U. S. S. R.....27049  
Ukraine.....27069  
See also Raindrop erosion; Runoff; Sedimentation; Soil conservation; Stream-bank erosion; U. S. Dept. of Agr., Soil Conserv. Serv.; Wind erosion.
- Soil science....** 1797, 10056  
associations.....11119  
Mississippi.....16293  
technique and equipment. 11120, 14902  
U. S. S. R..11118, 11310, 26886
- Soilless culture....** 1072, 6401, 6661, 10133, 10924, 11048, 16217, 20166, 21243  
armed forces..11019, 11031  
See also Nutrient solutions for plants; Sand culture.
- Soils....** 1796, 5862, 10060, 11216, 16362, 20207, 26922, 26932-3, 26935  
acid....1453, 1890, 16304, 21706, 26902  
aeration. 1763, 6246, 6774, 11129, 16406, 26891  
Afghanistan.....26934  
Africa.....10044, 16323  
alkaline. 1749, 6291, 6760, 6829, 11146, 16433, 16452, 16456, 26888  
alluvial....11124, 11153, 11199, 26923  
Amazon River Basin..1781  
analysis....1741, 1754-5, 1760, 1762, 1792, 6742, 6744, 6746, 6751, 6759, 6766, 11124, 11126, 11143, 11147, 11152, 11154, 11159, 11161-2, 16294, 16302-3, 21699, 21707, 21709, 26902, 26904, 26907  
technique and equipment...6749-50, 16300, 21694



Item	Item	Item	Item
Soils--Continued.	Soils--Continued.	Soils--Continued.	Soils--Continued.
Argentina.....19815	fertility--continued.	moisture--continued.	temperature.....11131,21692,
Asia Minor.....1787	16364,16374,16387,	9661,11122,11125,	26895
Australia	16397,21766,21779.	11132,11301,11312,	Tennessee.....29286
Victoria.....26093	21788,21814,21834.	16285-7,16420,16511,	terminology.....20174
Western Australia..1751	25850,26942,26953,	21691,21729,21837,	tests..1757,6747,6754-5,
bacteria.....1768,1770,	26958,26961-2,	25241,26887,26890	16297,16301,20300,
6922,11179,25189	26969,27098	determination....6733,	21708,25719
base exchange..1752,1758,	Florida.....228	6739,16290,21687	Texas.....1859,6824
1761,1764,6743,11148,	formation...1777-8,1783,	effect on plants..1499,	texture.....16288,21688
11157,11165,16298,21702,	1786-7,1795,1798,	6276,10537,11123,	Trinidad.....11125
21705-6,21709,26900	1812,5523,6782,	15468,16312,20980,	tropical.....10072
Basque Region.....11204	6784-5,11156,11193,	21686	Union of South Africa...4933
Belgian Congo.....21920	11195,11202,16318,	Mongolia.....26920	U. S. S. R....6823,11140,
Belgium.....26929	21734,26923	Nebraska.....1790,20300,	11164,20605
Brazil.....16381,21688	France.....11124,11126,	25752	Amur Region.....26936
Bulgaria.....16285-6	11153,11186,11194,	New Caledonia.....26921	Caspian Region...26930
Cameroons.....11205	11196-9,11207-8,11211,	New Zealand...1765,1780,	Ural Region.....26926
Canada.....26906	11213,11251,14622,	11206,27066	Uruguay.....1792
Alberta....16322,21733	16318,21735,26958	nitrogen fixation.....	Venezuela.....26095
Central America....11212	Limagne.....21737	11409-10,21715	water-holding capacity..25831
chalk.....21027	Picardy.....21736	nomenclature..26925,26927	weight.....16284,21690
chemistry...11153,16291,	Vimeu.....21790	North Africa.....11215	See also Conserva-
21700,25752,26901,	French Colonies...10044	Northern Ireland...11214	tion farming;
26906,26911	French Indochina...10044	nutrition relationships.	Contour farm-
Chile.....29440	Germany.....1760	4405,11183,16315,	ing; Cover crops;
China.....26928	Great Britain....26107	16331,16347,21908,	Drainage; Fertilizers;
classification....1794,	heating.....6775	26990	Forests, soils; 4-H
6781,6785,11186,	hydrogen-ion concentra-	Ohio.....1849	Clubs, soil conserva-
11210,21730,26121,	tion.....1758-9,1763,	Oklahoma.....5655	tion; Frozen lands;
26925,26927	6756-7,11163,16292,	Oregon.....16385	Humus; Irrigation;
clay.....6791,25744	21709,26897,26910	organic matter..722,414,	Lysimetry; Minerals;
clods.....16289	Illinois.....6754,9638,	1858,1863,1878,	Plants, indicator;
colloids.....1756,11169,	25723-4	6805,11127,11271,	Reclamation; Runoff;
26894,26903,26908	India..10009,11224,16291,	11282,16383,16405,	Sedimentation; Soil
Colombia.....16321,25216	16324,21693	21712,21738,21795,	conservation; Soil
color.....11126	Indiana.....9638,14979	21995,25831,25837,	erosion; Strip crop-
conferences and con-	Iran.....1784,26931	25852,26888,26911,	ping; Terracing;
gresses.....1835	irrigated.....1740	26917,26976,26992,	Tillage; U. S. Dept.
Cuba.....11200,16317	Italy.....11121	27050	of Agr., Soil Conserv.
deficiencies.....6824	Ivory Coast.....16320	Palestine.....1789,26938	Serv.; Wind erosion;
deterioration..1991,1996,	leaching.....9672,21696,	permeability..1742,1808,	Windbreaks; and under
11275,16336,	27082	1940,6735,6738,	names of plants, soil
16342,26958	Libya.....16296,24592	11128,16286,21861,	constituents, and
Ecuador.....19178	management..1802-5,1807,	26891-2	kinds of soil.
effect	1809-10,1823,	physics.....1743-4,1746,	Soja hispida. See Soybeans.
of plants...6697,6809,	1828,1834,1836,	11133,15012,21685,	Solanum...952,10645,26385
25833,25953,	1849,1860,1886,	21695,25752,27080	Solanum demissum....10547
26900,26906	1907,1954,1960,	research.....29462	Solanum elaeagnifolium.
of slope...26889,26962	1984,6789-91,6823,	Rhode Island.....15010	See Nightshade, silver-
on animals.....25953	6913,9728,10051,	Rhodesia.....11203	leaf.
on health...1843,1859,	11223-4,11249,14982,	Sakhalin.....14024	Solanum melongena. See
6770,11270,11280,	16325,16327,16329,	saline...1919,1941,1946,	Eggplant.
16347,16391,16396,	16399,16406,20454,	11217,11310,11321,	Solanum muricatum. See
16400,16403,21787,	21743,21747,21760,	16448,21860,25265,	Pepino.
25953,26952,26969	21777,21920,25830,	26930,26937	Solanum racemigerum..15606
on livestock....6788,	25832,25912,26092,	sampling.....1793,6780,	Solanum tuberosum. See
6792,6794,7546,	26944	21703,25816,26924	Potatoes.
12015,21811,22243	Canada.....26939	sandy...6736,6738,26918	Solar radiation.....8348
on plant disease..6784,	New Zealand.....21740	sanitation.....2000,	as cause of disease....27489
26917	Palestine.....26938	6919-21,11392,14726,	effect on
on plants.....834,995,	Sahara.....21742	14892,15537,16521-3,	insects.....23498
1748,1813,1843,	tests.....25692-710	21925,26380,27076-7	livestock.....22422
1859,1867,10565,	Union of South Africa.	equipment.....21926	soils.....21692
11186,11188,11191,	26940	Sardinia.....11217	Solenopsis molesta....3536
16303,16314,16360,	maps...1797,11210,21735,	solutions.....1761	Solidago.....744
16400,16429,21724,	26922,27066	Spain.....6779	See also Goldenrod.
26946	Africa.....1791	structure.....1748,1769,	Solonetz soils.....16322
on seeds.....1747	Massachusetts.....21734	6773,6783,9638,	Solugidae
electric properties..1761	microbiology....1768-9,	11121,11129-30,	anatomy and physiology..12585
Europe.....1788	1772,1782,6785,	26896,26929	See also names of gen-
fauna.....3099,7744	11173-5,11180,	surveys	era.
fertility.....1746,1802,	11408,16305,21712,	California.....25483	Solubea poecila (Dallas)..3517
1811-13,1835,1840,	21719,26914	Canada.....6786	Solubea nostposita
1846,1851,1864,	Mississippi.....25744	Indiana.....14893	Bergroth. See S. poecila
1866,1871,1877,	Missouri.....20406	Kentucky.....20167	(Dallas).
1875,6803,6807,	moisture...183,199-200,	Minnesota.....5475	
6810,6812,6818,	202,1748,1883,1894,	Missouri.....20176	
11153,11230,11234,	5703,6737,6740,	Oregon.....25766	
11284,11294,14917,	6773,6805,6872,	Virginia..14891,20173,	
(See next column)	(See next column)	25485	



- | Item                        | Item                               | Item                                  | Item                        |
|-----------------------------|------------------------------------|---------------------------------------|-----------------------------|
| Songs.....20419             | Southwestern corn borer.           | Soybeans--Continued.                  | Snices....3985,8473,11086,  |
| See also Christmas, carols. | See <i>Diatraea grandiosella</i> . | prices.....25295                      | 13327,15182,18527,          |
| Sonification, insect.8021,  | Southwestern R. O. P.              | processed...14568,24429,              | 21680,23948,26083,          |
| 8108,23487,23528            | Club.....17524                     | 24438                                 | 28553                       |
| Sooretama n. g.....17894    | Southwestern Range and             | products....28949,28957,              | analysis and composi-       |
| Sooty stripe, of sorghum.   | Sheep Breeding Lab..24090          | 29051                                 | tion.....13279,13292        |
| See Leaf spot, of sorghum   | Sowing. See Seeds, plant-          | purchase and sale                     | Hungary.....13988           |
| Sophora, Texas.....1468     | ing.                               | programs.....25357                    | Sniders.....12584,17898     |
| Sophora affinis. See        | Sowthistle.....26441               | regulation and inspec-                | anatomy and physiology..    |
| Sophora, Texas.             | Soybeans...4542,5359,5370,         | tion.....25571                        | 17857                       |
| Sophora secundiflora.15597  | 9552,13840,19034,                  | seed.....5526                         | Florida.....17858           |
| Sorbitol.....24387          | 24410                              | situation and outlook...              | folklore.....17856          |
| Sorbus.....5954             | analysis and composi-              | 25295,28930,28941,                    | France.....12566            |
| Sorcostia.....3603          | tion...4558,8904,8907,             | 28944                                 | Great Smoky Mountains       |
| Sorghum.....6329            | 19031,19043,24426                  | sprouted, as feed                     | National Park....23099      |
| anatomy and physiology..    | anatomy and physiology..           | for poultry.....27594                 | habits and behavior.....    |
| 15676                       | 9536,9566,9720,                    | statistics.....9560                   | 12377,12556,15312,          |
| anomalies.....20908         | 11662,13847,15675,                 | storage.....28394                     | 17853,27997                 |
| Argentina.....15832         | 20651,26486                        | utilization...628,4541,               | Île d'Yeu.....27994         |
| as feed.....2450,8807       | as feed....11662,11670,            | 13860,18995,25295                     | marine.....17851            |
| for cattle.....11825        | 27279                              | varieties....1261,5519,               | Maryland.....12586          |
| for lambs.....22824         | for cattle.....27390               | 25729                                 | parasites and predators     |
| for swine.....12329         | for poultry.....7458               | vitamins.....14594                    | of.....17877,23119          |
| biochemistry.....10537      | for rabbits.....27746              | yields.....10794                      | silk.....3375               |
| breeding.....6216,15613     | Australia.....24450                | Spain. Servicio Nacional              | study and teaching.17893    |
| culture...1145,6335,6354    | Belgium.....26654                  | del Trigo.....28851                   | Sweden.....23131            |
| diseases...15495,20303,     | biochemistry.4531,15729,           | Spanish moss. See                     | taxonomy.....17906          |
| 26327                       | 26546                              | Tillandsia, treebeard.                | Tennessee.....7892          |
| drying.....15024            | Brazil.....19035                   | Spargaxis.....21515                   | webs.....23105              |
| effect on soils....21731    | breeding.....26659                 | Sparganium ramosum...7995             | See also names of fam-      |
| forage plants.1233,1238,    | Bulgaria.....15863                 | Sparganothis villeriana...23465,23484 | ilies and genera.           |
| 15848                       | Canada.....6385                    | Spark plugs....13053,18309            | Spigelia, pink root..26869  |
| futures.....25363           | Colombia.....15867                 | Sparrows.....823                      | Spigelia marilandica. See   |
| harvesting.....3735         | credit.....19991                   | Spartina.....10215                    | Spigelia, pink root.        |
| equipment.....3735          | culture.628,1262-3,6660,           | Spartina alterniflora.5974            | Spilarctia.....18117        |
| Italian East Africa.....    | 10528,10794,10797,                 | Spartium junceum. See                 | Spilomicrus.....23428       |
| 10682,10686                 | 13860,26653                        | Weavers-broom.                        | Spilosoma.....18117         |
| Italy.....10700             | defoliation.....10780              | Spatheostylis n. g.....3603           | Spinach.....11036           |
| Palestine.....6325          | diseases.....6118                  | Spaying. See Castration.              | anatomy and physiology..    |
| seed.....10300              | effect on soils...25717,           | Speas Horticultural Farm              | 10499,20937                 |
| sirup.....19135             | 25846                              | (Mo.).....21244                       | dried.....18845             |
| utilization.....24289       | Egypt.....1260                     | Species, origin.....14615             | for processing....13629     |
| varieties....1140,1157,     | Europe.....13878                   | See also Evolution.                   | nutritive value....14611    |
| 10712,15613,20276           | fertilizers.....21797              | Spectrography.....8444                | varieties.....6655          |
| See also Broomcorn;         | flour..8918,14584,18986,           | Specularia.....26209                  | Spinacia. See Spinach.      |
| Durra; Silage, sorghum.     | 24418,28937                        | Spelaeogastrura n. g.....             | Spinisotoma ephippiata n.   |
| Sorghum vulgare. See        | forage plant..1265,10797           | 28231                                 | sp.....8144                 |
| Broomcorn.                  | France.5857,10781,10795,           | Soelaeniscus sahariensis              | Spinning. See under Cotton; |
| Sorrel.....6660             | 13877-8,15862,                     | n. sp.....7903                        | Rayon; Wool.                |
| Sorrel, sheep.....11059     | 21197,26650                        | Soleotettix n. g.....8133             | Spinturnix vespertilionis.  |
| Sowb.....598                | germination.....1046               | Spergon.....2598                      | 23111                       |
| dried.....18473             | glue.....20164                     | Spermatophores.....23424              | Soiraea.....16132           |
| South African Cane          | harvesting...13026,26653           | Spermatozoa....2407,7210,             | Soirembolus.....17861       |
| Growers' Assoc.....4665     | heredity.....974                   | 11632,22224                           | Spirochaeta anserina.23098  |
| South African Inst. for     | Honduras.....10793                 | cattle.....11773,16886,               | Spirochaeta gallinarum....  |
| Med. Res.....29454          | hybrids.....26566                  | 16896,16918                           | 17871                       |
| South African Zoological    | industry...28952-3,28955           | goats.....17540                       | Spirochetes.....7177-8      |
| Survey.....28018            | injuries.....26310                 | preservation.16735,16918              | in poultry.....17311        |
| South Australian Apiar-     | irrigation.....14962               | Speyeria.....28180                    | Spirocid-Natrium....12113   |
| ists' Assoc.....12480       | Italy.....8901                     | Sphacelia.....803                     | Spirostreptidae.....17894   |
| S. Dak. Reclamation Assoc.  | meal.....288,24438                 | Sphaceloma.....868                    | See also names of           |
| 16450                       | as feed.....25738                  | Sphaeroderma rubidum.23168            | genera.                     |
| South-Wide Conf. of State   | for cattle.....11829               | Sphagnum.....1296,16040               | Spleen, of ruminants.16800  |
| and Dist. Supervisors of    | for poultry.....7458,              | Sphacidae                             | Splenomegalia               |
| Ext. Work with Negroes...   | 17279,17289,                       | Madagascar.....15225                  | in swine.....12338          |
| 20026                       | 22652                              | See also names of gen-                | Splints                     |
| Southeastern Minn. Farm     | for swine..12327,22868             | era.                                  | in horses.....2653,11999    |
| Managt. Serv...24797,29229  | nutritive value...5825,            | Sohecolidea.....23438                 | Spoil banks                 |
| Southern armyworm. See      | 19413,13877,                       | See also names of fam-                | reclamation.....11222       |
| Prodenia eridania.          | 19782,29399                        | ilies and genera.                     | Spongopora subterranea.     |
| Southern Oregon Sales,      | oil...13835,13877,24384,           | Sphenoptera ardua...12677             | See Powdery scab, of        |
| Inc.....4313                | 24438,28932,28935,                 | Sphenoptera sinuosa..12683            | potato.                     |
| Southern vine beetle. See   | 28951                              | Sphenoptera veyreti n. sp.            | Sporobolus asper....20712   |
| Dendroctonus frontalis.     | as feed.....25738                  | 12673                                 | Sporobolus flexuosus.15731  |
| Southern Railway Co..20227  | chemistry.....24423                | Sphingidae                            | Spotted wilt                |
| Southern star. See          | quality.....13851                  | Great Britain.....18132               | of tomato....9658,20273     |
| Oxyptalum caeruleum.        | regulation and inspec-             | Java.....12818                        | Spray irrigation. See       |
| Southern States Coop..5147  | tion.....9651                      | See also names of fam-                | Irrigation, overhead.       |
| Southwest Flaxseed Assoc..  | utilization.....8891               | ilies and genera.                     | Spray pumps.....5598        |
| 18741                       | pests..23486,23504,28206           | Sphongothorus.....23398               | Sprays and spraying..3154,  |



- Item**  
 Sorays and spraying--  
 Continued.  
   by airplane..6287,18097,  
     18137,22931,23469,  
     25374,27882,28192  
   calendars and programs..  
     275,374,5590,  
     22945,22994  
   concentrated..12427,27909  
   conferences and con-  
   gresses.....23003  
   cooperative..23003,27931  
   defoliating.....1173-4  
   deposits.....7747  
   formulas.....3141  
   injuries..10318-19,6043,  
     15457,15465,20795,  
     26317  
   oil.....1058,1075  
   postwar.....12452  
   residues.....9658  
   seasonal.....20781  
   technique and equipment.  
     3180,3653,3664,  
     3669,3675,3682,  
     3694-5,3700-1,  
     8189,9192,8200,8205,  
     12394,12403,12956,  
     18215,18225,18232,  
     18234,18242,18244,  
     25951,28126,28258,  
     28279  
   tests....7736,7738,23162  
   toxicity.....27971  
   See also Fungicides;  
     Growth substances for  
     plants; Insecticides;  
     and subhead spraying  
     and dusting under  
     specific subjects.  
 Spring cankerworm. See  
 Palearctica vernata.  
 Springtails. See  
 Collembola.  
 Sprinkler irrigation.  
See Irrigation, over-  
 head.  
 Spruce.....1070,1120,9608,  
     14838,22081,27203  
   bark.....16702  
   culture.....10653,10661,  
     11520  
   pests....7756,12790,20323  
   wood.....2111,11551  
 Spruce, black....142,9608,  
     15657,15699  
   bibliographies.....20097  
   management.....15611  
 Spruce, Brewer.....2080  
 Spruce, Norway.....10488-9  
   wood.....26410  
 Spruce, Serbian.....22052  
 Spruce, Siberian.....6174  
 Spruce, Sitka  
   pests.....28048  
   wood.....20079  
 Spruce, weeding. See  
 Spruce, Brewer.  
 Spruce budworm. See  
 Archips fumiferana.  
 Sour blight  
   of raspberry.....9722  
 Squabs....7570,17292,17414,  
     27654,27662,27689  
 Squash.....1625  
   anatomy and physiology..  
     15513,15589  
   culture..1603,6635,14859  
   marketing.....13607  
   pests.....17746,27870  
   Squash--Continued.  
     storage, diseases and  
     pests.....15513  
   Squash, winter.....6120  
   Squash borer. See  
     Melittia satyriniformis.  
   Squash bug. See Anasa  
     tristis.  
 Squirrels.....10305,14625,  
     16727  
 Sta-way Insect repellent..  
     7719  
 Stablefly. See Stomoxys  
   calcitrans.  
 Stables...8259,8328,23726,  
     23741,23751  
   ventilation.....18344  
 Stachybotrys.....5994  
 Stachybotrys alternans....  
     11740  
 Stachys grandiflora  
   superba.....10923  
 Stacks..12940,18195,18198,  
     18204,18206,23573,  
     23579,23581  
   See also Hay, stacking.  
 Stagnomantis carolina.....  
     23524  
 Stain technology..650,683,  
     10578,20637  
   See also names of  
   stains.  
 Staley, M. E., Mfg. Co....  
     24438  
 Stalita haasi paucica-  
   culeata n. var.....7889  
 Stallions..237,4503,22584,  
     27509  
 Standard of living. See  
   Cost and standard of  
   living.  
 Stanhylinidae.....7942,  
     23146-7,23215  
   See also names of gen-  
   era.  
 Staphylococcus..7145,7258,  
     13196,20310  
   in milk.....27437  
   infection  
     in dogs.....17136  
     in geese.....27632  
 Staphylococcus aureus..4499  
 Staple Cotton Coop. Assoc..  
     8637  
 Stanle Cotton Discount  
   Corp.....8637  
 Star tulip. See  
 Calochortus uniflorus.  
 Starch sponge.....19165  
 Starches.....13296  
   analysis and composi-  
   tion.....4684,13709  
   in grain.....28822  
   in plants...10648,16274,  
     21016  
   sources.....18422  
   utilization.....19165  
   See also kinds of  
   starches.  
 Starvation. See under  
 Nutrition (human).  
 State farms  
   Hungary.....14217  
   U. S. S. R....9133,9193,  
     21104,28888,29112,  
     29136,29178  
   maps.....654  
 State forests. See  
 Forests, State.  
 Station de Recherches  
 Viticoles Moët et Chandon  
 d'Boernay (France)....841  
 Statistics...42,5316,9518,  
     9521-2,14743,15308,  
     18864,19960,19969,  
     25248,25326,28514,  
     29497  
   Argentina...13276,14345,  
     19815  
   Arkansas.....18483  
   Australia.....18491  
     New South Wales..23903  
     South Australia..23909  
     Tasmania.....23913  
   Baltic States.....15117  
   Bolivia.....18484  
   Brazil.....18485  
   Canada..8383,13277,18490,  
     23898  
     -Alberta.....23897  
     Quebec.....15189  
   Chile.....8452  
   Colombia....3964-5,13271  
   Cuba.....14705  
   Denmark.....28509-10  
   Ecuador....14709,25224,  
     28515  
   Eire.....29495  
   El Salvador.....23900  
   France.....13666  
   French West Africa..3963  
   Germany.....23915  
   Hawaii.....9771-2  
   Hungary.....13275  
   India.....9949  
     United Provinces..23905  
   international.....23907  
   Italy.....18487  
   methods...663,1741,8731,  
     9519,14764,17583,  
     19952,22896,23908,  
     25219,29372,29498  
   sampling...4382,9483,  
     9520,14770,19866,  
     24307,29496  
   Mexico.....13273,28516  
   Minnesota.....23902  
   Missouri.....18489  
   New Zealand..13272,19449,  
     23904  
   Peru.....23908,25229  
   Portugal....23901,23906  
   South Dakota.....15013  
   Spanish North Africa....  
     28517  
   study and teaching..9517  
   Sweden...19865,23911-12,  
     28518-19  
   Union of South Africa...  
     4706  
   U. S. S. R.....18488  
   Uruguay.....3961  
   Venezuela.....26007  
   Western Hemisphere..23914  
   See also Census; and  
   under specific subjects.  
 Staurothele.....15405  
 Steam.....3748  
 Steere, W. C.....5888  
 Steers. See Cattle, beef.  
 Steinauer soils.....25752  
 Stelis malaisei n. sp....  
     23443  
 Stem-end rot  
   of lemon.....307  
   of orange.....15593  
 Stem rot  
   of tomato.....20842  
 Stem rust of wheat.....869  
**Item**  
 Stem rust of wheat--Con-  
 tinued.  
   See also names of  
   causal organisms.  
 Stenandriopsis.....10178  
 Stenobracon deesae...28153  
 Stenolemus.....28152  
 Stenonema.....23553  
 Stenoneura n. g.....3473  
 Stenopogon.....8018  
 Stenotaphrum.....6001  
 Stephanoderes hampei..3387,  
     3430,7918,12612,  
     17917-19,23205  
 Stepe soils.....16286  
 Steraspis comitessa n. sp..  
     17962  
 Sterculiaceae.....10455  
 Stereophotogrammetry. See  
 Photography.  
 Stereonhyllum.....20733  
 Stereoscopes.....9638  
 Stereum purpureum. See  
 Silver leaf, of fruit.  
 Sterictophora.....23370  
 Sterilamp. See Bactericid-  
 al lamps.  
 Sterility  
   in animals. See subhead  
   fertility under names  
   of animals.  
   in plants..15611,15666-7,  
     15669,15674  
 Sterilization.....5778  
 Sterols, effect on insect  
   growth.....23506  
 Sterrha aversata amoenata.  
     3566  
 Stethelmis chilensis n.  
   g., n. sp.....23175  
 Stickwater meal. See Fish  
   solubles, condensed  
   (feed).  
 Stiff lambs.....3021  
 Stilbestrol....7496,17278,  
     22786,27603  
   effect on poultry...9964  
 Stingless bees. See  
 Meliponidae.  
 Stipa. See Feathergrass;  
 Needlegrass.  
 Stipa leucotricha. See  
 Needlegrass, Texas.  
 Stipa tenacissima. See  
 Needlegrass, esparto.  
 Stock (animal). See  
 Livestock.  
 Stock (plant). See  
 Matthiola.  
 Stockyards, directories...  
     9619  
 Stokers.....8357,25760  
 Stomach  
   of cats.....17135  
   of dogs.....17132  
 Stomatitis  
   in cattle.....11902  
 Stomatitis, vesicular  
   in horses.....22569  
   in sheep.....22569  
   in swine.....19891  
 Stompteryx nerteria..18112  
 Stomoxys calcitrans..23243  
   control.....7981  
   parasites and predators  
   of.....23563  
 Stop Drop.....6287  
 Stoppers, rubber.....51  
 Storage.....17,28399



- Storage--Continued.**  
 buildings.....8335,8338,  
     8341,20172,20335,  
     23757,23762,28400,  
     28402  
 cellars.....13111,13116,  
     18370,23764,28393  
 cold....3949,5778,13119,  
     13258,25508-10,  
     25549,25602  
     home.....25955  
 Great Britain.....13258  
 home.....341,471,473,  
     3796,23763  
 situation and outlook...  
     5378  
 Tropics.....13257  
See also Elevators;  
 Granaries; Locker  
 plants; Stored prod-  
 ucts; Warehouses; and  
 under specific products.
- Stored products**  
 fumigation....3132,28055  
 nests...3377,7726,12685,  
     12817,23001,  
     28038  
**Stores, retail.** See  
 Markets and marketing,  
 retail.
- Stoves**.....9807  
 kerosene.....247  
 Strannelli, Nazareno.10720  
 Strangles..2638,2646,7370,  
     7379,7391,12000  
 immunization.....7374  
 India.....12008-9  
 therapy.....12013  
 Strategic materials...5185  
 Stratiomyidae.....2458  
See also names of  
 genera.
- Straw**...1891-2,4400,6844,  
     8794,15774,18839,  
     21985,27016  
 Argentina.....29047  
 as feed.....16774  
     for cattle.....16949  
     for poultry.....27593  
 as fertilizer.....2036,  
     10014,16551,25839  
 bales.....28255  
 bibliographies.....545  
 effect on soils...11452  
 in soil improvement....  
     27000  
 utilization..15449,29047  
See also kinds of straw.
- Strawberries**...5839,10034,  
     21321  
 cooperatives.....4329  
 culture...356,1384,5604,  
     5701,6450,10850,  
     10854-5,15983,15988,  
     15990-1,21323-4,  
     21328-9,21335,21841  
 diseases...915,919,15545,  
     20830,26334,26342  
 fertilizers.....16394  
 Germany.....21326  
 Great Britain.....14005  
 market reports....25525  
 Northern Ireland..21332,  
     21339  
 soils.....6843  
 Switzerland.....21337  
 varieties..262,1377,1379
- Strawberry rootworm.** See  
 Paria canella.
- Streak**  
 of raspberry.....15558  
 of sugarcane.....6159  
 Stream-bank erosion..27054  
 Stream flow...16420,16449,  
     16483  
     Salt River, Ariz...27013  
 Strentanthera.....21454  
 Strentanthera cuprea.21515  
 Strento-stanhylococcus  
     vaccine.....22392  
 Strentococcus.....21547  
 Strentocide, red. See  
 Protosil.  
 Strentococcus...4499,7166,  
     7258,13386,27313  
     infection  
     in horses.....7376  
     See also Sepsis lenta.  
 Strentococcus agalactiae..  
     11879,13387,27440  
     in cattle.....2487  
     See also Mastitis, in  
     cattle.  
 Strentococcus citrovorus..  
     24023  
 Strentococcus mastitidis.  
     See Strentococcus  
     agalactiae.  
 Strentococcus paracitro-  
     vorus.....24023  
 Strentomycin..10137,15730,  
     17345  
 Strentothricin.....15730  
 Striga lutea....1004,20754  
 Strip cropping..6907,21906,  
     26092  
**Strine**  
 of barley.....990,10339  
 Strine smut, of rye. See  
 Smut, flag, of rye.  
 Striped cucumber beetle.  
     See Diabrotica vittata.  
 Strongyloides vanillosus..  
     7164  
 Strongylosis  
     in horses...11995,12014,  
     17191  
     in swine.....22890  
**Structures.** See Buildings.  
 Strumella coryneoldea  
     on oak.....26360  
 Strumeta tryoni. See  
 Dacus tryoni.  
 Strychnine poisoning  
     in dogs.....11957  
 Stubble..17298,21617,21831  
     as feed....22628,22637,  
     22822  
**Study clubs.** See Clubs.  
 Stump removal. See Land,  
 clearing.  
 Stunt disease  
     of blueberry.....20871  
     of tomato.....10071  
 Sturmaia.....3451,12725  
 Styloneuria.....8016  
 Styphlomerus.....12610  
 Styringomyia.....28061  
 Submarginal land. See  
 Land, submarginal.  
 Subsides..4888,9945,24760  
 Australia...19404,24761  
 Canada..4890,19410,28428  
 export.....9170  
 Great Britain.9166,19412  
 Venezuela.....5762  
See also under  
 specific subjects.
- Subsistence farming.** See  
 Farms and farming, sub-  
 sistence.  
 Succulents.....1534,6592,  
     10957,26495  
     Sucrose.....4643,13954  
 Sudan grass..379,976,1205,  
     1236,2441,15819,  
     21164  
 Sueca (Spain). Estación  
 Arroceras.....21063  
 Sugar.....4651,4656,5364,  
     24508,24516,29017  
     Africa.....13156  
     analysis and composi-  
     tion..13186,13958,19942,  
     28529,28537,29010,  
     29019,29024  
 Antilles.....26013  
 Argentina...4642,15192,  
     19131,29016  
 as feed, for bees..3209,  
     3211,3252,3269,  
     3281,3295,7791,7815,  
     12534,27950  
 Australia.....24524  
 Barbados.....13961  
 Bohemia-Moravia...13943  
 Brazil.....24519,  
     24527,24530,  
     24537-8  
 byproducts....8970,13929  
 California.....13951  
 Canada.....29011  
 chemistry.....4648,8976  
 Chile.....19144  
 China.....4659  
 Colombia.....13931  
 compressed.....9005  
 conservation....19,450,  
     9540,14944,20116,  
     20234-6,20238  
 costs and returns..9678,  
     15136,24837  
 Cuba....4657,8964,8975,  
     8987,8997,9096,  
     13933,13936,13969,  
     20526,24521,24536,  
     24837,29012,29014  
 deterioration....29023  
 effect on plants..10566,  
     15645  
 equipment.....23655  
 Formosa.....29025  
 France.....9936  
 Germany.....19847  
 grading and standardiza-  
     tion.....24509  
 Guadeloupe...13957,20536  
 Hawaii..8982,19146,29018  
 history....15192,24519,  
     24527-9,24535,  
     24537-8,29026  
 in plants....1095,10594,  
     10608,10648  
 India.....24511,24533  
 industry.....4668,8998,  
     15201,24522  
     Cuba.....5324  
     India.....4652  
     Mexico.....4662  
     Jamaica.....24713  
 manufacture and refin-  
     ing....4659,4670,8969,  
     8979,9002-3,  
     9678,13935,13938-40,  
     13946,13949,13975,  
     19136-8,19147,19978,  
     (See next column)
- Sugar--Continued.**  
 manufacture and refin-  
 ing--continued.  
     24507,24520,25354,  
     28301,29013,29020,  
     29028,29030  
 marketing.....4646,8964  
 Martinique.....20536  
 Mauritius....8965,8991,  
     9001,19145  
 Mexico.....8999,13955,  
     13966,19133  
 nutritive value...19792,  
     25086,25092  
 Philippine Islands.13952  
 Portugal.....13958  
 prices.....8991  
 programs....9953,13970,  
     19978  
 Puerto Rico.....543  
 purchase and sale  
     programs.....14787  
 quality.....4650,19942  
 rationing....5785,13451  
 regulation and inspec-  
     tion...5487,9651,24713  
 research.....4666,9004,  
     13937,19131,29507  
 sirup..8988,13974,24512,  
     24532  
 situation and outlook...  
     4641,4653-4,4667,  
     5786,8966,8972-3,  
     8980,8984,9935,  
     13956,13968,15003,  
     19982,20230,20233,  
     24518,24534,28574  
 sources.....8993  
 Spain.....4663,13942  
 statistics.....25573  
 storage...8965,8969,8977  
 substitutes..3593,13160,  
     13930,13954,13962,  
     13973,24525-6,  
     25749,28640  
 Sweden.....29508  
 Switzerland.....13945  
 terminology.....4644  
 trade.....25037  
 Trinidad.....29027  
 Union of South Africa...  
     4646  
 utilization...4655,4660,  
     8996,13432,24510,  
     24525  
 Venezuela.....29021  
 Virgin Islands....14787  
See also Jaggery;  
 Sucrose.
- Sugar, brown**...4649,4661,  
     8983,13964,29022  
**Sugar, wood.** See Wood  
 sugar.
- Sugar-beet greens**....9454  
**Sugar-beet root aphid.** See  
 Pemphigus betae.  
**Sugar-beet tons.** See under  
 Silage.  
**Sugar beets**..4640,5354,5370  
 anatomy and physiology..  
     957,1059,6249,  
     15575,26483,26530  
 as feed.....2270-1,2273  
     for sheep.....17546  
     for swine.....27820  
 Belgium.....21203-6  
 biochemistry.....1089  
 breeding.....15876  
 Canada.....19134,21211



- Item**  
 Sugar beets--Continued.  
   costs and returns..4950,  
     9186,19134,25902  
   culture.....1274,1276-7,  
     9728,10800,10803,  
     15870-3,20047,21208,  
     21210,21212,21214,  
     23636,26964-5  
   diseases....220-1,920-1,  
     6081,6254,6270,  
     25264,26347  
   Fire.....8974  
   equipment.....3707,8199,  
     8215,8218,2222,  
     8232,13000,13002,  
     13015,13017,13027,  
     23636,23641,28303,  
     28317  
   extraction of sugar....  
     8971,13948,13960,  
     13967,29020  
   fertilizers...6798,11256,  
     11263,11289  
   France.8380,13932,13947,  
     21207  
   Germany.....19143  
   harvesting...3707,13000,  
     13002,13027,21201,  
     21216,23641,28303,  
     28317  
   Hungary.....13941  
   industry.....8985  
   irrigation...1909,1947,  
     21212  
   labor.....5458,14075,  
     24666  
   pests...3148,7936,12777,  
     17994  
   prices.....5785  
   programs.....5458,9617  
   research.....10801  
   resistance.....220  
   seed....1280,4637,20598  
   treatment...957,26662  
   situation and outlook...  
     13950  
   soils.....16294  
   storage.....24513  
   Switzerland.....13945  
   U. S. S. R...4664,10068,  
     13934,13967,20598-9,  
     26661,26664  
   See also Silage, sugar-  
   beet.  
 Sugarcane.....10043,20153  
   analysis and composi-  
   tion...4645,8968,13971,  
     19130,19141,  
     29009  
   anatomy and physiology..  
     6831,10587  
   Argentina.....21202  
   biochemistry.....21209  
   Brazil.1272,24507,24535,  
     24969  
   breeding....15459,25216  
   British Guiana...26666-7  
   British West Indies.....  
     15874,26666  
   China.....15869  
   Colombia.....4668  
   costs and returns..4949,  
     9226,24829  
   Cuba.....10322  
   culture..1275,1279,6389,  
     6847,17924  
   diseases..879,6040,6090,  
     6115,6159,10322,  
     10383,15459,20872,  
     26326,26330,26350,  
     26373,26378  
**Item**  
 Sugarcane--Continued.  
   equipment.....18261  
   fertilizers...6806,6831,  
     6945,11407,21803,  
     21955,26993  
   fiber.....13946  
   harvesting.....4647  
   Hawaii..5458,20153,24515  
   history.....24517  
   Iberian Peninsula..26660  
   India..8990,15875,19141,  
     21213,21215,21730,  
     24829  
   irrigation...1930,11343  
   Jamaica.....26663  
   juice and sirup...4658,  
     4669,8967,19129,  
     19132  
   labor.....5458  
   Mexico.....1281  
   pests...7740,10322,17739,  
     17924,18123,22983,  
     23467,26307,28153  
   prices...5458,5785,24520  
   propagation.....1278  
   Puerto Rico..15136,20153  
   soils.....6807,21730  
   South Africa.....26352  
   statistics.....24515  
   Trinidad.....26665  
   varieties...1273,6387-8,  
     6390,10799,15877  
   Virgin Islands of the  
   U. S.....5458,20153  
   yields.....4650,19130  
   See also Bagasse; Filter-  
   press cake.  
 Sugarcane borer. See  
   Diatraea saccharalis.  
 Sugarcane wax...3756,13953  
 Sukra-Niti.....11720  
 Sulfaguanidine.....12114  
 Sulfamethazine..2785,12115  
 Sulfamide.7154,11722,17351  
 Sulfanilamide...982,3068,  
   15687  
 Sulfapyridine...3068,11870  
 Sulfaquinoxaline....17312  
 Sulfate ion  
   in soils.....11137  
 Sulfates.....992,12257  
 Sulfathalidine.....27830  
 Sulfathiazole...3068,3205,  
   22556,27960,27974  
 Sulfite liquor..8993,11615  
 Sulfonamides....2292,2507,  
   7138,7151,7474,  
   7511,12103,12109,  
   12483,16802,17116,  
   17173  
   therapeutic use...22262,  
     22657  
   See also names of  
   sulfonamides.  
 Sulfur.....7084,10300  
   effect on  
   plants....1022,20964,  
     26950  
   soils.....6735,16538,  
     27090  
   fertilizers.....22001  
   fungicides.824,881,6068,  
     6096,20813  
   in feed.....11658  
   in plants.....1084-5  
   in soils...11137,27089,  
     27100  
   insecticides...3635,7749  
   therapeutic use....17303  
**Item**  
 Sulfur dioxide.8163,28449,  
   28524  
   preservative..9666,24269  
 Sulfuring. See subheads  
   dried, drying, and pres-  
   ervation under names of  
   specific commodities.  
 Sumac.....8223  
 Summer, Francis Bertody...  
   29470  
 Sun. See Solar radiation.  
 Sunflower.4540,15645,21191  
   anatomy and physiology..  
     6239,6271,15570,  
     15681  
   Argentina....10779,10792  
   as a weed.....6687  
   as feed.....16770,27280  
   biochemistry.....15710  
   Costa Rica.....15868  
   culture.1264,1271,10672,  
     10783,15864,21196,  
     26649,26658  
   France.....21195,26652  
   hybrids.....26566  
   meal.....28929  
   Nigeria.....28929  
   pests.....23488  
   seed...24395,25731,28929  
   utilization.....18984  
   varieties.....6383  
 Sunflower, woodland..15694  
 Sunflower-seed flour.14584  
 Sunflower-seed meal...5239  
 Sunn hemp. See Crotalaria,  
   sunn.  
 Supernosphates  
   effect on plants...20967  
   fertilizers...2015,16334  
   New Zealand.....2016  
 Supplemental Surplus  
   Appropriation Bill, 1st,  
   1946.....26115  
 Surfen.....7378,12001  
 Surpluses.....3887,28454  
   See also subheads pur-  
   chase and sale programs  
   and surpluses under  
   names of products.  
 Surra, in horses....22554  
 Sven Hedin'sch Expedi-  
   tion, 1927-1930....23462  
 Svenska Agghandelsför-  
   bundet.....19079  
 Svenska Lantmännens  
   Riksförbund.....29327  
 Sveriges Fjäderfäavelsför-  
   enings Kontrolstation,  
   Nykvarn.....22771  
 Sveriges Lantbruksförbund.  
   24986  
 Swallow bug. See Oeciacus  
   vicarius.  
 Swarming. See Apiculture,  
   colony management,  
   swarming.  
 Swayback, in lambs...7634  
 Swede turnips. See  
   Rutabagas.  
 Sweden. Statens  
   Försöksgård, Offer..21078  
 Sweden. Statens  
   Trädgårdssförsök...21609  
 Sweden. Statistiska  
   Centralbyrån.....23912  
 Sweet corn. See Corn,  
   sweet.  
 Sweetcane, munj  
   as feed.....11667  
 Sweetclover.....1246,16250  
   culture.....21136  
**Item**  
 Sweetclover--Continued.  
   effect on soils....1870,  
     11236,25840,25847-8,  
     25851,25853  
   germination.....26633  
   heredity.....20951  
   pests.....3419,25866  
 Sweetclover, annual  
   yellow.....26640  
 Sweetclover disease  
   in cattle.....22409  
 Sweetclover weevil. See  
   Sitona cylindricollis.  
 Sweetgum, wood.....20079  
 Sweetpea..6460,6495,21496,  
   26804  
 Sweetpotato flour..24030-1  
 Sweetpotatoes  
   anatomy and physiology..  
     1080  
   as feed...288,2276,9657,  
     21173  
     for cattle.....16952  
   cooking.....320,20178  
   costs and returns..24825  
   Cuba.....6633  
   culture..1636,1639,6608,  
     11008,16194,25789  
   curing.....24203  
   diseases..825,904,20823,  
     26377  
   dried.....4333  
   equipment.....12990  
   injuries.....1080,19888  
   labor.....24825  
   market reports....25567  
   nutritive value.....320  
   planting..5337,6607,6609  
   processing.....13660  
   programs.....1661  
   research.....28794  
   seed.....1629  
   treatment...6037,6049  
   situation and outlook...  
     20178  
   storage..112,9679,20172,  
     20247,24203,24221,  
     24261  
   diseases and pests....  
     15477  
   utilization.....4277  
   vitamins....9405,20247,  
     25139  
   yields.....6662  
   Zanzibar.....24261  
   See also 4-H Clubs,  
   sweetpotatoes.  
 Swine.....567,3090,3819,  
   5370,12373,22897  
   anomalies....3073,22888  
   Argentina....3078,13767  
   associations.....27812  
   Australia....3088,8830,  
     13799,18916,18933,  
     18945  
   Balkan States.....12364  
   bibliographies....12373  
   Brazil.....3087  
   breeds and breeding.289,  
     3033,3039-41,7653,  
     7657,7660,7662,  
     12314,13785,17598,  
     17605,17609-11,  
     22850-1,22853,  
     22861,26045,28863  
   Berkshire..7654,17599,  
     22859  
   Duroc-Jersey....12310,  
     17602,17613,27805



- | Item                     | Item                     | Item                        | Item                       |
|--------------------------|--------------------------|-----------------------------|----------------------------|
| Swine--Continued.        | Swine--Continued.        | Swine--Continued.           | Taeniothrips cyperaceae n. |
| breeds and breeding--    | fertility...17613,17615, | types.12308,17601,17604,    | sp.....18177               |
| continued.               | 27806                    | 17612,22852,22855           | Taeniothrips inconsequens. |
| Hampshire..7658,12308,   | France..8850,12321,12355 | lard.....17653              | 9658                       |
| 12311-12,17600,17603,    | Germany.....17656,18919, | meat.....22863,22863        | Taeniothrips simplex       |
| 17606-7,27808,           | 22894,24343              | U. S. S. R....3040,7669,    | control.....8150           |
| 27811-12                 | grading and standardiza- | 7687,26045,27844            | Taiga.....6179             |
| Large White x Tam-       | tion.....18916           | watering.....15080          | Taiwania.....17937         |
| worth.....27807          | Great Britian....13721,  | weight and measurement..    | Taiwania spaethi Gressitt. |
| Minnesota No. 2..27809   | 27846,22872              | 3081,4489,9541,             | See Cassida spaethiana     |
| Nilo (Brazilian)..7655   | growth.....12316         | 12371,17654,22896           | (Gressitt).                |
| Poland China....3034,    | heredity.....3037,7661,  | See also Boars; Embryos,    | Take-all                   |
| 3042,7656,7659,          | 12313,17614,             | swine; Feed; 4-H Clubs,     | of barley.....20851        |
| 22856                    | 22854,27807              | swine; Future Farmers       | of weeds.....15527         |
| Spotted.....22857        | history.....17602        | of Amer., swine; Im-        | of wheat.995,20844,20851   |
| Poland China x York-     | housing.....9917,13079,  | munization, swine; and      | See also Ophiobolus        |
| shire.....27809          | 23733,25965,             | names of feeds and of       | graminis.                  |
| Yorkshire.17608,22856,   | 28366,28380              | anatomical parts,           | Tall oil....2185,5487,8892 |
| 27810                    | Hungary.....13744        | diseases, parasites,        | Tama.....28015             |
| Canada...4444,4501,8849, | hybrids.....3035,12313,  | and products.               | Tamaricaceae.....26406     |
| 8877,12369,13763,        | 22854,22856              | Swine fever. See Hog        | Tamarisk.....12752         |
| 13805,18895,18962,       | industry.....4461,13724  | cholera.                    | Tampala.....11036          |
| 24835,22887              | work management..19270   | Swine pest. See Hog         | Tanganyika. Coffee Res.    |
| carcasses.....3081,8835  | injuries.....17633       | cholera.                    | and Expt. Sta.....26872    |
| care...3077,3080,3083-4, | Iowa.....18934           | Swine pox.....8157          | Tangerines. See Orange,    |
| 3086,3091,7685,          | Italy..7686,17649,17659, | Syagrus.....12670           | mandarin.                  |
| 7688,9784,9788,          | 22896                    | Sycamore, diseases...15472  | Tankage.....19963,25325    |
| 12354,12357-9,12366,     | marketing.13785,18944-5, | Syfnia.....23462            | Tanks.....12987            |
| 15028,17648,17650,       | 27840,28872              | Syllegomydas brachiatus n.  | See also Sentic tanks.     |
| 17655,17658,22900,       | Maryland.....24321       | sp.....8009                 | Tannin....2211,7086,11617, |
| 25800,27840,27842        | metabolism.....17632     | Sylvatic plague.....18182   | 13582,18500                |
| seasonal...3079,23837    | New Zealand.....24325    | Symbiosis.....20841         | in plants.....10633        |
| cooperatives.....4476    | Nigeria.....27843        | insect.....23437            | sources.....11618          |
| costs and returns..3078, | Norway.....22851         | plant...9720,10038,26396    | Tannin plants...1115,4677  |
| 4959,19501,24835         | Oklahoma.....18947       | Symphyta, England....18096  | Tanning...4513,8882,13820, |
| culling.....12363        | parasites.....3071,9655, | Symphytum.....10239         | 15181,24371,24376          |
| Denmark.....14482        | 25684,27829              | Synaena.....12597           | cattle-hide..4525,18979,   |
| digestion.....17632      | pests.....5493           | Synarmadillo.....28006      | 24382                      |
| directories..12311,17606 | poisoning....3061,7680,  | Synchlora aerata....28176   | chrome 4509,13822,18969,   |
| diseases..557,3074,3076, | 7684,27828               | Synchytrium...5998,15401,   | 18971,24374                |
| 5358,7674,7678,          | Portugal.....22895       | 26275                       | materials....2210,4520,    |
| 17639                    | postwar.....13727,13738  | Synchytrium endobioticum.   | 4693-4,4696,7085,          |
| Brazil.....22881         | pregnancy.....9784       | See Wart, of potato.        | 16702,22155,29037          |
| Canada.....22879         | prices...4472,4501,4504, | Syndinpus phygadeuontoides. | methods.....539,8881       |
| Venezuela.....26047      | 8879,9616,14865,         | 12804                       | New Zealand.....23904      |
| Eire.....3057,24323      | 20136-7,22852,           | Syngamus trachea....2793,   | See also Hides and         |
| equipment...3820,13092,  | 25492                    | 22675                       | skins; Leather.            |
| 15080,18334              | control.....28912        | Syntan.....15181            | Tansy.....24015            |
| Europe.....13771         | programs....3026,12356,  | Synupserha.....12686        | Tanypodinae, Iowa...23251  |
| farms and ranches..3085, | 18904                    | Synhillis                   | Tanyremna.....3441         |
| 12368,17605,17651,       | quality.....8868,8877    | in rabbits...12224,17504    | Tanytarsus.....7982        |
| 17661,22898-9,           | records and testing....  | Syringa vulgaris. See       | Tapeworms                  |
| 27845-6,29190            | 5623,12360-1,17652,      | Lilac.                      | in poultry.....17336       |
| diversified.3082,17587   | 17660,22861,22893        | Syringes (livestock         | See also names of tape-    |
| feeding and nutrition... | regulation and inspec-   | drenching).....3006         | worms.                     |
| 290,3043-4,3046,         | tion.....9651            | Syrphidae.....7993          | Taphrina communis. See     |
| 3048-9,3051-2,           | research.....14784       | migration.....8006          | Leaf curl, of Bessey       |
| 3054-8,3060,             | sanitation...12370,27827 | See also names of           | cherry; Leaf curl, of      |
| 7666-8,7671,9541,        | shows and sales...3089,  | genera.                     | plum; Pockets disease,     |
| 11836,12317-20,          | 12367,12372,             | Syrrhopodon decivians....   | of Bessey cherry;          |
| 12323,12325-6,12330,     | 17657,27838              | 10267                       | Pockets disease, of        |
| 12345,14993,15028,       | situation and outlook... | Syssphinx.....23475         | plum.                      |
| 17616,17618-19,          | 4437,4472,5581,          | Tabebuia pallida. See       | Tapioca. See Cassava.      |
| 17621-3,17631,           | 7658,9114,13745,         | Trumpet tree, whitewood.    | Tarachodes.....28215       |
| 22865,22867,22869,       | 13754,13756,14970,       | Tabellaria fenestrata....   | 27995                      |
| 22872-4,22877-8,         | 25424,25875,25890,       | 20969                       | Taragama siva.....28194    |
| 25687,27813-15,          | 28863                    | Tachinidae                  | Tarantulas.....17850       |
| 27818,27825              | slaughtering.9809,12362, | Canada.....23226            | Taraxacum.....1698,5964    |
| deficiencies....3073,    | 17654,18919,27836        | North America.....3473      | Taraacum kok-saghyz. See   |
| 17629,27818,27822        | Spain.....22877,26048    | parasites and predators     | Kok-saghyz.                |
| pasture and range....    | statistics...5385,8890,  | of.....17998                | Tariff...5184,14473,14492, |
| 3045,3050,4959,          | 9624                     | See also names of           | 15115,29338,29500          |
| 12316,17625,             | study and teaching.....  | genera.                     | Germany.....20507          |
| 17627-8,20272,           | 27847                    | Taczanowskia.....17896      | Tarnished plant bug. See   |
| 22864,22870,             | Sweden.....4449,4476     | Taenia saginata.....16798   | Lygus oblineatus.          |
| 22875-6,27816,           | Switzerland...8598,8865, | Taenia solium.....16798     | Tarragon.....1838          |
| 27823                    | 8879                     | Taeniorhynchus.....18017    | Tarrietia utilis.....10229 |
| seasonal.....3053        | transportation....4492,  | Taeniothrips.....18176      | Tartar emetic              |
| use of substitutes....   | 13799                    | Taeniothrips cardamomi....  | insecticides.....3635      |
| • 7669,12321,12328       |                          | 18178                       | Tartar products.....19162  |



- Item**  
 Tartrates.....8475  
 Tasmanian Producers' Organ.....25013  
 Taxation.....245,4753  
   Colombia.....24607  
   Cuba.....19252  
   Dominican Republic.....29098  
   France.....14061  
   Great Britain.....493,4748,  
     15140,24653  
   income tax.....351,493,  
     4751,9079,9082-3,  
     14056,15140,22009,  
     24652,25414  
   France.....19249  
   Great Britain.....24648  
   India.....19255  
   India.....19205  
   inheritance  
     India.....9075  
   land-value.....24646  
   Maine.....29102  
   Mexico.....9080,29100  
   Michigan.....503  
   Missouri.....19250  
   New York (State).....19253  
   sales tax.....19251  
   Spain.....24647  
   Union of South Africa.....  
     4749  
   U. S. S. R.....26003  
   Uruguay.....4723  
   See also Assessment; and  
     under specific  
     subjects.  
 Taxigramma.....5822  
 Taxis.....15315  
 Taxodium distichum.....16048  
   See also Baldcypress.  
 Taxus baccata. See Yew,  
   English.  
 Taxus cuspidata. See Yew,  
   Japanese.  
 Taylor, Seth.....5302  
 Tea.....9987,13330,15194,  
   18500,23921  
   Africa.....13156  
   analysis and composi-  
   tion.....8464,18523  
   anatomy and physiology.....  
     10523  
   Argentina.....1732  
   Brazil.....16277  
   Ceylon.....26859  
   Chile.....21649  
   China.....26025  
   culture.....1705,11100,16257  
   fermentation.....8466  
   history.....16257  
   India.....23941  
   Italian East Africa.....  
     21662  
   Japan.....13312  
   nutritive value.....19778  
   Peru.....11082  
   regulation and inspec-  
   tion.....9651  
   situation and outlook.....  
     28564-5  
   substitutes.....633,16281  
   trade.....23941  
 Teachers.....9319,24903,29291  
 Teak.....2081,2085,11504  
 Teats, of cattle.....2508,7266  
 Technicians.....18396,18564,  
   18889,18918,19230,  
   19441,19807-8,19822,  
   19824-5,29276  
   Italian Africa.....19804  
   Italy.....19074  
   Uruguay.....24915
- Item**  
 Technology.....13707,19177  
   Germany.....24804  
 Tectaria volianei n. sp....  
   10255  
 Tectona grandis. See Teak.  
 Teeth  
   of horses.....7381,11997  
   of livestock.....2300  
   of swine.....3083  
   See also Health, dental  
   care; Nutrition  
   (human), and teeth.  
 Teff.....5838,10681,15753  
 Telagrin prothoracicum n.  
   sp.....23551  
 Telang livers.....14597  
 Telephones.....13133,18389,  
   23571  
 Temnillus.....3409  
 Temperature, effect on  
   Acarina.....23134  
   animals.....7316  
   eggs.....22729  
   insecticides.....12392  
   insects.....3389-90,3401,  
     3614,7990,12704,  
     17889,23254,23256,  
     23360,23477,27850,  
     27877  
   milk.....4048-9,4122,23988,  
     24020-1,24024-5  
   plant disease.....873,896,  
     20821  
   plants.....997,1000,1008,  
     1036,1041,1237,  
     6284,10134,10372,  
     10565,11050,15628,  
     15645,15677,15931,  
     26486,26500,26567  
   poultry.....2792,2925  
   sheepskins.....24101  
   See also Cold; Hard-  
   ness, in plants; Heat;  
   Soils, temperatures.  
 Tenancy. See Farms and  
   farming; tenancy; Land,  
   tenure; Share farming.  
 Tenant-right valuation  
   France.....14343  
   Great Britain.....14340  
 Tendipedidae.....3466,12439,  
   28071  
   See also names of  
   genera.  
 Tendipedini.....18002  
 Tendipes.....7984,23229,28072  
 Tenebrio molitor.....12609  
 Tenebrionidae.....17933,17944,  
   23204  
   See also names of gen-  
   era.  
 Tenebroides mauritanicus..  
   28055  
 Tenn. Agr. Expt. Sta.....  
   20344-5  
 Tennessee liquid-fertiliz-  
   er distributor.....25785  
 Tenn. Valley Authority.  
   See U. S. Tenn. Valley  
   Authority.  
 Tenthredinoidea  
   Great Britain.....3527-8  
   South America.....23434  
   See also names of fam-  
   ilies and genera.  
 Tenuipalpus pseudocunea-  
   tus.....17907  
 Tenhrosia.....75-7  
 Teranus.....23174
- Item**  
 Teratology.....20556  
   See also subhead abnor-  
   malities under Insects;  
   and subhead anomalies  
   under Livestock,  
   Plants, and Poultry.  
 Termites.....2143  
   anatomy and physiology.....  
     3537  
   castes.....23550  
   control.....7706,9840,14726,  
     28240  
   habits and behavior.....8149  
   nests.....28233  
   symbionts.....12896,12901,  
     15227  
   See also names of fam-  
   ilies and genera.  
 Terns.....27859  
 Terra Rossa soils.....16381  
 Terracing.....1959,3667,3785,  
   6909,6915,11354,  
   11366,11384,16520,  
   20391,21899,21904,  
   21909,21917,25278,  
   26092,27046,27053,  
   27060,27065,27072,  
   27074  
 Terrariums.....21381  
 Terrostella.....26280  
 Testes  
   of dogs.....17119,17129  
   of horses.....11994  
   of rabbits.....27747  
   See also Cryptorchidism.  
 Tetanus.....7139  
   control.....22273  
   in cattle.....17004  
   in horses.....12018  
   in sheep.....12018  
 Tetany.....29358  
   in dogs.....17134  
 Tetracanthella ethelae n.  
   sp.....23562  
 Tetracentron.....10477  
 Tetrachloroethylene  
   anthelmintics.....14778  
 Tetracosanoic acid.....24561  
 Tetralicia.....3519  
 Tetralopha scortealis.....  
   23495  
 Tetrameres americana.....17308  
 Tetranychidae.....7885  
   See also names of gen-  
   era.  
 Tetranychus bimaculatus...  
   17905  
 Tetranychus telarius.....17909  
   control.....23136  
 Tetraploidy. See  
   Polyploidy.  
 Tetrastigma n. g.....5937  
 Tetrigus.....7930  
 Tettigades.....23410  
 Tettigoniella viridis. See  
   Cicadella viridis.  
 Tettigoniidae.....12871,23528  
   See also names of gen-  
   era.  
 Tetyra lateralis.....28144  
 Teycholabis.....28061  
 Tex. Agr. and Mech. Col...  
   6457,18695,19598  
 Tex. Agr. Expt. Sta.....20351,  
   22388  
   Beaumont Substation.....  
     15782  
   publications.....305  
   Winter Haven Substation.  
     9741
- Item**  
 Tex. and Southwest. Cattle  
   Raisers Assoc.....2536,11915,  
     27456  
 Tex. Centennial of State-  
   hood Comm.....29061  
 Texas fever. See Tick  
   fever.  
 Tex. Goat Assoc.....12293  
 Tex. Milking Shorthorn  
   Assoc.....11783  
 Tex. Technol. Col.,  
   Lubbock.....18702  
 Tex. USDA Wage Bd.....20122  
 Tex. Water Conserv. Assoc.  
   16435  
 Textiles...540,8621,15091,  
   25804,28669  
   analysis and composi-  
   tion.....20539,24081  
   Argentina.....24065,26118,  
     28681  
   Australia.....29502  
   bacteria and fungi.....8627  
   bibliographies.....542  
   Bolivia.....5795  
   Brazil.....18680  
   Canada.....8606,8614,8631  
   Chile.....5796  
   Colombia.....5797  
   Costa Rica.....20535  
   drying.....8659  
   Ecuador.....5798  
   Egypt.....28679  
   Germany.....24115  
   Great Britain.....9875,28695  
   India.....4225,24111,28715  
   industry.....4174,8621,9542,  
     18415,20532,28712  
   Australia.....18746  
   equipment.....3715  
   Korea.....28711  
   labor.....20532  
   marketing.....9542  
   Mexico.....28682  
   moisture.....13510  
   Paraguay.....15207  
   Peru.....5799  
   processing.....542,13527,  
     13530,18701  
   research.....8624,28667,  
     28719  
   situation and outlook...  
     8621  
   Uruguay.....5800  
   Venezuela.....5801  
   See also Fibers; Mil-  
   dewproofing; Ratproof-  
   ing; and names of  
   textiles.  
 Tetricella n. g.....17876  
 Tetricellidae n. fam.....  
   17876  
 Thais polyxena.....8103  
 Thallumetus.....17872  
 Thalophila.....17945  
 Thamnistrum.....797  
 Thannosma aldrichi.....5983  
 Thamnurgus.....12648  
 Thanasimus formicarius....  
   23154  
 Thanatus vulgaris borealis  
   n. ssp.....23131  
 Thanite.....227  
 Thasus acutangulus.....23409  
 Thatch.....13107  
 Thaumatomyia.....8010  
 Theaceae.....26201  
 Theba pisana.....7723  
 Theganonteryx.....28215



- Item**  
*Theileria parva*.....22221, 23133  
*Thelairosona*.....12725  
*Thelidium corricola* n. sp. 26282  
*Thelocactus*.....746  
*Thelocactus bicolor*.....10937  
*Thelymitra ixioides* var. subdifformis.....763  
*Theobaldia*. See *Culiseta*.  
*Theobroma cacao*. See *Cacao*.  
*Theridion*.....17858, 23099, 23102  
*Thermotronism*.....23395  
*Theron, Johan Abraham*.....14664  
*Theslastes*.....7959  
*Thevetia, luckynut*.....17692  
*Thevetia nereifolia*. See *Thevetia, luckynut*.  
*Thiaminase*.....19788  
*Thiamine*. 5193, 10570, 10634, 29421, 29423  
     and health.....19797  
     effect on plants....1051  
     in animal nutrition.... 3054, 22873, 27620  
     in food.....9409, 9457  
     in fruit.....14573  
     in human nutrition..9447  
     in meat.....14607  
     in milk.....25115  
     in plants.....15725  
     in vegetables.....14571, 14594, 25680  
     in yeast.....25160  
     sources.....25114  
     stability.....5257, 9428, 9440, 25133  
     tests.....9424, 9430  
     See also Vitamin B;  
     Vitamin B<sub>1</sub>.  
*Thief ant.* See *Solenopsis molesta*.  
*Thielavia terricola*...5999  
*Thiorea*  
     effect on plants....1004  
     therapeutic use....2640  
     toxicity.....7492  
*Thistle*.....10531  
     See also kinds of  
     thistles.  
*Thistle, Canada*.....21640  
*Thlaspi*.....5964  
*Thlaspi arvense*. See *Pennycress, field*.  
*Thomas meal*.....21957  
*Thompson, Guy A.*.....14923, 20226  
*Thoreau, Henry David*..9496  
*Three-day fever*. See *Dengue*.  
*Threshing*.....23657  
     equipment...18271, 18289, 23654  
     electric.....8261  
*Thrips*.....9658  
*Thrips tabaci*..9658, 12894, 12903  
*Throat botfly*. See *Gasterophilus nasalis*.  
*Thryoticomys apicalis*.... 3449  
*Thunder-god vine*.....28028  
*Thunia marshalliae*...16158  
*Thymelaea arvensis*...26444  
*Thyonsis*.....23115  
*Thyridonteryx enhemeraeformis*.....25867
- Item**  
*Thyroid*  
     of poultry...22674, 27630  
     See also *Goiter*.  
*Thyropoteins*.....27605  
*Thysanoptera*  
     Hawaii.....18177, 18181  
     India.....18180  
     Italy.....23554  
     New Caledonia.....18176  
     See also names of families and genera.  
*Thysanura*  
     Portugal.....18183  
     See also names of families and genera.  
*Tibatin*.....7166  
*Tibicin linnei*.....12756  
*Tick fever*  
     in cattle...11728, 22414, 22419, 22423, 22428  
     See also names of tick-borne diseases.  
*Tickclover*.....21180  
*Tickclover, Cherokee*..1029  
*Ticks*  
     and disease..226, 3364-5, 7908, 12581, 17728, 17864  
     control.....22968  
     Delaware.....226  
     on sheep.....27895  
     rearing and breeding... 17892  
     South Africa.....28018  
     See also names of families and genera.  
*Tidabius*.....27992  
*Tile*.....23784  
*Tilia*. See *Linden*.  
*Tiliaceae*.....6188, 26278  
*Tillage*...199, 1882, 1885-6, 1888-90, 1893, 5554, 6847, 11296, 11299, 11301, 11304-5, 11307, 16413, 16415, 16418, 20591, 21825, 21834, 21838-40, 25721, 26943, 26997-8  
     effect on soils...11302, 16299, 21836, 26906  
     equipment...198, 3704, 8217  
     fallowing...1816, 16412, 21832  
     Great Britain.....3878  
     seasonal.....21824  
     stubble-mulch.6837, 8217, 21833, 26995  
     surface.....16411  
     U. S. S. R.....24670  
     See also *Cultivators*;  
     *Hoeing*; *Plowing*; *Plows*;  
     and *subhead culture*  
     under names of crops.  
*Tillamook Burn*..22087, 27175  
*Tillandsia*.....5978, 15385  
*Tillandsia, treebeard*.... 10141  
*Tillet, Mathieu*.....10345  
*Tilletia*.....6128, 10365  
     See also *Smut*.  
*Tilletia foetida*....15486  
*Tilletia phalaridis* n. sp. 6002  
*Timber*  
     marketing....2112, 11527, 22015, 27131  
     See also *Beams*; *Forests*;  
     *Lumber*; *Mine timbers*;  
     *Wood*.  
*Timber scribes*.....22095
- Item**  
*Timbo*. See *Lonchocarpus*.  
*Time and motion studies*.  
     See under *Efficiency*.  
*Timiriázev, K. A.*....26504, 29493  
*Timomenus vieli* n. sp..... 23548  
*Timonius*.....10223  
*Timothy*...1222, 5473, 20432, 21058  
*Tin*.....18418  
     See also *Containers, tin*.  
*Tinea*.....12837  
*Tinea granella*. See *Nemapogon granella*.  
*Tinea secalella*.....22973  
*Tingo María (Peru)*  
     *Estación Experimental Agrícola*.....1705, 19860, 24702  
*Tioula*..3442, 7978-9, 17969, 23220-1, 23294, 28061  
*Tivulidae*....3441, 7977-8, 12693, 17970  
     California.....23220  
     China.....17969  
     Neotropical.....28061  
     New Caledonia.....17968  
     South America.....23221  
     See also names of genera.  
*Tivuloides*.....3442  
     See also names of families and genera.  
*Tires*....4202, 7032, 18305, 20157, 20514, 23704, 28335  
*Tisserantiella* n. g..10270  
*Tissue cultures*  
     animal.....22965  
     plant...1045, 10016, 10548, 10572, 10582-3, 15645  
*Tissues, plant*....998, 1015  
*Titaenora andropogonis*.  
     See *Leaf spot, of sorghum*.  
*Titanophora* n. g....10273  
*Titmice*.....3285  
*Tityus bahiensis*....23138  
*Türin, Ivan Vladimirovich*.....1739  
*Tütüvöviát Oniten*  
     *Institut, Drama*....15879  
*Tmarus*.....17896  
*Toads*....12374, 22983, 27945  
*Toast*.....20354  
*Tobacco*.....15645  
     anatomy and physiology.. 1012, 1282, 9536, 9566, 10440, 10805, 15587, 15603, 20651  
     area of production..14749  
     Argentina...13979, 29032  
     as fertilizer.....16559  
     Australia.....4676  
     biochemistry.....15698, 15709  
     breeding.....15607  
     Bulgaria.....9011, 15879  
     Canada.....9008, 13985  
     Colombia.....10806  
     Costa Rica.....20535  
     costs and returns..9225, 19151, 19494  
     Cuba....6391, 9009, 9371, 19150  
     culture..631, 1284-5, 5594, 10808, 15880, 16389, 21220, 26073, 26861
- Item**  
*Tobacco--Continued.*  
     cured.....4674  
     curing..1286, 8357, 13978, 13981-2, 19149, 24541, 24543, 25759-60, 28297  
     equipment...8357, 28297  
     diseases...929, 934, 6044, 6124, 6919, 10071, 10374, 10391, 10394, 12411, 15528, 17687, 20821, 20831, 20865, 20877, 21219, 26370, 26917  
     control.....14723  
     resistance...1283, 9531  
     Ecuador.....4671  
     Europe.....13984, 24539  
     fertilizers..1820, 16389, 21755  
     France.....9010  
     Germany.....21218  
     grading and standardization.....24544  
     Great Britain.....9007  
     harvesting.....9795  
     heredity.....26449  
     history..9910, 19153, 24548  
     Hungary.....4675  
     hybrids.....15579  
     India....19151-2, 19494, 20523  
     industry.....4672, 18415  
     Argentina.....26118  
     insurance.....9595  
     Jamaica.....13986  
     Kenya.....1286  
     Latin America.....9006  
     market reports...25579  
     marketing..53, 5373, 5454, 9615, 13976, 19151-2, 20281, 24542  
     Morocco.....29034  
     New Zealand.....21217  
     Nyassaland.....19148  
     oil.....4555  
     packaging.....24547  
     pests..3115, 12411, 12805, 17687, 19909, 28150  
     postwar.....9012, 13980  
     prices.....20126  
     processing.....631  
     Puerto Rico..15881, 15883  
     quality.....15882, 20132  
     regulation and inspection...5487, 14749, 20134  
     seed.....1287, 6392  
     situation and outlook... 4673, 13977, 25331, 25580, 29033  
     soils.....1809, 11218  
     Spain..9371, 13983, 25044, 26668, 28439, 29035  
     statistics....158, 9622, 14772, 28512  
     storage.....19149, 19151  
     taxation.....19252  
     trade..5168, 15208, 25044, 29342  
     Turkey..10804, 15878, 15885  
     Union of South Africa... 15884  
     utilization.....20523  
     varieties...10804, 10807  
     Virginia.....23966, 24545  
     yields.....6393, 26978  
     See also *Insurance, tobacco*; *Nicotiana*;  
     *Nicotine*.  
*Tobacco, burley*..1285, 9225, 9795, 13982, 26669



- | Item                                | Item                              | Item                         | Item                            |
|-------------------------------------|-----------------------------------|------------------------------|---------------------------------|
| Tobacco, Turkish.....24546          | Tomatoes--Continued.              | Tractors--Continued.         | Trade--Continued.               |
| Tobacco budworm. <u>See</u>         | Switzerland.....21606             | tests.....8266               | Latin America...519,5171,       |
| <i>Heliothis virescens</i> .        | varieties....6617,15893,          | U. S. S. R...28326,28330     | 19722,19729,                    |
| Tobacco flea beetles. <u>See</u>    | 16185,20273,26855                 | utilization...18252,18298    | 20510,25036                     |
| <i>Boitrix hirtinennis</i> .        | vitamins.....1098,25680           | <u>See also</u> Tires.       | Mexico...5176,14484,14493,      |
| Tobacco hornworm. <u>See</u>        | yields.....1839,16523             | Trade.....19730              | 29352                           |
| <i>Protonarce sexta</i> .           | Tongues                           | Africa.....14487             | Mozambique.....19721            |
| Tobacco Mktg. Quota                 | of horses.....12005               | agreements and treaties.     | New Zealand...5187,14478,       |
| Program.....31                      | Tonsils                           | 182,5160,5179,               | 29336,29354                     |
| Tobacco moth. <u>See</u>            | of sheep.....27788                | 9361,9905,14492,             | Nicaragua.....9362              |
| <i>Eohestia elutella</i> .          | Tools.....23623,23625             | 14501,15115,15142,           | Palestine.....14477             |
| Tobacco press.....25270             | <u>See also</u> names of tools.   | 20485                        | Paraguay.....15206              |
| Tobacco thrips. <u>See</u>          | Toon, Australian....10652         | Argentina - United           | Peru.....5793,29346             |
| <i>Frankliniella fusca</i> .        | Toona australis. <u>See</u> Toon, | States.....29335             | Philippine Islands...15144      |
| <i>Todea barbara</i> .....10474     | Australian.                       | Argentina....5181,9366,      | policies.....25033              |
| <i>Tofieldia calyculata</i> ..10899 | Tonobea.....10202                 | 14476,19704,19706,           | Portugal.....24589              |
| Tollman, Phillip....19844           | Toria. <u>See</u> Rape.           | 20505,26118                  | Portuguese Africa...25041       |
| Tomaspis.....7740                   | Toronto Rhubarb Growers'          | Australia....5188,19713,     | postwar...5163,5166,5187,       |
| Tomato, currant.....15605           | Assoc.....8684                    | 24585,25048,29058            | 5351,5720,19403,                |
| Tomato pinworm. <u>See</u>          | Torrey Bot. Club.....687          | barriers                     | 19712                           |
| <i>Keiferia lycopersicella</i> .    | Torsion of the uterus             | international...14856,       | Puerto Rico.....670             |
| Tomatoes.....4268,9538              | in cattle.....17007               | 19712                        | regulation...5789-94,14496      |
| anatomy and physiology..            | Tortillas.....14570               | Bolivia....5789,29343-4      | Scandinavia.....25040           |
| 1021,4302,6260,                     | Tortrix.....12837                 | Brazil...5159,5164,5173,     | situation and outlook...9598    |
| 6265,10543,11027,                   | Tortula californica n. sp.        | 19203,19705,19715,           | Spain...9371,25027,29356        |
| 11042,16208,26533                   | 20728                             | 20506,25034,29344            | statistics...25020,29356        |
| Australia....1598,1630,             | Town and country planning.        | British Guiana....19723      | Sweden.....19726,24609          |
| 11025                               | 4996,5003,9886,                   | British West Indies....29351 | Tonga.....29079                 |
| biochemistry...6248,26967           | 9894,9900,14349                   | Burma.....8374               | Trivolitania.....19214          |
| breeding.....10501,21601            | <u>See also</u> Communities,      | Canada...5166,5181-2,9369,   | Turkey.....4718                 |
| canned.....17,8750,13636            | planning.                         | 14479,19722-3,               | Union of South Africa...4706    |
| canning.....15030                   | Town and Country Planning         | 25040                        | U. S. S. R...5178,19203,        |
| costs and returns...9223            | Act (Great Britain),              | Chile...5764,5790,25047,     | 19705,19727,25035,-             |
| culture...1592,1594,1597,           | 1944....5003,9258,14263           | 29345                        | 25042                           |
| 1628,1646,1651,                     | Towns, New England....526         | China.....25991,29347        | Uruguay...5159,5164,5173,       |
| 1890,6622-3,6636,                   | Townshend, Charles,               | Colombia.....3965,5791,      | 5794                            |
| 6652,6668,6673,                     | Viscount.....9490                 | 14502,19724,25020            | Venezuela.....5762,5802         |
| 6676,11034,11037-8,                 | Towri.....4677                    | Cuba...4708,9371,14499,      | <u>See also</u> Subsidies, ex-  |
| 11044,11048,                        | Toxins.....10635                  | 24200,29339                  | port; and under names           |
| 16180,16182,16204,                  | bacterial.....20310               | Ecuador.....5792             | of products.                    |
| 16208,16226,16235,                  | <i>Ixodinae</i> .....23121        | Egypt.....14477,19720        | Trade Agreements Act..9361      |
| 21585,21601,21603,                  | Toxognathus.....28035             | Europe.....14487,14489       | Tradescantia.....16091          |
| 21611                               | Toxonhora.....28096               | Fiji.....24551               | Tradescantia virginica...6193   |
| diseases...828,901-2,927,           | Toxoplasmosis.....27296           | Finland.....25040            | Tragasol.....15177              |
| 6047,6079-80,6151,                  | Toxoptera graminum...18054,       | foreign...519,5171,5174,     | Trailers.....8280,23699         |
| 7906,10071,10292,                   | 23356,23385,23400                 | 5177-8,5180,5183,            | Trailing arbutus. <u>See</u>    |
| 10306,10338,10351,                  | Toys.....447,25930                | 5734,5759,9374,              | <i>Enigaea repens</i> .         |
| 10376,10605,11192,                  | Trace elements. <u>See</u> Minor  | 9526,14481,14485,            | Training. <u>See</u> Education; |
| 15444,15476,15514,                  | elements.                         | 14498,14500,15144,           | Extension work; and             |
| 15553,20308,20802,                  | Trachyrhachis.....28222           | 19724,20068,24613,           | under Government,               |
| 20842,20870,20881,                  | Tractors....528,3771,3773,        | 25028,25032,25042            | personnel and U. S. Dept.       |
| 25810                               | 3775-6,3782,3785,                 | 14491                        | of Agr., personnel.             |
| control...15451,26362,              | 5698,8267,11549,                  | French North Africa....14011 | Trangle (N. S. Wales)           |
| 26364,26384                         | 12927,12932,13043-4,              | Germany.....14483,14499      | Expt. Farm.....12246            |
| resistance.....6024,                | 13047-8,15154,18226,              | Great Britain...5170,5188,   | Transplanting.....6639          |
| 6041-2,20273                        | 18306,23683,23685-6,              | 5749,14483,15128             | <u>See also</u> under Trees;    |
| fertilizers...1839,11226,           | 23693,23703,28321,                | 19715,25046,29348            | and subhead planting            |
| 11244,16373,26967,                  | 28324,28327                       | history.....5749             | under names of plants.          |
| 26989                               | cooperative use...18297           | India.....5182               | Transportation...15308,28464    |
| for processing...277,1632           | costs and returns..8276,          | inter-American....9375,      | Amazon Region....24590          |
| fruit set...11027,11050,            | 28333                             | 13170,14480                  | Argentina.....26118             |
| 15611                               | electric.....8265                 | international...5172,5736,   | Australia.....18450             |
| harvesting...16213,20379,           | fuel.....18293,22161              | 5776,9360,9364,              | Burma.....28904                 |
| 26844                               | India.....23682                   | 9368,9370,9373,              | Chile.....29440                 |
| Hawaii.....6629                     | lights.....18300                  | 14474,14485,14490,           | China...3883,28904,29053        |
| history.....16230                   | maintenance and repair..          | 14496,20473,20485,           | Colombia...18433,24607          |
| hybrids...6629,6637,15705           | 3685,3780,8272,                   | 20507,24571,24598,           | cooperative.....8397            |
| injuries.....827                    | 8279,12960,13049,                 | 29353                        | costs.....23829,28459           |
| juice...16094,21538,24233,          | 13053,18308-9,                    | Iraq.....14477               | Latin America.....20510         |
| 25091,28792                         | 23692,23701,28338                 | Italian Africa...14488-9     | legal cases...20225,20227       |
| marketing...5459,24146,             | mechanics.....18301               | Italian Colonies...14475,    | Mexico.....8431,28459           |
| 24198                               | operators                         | 19709-10                     | New Zealand.....13207           |
| peeling.....13618                   | training.....28337                | Italy.....14475,14488,       | rates...14920-1,20225,          |
| pests...3598,6080,7906,             | power take-off....23690           | 19709-10                     | 20227,25640-1                   |
| 12843,15444,27920                   | shows and sales...23700           | Italian East Africa....14497 | refrigeration...3720,8397,      |
| planting...1649,11032               | situation and outlook...19950     | Japan.....14499              | 13214,20147,23821,              |
| situation and outlook...4290,24160  | specifications.....9915,          |                              | 24268                           |
| soils.....11261,26967               | 15153                             |                              |                                 |
| spraying and dusting...9658         | statistics...8273,8278,           |                              |                                 |
|                                     | 8281,13052                        |                              |                                 |



- Item**  
 Transportation--Continued.  
 situation and outlook... 5378, 18430, 25321  
 Southwestern States..... 20608  
 Venezuela..... 3896  
 water... 2114, 8403, 18433, 24310  
See also Freight rates; and under Airplanes, Insurance, Railroads, Trucks, and specific subjects.  
 Tranzschelia pruni-sinosae. See Rust, of Prunus.  
 Trapa natans. See Waterchestnut.  
 Trans. See Baits and trans.  
 Trashy fallow. See Tillage, stubble-mulch.  
 Traumatotilla..... 23436  
 Travancore. Agr. Dent..... 29456  
 Traxanellus n. g..... 23357  
 Trays..... 23679  
 Tread softly. See Cnidocolus.  
 Treaties. See International agreements and treaties; Trade, agreements and treaties; and subhead agreements under specific subjects.  
 Trechodes lebesmei n. sp.. 12687  
 Trechus..... 17965  
 Tree farms..... 6997, 16610  
 Tree hoppers. See Membracidae.  
 Trees..... 10028, 20631  
 anatomy and physiology.. 6246, 10468, 10522, 10555, 15648, 20915, 26470  
 anomalies..... 26425  
 Argentina.... 19815, 26752  
 as feed..... 1253  
 as weeds..... 6680  
 Australia..... 20588  
 banding..... 27872  
 bark..... 10468  
 bibliographies..... 140  
 biochemistry..... 1092  
 breeding..... 21039  
 browsing... 10740, 22082, 27259  
 care... 5344, 15449, 20102, 26752  
 Central Pacific.... 20110  
 Chile..... 16160  
 China Sea Region... 20573  
 culture... 185, 6307, 9632, 9839, 16107, 16142, 16407  
 diseases... 10028, 10326, 12433, 12821, 15439, 15539, 20770, 20784, 20967  
 resistance.. 6075, 10321  
 effect on soils..... 11195  
 Ethiopia..... 22048  
 fertilizers... 1880, 6801, 10045, 16344, 16372, 21783  
 Florida..... 11482, 27148  
 Great Britain..... 9990, 20584, 26811  
 growth. 1107, 15633, 15745, 15749, 26556
- Item**  
 Trees--Continued.  
 identification.... 5476, 15264, 20421, 20584  
 in soil conservation... 191, 6894, 16515, 21901  
 injuries... 822, 845, 6029, 7026, 10299, 10325, 11533, 12636, 15412, 15436, 16727, 20777, 20797, 21445, 27176-7  
 Italy..... 11488, 15252, 20611, 26801  
 killing..... 10098  
 Mississippi Valley.. 5476  
 names.... 752, 5980, 10155, 15335, 20224  
 Natal..... 26470  
 Nevada..... 20421  
 notable... 675, 2221, 5419, 11553, 20640  
 ornamental... 1418, 1430, 6507, 6580, 9996, 10814, 11001, 21461, 26778, 26742, 26811  
 Palestine..... 1514  
 pests.. 3552, 12821, 17689, 18102, 25864  
 resistance..... 17971  
 planting.. 6309, 6885, 9632, 10654, 10663, 10889, 10965, 11629, 16111, 23634, 28287  
 equipment..... 23634  
 propagation..... 14732  
 pruning..... 11001, 16100, 21419, 26561  
 reproduction..... 12636, 20894, 21030  
 rings..... 132, 689  
 seedlings..... 1119  
 seeds.. 10654, 21004, 26558  
 shade.. 1548, 15439, 16009, 16157  
 Somaliland..... 16590  
 southern France... 26215  
 Southern Pacific... 20110  
 Spain..... 6714  
 spraying and dusting... 3181  
 street and roadside... 1507, 1514, 1516, 6533, 26801  
 stumps..... 19482  
 surgery..... 6020  
 transplanting.... 10954, 14880  
 tropical and subtropical..... 10224  
 Uruguay..... 15255  
 varieties..... 16515  
See also Forests; Memorial plantings; Nurseries (plant); Photography, trees; Windbreaks; and names and classes of trees.  
 Tremellales..... 26284  
 Trentepohlia..... 23221  
 Trentepohlia lagenifera... 20738  
 Trephognathus n. g... 23190  
 Tres de Mayo Mine (Arizona)..... 3521  
 Triaenogenius..... 12610  
 Trialeurodes..... 3519  
 Trianthema monogyna... 773  
 Triatoma  
 and disease..... 3521  
 Triatoma infestans  
 and disease..... 23381
- Item**  
 Triatoma infestans--Continued.  
 nutrition..... 28143  
 rearing and breeding... 23393, 23395  
 Triatoma protracta... 8070  
 Triatomidae  
 Chile..... 18068  
See also names of genera.  
 Tribelocephala pullata n. sp..... 12779  
 Tribolium..... 23194  
 as parasites and predators..... 28059  
 Tribolium destructor.. 3427  
 Tribolium madens.... 23195  
 Trichaster..... 26280  
 Trichiasis, in sheep.. 3010  
 Trichilia emetica... 20676  
 Trichinella spiralis.. 535, 11737, 16805  
 Trichinosis.... 16798, 22889  
 China..... 22884  
 in man..... 2325  
 Trichloroacetonitrile. See Tritox.  
 Trichocentrum panduratum.. 15383  
 Trichocera..... 3442  
 Trichodectes ferrisi n. sp..... 18190  
 Trichoderma viride... 21017  
 Trichogramma..... 18111  
 rearing and breeding... 23423  
 Tricholoma..... 15407  
 Trichomonas  
 in cattle..... 27431  
 Trichomonas foetus  
 in cattle.... 2479, 7296, 27445  
 Trichomonas Mozzati. See Trichomonas foetus.  
 Trichomoniasis  
 in cattle... 11878, 17016, 17042  
 in poultry..... 27610  
 Trichoniscoides..... 7900  
 Trichopilia juniensis.. 771  
 Trichoplusia ni.... 12822, 23452, 23460  
 Trichopseniinae..... 3433  
 Trichopsenus..... 3433  
 Trichoptera..... 23556  
 Belgian Congo..... 9975  
See also names of families and genera.  
 Trichostema..... 28198  
 Trichostrongylosis  
 in calves..... 22404  
 in goats..... 17575  
 in sheep..... 17575  
 Trichuris discolor... 16844  
 Trichuris parvispiculum... 16844  
 Trichuris vulpus.... 22521  
 Tricresyl phosphate.. 28934  
 Tricycles..... 28096  
 Tridenchthoniidae... 17860  
See also names of genera.  
 Trifoliate orange... 21261, 26697  
 Trifolium. See Clover.  
 Trifolium alexandrinum.  
See Clover, Egyptian.  
 Trifolium pratense. See Clover, red.  
 Triglochin laxiflora.. 26225  
 Triglochin maritima... 767
- Item**  
 Triglyphothrix..... 3533  
 Trigonocolus..... 12660  
 Trigonurus..... 23188  
 Trillium..... 1513  
 Triodanis..... 26209  
 Trioza koebeli..... 18071  
 Triploidy. See Polyploidy.  
 Tripterogium wilfordii.  
See Thunder god vine.  
 Trirhithrum..... 28096  
 Trismus..... 7273  
 Tristeza  
 of citrus... 10295, 10327, 15422, 20750  
 of orange.. 835, 857, 15423  
 Trisula..... 18142  
 Tritelia uniflora. See Brodiaea uniflora.  
 Triticum. See Wheat.  
 Triticum abyssinicum.. 10683  
 Triticum dicoccoides. See Wheat, wild.  
 Triticum hybridum.... 6296  
 Triticum monococcum.. 26219  
See also Einkorn.  
 Triticum vulgare. See Wheat.  
 Tritox..... 22921  
 Triturus..... 8031  
 Trochodendron..... 10477  
 Troglum pulsatorium.. 23547  
 Trombicula..... 17883  
 Trombicula deliensis.. 28007  
 Trombicula fletcheri.. 12560  
 Trombicula fritti n. sp.. 23135  
 Trombicula sarcina... 17873  
 Tropanlanthe..... 5942  
 Tropical and subtropical plants. See Plants, tropical and subtropical.  
 Tropical Plant Res.  
 Found., Inc., Washington, D. C..... 10091  
 Tropiduchidae  
 Lesser Antilles.... 12760  
See also names of genera.  
 Troughs..... 3820  
 Trout, G. M..... 17088  
 Truck crops. See Vegetables; and names of crops.  
 Truck farming... 4297, 6610, 9747, 10043, 19961, 21572  
 Canada..... 4908  
 costs and returns..... 25897-98  
 Uruguay..... 21554  
See also Vegetables; and names of vegetables.  
 Trucks.... 8271, 8863, 23698  
 transportation by... 8403  
 Maryland..... 20291  
 Truman, Harry S. 5293, 5301, 5304, 19832  
 Trumpet tree, whitewood... 10665  
 Truninger, Ernst..... 5291  
 Trupheoneura sublugubris.. 3448  
 Tryblidiella macrospora n. sp..... 5996  
 Tryon, Henry.... 9492, 14661  
 Trypanosoma..... 7983  
 Trypanosoma cazalboui... 27321  
 Trypanosoma congolense... 8013-14  
 in cattle.... 16992, 27404



- | Item  | Item   | Item   | Item   |
|---|--|--|--|
| Trypanosoma cruzi....3521,<br>8070                                      | Tumors   | Turkeys--Continued.  | Uganda Protectorate  |
| See also Chagas' disease.   | in cattle.....17013  | industry.....310,12195,<br>13901,24458,28987                 | Forest Dept.....16720  |
| Trypanosoma vivax....27321  | in dogs.....7334,11958,<br>11961,17119,17129,<br>22514   | meat, curing..5398,19078                                     | Ukraine. Narodnyi  |
| Trypanosomiasis.....17972   | in horses....2654,11994,<br>17168,17183  | mortality.....2788,22660                                     | Komissariat Zemledel'ia...<br>14695                            |
| East Africa.....12719   | in insects.....18163   | postwar.....8930   | Ukrainskii Nauchno-  |
| in cattle.....22391   | ovarian, in dogs....7340   | programs.2865,2900,4952,<br>7557,12201,19975,<br>22749-50    | Issledovatel'skii Insti-<br>tut im. V. E. Tairova....<br>28560 |
| in horses.....2647  | See also Carcinogens;  | records and testing....<br>27563                             | Ulcers.....18189   |
| transmission.....15231  | Carcinoma; Endothelioma;   | regulation and inspec-<br>tion.....9650,17413                | in eyes  |
| See also Chagas' dis-<br>ease; Surra; and names<br>of causal organisms. | Fibroma; Hematoma;   | research.....14784   | of dogs.....27490  |
| Tryphomyia n. g.....3473  | Lymphoma; Osteoma;   | situation and outlook...<br>19958,28963                      | peptic, in dogs.....2592                                       |
| Trypoxylon.....23119  | Psamomma; Sarcoma.   | Spain.....26037  | Ulmus. See Elm.  |
| Trypsin.....8907,12593  | Tumors, plant. See Galls,<br>plant.  | systems, confinement....<br>27717                            | Uloborus.....12586   |
| Tryptase.....12594  | Tundra soils.....26936   | types.....14781  | Ulonemia pacifica....18055                                     |
| Tryptophan.....8020,27486   | Tung nuts.....28309  | Union of South Africa...<br>17370                            | Ultraviolet ray.....13032,<br>13672                            |
| Tsetse flies. See   | Tung oil.....4532,19044  | Uruguay.....27652  | analysis.....3875  |
| Glossina.   | analysis and composi-<br>tion.....19059  | weight and measurement..<br>2839,17271,22762,<br>24472,27554 | effect on  |
| Tsifasin, Nikolai....15615  | Argentina.....13871  | See also Eggs, turkey;                                       | plants.1024,1037,1040,<br>1047,10563                           |
| Tsuga. See Hemlock.   | situation and outlook...<br>8894   | National Turkey Impr.<br>Plan; Poults.                       | poultry....2817,27639,<br>27716                                |
| Tsuga canadensis. See   | Tung-oil tree.....21681  | Turnip greens.....231-2                                      | rabbits.....23753  |
| Hemlock, Canadian.  | anatomy and physiology..<br>1038,20927   | Turnips.....21052  | in food processing..3933                                       |
| Tsuga heterophylla. See   | Argentina...13871,21643,<br>21671  | anatomy and physiology..<br>15653                            | in veterinary medicine..<br>16816                              |
| Hemlock, Pacific.   | culture.....6711,21665   | diseases.....6161  | See also Wood's light.   |
| Tsutsugamushi disease.  | fertilizers..11257,21781   | Turnentine..34,7067,11585,<br>16683,27222                    | Umbelliferae....6210,16249                                     |
| See Scrub typhus.   | Italian East Africa....<br>26877   | therapeutic use....11966                                     | Umbellularia californica..<br>5935                             |
| Tuberculosis  | Nyasaland.....16283  | Tussock moth. See  | Uncinula necator. See  |
| control.....25342   | Union of South Africa...<br>1699   | Hemerocampa vetusta.   | Powdery mildew, of grape.                                      |
| in buffaloes.....11869  | Tunga penetrans.....8153   | Twin Ports Coop. Dairy                                       | Undulant fever. See  |
| in cats.....11968   | Tungiasis. See Tunga   | Assoc., Superior, Wis....<br>15196                           | Brucellosis, in man.   |
| in cattle.....27426,27431   | penetrans.   | Typhlophus nadinus n. sp.<br>23113                           | Unemployment. See Em-<br>ployment.                             |
| California.....11867  | Tupelo.....673   | Typhlocyba froggatti.22976                                   | Unemployment Compensa-<br>tion Act, 1945.....25994             |
| Canada.....11853  | Turbines.....3779,3781   | Typhoid fever  | Union Cotonniere de  |
| control....7269,11903,<br>22399,25350                                   | Turf...296,298,6804,16122,<br>23367-8  | transmission.....12868                                       | l'Empire Francais....9948                                      |
| Switzerland.....7243  | See also Grasses.  | Typhonium.....10198  | Union of South Africa.   |
| tests.....14782   | Turkey Procurement Pro-<br>gram for 1945.....5472  | Typhus   | Citrus Bd.....4271   |
| transmission.....17026  | Turkeys.....22754  | China.....7728   | Union of South Africa.   |
| Union of South Africa.<br>2462  | breeds and breeding....<br>2702,5658,27537,<br>27551,27554,27563   | control.....23565,23567                                      | Col. of Agr., Potchef-<br>stroom. Seed Testing                 |
| Uruguay.....27424   | Jersey Buff.....22621  | Europe.....658,12910   | Sta.....8960   |
| in goats.....17563  | Canada.....2901  | North Carolina....28234                                      | Union of South Africa.   |
| in man.....17026,27426  | care.....2838,2857,2875,<br>2893,2905,7521,<br>7524,7540,7548,<br>7556,7580,9850,<br>22703,22733,22746,<br>25799,27692 | transmission.....7728,<br>12910-11                           | Dept. of Agr. and  |
| in poultry....2815,7483,<br>12116,17647                                 | conferences and con-<br>gresses.....12195  | See also names of gen-<br>era.                               | Forestry.....26359   |
| in sheep.....12267,17559  | cost and returns...4952,<br>9967,24823   | Typha.....10646  | Union of South Africa.   |
| in swine.....2815,12116,<br>12342,17644                                 | directories.....27694  | Typhlocyba.....12768   | Col. of Agr., Potchef-<br>stroom. Seed Testing                 |
| control.....17647   | diseases.....7485,12195,<br>22655,22677,25857  | Typhlocyba froggatti.22976                                   | Sta.....8960   |
| Minnesota.....17647   | equipment.....18351  | transmission.....12868                                       | Union of South Africa.   |
| tests...2319,17019,25342  | farms and ranches..7577,<br>17355,17405,22719,<br>27690  | Typhonium.....10198  | Dept. of Agr. and  |
| transmission..7483,28893  | diversified.....2856,<br>8949,27710  | Typhus   | Forestry.....26359   |
| See also Mycobacterium  | feeding and nutrition...<br>462,2728,5658,<br>17271-2,17281,20333,<br>22632  | China.....7728   | Union of South Africa.   |
| tuberculosis; Mycobac-<br>terium tuberculosis                           | pasture and range..286   | control.....23565,23567                                      | Natl. Bot. Gards....20652                                      |
| bovis.  | fertility .....22612   | Europe.....658,12910   | Unionicola.....23117   |
| Tuberculosis, avian   | frozen.....28988   | North Carolina....28234                                      | Unions. See Labor,   |
| in poultry.....25344  | hatching.....2863,2877   | transmission.....7728,<br>12910-11                           | organization.  |
| Tubes, rubber.....18240   | heredity.....12039   | See also Scrub typhus.                                       | United Nations Conf. for                                       |
| Tubicera lichtwardti..7997  |  | Tyroglyphus nadinus n. sp.<br>23113                          | Internatl. Organ....9326                                       |
| Tucuman Estación  |  | Tyrochagus longior...23109                                   | United Nations Conf. on  |
| Experimental Agrícola...<br>1132  |  | Tyrosinase.....1104  | Food and Agr.....9938  |
| Tucumcari Irrigation  |  | Tyrosine, in poultry   | United Nations Food and  |
| Project.....27028   |  | nutrition.....2733   | Agriculture Organiza-<br>tion. See Food and Agr.               |
| Tularemia   |  | Ubertyni, B.....16856  | Organ. of the United   |
| transmission.....3373   |  | Udders, of cattle....2466,<br>11871,11873,27430              | Nations.   |
| See also Pasteurella  |  | of rabbits.....7607  | United Nations Interim   |
| tularensis.   |  | of swine.....27831   | Comm. on Food and Agr....<br>29446                             |
| Tulip.....1547,6511,9025,<br>11000,21526,26755                          |  |  | United Nations Relief and                                      |
| Tulip bulb anhid. See   |  |  | Rehabil. Admin..665,8384,<br>9858,13167,14025,<br>15121,19191  |
| Anuranhis tulipae.  |  |  | United Provinces (India).                                      |
| Tulip root  |  |  | Military Poultry   |
| of oats.....15559   |  |  | Devlpmnt. and Mktg.  |
| of weeds.....15559  |  |  | Scheme.....24471   |
| Tuliptree....11553,14838,<br>21028                                      |  |  | United States Antarctic  |
| seed.....26560  |  |  | Serv. Expedition, 1939-<br>41.....3367,3632,5206               |
| Tull, Jethro.....9500   |  |  |  |



- | <u>Item</u>                  | <u>Item</u>                | <u>Item</u>                 | <u>Item</u>                  |
|------------------------------|----------------------------|-----------------------------|------------------------------|
| U. S. Army                   | U. S. Dept. of Agr.--Con-  | U. S. Dept. of Agr.--Con-   | U. S. Interstate Com.        |
| Corps of Engineers.....      | tinued.                    | tinued.                     | Comm. 14920-4, 18426, 18429, |
| 16465, 16477                 | Anim. Indus., Bur. of--    | personnel.....9610, 9625,   | 20152, 20225-7,              |
| food.....3903, 4496, 6661,   | continued.                 | 19915, 25239, 25251,        | 25640-1, 28899               |
| 8693, 9433, 11019,           | Region. Swine              | 25453, 25477-8              | U. S. Natl. Museum....3499   |
| 11031, 13269, 23795,         | Breeding Lab.....3033      | Personnel, Off. of. 20163   | U. S. Natl. Park Serv..667   |
| 29421                        | appropriations. 669, 5875, | training.....25474-5        | U. S. Naval Air Sta.,        |
| forestry.....7027, 7030      | 26115                      | Plant Indus., Soils, and    | Quonset Point, R. I...296    |
| Fourth Service Command..     | Commod. Credit Corp..56,   | Agr. Engin., Bur. of        | U. S. Naval Prison Farm,     |
| 18016, 18024                 | 5399-400, 9904,            | publications.....14884      | Mare Island, Calif...2439    |
| health.....18038             | 19978-81, 19991,           | publications...11, 14857,   | U. S. Navy.....12729, 28117  |
| Inst. of Path. Registry      | 19994, 25353,              | 20046, 25463                | training.....20160           |
| of Vet. Path.....27323       | 25355-6, 25359,            | regional laboratories...    | U. S. Off. of Defense        |
| milk.....18612               | 28689                      | 2354                        | Transportation.....22523     |
| pest control...3462, 7899,   | Dairy Indus., Bur. of...   | Rural Electrifi. Admin...   | U. S. Off. of Price Admin.   |
| 12415, 12423                 | 25368                      | 9629, 9922, 14897,          | 3924, 9553, 10075,           |
| training.....20160           | directories.....14808      | 25618, 25620-1              | 13238, 13781, 13910,         |
| Veterinary Corps.....4496    | Distribution, Off. of...   | Secretary, Off. of. 20199   | 14925, 15204, 19099,         |
| See also Armed forces;       | 19830                      | services.....25493          | 28866                        |
| Equipment, military;         | Meat Insp. Div...13806     | Soil Conserv. Serv..194,    | U. S. Penitentiary,          |
| Land, military; Nutri-       | Ent. and Plant Quar.,      | 20207, 20223,               | Atlanta, Ga.....27845        |
| tion (human), armed          | Bur. of....20005, 25378,   | 21896, 27058-9              | U. S. Tennessee Valley       |
| forces; Veterans; Vet-       | 27925                      | Biology Div.....20210       | Authority. 3485, 3490, 9904, |
| erinary medicine, Army;      | Insecticide Invest.,       | personnel..9636, 14911,     | 12731, 18023, 21891,         |
| and subheads armed           | Div. of                    | 20212                       | 24793, 24795-6,              |
| forces and war use           | patents.....5413           | See also names of           | 26941, 29444                 |
| under specific subjects.     | publications...5413        | soil conservation           | bibliographies.....20624     |
| U. S. Bur. of Indian         | Expt. Sta., Off. of.....   | districts.                  | U. S. Veterans Admin.14504   |
| Affairs.....667              | 8638, 25382                | Solicitor.....24642         | U. S. War Dept. See U. S.    |
| U. S. Bur. of Reclam.....    | Ext. Serv.....8638, 9585,  | Supply, Off. of             | Army.                        |
| 667, 16442                   | 15305, 19567, 19602,       | Procurement and Price       | U. S. War Prod. Bd...7082,   |
| U. S. Children's Bur..5768   | 20031, 20043, 25411        | Support Branch              | 14774                        |
| U. S. Dept. of Agr. 12, 152, | Ext. Inform., Div. of.     | directories.....14936       | U. S. War Relocation         |
| 480, 517, 663, 3905,         | 25412                      | Shipping and Storage        | Authority.....668, 5876      |
| 5105, 5447-9, 14724,         | Field Studies and          | Branch                      | U. S. War Shipping Admin..   |
| 19901, 20117-18,             | Training, Div. of....      | directories.....14935       | 26030                        |
| 20162, 21396, 22800,         | 14806                      | U. S. D. A. Clubs.....      | U. S. Works Prog. Admin...   |
| 25165, 25176, 25252,         | Foreign Student            | 20161, 25481                | 514                          |
| 25267, 25455, 25461,         | Program.....25388,         | War Food Admin.....4070,    | Upholstering.....325         |
| 27756-7, 29486,              | 25401-2, 25407             | 4784, 5448, 8450,           | Upper Snake River Valley     |
| 29490                        | publications.....5425,     | 8689, 9098, 13924           | (Idaho) Dairymen's Assoc.    |
| Agr. Adjust. Agency....      | 25396                      | 14923, 19602, 25660,        | 8547                         |
| 2265, 9546, 13236,           | Farm Credit Admin...111,   | 29114                       | Upper West Fork Soil         |
| 15210, 19821, 19920          | 4724, 9904, 14032,         | U. S. Dept. of Agr. Wel-    | Conservation District,       |
| directories.....14750        | 16566, 19226, 20051-2      | fare Assoc., Inc...19914    | Tex.....16519                |
| maps.....25                  | directories.....14823      | U. S. Dept. of Com.         | Urea, in animal nutrition.   |
| See also Agricultural        | Farm Security Admin....    | appropriations.....669      | 288, 7236, 11673             |
| Conserv. Program.            | 5483, 9063, 14401,         | U. S. Dept. of Labor        | Urea hydrochloride.....7157  |
| Agr. and Indus. Chem.,       | 19225, 20054, 24939        | appropriations.....669      | Urechites lutea. See         |
| Bur. of.....9484, 19132      | publications.....25423     | U. S. Dept. of the          | Vipertail, hammock.          |
| Citrus Prod. Sta. 28807      | Fed. Crop Insurance        | Interior                    | Uredinales.....26277         |
| East. Region. Res.           | Corp...9597, 14052, 20062  | appropriations..667, 5864   | Uredo.....26277              |
| Lab.                         | See also subheads          | U. S. Emergency Court of    | Urena. See Cadillo.          |
| publications...9551          | under Insurance.           | Appeals.....14925           | Urginea. See Sea-onion.      |
| North. Region. Res.          | Forest Serv. 11689, 14850, | U. S. Employment Serv.....  | Urine, as fertilizer. 6943,  |
| Lab.....14693, 29038         | 16619, 20113, 22165        | 20031                       | 21977                        |
| South. Region. Res.          | films.....5433             | U. S. Fed. Reserve          | Urocystis.....6017, 26288    |
| Lab.....8392, 18714          | Forest Prod. Lab.....      | System.....6889             | Urocystis cepulae. See       |
| West. Region. Res.           | 16653, 27241               | U. S. Fed. Security         | Smut, of onion.              |
| Lab.....9515                 | publications.....5436      | Agency                      | Urocystis tritici.....907    |
| publications...5379,         | Rocky Mountain Forest      | appropriation bill for      | Urophlyctis.....878          |
| 25282                        | and Range Expt. Sta..      | 1946.....666                | Urrbrae (Australia) Agr.     |
| Agr. Econ., Bur. of          | 5438                       | U. S. Fish and Wildlife     | High School.....19629        |
| Crop Reporting Serv...       | Graduate School....148,    | Serv..12225, 22800, 27756-7 | Urtica pilulifera...10454    |
| 8407                         | 14852, 25451               | U. S. Food and Drug Admin.  | Urticaria.....16787, 27300   |
| publications...19949,        | Human Nutr. and Home       | 18886                       | Uruchus.....17854            |
| 25299                        | Econ., Bur. of             | U. S. Foreign Econ. Admin.  | Uruguay. Junta de Carnes..   |
| Agr. Res. Admin.             | publications.....14853     | 8693, 24810, 25267          | 24366                        |
| publications.....25341       | information services....   | U. S. General Land Off....  | Utilaginales.....20355       |
| Region. Pasture Res.         | 20019                      | 667, 5864                   | See also Smut.               |
| Lab.....25340                | Library...19823, 19917-18  | U. S. Government. See       | Utilago...6001, 6017, 26288  |
| Anim. Indus., Bur. of...     | Albuquerque Branch....     | Government; and names of    | See also names of dis-       |
| 4524, 7264,                  | 154                        | agencies.                   | eases and host plants.       |
| 25345-50                     | Branch libraries.          | U. S. Grazing Serv.....667  | Utilago avenae.....984       |
| Range Livestock Expt.        | publications...25471       | U. S. Interdepartmental     | See also Smut, of oats.      |
| Sta. 14784                   | publications..25469-70     | Com. on Cultural and        | Utilago hordei.....6131,     |
| regional laboratories.       | Mktg. Serv., Off. of....   | Sci. Coop.....29486         | 10382, 15604                 |
| 2351                         | 163, 9612                  | See also Smut, of bar-      | ley.                         |
| Region. Poultry Res.         | Mktg. Facilities           |                             |                              |
| Lab.....25343                | Branch.....14861           |                             |                              |



- | Item                               | Item                      | Item                      | Item                      |
|------------------------------------|---------------------------|---------------------------|---------------------------|
| <i>Ustilago maydis</i> . See       | Vegetables--Continued.    | Vegetables--Continued.    | Vegetables--Continued.    |
| <i>Ustilago zeae</i> .             | Argentina.....4315,26832  | dried--continued.         | pests.....588,826,3156,   |
| <i>Ustilago nigra</i> .....15604   | Australia.....4357,8701,  | quality.....15168         | 5707,7705,7742            |
| See also Smut, of                  | 13600,16196,18805,        | statistics.....25526      | 8053,9658,12412,          |
| barley.                            | 18822,18829               | storage.....15168         | 12446,12450,12459,        |
| <i>Ustilago nuda</i> . See Smut,   | bacteria.....8709         | drying.....534,4351,4353, | 15110,22969,25379,        |
| of barley.                         | blanching.....13653       | 4357,5628,8746,           | 25942,25960,27897,        |
| <i>Ustilago scitaminea</i> . See   | Brazil.....15891,20524    | 8759,18832-3,24228,       | 27922                     |
| Smut, of sugarcane.                | breeding.....1631,6615,   | 24244,24250,28780         | physiology....1066,16200  |
| <i>Ustilago svaegazzinii</i> . See | 11033,21578,25243         | equipment.....23679       | planting...355,1585,6639, |
| Smut, of grass.                    | California.....13546      | home.....25765            | 6671,11013,11018,         |
| <i>Ustilago zeae</i> .....2490     | Canada..4380,13593,18795  | fertilizers..5607,11235,  | 11029,11040,11047.        |
| See also Smut, of corn.            | canned..13248,18829,18831 | 16339,16346,16358,        | 16176,16191,19961         |
| Utah Poultry Prod. Conv.           | bacteria.....13642        | 16361,16367,21762.        | Portugal.....24141        |
| Assoc.....4607                     | nutritive value...9432    | 21777-8,21800,26973       | postwar.....8706,13571    |
| Uterus                             | purchase and sale         | Finland.....8736          | preservation...476,534,   |
| diseases.....27295                 | programs.....14949        | Florida.....8699          | 3933,4252,4296,           |
| of cattle.....17007                | regulation and inspec-    | for processing....1289,   | 4352,8745,8758,           |
| of dogs.....2593                   | tion.....5487,9651        | 1622,11238,13630,         | 9422,9666,13632,          |
| of horses.....12001                | situation and outlook.    | 14955,25333,26029,        | 24229,24259,24269         |
| of livestock.....27291             | 18844,28498               | 28780                     | home....43,8762,13649,    |
| See also Metropathy.               | spoilage.....18817        | France.....13632,15282,   | 24220                     |
| Uthwatt Report..5725,25986         | vitamins.....14591        | 16183-4                   | prices...270,14955,25520  |
| Utility Poultry Judges             | canning...534,8760,24248  | freezing..534,1289,1622,  | control..8738-9,18822,    |
| Registration Bd.....27643          | cooperative.....13252,    | 5710,8768,8770,           | 26029                     |
| Utility rooms.....459              | 13664                     | 9529,13622,13631.         | processed.....20229       |
|                                    | home...4356,5415,5417,    | 13645,13647,13665,        | grading and standardi-    |
|                                    | 9849,13628,15078,         | 18826,20049,20373         | zation.....9535           |
| Vaccines..2778,12023,13919,        | 20457                     | frozen...4365,4376,8744,  | processing....4355,4380,  |
| 16853,22267                        | labor.....14932           | 15184                     | 8761,24222,24226          |
| Spain.....2341                     | color.....13601           | quality.....4335          | products.....13248,13583  |
| See also Immunization;             | containers.....24200      | Germany.....9933,18782,   | purchase and sale         |
| names of vaccines; and             | cookery.....322,340,449,  | 21564,21597               | programs.....25357        |
| under names of diseases            | 475-6,5711,9537.          | grading and standardiza-  | purchasing.....20229      |
| and organisms.                     | 9833,20388                | tion.....8736,9623        | regulation and inspec-    |
| Vaccinium.....26194                | cooperatives..8727,18807, | Great Britain..4353,9861, | tion.....208,20004        |
| See also Blueberries.              | 24184,28762,28769         | 18833,20576,24187         | research.....4360         |
| Vaccinium arctostaphylos.          | costs and returns...9861  | harvesting...4312,19961   | Rhode Island.....25778    |
| See Whortleberry,                  | culture....89,1072,1298,  | Hawaii.....9770           | salted.....13643          |
| Caucasian.                         | 1619,1642,1647,           | Honduras.....18774        | seeds....1657,4638,8961,  |
| Vacuum packing. See under          | 1891-2,5835,5845,         | Hungary.....13567         | 11026,13927,14486,        |
| Food.                              | 6625-6,6642,6661,         | India..9998,16215,20587,  | 14767,16190,19947,        |
| Vaginitis, in cattle.....          | 9694,9730,9861,           | 26848                     | 19965,20668,24490         |
| 11899,16989,17033,                 | 10030,11019,11031,        | industry.....4256,24178   | tests.....1590            |
| 27420                              | 14746,15281,21557,        | injuries.....15421,20780  | treatment.....20392       |
| Vail, Elias.....9966               | 21581,21830,26090-1,      | irrigation.....21864      | shows and sales...21226   |
| Valdensia heterodoxa               | 26854                     | Italy.....18759           | situation and outlook...  |
| on beech.....10332                 | home raising...82,358,    | juices...5487,8751,9651,  | 4258,4260,4273,           |
| Valencia (Spain) Cámara            | 1600,1650,1665,           | 13652,24222               | 8387,18778,20531,         |
| Official Agrícola....24740         | 6613-14,6641,6654,        | labor.....25815           | 25300,25332,25334,        |
| Valerianaceae.....20596            | 10008,15071,15079,        | leafy..14613,26848,29420  | 28731,28741               |
| Valbagonia.....3450                | 15272,16174,16206,        | legislation..18804,20182  | soils.....6842            |
| Valves.....13054                   | 16220,16222,16231,        | market reports...25520,   | South Carolina.....21886  |
| Vanadium                           | 20359,20423,20592,        | 25529,25539,              | Spain.....21590,24191     |
| effect on plants...15624           | 25814,26826,26832         | 25547-8,25556,            | spraying and dusting...   |
| in plants.....15623                | seasonal.....16184,       | 25561,25584,25599         | 349,380,5590,             |
| Vanessa cardui..18145,23513        | 16231,21568-9,            | 25561,25584,25599         | 6645,9658,25942           |
| Vanilla..9581-2,13284,13321        | 25918,25954,26829         | marketing..270,308,4252,  | statistics....155,5450,   |
| anatomy and physiology..           | diseases..230,6048,25960  | 4312,4327-8,8717,         | 9554,9556,9613,           |
| 11107                              | California.....25667      | 8719,8721,8725,           | 15184,25505,25520,        |
| beans.....118,28522                | control....10328,10373    | 9618,13600,15096,         | 25581,25608,28512         |
| Varestrongylus sinicus n.          | New Jersey..840,6063,     | 18803-5,18812,            | storage...534,4374,9754,  |
| sp., in goats and sheep..          | 15443                     | 20053,24183,24187,        | 13113,23757,23763,        |
| 22828                              | New York (State)..15421   | 24191,24196,25756,        | 24227,24239,24246         |
| Varnishes. See Paints and          | South Dakota.....10301    | 28766,28768               | diseases and pests...     |
| varnishes.                         | U. S. S. R.....20886      | New England.....8694      | 6032,8773                 |
| Vaseline.....11632                 | Wisconsin.....15110       | New Mexico.....20423      | home.....25956            |
| Vatova-Schiffner....26265          | distribution.....24195    | New Zealand...4357,8185,  | substitutes.....14560     |
| Vats                               | dried...4363,4366,23679,  | 20583                     | Sweden.....21609          |
| for dipping.....13101              | 24209,28435               | nutritive value....476,   | Switzerland..11041,16201, |
| for wine.....28561                 | analysis and composi-     | 9397,9403,9979,           | 16240                     |
| Veal.....5487,9624                 | tion.....4304             | 14578,20388,25132,        | Texas.....26829           |
| Great Britain.....4481             | bacteria.....4301         | 25142                     | trade..9770,14484,15096,  |
| Vecchi-Finzi formula..17179        | Canada.....4346           | ornamental....1527,6481   | 20069,26017               |
| Vedalia. See Rodolia               | chemistry.....20564       | packaged....23844,28775   | transportation..538,8718, |
| cardinalis.                        | cookery...15168,18834     | packaging...13612,13614,  | 8724,13214,13599,         |
| Vegetable marrow.....1604          | gas packing.....24235     | 18818                     | 13602,20147,28760         |
| Vegetables.....4285,25301          | moisture content..13578   | Palestine....16190,16221  | Union of South Africa...  |
| acreage.....28741                  | nutritive value..20564    |                           | 6649,6671,8719            |
| analysis and composi-              | postwar.....14734         |                           |                           |
| tion.....16346                     |                           |                           |                           |



- Vegetables--Continued.**  
 U. S. S. R...6605,10068, 26824  
 varieties....1617,1637, 1643,1652,1662, 5356,5843,6615, 6670,10811,11018, 16187,16214,25778, 26676  
 Venezuela.....26017  
 vitamins.....1606,5256, 9422,9460,9470, 19783,25107  
 waste.....4305  
See also 4-H Clubs, gardens; Gardens and gardening, victory; Greenhouses, vegetable culture; Greens, edible; Root crops; Truck farming; and names of vegetables.
- Vegetation**  
 Argentina  
 La Plata Region..10101  
 Australia.....695  
 Queensland.....10156  
 California....5892,15320  
 Cameroun.....26129  
 Chile.....29440  
 Chico.....25184  
 conservation.26112,26157  
 French Equatorial  
 Africa.....26129  
 Guatemala.....20670  
 Kenya.....10010  
 Libya.....24592  
 Morocco.....21412  
 New Jersey.....15339  
 Pacific Islands....5903, 10089  
 Palestine.....10124  
 Peru.....26157  
 Union of South Africa  
 Cape of Good Hope.... 26400  
 Drakenberg Mountains.. 10123  
 Venezuela.....26170  
 Wyoming.....25795  
See also Ecology, plant; Flora; Ranges, vegetation; Revegetation; Water conservation, effect of vegetation.
- Veladyris n. g.**.....28182  
**Velamysta**.....28182  
**Veld**.....1245,7114  
**Velva fruit**.....5332,14739  
See also Peach velva.  
**Velvetbean**.....1224  
**Velvetbean caterpillar.**  
See Anticarsia gemmatilis.  
**Veneers.**2215-16,7087,7089, 7091,11621,11623, 16648,16703,22157, 22160,27219  
 equipment.....27241  
 manufacture.....20085  
See also Plywood.  
**Venezuela. Ministerio de Agricultura y Cría.**2666, 26031  
 Servicio de Higiene y Sanidad Animal....2332  
**Venice. Museo Civico di Storia Naturale**....26265  
**Ventilation**.....28388  
See also under Poultry, housing.
- Venturia inaequalis.** See Scab, of apple; Scab, of pear.  
**Veratrine**.....18008  
**Verbascum**.....16036  
See also Mullein.  
**Verbena**.....770  
**Verbenaceae**.....966,5961  
**Verein deutsch-schweizerischer Bienenfreunde**.3217, 3235,3258-9, 7797-8,7817,8824, 27948,27958  
**Vergil (Publius Vergilius Maro), Georgics**....10080, 17772  
**Vermicularia graminicola**.. 26273  
**Vermiculite**.....26532  
**Vermilion School of Agr., Alberta, Canada**.....5059  
**Verminekrin**.....17191  
**Vt. State Planning Bd.**.... 16469  
**Vermouth**.....3971,18532  
**Vernonia**.....10209  
**Vernonia polyanthes**..15396  
**Verruca peruviana.** See Oroyo fever.  
**Verticillium wilt**  
 of guayule.....20855  
See also names of diseases and host plants.  
**Vescia nostralis n. sp.**.... 28135  
**Vesicinae**.....28135  
**Vesicularia**.....20729  
**Vespa**.....28158  
**Vespidae**.....3544  
See also names of genera.  
**Vespa vulgaris**.....3546  
**Vetch**.....1195,7477,9783, 10745,26913  
 breeding.....15609  
 culture.....15755  
 diseases.....10353  
**Vetch, hairy**.....11163  
**Veterans**.....25932  
 apiculture....3202,7812, 12467,12474,23064  
 Australia.....19179  
 bibliographies....20609  
 Canada.....29240,29244  
 credit..4731,9593,20056, 20061,24623-4, 25273,25420  
 dairy farming.....29204  
 employment...4780,14087, 14815,14938,20031, 20163  
 farming....1961,4968-70, 4980,9238,14223, 14226-7,14234,14241, 14253,14255,19414, 19439,19471,24786, 24889,29176,29182, 29186,29199,29208, 29220  
 forestry.....25445  
 Germany.....19414,19656  
 housing.....9921,10075, 26005  
 land settlement....9233, 9237,9903,9921, 14298,15143,24849, 24853,24856,25998  
 Arizona.....25661
- Veterans--Continued.**  
 land settlement--continued.  
 Australia..4971,14333, 19522,24843,24855, 24866,29239  
 British West Africa.... 19521  
 Canada.....9229,9242, 14309,19509,19528, 24864,29240-1, 29244  
 Great Britain....9235, 24842  
 New Mexico.....29242  
 Newfoundland....24851  
 Nigeria.....4976  
 Washington (State).... 19503  
 occupational therapy.... 14397,16149  
 poultry farming...19418, 24862  
 programs.....15122  
 services.....9230,9244, 20036,25649,25975, 26111  
 bibliographies....9584  
 training.....5026,5064, 5067,5069,5077, 5097,5099,9312, 14397,19571,19610, 19656,19659,19661, 24950,24973,25475, 29283  
 Great Britain....29273  
 New Zealand.....29274  
 U. S. S. R.....24786  
**Veterans Agr. Advisory Com., Lincoln County, N. Mex.**.....26111  
**Veterans Land Act (Canada)**.....14309,19509, 29240  
**Veterinarians**...2317,7156, 11730,16810,16822, 22247,27326  
 Argentina.....22272  
 directories.....11693  
**Veterinarnyi Nauchno-Issledovatel'skii Institut Krasnoi Armii Ordena Krasnoi Zvezdy**....11738  
**Veterinary medicine** 9962  
 16980,20554,22258, 26039,27292  
 Africa.....11734  
 Argentina.....22250  
 Army.....2323  
 associations.....11692  
 Australia.....22238  
 Bulgaria.....11739  
 Canada.....22262  
 diagnostic methods.2309, 11695,11733,11746  
 directories.....11693  
 drugs....2304,2315,7149, 11731,12111,16840, 16983,17327,22229, 22236,26033,27291  
 administering....17349  
 substitutes.....7152  
 Eire.....22230  
 Germany.....11707,14722, 16848,26041  
 Great Britain.....9959, 22219,27305  
 history 2317,11720, 11730,16777,16792, 16795,16814,22250, 22279
- Veterinary medicine--Continued.**  
 continued.  
 India..2305,11692,11720, 11735,27317  
 international relations. 22222  
 Italian Africa....14158  
 Italy..16776,16817,23835  
 Maryland.....7137  
 Mexico.....22234  
 Nyasaland.....22251  
 Peru.....16841  
 postwar.....2301,16839, 27324  
 practice..552,2287,3078, 7156,11698,11703, 11745,14679,16781, 16814,16822,16828, 16852,16990,22232, 22247,22268,22279, 22825,24364,27298, 27326  
 research.....16853  
 study and teaching.2305, 5067,11707,11719, 11735,16776,16841-2, 27315,27317  
 technique and equipment. 51,2304,2458, 2472,3006,5338, 7250,7339,7469, 11713,11721,11725, 11892,16785,16864, 22252,22267,22277, 22891,27328  
 sanitation.....17020  
 Uganda.....22271  
 U. S. S. R....7160,7167, 7175,11719,11723, 11738  
 Venezuela.....26038  
See also Anesthesia; Autopsies; Castration; Euthanasia; Immunization; Injections; Intubation; Obstetrics; Ovariectomy; Radioactive substances in veterinary medicine; U. S. Army. Veterinary Corps; names of drugs, diseases, and organs; and subheads diseases, parasites, and surgery under names of animals.  
**Veterinary Res. Inst. of the Red Army.** See Veterinarnyi Nauchno-Issledovatel'skii Institut Krasnoi Armii.  
**Veticillin**.....7136  
**Vetiver**.....11088  
**Vetchchain, Fritts von**.... 19851  
**Vibrio fetus**.....17570  
**Viburnum**.....1438,6604  
 pests.....23375  
**Viburnum acerifolium f. collinsii n. f.**....20713  
**Viburnum dentatum**....16022  
**Viburnum prunifolium**.16006  
**Vicentia**.....28138  
**Vicia faba.** See Broadbeans.  
**Vicia sativa.** See Vetch.  
**Victoria regia**.....21520  
**Victory Farm Volunteers**... 36,100,456,5609, 5670-1,14069, 19669,19883



- Item**
- Victory gardens. See  
Gardens and gardening,  
victory.
- Vigna.....5967  
See also Cowpeas.
- Vigna sinensis. See  
Cowpeas.
- Villages
- Africa.....24910  
Burma.....24913  
Central America.....9211  
China.....9901,29053  
Germany.....19561,24909,  
24911,24914  
Great Britain.....492,24912  
industries  
Great Britain.....26107  
Palestine.....9278  
Peru.....5030  
U. S. S. R.....5035,9213,  
19565  
Villev, C.....3457  
Villiers, A.....28031  
Vinca rosea. See Lochnera  
rosea.
- Vinegar..9937,13301,13315,  
23945
- Vinegar flies. See  
Drosophila.
- Vines..191,1288,1424,1540,  
20224  
See also Climbing plants.
- Vineyards. See Grapes.
- Viola...10105,10991,16170,  
26739  
diseases.....6134
- Viola charlestonensis n.  
sp.....5929
- Viola pavilionacea....1568
- Viola silvestris....10438
- Violet. See Viola.
- Violetail, hammock...27308
- Virgil. See Vergil  
(Publius Vergilius Maro).
- Va. Dept. of Agr. and  
Immigration.....29459
- Viridin.....21017
- Virus C, of potato...15543
- Virus Y  
of potato.....922  
of sweetpotato....10391
- Viruses and virus dis-  
eases.....19810  
properties.....977  
transmission.....221  
See also names of dis-  
eases.
- Viruses and virus dis-  
eases (animal).....11750  
in poultry....7472,7493,  
17333  
See also names of dis-  
eases and under names  
of animals.
- Viruses and virus dis-  
eases (plant)....928,981,  
6165,10393,  
15546-7  
control.....3392  
names.....15275,15550  
of apple.....26375  
of bean.....925  
of blueberry.....6160  
of cacao.....924,8047  
of cassava.....10395  
of cherry.....26379  
of citrus.....6156  
of crucifers.....20878  
of Dianthus.....856
- Item**
- Viruses and virus diseases  
(plant)--Continued.  
of fruit.....6163,10302,  
15549  
of guayule.....26382  
of Mathiola incana.26376  
of ornamental plants....  
6155  
of potato.....918,15544,  
15556  
of strawberry....915,919  
of sugarcane.....26373  
of tobacco.....929  
of tomato.....927,15553  
properties.....925,6153,  
6157,6162,10071,  
15551,20876-9,  
26378  
technique and equipment.  
6167  
transmission.6158,15557,  
20261-2,20758,  
20873,23354,25664,  
26377  
See also names of dis-  
eases and under names  
of plants.
- Viscogela.....2334
- Viscum album.....10186  
See also Mistletoe.
- Vitaceae.....10233
- Vitamin A....14586,25096,  
29418;29430  
and health.....5259  
in animal nutrition....  
2503,7276,12317,  
12325,16962,20313,  
22211,27276,27289  
in butter...14565,14580,  
14606,19787,25244  
in fish products..19772,  
19779,25148  
in food..5256,5492,9451,  
14581,20250,20357  
in fruit.....217  
in human nutrition.....  
5242,14609,20446  
in liver.....14575,14598  
in milk.....9429,20252  
in poultry nutrition....  
2754,7449,7484,  
22211,22640  
in vegetables.....9405  
stability.....25148  
tests.....9410,25138  
See also Carotene.
- Vitamin B.....14563,29403  
growth substance...25120  
in animal nutrition....  
11954  
in food.....25143  
in plants.....1092  
in vegetables.....25139  
stability.....25139-40  
tests.....9750,25085  
See also Aneurin; Panto-  
themic acid; Pyridox-  
ine; Riboflavin;  
Thiamine.
- Vitamin B<sub>1</sub>....25113,29412  
in human nutrition.9455,  
20447  
in yeasts.....5258  
preparation.....19794  
stability.....25100  
See also Aneurin;  
Thiamine.
- Vitamin B<sub>2</sub>.....25154  
and health.....25163
- Item**
- Vitamin B<sub>2</sub>--Continued.  
in human nutrition.20448  
in milk.....25146  
See also Niacin;  
Pantothenic acid;  
Riboflavin.
- Vitamin B<sub>6</sub>.....29422  
See also Pyridoxine.
- Vitamin B<sub>12</sub>.....19765  
in poultry nutrition....  
22630,22645
- Vitamin C.....9421  
and health...9408,9834,  
19771  
deficiencies.....9434  
in animal nutrition.....  
17629  
in food.....5229,14557,  
25129,25151  
in fruit.....217,5227,  
14605,25121  
in human nutrition.20450  
in milk.....9415,14593,  
19781,19789  
in nuts.....26549  
in plants...10556,10610,  
10629,10646,15712,  
15718,15726,26545  
in vegetables.....1776,  
14591,19783  
stability....9431,9461,  
19776,25091,25106,  
25118  
synthetic.....25129  
tests.....9462  
See also Ascorbic acid.
- Vitamin D  
deficiencies.....25149  
in animal nutrition....  
7111,11654,16775  
in liver.....14598  
in milk.....9471  
in poultry nutrition....  
2740,7447,7451,  
22634,22649  
tests.....25119,27575
- Vitamin E  
in poultry nutrition....  
27618  
sources.....25125  
therapeutic use....22274
- Vitamin G. See Riboflavin;
- Vitamin B<sub>2</sub>.
- Vitamin H. See Biotin.
- Vitamin K.....9445  
in poultry nutrition....  
27621
- Vitamin P.....9436,15241,  
25122,29415
- Vitamins...5212,5827,9402,  
14577,14596,14608,  
15235,29402,29427  
and health...5192,5247,  
26060  
effect on fungi...10550  
Germany.....9981  
in animal nutrition.....  
2266,2429,7287,  
11664-5,16768,16955,  
16963,17194,22178  
in food.....25790  
in human nutrition.5200,  
5255,9456,19788  
in insect nutrition....  
28143  
in plants.....25757  
in poultry nutrition...  
370,7460,9693,  
27575,27580,27583
- Item**
- Vitamins--Continued.  
India.....9385  
sources...9411,9435,9453  
stability....3929,5243,  
14561,14610,14612,  
23988,25084,25095,  
25101  
tests.....19974,25104  
therapeutic use...11736,  
22217  
See also Growth sub-  
stances for plants;  
names of specific  
vitamins; and under  
names of products.
- Viteus vitifoliae. See  
Phylloxera vitifoliae.
- Vitex agnuscastus. See  
Chaste-tree, lilac.
- Vitex negundo. See  
Chaste-tree, negundo.
- Vitis. See Grapes.
- Vittaria.....20722
- Vleis.....26940
- Volinus.....12662
- Volucella zonaria....17981
- Volumnus obscurus....23380
- Volvaria bombycina...15409
- Volvaria diplasia....16232
- Vriesia.....5978
- Vsesoiuznaya Akademiya  
Nauk. See Akademiya  
Nauk, Leningrad.
- Vsesoiuznaya Konferentsi-  
ya po Brutsellëzu Sel'-  
skokhozyaystvennykh  
Zhivotnykh, 1943.....7159
- Vsesoiuznaya Riksovala  
Stanfaia.....29488
- Vsesoiuznoe Agronomiches-  
koe Soveshchanie, 1945...  
4867
- Vsesoiuznoe Obshchestvo  
Pochvovedov.....11119
- Vsesoiuznyi Nauchno-  
Issledovatel'skiy  
Institut Agrolesomeli-  
oratsii.....29488
- Vseukrains'ka Akademiya  
Nauk, Kiev.....6251
- Vultures.....22280
- Wages.....4779,4781,4784,  
9098,14865,19285-6,  
29118  
Argentina.....19267  
Australia  
Tasmania.....24675  
Canada..4802,14080,19264  
France.9266,14064,14067,  
14073-4,14077  
Germany.....24672  
Great Britain.....4756,  
19273,24655,29117  
Wales.....9892  
in industry.....11554  
Portugal.....23906  
postwar.....29095  
regulation....150,5458,  
14056,19261,19409,  
20122  
situation and outlook...  
29063  
statistics...9101,19190,  
23906,25248  
Argentina.....28511  
U. S. S. R.....4798  
Uruguay....19258,19274,  
24664  
Wagons.....18299



- | Item   | Item  | Item  | Item  |
|--|---|---|---|
| Wah, in sheen and goats... 12256                                       | Water--Continued.   | Water--Continued.   | Weeds..620,1680,1684,6680,16247,25892   |
| Wahlenbergia.....21370   | effect on plants....926,1006,1035,1070,5703,6250,6252,11226,21009,21309                 | See also Drainage; Drought; Floods, control; Hot water (insecticide); Irrigation; Ponds; Precipitation; Runoff; Soils, moisture; Stream flow. | anatomy and physiology.. 6257   |
| Waite, Merton Benway.9506,25202  | forest relations...1991,16444,21855,21867   | Water conservation...189,1927,6877,6892,11377,11382,14909,14915,16287,16435   | Argentina....26857,26863  |
| Walker, E. H., Key to the More Common Plants (Aleutian Islands)..20597 | Germany.....11345   | Australia.....1915  | Australia.....16242   |
| Wallace, Henry A.....5737  | heating.....8348  | New South Wales..21873  | Ceylon.....26859  |
| Walls.....1801   | legislation..16419,16460,16469,16473  | conferences and congresses.....20213  | control.....1668-9,1671,1674,1676-8,1682,1686-7,1689,1836,3130,5352,6241,6677-9,6686,6688-9,6692,6839,6919,11057-8,11066,11073,11076-7,15814,16248,16250-1,16253,20798,21615,21617,21619-21,21627,21629,21631-2,21635-6,26857,26860,26864 |
| Walnut, black. See Walnut, eastern black.                              | programs....16465,16477,16480   | effect of vegetation.... 6885   | burning.....18217   |
| Walnut, eastern black.... 13584  | Missouri River Basin.. 27026  | Illinois.....9638   | chemical....5531,5611,6227,6256,6684,6690,10575,11054,11056,11062,11078,14723,15022,19800,21614,21616,21618,21622-4,21633-4,26858,26861   |
| soils.....21723  | purification.....24226  | Northeastern Region.... 20214   | equipment..18217,23611,23674,28271,28285  |
| wood.....11528   | rain.....2022,11139   | Northern Great Plains... 20215  | growth substances.... 6227,6280,11079,14883,15649,16244   |
| Walnut, English. See Walnuts.  | resources....14630,16465  | Pacific Region.....20216  | oil sprays..6685,11068,11072  |
| Walnut, Persian. See Walnuts.  | Georgia.....10049   | Platte River Valley.... 21869   | diseases....15527,15559,25663   |
| Walnuts.....1396,5855  | Illinois.....6862   | research.....14784  | Great Britain.....16243   |
| culture..279,21346,21348   | rights.....9634,11339,16421,20211   | Southeastern Region.... 20217   | India.....10009   |
| diseases.....20864   | storage.....16494   | Southwestern Region.... 20218,20221   | New Zealand.....11063   |
| resistance.....15993   | supply...1939,3844,6874,6877,8350,8354,13121,13129,16420,16427,20604,23963              | study and teaching...196  | seeds..1678,11055,11065,20979,21628,26856   |
| harvesting.....26729   | Arizona.....21882   | Upper Mississippi Region.....20219  | Union of South Africa... 6688,11059   |
| hybrids.....15993  | Australia.....27031   | Western Gulf Region.... 20220   | U. S. S. R.....21630  |
| industry.....5184  | California.....6869   | See also 4-H Clubs, water conservation.   | See also Herbicides; Poisonous plants; and names of weeds.  |
| Italy.....15996  | Chile.....6873  | Water dropwort.....16249  | Weevils.....17929,25679   |
| meal, as feed.....22192  | Colombia...16578,21885  | Water glass.....24462   | Uruguay.....12684   |
| Mexico.....28809   | Colorado...6881,20266,25669   | See also Sodium silicate.   | See also Curculionidae; and names of families and genera.   |
| pests.....9658,21490   | Columbia River Basin.. 202,11349,27043  | Water hyacinth. See Eichhornia crassipes.   | Weightbridges.....3646  |
| propagation.....21349  | farm....106,1902,6886   | Water power.....645   | Weights and measures..... 13222,24302,25181   |
| varieties.....10041  | Florida.....1937  | Canada bibliographies....5279   | Italian Africa....13224   |
| vitamins.....26549   | forecasts.....14914,25634-5   | Morocco.....8356  | See also Scales; and subhead weight and measurement under names of livestock.   |
| Walsura.....26218  | Great Basin.....11348   | Water troughs. See Tanks.   | Weischer, F.....11896   |
| War agricultural committees. See Committees, agricultural.             | Hawaii.....11346  | Waterchestnut.....6696  | Weisia sweetii n. sp.20728  |
| War bonds. See under Investments.                                      | Hudson Bay Region.... 27040   | Watering. See under Livestock and names of animals.   | Welding..1897,13045,23593,23596,23605   |
| War damage....14324,28329  | India.....6870  | Waterlily....21377,21416,26309  | equipment....5647,20386   |
| France.....24615   | Italy.....21897   | varieties.....21407   | Welfare. See Social welfare; and subhead welfare under Children, Families, Youth.   |
| Philippine Islands.15145   | Libya.....16430,24592   | See also Nelumbium nelumbo; Nuphar; Nymphaea; Victoria regia.   | Wells.....219,1929  |
| See also Reconstruction; Relief and rehabilitation.                    | Lower California.27034  | Watermelons.....5839  | Wells, artesian.....1931  |
| War Prod. Bd. See U. S. War Prod. Bd.                                  | Mississippi River Basin.....27040   | diseases.....285  | Wells Dairies Co-op...4046  |
| Warble flies. See Hyodermma.   | Missouri River Basin.. 11347,27036,27041  | varieties.....1660  | Werribee (Victoria) State Res. Farm.....27592   |
| Warehouses....18726,20148  | Nebraska.....16455  | Watnut.....26539  | Wertheim, I.....12519   |
| Warts.....23002  | New Mexico.....27009  | Watersheds..236,5438,6881,20604   | West Tenn. Truck Growers' Assoc.....24198   |
| of cherry.....15557  | Ohio.....11323  | Wattle. See Acacia.   | West Tex. Chamber of Com.. 18429  |
| of peach.....15557   | Oregon.....11349  | Waxes....10043,13845,21022  |   |
| of potato....20807,26338   | Pacific States.27042-3  | China.....26027   |   |
| Wash. Agr. Expt. Sta.26345   | Red River Basin..21880  | insect.....12803  |   |
| Wash. County (Va.) Devlmt. Assoc.....29270                             | Snake River Basin.6883  | plant sources.....19171   |   |
| Wash. State Reclam. Assoc. 16443                                       | Southern States.21871,27039   | See also names of waxes.  |   |
| Wash. Univ. Arboretum.... 26742  | systems..3845,3852,5468,13124,13142,14903,18377-8,28403,28406,28411,28417,28420-1,27037 | Waxmyrtle, southern..19168  |   |
| Wasmannia auronunctata.... 12799                                       | Texas.....27037   | Weather. See Climate and weather.   |   |
| Wasps.....3448,3546-7  | underground....202,1899,1902,1931,5529,6734,6870,11342,14964,16420,21867,21871,27025    | Weatherproofing. See Buildings, weatherproofing.  |   |
| hornets.....12375  | Arizona.....27010   | Weavers-broom..9018,10731,15195   |   |
| New Caledonia.....18095  | Australia.....27022   | Weaving.....20405   |   |
| See also names of families and genera.                                 | New South Wales.1901  |   |   |
| Waste as fertilizer.....21931  | Georgia.....27044   |   |   |
| utilization...5874,8591,14755,23807,25284,29038,29043                  |   |   |   |
| See also Chemurgy; Refuse, city; and under names of products.          |   |   |   |
| Water.....16468  |   |   |   |
| agreements.....21882   |   |   |   |
| control.....16425  |   |   |   |



- | <u>Item</u>   | <u>Item</u>   | <u>Item</u>   | <u>Item</u>  |
|---|---|---|--|
| W. Va. Ayrshire Breeders' Assoc.....2365  | Wheat--Continued.   | Wheat--Continued.   | Whipworms, in dogs. <u>See</u>   |
| W. Va. Dairymen's Assoc.....2556  | diseases--continued.  | seed..10702,12966,15788,  | Trichuris vulpus.  |
| W. Va. Dent. of Agr. Seed Lab.....24504   | Illinois.....6082   | 21007,21073-4,  | White ants. <u>See</u> Termites.   |
| W. Va. Holstein-Friesian Assoc.....2403   | Iowa.....6084   | 21089,26598   | White cedar, Port Orford.  |
| W. Va. Jersey Cattle Club.....2368  | Kansas.....6050   | testing.....26023   | <u>See</u> False-cypress,  |
| Western Australia. Stat-istician's Off.....18491  | Nebraska.....6077   | treatment.....24489   | Lawson.  |
| Western Colo. Prod. Coop..5154  | Ohio.....6025   | situation and outlook...4388,4419,5382,   | White-fringed beetle.  |
| Western N. Y. State Egg Laying Test.....12180   | Oklahoma.....6050   | 9114,13667,18867,   | <u>See</u> Pantomorus.   |
| Western Pa. Artificial Breeding Coop.....2390   | resistance..972,6125,6128,15268,26345,                            | 18877,18881,25338,  | White grubs. <u>See</u>  |
| Western pine beetle. <u>See</u> Dendroctonus brevicomis.  | 26361   | 28850   | Phyllophaga.   |
| Wettstein, Fritz von. <u>See</u> Vetschlain, Fritz von.   | Eire.....15770  | soils.....26891   | White Mountains Natl. Forest.....7024  |
| Wetwood, of elm.....15533,20866   | Ethiopia.....18856  | Spain.....28851   | White peach scale. <u>See</u>  |
| Wheat.....8803,26078  | fertilizers..9789,10054,11250,11266,16335,                        | statistics..5382,24279,   | Pseudaulacaspis pentagona.   |
| analysis and composition....8800,8804,8806,8810-12,18870,18884  | 16376,16401,20439,21758,21776,21796,21946,26963-5,                | 24307,25330   | White sapote.....21265   |
| anatomy and physiology..1020,1032,1756,4413,10541,10566,10576,10707,13670,13672,13698-700,15569,20846,20990,21000,21002,26398,26413,26421,26474,26478-9,26482,26509 | 27085   | storage..4389,4395,8342,18875,28820   | White sapote, woolly-leaf. 21265   |
| area of production.19931  | France.8776,10576,13691,13698-700,15767,21071-2,21075,21079       | diseases and pests....3123,3185,17750,23141,23159-60  | Whitehouse, Sir Beckwith..3596   |
| Argentina.....4387,4412,10677,13673,15796,18867,25022,26578,26586   | futures.....25363-4   | substitutes.....28839   | Whiteton, pennyweed..1675  |
| as feed..278,287-8,3043,3046,5401,16747,18875,25793   | germ.....4402,13684   | Switzerland.....21070   | Whitmore's bacillus. <u>See</u>  |
| for pigeons.....27576   | oil.....13863,25125   | trade...5165,15208,25022  | Malleomyces pseudomallei.  |
| for poultry.....22650   | grading and standardization...8801,13697,18879                    | treated, as feed...22648  | Whitney, Eli.....29478   |
| for swine.....27819   | grazing..2995,7240,7628,27273                                     | U. S. S. R....6330,6333,10068,10758   | Whortleberry, Caucasian...16281  |
| Australia.....4385,4392,4404,4409,4416,4971,8806,13681,15797,18867,24291  | Great Britain..1020,4423  | Uruguay..3893,8819,21095  | Wickard, C. R.....9922   |
| biochemistry.....6302,10624,26541-2   | Great Plains.....5428   | utilization..4411,13680,13703,18422   | Wilcox, E. V.....16276   |
| breeding.....1170,10690,10703,15768,15805,21065,26575   | grits.....13711   | varieties.....292-3,314,1144,1149,1152,1154,1166,5497,6318,6333,10693,10695,10697,10705,10719,13673,13686,14974,15268,15764,15781,15799-800,21076,21094,21098,21103,26579,26582,26584,26596,26600,28840 | Wild flowers...5883,10143,15269,16008,26070,26124  |
| Bulgaria.....15569  | Guatemala.....10713   | vitamins....15725,29397,29415   | California.....5905  |
| byproducts.....20158  | harvesting equipment.....15797                                    | waste   | Colorado.....26128   |
| Canada.....15762,18867,21065,26593  | heredity.....6219,26447,26453                                     | as feed.....2430,3048   | conservation...674,5897,5900   |
| Chile.....4406  | hybrids.970-2,985,10688,10720,26361                               | yields....363,4401,20846  | for gardens...1421,6473,6579,6584,10970,26745,26808  |
| China.....15766,15805   | Illinois.....14974,25713  | <u>See also</u> Einkorn; Flour; Insurance, wheat; Mills and milling; Triticum hybridum.   | Michigan.....712   |
| Colorado.....14966  | India..24279,24307,24829  | Wheat, durum.....26409  | Wild indigo.....27853  |
| costs and returns..24829  | Italian Africa....18884   | Wheat, wild.....15452   | Wild plants, as food. <u>See</u>   |
| credit.....25356  | Italian East Africa....5838,10684,15784                           | Wheat Flour Export Program.....5399   | Food plants, wild.   |
| culture.199,10676,10701,10711,15790,15794,21101,21831,25913   | Italy.....10687,10770,10717-18                                    | Wheat midge. <u>See</u>   | Wild-rye.....985,10673   |
| diseases...869,933,995,6133,10329,10345,10365,10389,15460,15663,20806,20820,20825,20844,20846,20862,26340,26356   | Kansas..5497,15796,18879  | Sitodiplosis mosellana.   | <u>See also</u> Elymus.  |
| Australia.....6125  | market reports....25610   | Wheat Stabilization Plan, Australia.....4385  | Wild-rye, Russian...21187  |
| control...10337,10348,26380   | marketing.....4410,8776,13667                                     | Wheat stem sawfly. <u>See</u>   | Wilder, Louise Bebe..1524  |
|   | meal, as feed.....17162   | Cephus cinctus.   | Wildlife....201,236,27256  |
|   | milling and baking quality.4413,5521,8786,18856,18884,24291,28811 | Wheatgrass.192,10764,21187  | Africa.....23298   |
|   | Minnesota.....6334  | <u>See also</u> Agropyron.  | Argentina.....14342  |
|   | moisture content..24272   | Wheatgrass, bearded blue bunch.....6303   | as pests and predators..2832,2834,7188,20435   |
|   | Nebraska.....15771  | Wheatgrass, bluestem..1025  | conservation..184,11314,14641,21846,26096,26112  |
|   | New Zealand.....4386  | Wheatgrass, crested...994,10767,10776,15816,15853   | on the farm.....19827  |
|   | North Dakota.....15800  | Wheels, wood.....23691  | parasites.....12440  |
|   | nutritive value....5263   | Whetzel, Herbert Hice....5300,19834,29464   | statistics.....20088   |
|   | Ohio.....8796   | publications.....19834  | <u>See also</u> Forests, wild-life relations; 4-H Clubs, wildlife; Game; and names of animals and birds. |
|   | Oklahoma.....25763  | Whetzelia n. g.....6017   | Willemia.....28231   |
|   | packaged.....28820  | Whey.....5397   | Williams, Robert Statham..14644  |
|   | pests...3539,8080,9563,19890,25750,27916                          | as feed.....16759   | Williams, W. L.14679,22279   |
|   | planting.....9563   | for cattle.....16953  | Willoughby-Ellis Collection.....18139  |
|   | Portugal.....26409  | for poultry.....17290   | Willow.....3586,6263,6536,6559,10544,15706,21477,22050   |
|   | prices...4387,4412,4419,13681,15210                               | for swine.....12331   | anatomy and physiology..20992,26436  |
|   | processing.....28831  | utilization .....25069  | pests.....3435   |
|   | products.....8814   | Whiptree.....1734   | wood.....27199   |
|   | programs.....4386,8788,15210,18872,19994,25763                    |   | <u>See also</u> Salix.   |
|   | quality.....4394,4423   |   | Willow, Babylon weeping..7119  |
|   | research.....26156  |   | Willow, round-ear....3588  |



- | Item                       | Item                               | Item                          | Item                                 |
|----------------------------|------------------------------------|-------------------------------|--------------------------------------|
| <b>Wilt</b>                | <b>Wine--Continued.</b>            | <b>Wood, Alphonso. Class-</b> | <b>Wood--Continued.</b>              |
| of alfalfa.....15860       | manufacture--continued.            | Book of Botany, 1845..686     | research.....20114,27205             |
| of banana...15523,20814,   | 28316,28524,28536,                 | Wood.....2157,2173            | seasoning..16651-2,22128             |
| 20860                      | 28539,28542,28546,                 | anatomy..2135,6200,10224,     | substitute woods....136              |
| of cotton.....26336        | 28548                              | 15262,26410,26429             | sugar....127,11562,20091             |
| of flax.....20838          | equipment.....28561                | Argentina..11472,16664-5      | Sweden.....5325-6                    |
| of tobacco.....26370       | marketing.....18535                | as feed.....7119              | technology.5325-6,22106,             |
| of tomato.....11192        | Mexico.....3988                    | as fuel..2218-20,7094-6,      | 22120,27190                          |
| See also kinds of wilt     | musts.....3972-3,13295,            | 9608,11460,11561,             | equipment.....14837                  |
| and causal organisms.      | 13300,13314,13326,                 | 11619-20,11622,               | Union of South Africa... 2141        |
| Wind.....25444             | 15176,23919,23937                  | 16708-11,20089,               |                                      |
| effect on insects...3215   | nutritive value...14564            | 22159-61,25433                | utilization 142,2150,                |
| Wind erosion.....296,1964, | pasteurization...23932,            | Belgium.....20578             | 2152,2155,2159,                      |
| 1985,1997,6894,            | 28545                              | bending.....16650             | 2161,2168,5444,                      |
| 6916,11391                 | preservation.....23923             | bibliographies.....140,       | 5781,7045,7049,                      |
| Australia....11378,11389   | Puerto Rico.....13308              | 14843,20106                   | 7057,9992,11550,                     |
| Canada.....6908,21910      | research.....28528                 | bonding..5439,7040,7044,      | 11573,11578,15248,                   |
| control.....16495          | Spain.....23918                    | 7051,7092,9606,               | 16659-61,16666-7,                    |
| U. S. S. R...11375,16492   | spoilage.....3978,13327            | 16663,20087,20092,            | 20101,20112,20570,                   |
| Wind power.....18294       | storage.....3980,18519,            | 20094,20098,20104,            | 20656,22115,22117,                   |
| Windbreaks...190,195,5473, | 28535,28541                        | 27205                         | 22120,22122,22124-7,                 |
| 7005,7010-11,              | Switzerland.8461,8467-8,           | Brazil.....16586              | 23998,25797,26062,                   |
| 10316,11522,11525,         | 13300,13314,23940,                 | burning.....22109             | 27205-6,27208                        |
| 11529,14905,16484,         | 23943,28546                        | chemistry....2156,7043,       | chemical.....11569-70,               |
| 16620,16623,20208,         | Tunisia.....23920                  | 11561-2,22107,22113           | 20091                                |
| 26698,27251                | U. S. S. R..28526,28533,           | China Sea Region...20573      | waste.....2131,27211                 |
| Windham County (Vt.) Co-op | 28535-6,28542,                     | collecting and collec-        | utilization.2158,2172,               |
| Milk Prod., Inc....13397   | 28548-9,28555,                     | tions.....7039                | 2220,5833,7048,                      |
| Windmills.....8275,18294   | 28560                              | compressed...128-9,2191,      | 7061,7086,7095-6,                    |
| Window-box gardens...1557, | vitamins.....25140                 | 11593                         | 9601,9993,11556,                     |
| 6485,6582,16133,           | See also kinds of wine.            | construction.....605          | 16655,16669,20090,                   |
| 21355,21530,26745          | <b>Wings</b>                       | Cuba.....15261                | 20105                                |
| Windows.....23711          | of insects..3455,7695-6,           | decay...5597,7076,10375,      | See also Ashes; Boxes,               |
| Wine.....9937,28798        | 7990,8106,12855,                   | 11559,27198                   | wood; Compreg; Lumber;               |
| aging.....23928            | 12881,18153                        | distillation.....11582,       | Plywood; Timber;                     |
| analysis and composi-      | of pigeons.....17330               | 27200,27204                   | Veneers; and under                   |
| tion..8471,13309,15176,    | of poultry.....12136               | Dutch Guiana.....603          | Containers and                       |
| 18499,18502,18521,         | of wire winds.....3679             | Ethiopia.....11506            | specific subjects.                   |
| 18529,23930                | <b>Wireworms</b>                   | finishing....2184,7055,       | Wood boxes.....5660                  |
| Argentina...13282,18514,   | control.....17924,17966            | 16680,16682,22134,            | Wood lice. See Isopoda.              |
| 23947                      | populations.....17926              | 27220                         | Wood tick. See Dermacentor           |
| Australia....18535,23925   | See also Elateridae; and           | fireproofing.....27205        | venustus.                            |
| Brazil.....18502           | names of genera.                   | flour.....20108               | Woodlands, farm...142,189,           |
| California.....23938       | <b>Wiring</b> .....28408,28419     | identification....20570       | 418,2091,2093,                       |
| chemistry....8454,28534,   | electric..362,5603,5715,           | impregnated.2191-2,7068,      | 2095-7,2100-1,                       |
| 28550,28558                | 8345,13139,23781                   | 22140,27205                   | 2112,7004,7006,                      |
| Chile.....3974,18530-1     | <b>Wis. Bankers Assoc. Farm</b>    | industries....2154,5833,      | 7009,7012,7014,                      |
| coloring.....28547         | Loans Com.....9068                 | 11574-5                       | 11523,11526,11530-1,                 |
| conferences and con-       | <b>Wis. Conserv. Comn..14641</b>   | Alaska.....120                | 15251,16623,20115,                   |
| gresses.....28560          | <b>Wis. Coop. Wool Growers</b>     | New York (State)..... 27205   | 22073,22077,27163,                   |
| Dominican Republic.13319   | Assoc.....13501                    | U. S. S. R.....6972           | 27165-6                              |
| fermentation.3981,13285,   | <b>Wis. Little Internatl.7185</b>  | Italy.....9942                | Arkansas.....11524                   |
| 13294,18505,18508,         | <b>Wistaria</b> .....21386         | laminated.....2166,16656,     | Canada.....22072                     |
| 18511,23937,28550,         | <b>Witloof</b> .....1663,21576     | 16706,27205                   | Chile.....16621                      |
| 28559                      | <b>Wobblers, horses</b> .....7373  | moisture.....7040             | costs and returns..2092,             |
| flavor and aroma...8463,   | <b>Wohlfahrtiodes</b> .....28096   | New Guinea Region..22038      | 7003,7007,16625,                     |
| 18510                      | <b>Wohlfahrtia vigil</b> ....3476  | pests.....604,2118,2144,      | 27162,27164                          |
| France.8460,13281,13283,   | <b>Women</b> ..4916,5046,5765,9317 | 3397,3411,7933,               | East Africa.....1110                 |
| 13286,13289-90,            | Canada.....19675                   | 7951,11532                    | Eire.....22075                       |
| 13293,13297-8,             | Germany.....19282                  | Philippine Islands.20570      | Idaho.....20278                      |
| 13318,13326,13328,         | Great Britain.....19585            | physical properties.128,      | management...1118,16622,             |
| 18526,23930,23935,         | Italian Africa....14307            | 132,604,2136-7,               | 16624,19880,22076,                   |
| 26120                      | labor..5,4800,7024,19282           | 2140-1,2148,7044,             | 25797,27161                          |
| Germany.....18529,23934,   | Bulgaria.....14076                 | 9602,9990,11506,              | Nebraska.....11528                   |
| 23936                      | U. S. S. R.....5083                | 15252,16649,20570,            | Ohio.....2094                        |
| industry....13302,23917    | occupations..9300,19585,           | 22108,22110,22152,            | Wood's light.....14541               |
| directories.....23926      | 19651                              | 27192                         | Woodwork.....7052-3,11621            |
| sanitation.....23929       | organizations.....19675            | plastics.....5444,7071,       | Woodworking machinery.... 5834,11557 |
| legislation.23935,23938,   | Peru.....20477                     | 11588-9,11591,11594,          | Wool.....4237,5811,15308,            |
| 28449                      | U. S. S. R..19606,19666            | 16686-9,20090,                | 18683,18689                          |
| Libya.....18506            | Uruguay.....20477                  | 22137,23998,27214             | analysis and composi-                |
| manufacture...3967,3976,   | See also Attitudes,                | preservation..121-2,604,      | tion.....13535,28692                 |
| 3979,3984,3989,            | women; Nutrition                   | 2143-7,7046-7,                | Arctic Regions.....664               |
| 8458,8470,13328,           | (human), women.                    | 11532,11564-7,                | Argentina.....536,24082              |
| 15176,18496,18507,         | <b>Women's Farm and Garden</b>     | 22111-13,27193-7              | Australia...4150-1,4165,             |
| 18533,18535,20579,         | Assoc. (Gt. Brit.)..19585          | bibliographies....130         | 4180,4194,4196,                      |
| 23920,23934,23936,         | <b>Women's Land Army</b> ....5,19, | Puerto Rico.....20112         | 4209,4247,8609,                      |
| 23940,23946,28291,         | 98,455,3651,                       | pulping....2193,20080-1,      | 8633,8643,13463-4,                   |
| (See next column)          | 4759,4768                          | 20100                         | (See next column)                    |
|                            | Great Britain....491,509           |                               |                                      |



- Wool--Continued.**
- Australia--continued.**  
 13471, 13492, 13496,  
 13499, 13503-5, 13512,  
 13726, 14206, 18696,  
 18703-4, 18722, 18728,  
 18738, 18744, 18926,  
 24073, 24084, 24089,  
 24092, 24099, 24102-4,  
 24106, 24110, 24139,  
 25025, 28725  
 Canada... 3029, 4184, 8613,  
 8672, 13540, 24135  
 carding and combing.....  
 4157, 18664  
 care and handling... 3028,  
 3719, 18694, 24099  
 chemistry..... 24083  
 Chile..... 18676  
 conferences and con-  
 gresses..... 28701  
 cooperatives... 19869, 24109  
 costs and returns... 5761,  
 5763  
 discoloration..... 18673  
 drying  
 equipment..... 8264  
 dyeing..... 24098, 24129,  
 28692, 28703  
 effect of branding.....  
 24103-5, 28699  
 Eire..... 13488  
 Ethiopia 18740, 18906  
 Europe..... 13476  
 fiber... 4232, 8671, 13519,  
 13542, 18715, 18740,  
 28667  
 France..... 13513  
 French Colonies... 13175  
 French West Africa... 13761  
 futures..... 25361  
 grading and standardiza-  
 tion... 4196, 5343, 8655,  
 8670, 13503, 13509,  
 18703-4, 24130,  
 28702  
 Great Britain..... 13728  
 history..... 12295  
 Hungary..... 4179, 13764  
 India..... 24128, 28691  
 industry... 306, 4238, 13739,  
 24070, 24140  
 Italy..... 8619  
 Kenya..... 18739  
 legislation..... 18703  
 market reports... 25542,  
 25555, 25604  
 marketing... 405, 8609-10,  
 8675, 13464, 13501,  
 18696, 18718, 18722,  
 24064, 24103-4, 28701  
 New Zealand... 8602, 28886  
 Portugal..... 24116  
 postwar..... 13486  
 prices... 4205, 8611, 13465,  
 13523, 18722, 24063-4,  
 28664, 28689, 28720,  
 28924  
 processing... 8600, 8645-6,  
 18127, 24132  
 programs..... 28709  
 properties... 24118, 28885,  
 28703  
 purchase and sale  
 programs..... 19992  
 quality... 8629, 8632, 13518,  
 18709, 18742, 18750,  
 18752, 24090, 24112,  
 24134, 28678  
 recovery..... 24101
- Wool--Continued.**  
 regulation and inspec-  
 tion..... 18718  
 research..... 8610, 18743,  
 28691, 28693, 28721  
 sampling... 4215, 4223, 25495  
 scouring... 4246, 8649, 24120  
 shrinkage... 4216, 8664,  
 13523, 28720  
 situation and outlook...  
 4181, 4201, 4204,  
 4208, 8611, 8625,  
 8668, 9114, 13490,  
 18688, 25320  
 Spain..... 28678, 28704  
 spinning..... 28684, 28707  
 statistics... 63, 5672, 14769  
 substitutes..... 8668  
 surpluses... 8604, 28713  
 Sweden..... 4205  
 synthetic..... 24102  
 taxation..... 4194  
 textiles..... 4203, 18658  
 Portugal..... 4235  
 trade... 8628, 9363, 14473,  
 25025, 28924  
 British Empire... 29340  
 transportation... 14922,  
 14924, 18722  
 Union of South Africa...  
 4163, 8622, 18718,  
 28701, 28713  
 Uruguay..... 18731  
 weight..... 13809  
 yarn..... 8667, 24080-1  
 yields..... 4160, 13809  
See also Furs, from  
 sheepskin; Insurance,  
 wool.
- Wool, angora rabbit...** 4152,  
 12209, 17454, 17457,  
 17486, 17490, 17493,  
 17510, 18671, 18697,  
 18730, 22788  
 dyeing..... 4166
- Wool Products Labeling Act**  
 of 1939..... 28702
- Woolly awole sphid. See**  
**Eriosoma lanigerum**
- Work management. See under**  
**Labor and names of**  
**industries.**
- World Trade Alliance...** 497
- Worms.....** 11699, 22245  
 in calves... 11862, 22394  
 in cattle... 5696, 7262,  
 7270, 16823, 16977,  
 17024, 27312  
 in dogs... 22513, 27494  
 in goats... 3002, 16823,  
 27312  
 in horses... 2648, 17170  
 in livestock... 7150, 27297  
 India..... 11742  
 therapy..... 11697  
 in poultry... 7479, 17331  
 in sheep... 3000-1, 3008,  
 3013, 3019, 7642,  
 12258, 12262, 12270,  
 12276, 16823, 17554,  
 17560, 22838, 27312  
 in swine... 3066, 17634,  
 17636-7, 25684  
See also names of worms  
 and anthelmintics.
- Wormwood.....** 21644  
See also Artemisia.
- Wort (brewing).....** 28537
- Wounds. See subhead injuries**  
**under Livestock and names**  
**of animals and plants.**
- Wramby, G.....** 22880
- Wrappings. See Pulp and**  
**paper, wrappings.**
- Wuchereria.....** 12749  
**Wuchereria bancrofti.....**  
 12748, 23336-7
- Wyethia.....** 1200
- Wyo. Reclam. Assoc....** 16462
- X-disease, of peach....** 930
- X-ray**  
 diagnostic use..... 11718  
 effect on  
 insects..... 3483, 23232  
 pigmentation..... 2768  
 plants..... 1061, 10539,  
 10563  
 therapeutic use... 574, 7486
- Xanthandrus.....** 7993
- Xanthium. See Cocklebur.**
- Xanthium cavanillesii....**  
 16241
- Xantholinus.....** 7942, 12656
- Xanthomonas campestris.**  
See Black rot, of ruta-  
 бага.
- Xanthomonas pruni**  
 on peach..... 6144, 10387  
 on plum..... 10387
- Xanthomonas vignicola**  
 on cowpea..... 6149
- Xanthopastis timais....** 8102
- Xanthophyll.....** 7484
- Xenia.....** 15570
- Xenocerus.....** 23179
- Xenopsylla cheopis....** 3629,  
 23541-2
- Xerophloea vanduzeei...** 221
- Xyelatana lugdunensis n.**  
 sp..... 12786
- Xyelidae.....** 23417  
See also names of gen-  
 era.
- Xyleborus gezei n. sp....**  
 12650
- Xylene.....** 18011
- Xylidae**
- France.....** 12786  
See also names of gen-  
 era.
- Xylobius basalis n. sp....**  
 12629
- Xylocopa.....** 28158
- Xylogenes.....** 28044
- Xylomedes.....** 28044
- Xylophorus.....** 28045
- Xylotrechus colonus....** 3395
- Xysticus cristatus....** 7907
- Xystophora.....** 23454
- Yale Univ. School of**  
**Forestry.....** 27247
- Yam, Chinese.....** 16224
- Yam bean.....** 22977, 26080
- Yamina.....** 12681
- Yams.....** 993, 8732, 26849
- Yanhuatlan Codex....** 20626
- Yarn.....** 13489, 13494, 28669  
 count..... 24081  
 tests  
 equipment..... 28288-9  
See also subhead yarn  
under names of fibers.
- Yarrow, yellow woolly.**  
See Achillea tomentosa  
 aurea.
- Yaupon.....** 26873
- Yeager, Albert Franklin...**  
 20666
- Yeasts... 12764, 18511, 23948,**  
 28105  
 analysis and composi-  
 tion..... 13998, 19763  
 anatomy and physiology..  
 988, 15632  
 as feed..... 7454, 14994  
 brewers'..... 13994, 28537  
 as feed..... 7122  
 for swine... 7663, 7672,  
 12328, 27826  
 dried..... 25089  
 from asphodel..... 29042  
 from molasses..... 8994  
 heredity..... 980  
 in fermentation... 3981,  
 28539  
 nutritive value... 5221,  
 9464, 9466, 25089,  
 25103, 25109,  
 25134  
 research..... 9021  
 sources... 4305, 9464, 20091  
 utilization..... 13989  
 vitamins..... 5826, 9447,  
 19794, 25114, 25160  
See also Saccharomyces  
 cerevisiae.
- Yellow berry**  
 of wheat..... 15663
- Yellow fever... 22925, 28124**  
 transmission... 12750, 23350
- Yellow-fever mosquito. See**  
**Aedes aegypti.**
- Yellow mealworm. See**  
**Tenebrio molitor.**
- Yellow poplar. See**  
**Tuliptree.**
- Yellow-red virosis, of**  
 peach. See X-disease, of  
 peach.
- Yellow spot**  
 of celery..... 25664
- Yellow sugarcane aphid.**  
See Sipha flava.
- Yellows, of cabbage... 5714,**  
 10378  
 of potato..... 18051  
 of strawberry..... 262  
 of sugar beet... 920-1
- Yew, English.....** 701, 3267
- Yew, Japanese.....** 16033
- Yobius haywardi n. g., n.**  
 sp..... 12563
- Yoghurt....** 8477, 8492, 19788
- Yosemite National Park...**  
 18077
- Young Farmers' Clubs... 9325,**  
 Great Britain..... 9325,  
 15124, 24985, 25004  
 New Zealand... 5132, 9337,  
 9354
- Young Men's Christian**  
**Assoc., Great Britain...**  
 19578, 19587, 19690,  
 19702
- Youth.....** 19663, 20022  
 agricultural settlement,  
 Canada..... 14306  
 Canada... 5029, 19590, 29297,  
 29310  
 conferences and con-  
 gresses..... 20034  
 education and training..  
 5070, 5768, 14396,  
 14411, 19581, 19622,  
 24938, 24940



**Youth--Continued**  
Item  
 Germany.....9094  
 Great Britian.....19578,  
     19587,19690  
 labor.....271,4772,4776,  
     4782,4788,9094  
 migration....9323,14210,  
     19622,24896  
 Negro.....20029  
 Newfoundland.....5158  
 organization.....9348  
 programs.....5105,9352,  
     14798,20036  
 Sweden.....19581  
 U. S. S. R....3788,5070,  
     9351  
 welfare.....14396,14406,  
     15134

**Youth--Continued.**  
Item  
 See also Clubs, youth;  
     Education; 4-H Clubs;  
     Future Farmers of  
     Amer.; Nutrition  
     (human), youth.  
 Yucca whipplei.....21409  
 Zalonius vulcherrimus n.  
     sp.....17902  
 Zanna.....12769  
 Zanthoxylum coco.....10237  
 Zebrina pendula....10638-9  
 Zelindopsis duplaria  
     n. g., n. sp.....12722  
 Zelotes.....23099,28002  
 Zelurus parkoi n. sp.18059  
 Zenillia.....12722

**Zeugophora.....17938**  
Item  
 Zeuxine strateumatica.....  
     6516,10171  
 Zeuzera pyrina.....3612  
 Zia.....3603  
 Zigadenus. See Deathcamas.  
 Zinc  
     effect on plants...1038,  
     27087  
     fungicides.....844  
     in food.....13193  
 Zinc phosphide...7468,7494  
 Zonabris.....12670  
 Zoning. See Land, zoning.  
 Zoology...5867,5873,10063,  
     10067,20615-17  
     nomenclature.....14621,  
     17669,17676,27854

**Zoology--Continued.**  
Item  
 technique and equipment.  
     648  
 terminology.....8079  
 U. S. S. R.....26102  
 See also International  
     Comm. on Zool. Nomen-  
     clature.  
 Zoothermopsis.....23552  
 Zuelania.....26207  
 Zutphen. Tierärztliche  
     Fachschule.....11707  
 Zygaena  
     France.....12835  
     Morocco.....12849  
 Zygophallaceae.....5970  
 Zygosicyos? n. g.....26202







- Wilt**  
 of alfalfa.....15860  
 of banana...15523, 20814, 20860  
 of cotton.....26336  
 of flax.....20838  
 of tobacco.....26370  
 of tomato.....11192  
See also kinds of wilt  
and causal organisms.
- Wind**.....25444  
 effect on insects...3215  
**Wind erosion**.....296, 1964, 1985, 1997, 6894, 6916, 11391  
 Australia....11378, 11389  
 Canada.....6908, 21910  
 control.....16495  
 U. S. S. R....11375, 16492  
**Wind power**.....18294  
**Windbreaks**....190, 195, 5473, 7005, 7010-11, 10316, 11522, 11525, 11529, 14905, 16484, 16620, 16623, 20208, 26698, 27251  
**Windham County (Vt.) Co-op Milk Prod., Inc.**....13397  
**Windmills**.....8275, 18294  
**Window-box gardens**...1557, 6485, 6582, 16133, 21355, 21530, 26745  
**Windows**.....23711  
**Wine**.....9937, 28798  
 aging.....23928  
 analysis and composition...8471, 13309, 15176, 18499, 18502, 18521, 18529, 23930  
 Argentina....13282, 18514, 23947  
 Australia....18535, 23925  
 Brazil.....18502  
 California.....23938  
 chemistry....8454, 28534, 28550, 28558  
 Chile.....3974, 18530-1  
 coloring.....28547  
 conferences and congresses.....28560  
 Dominican Republic...13319  
 fermentation...3981, 13285, 13294, 18505, 18508, 18511, 23937, 28550, 28559  
 flavor and aroma...8463, 18510  
 France...8460, 13281, 13283, 13286, 13289-90, 13293, 13297-8, 13318, 13326, 13328, 18526, 23930, 23935, 26120  
 Germany.....18529, 23934, 23936  
 industry....13302, 23917  
 directories.....23926  
 sanitation.....23929  
 legislation...23935, 23938, 28449  
 Libya.....18506  
 manufacture...3967, 3976, 3979, 3984, 3989, 8458, 8470, 13328, 15176, 18496, 18507, 18533, 18535, 20579, 23920, 23934, 23936, 23940, 23946, 28291.  
 (See next column)
- Wine--Continued.**  
 manufacture--continued.  
 28316, 28524, 28536, 28539, 28542, 28546, 28548  
 equipment.....28561  
 marketing.....18535  
 Mexico.....3988  
 musts.....3972-3, 13295, 13300, 13314, 13326, 15176, 23919, 23937  
 nutritive value...14564  
 pasteurization...23932, 28545  
 preservation.....23923  
 Puerto Rico.....13308  
 research.....28528  
 Spain.....23918  
 spoilage.....3978, 13327  
 storage.....3980, 18519, 28535, 28541  
 Switzerland...8461, 8467-8, 13300, 13314, 23940, 23943, 28546  
 Tunisia.....23920  
 U. S. S. R....28526, 28533, 28535-6, 28542, 28548-9, 28555, 28560  
 vitamins.....25140  
See also kinds of wine.
- Wings**  
 of insects...3455, 7695-6, 7990, 8106, 12855, 12881, 18153  
 of pigeons.....17330  
 of poultry.....12136  
 Wire winders.....3679  
**Wireworms**  
 control.....17924, 17966  
 populations.....17926  
See also Elateridae; and names of genera.
- Wiring**.....28408, 28419  
 electric...362, 5603, 5715, 8345, 13139, 23781  
**Wis. Bankers Assoc. Farm Loans Com.**.....9068  
**Wis. Conserv. Comm.**...14641  
**Wis. Coop. Wool Growers Assoc.**.....13501  
**Wis. Little Internatl.**...7185  
**Wistaria**.....21386  
**Witloof**.....1663, 21576  
**Wobblers, horses**.....7373  
**Wohlfahrtiodes**.....28096  
**Wohlfahrtia vigil**....3476  
**Women**...4916, 5046, 5765, 9317  
 Canada.....19675  
 Germany.....19282  
 Great Britain....19585  
 Italian Africa....14307  
 labor...5, 4800, 7024, 19282  
 Bulgaria.....14076  
 U. S. S. R....5083  
 occupations...9300, 19585, 19651  
 organizations....19675  
 Peru.....20477  
 U. S. S. R....19606, 19666  
 Uruguay.....20477  
See also Attitudes, women; Nutrition (human), women.
- Women's Farm and Garden Assoc. (Gt. Brit.)**...19585  
**Women's Land Army**...5, 19, 98, 455, 3651, 4759, 4768  
 Great Britain....491, 509
- Wood, Alphonso. Class-Book of Botany**, 1845..686  
**Wood**.....2157, 2173  
 anatomy...2135, 6200, 10224, 15262, 26410, 26429  
 Argentina...11472, 16664-5  
 as feed.....7119  
 as fuel...2218-20, 7094-6, 9608, 11460, 11561, 11619-20, 11622, 16708-11, 20089, 22159-61, 25433  
 Belgium.....20578  
 bending.....16650  
 bibliographies.....140, 14843, 20106  
 bonding...5439, 7040, 7044, 7051, 7092, 9606, 16663, 20087, 20092, 20094, 20098, 20104, 27205  
 Brazil.....16586  
 burning.....22109  
 chemistry....2156, 7043, 11561-2, 22107, 22113  
 China Sea Region...20573  
 collecting and collections.....7039  
 compressed...128-9, 2191, 11593  
 construction.....605  
 Cuba.....15261  
 decay...5597, 7076, 10375, 11559, 27198  
 distillation.....11582, 27200, 27204  
 Dutch Guiana.....603  
 Ethiopia.....11506  
 finishing.....2184, 7055, 16680, 16682, 22134, 27220  
 fireproofing.....27205  
 flour.....20108  
 identification....20570  
 impregnated...2191-2, 7068, 22140, 27205  
 industries....2154, 5833, 11574-5  
 Alaska.....120  
 New York (State).....27205  
 U. S. S. R....6972  
 Italy.....9942  
 laminated...2166, 16656, 16706, 27205  
 moisture.....7040  
 New Guinea Region...22038  
 pests....604, 2118, 2144, 3397, 3411, 7933, 7951, 11532  
 Philippine Islands...20570  
 physical properties...128, 132, 604, 2136-7, 2140-1, 2148, 7044, 9602, 9990, 11506, 15252, 16649, 20570, 22108, 22110, 22152, 27192  
 plastics.....5444, 7071, 11588-9, 11591, 11594, 16686-9, 20090, 22137, 23998, 27214  
 preservation...121-2, 604, 2143-7, 7046-7, 11532, 11564-7, 22111-13, 27193-7  
 bibliographies.....130  
 Puerto Rico.....20112  
 pulping....2193, 20080-1, 20100
- Wood--Continued.**  
 research....20114, 27205  
 seasoning...16651-2, 22128  
 substitute woods....136  
 sugar....127, 11562, 20091  
 Sweden.....5325-6  
 technology...5325-6, 22106, 22120, 27190  
 equipment.....14837  
 Union of South Africa...2141  
 utilization 142, 2150, 2152, 2155, 2159, 2161, 2168, 5444, 5781, 7045, 7049, 7057, 9992, 11550, 11573, 11578, 15248, 16659-61, 16666-7, 20101, 20112, 20570, 20656, 22115, 22117, 22120, 22122, 22124-7, 23998, 25797, 26062, 27205-6, 27208  
 chemical.....11569-70, 20091  
 waste.....2131, 27211  
 utilization...2158, 2172, 2220, 5833, 7048, 7061, 7086, 7095-6, 9601, 9993, 11556, 16655, 16669, 20090, 20105  
See also Ashes; Boxes, wood; Compreg; Lumber; Plywood; Timber; Veneers; and under Containers and specific subjects.
- Wood boxes**.....5660  
**Wood lice**. See Isopoda.  
**Wood tick**. See Dermacentor venustus.  
**Woodlands, farm**...142, 189, 418, 2091, 2093, 2095-7, 2100-1, 2112, 7004, 7006, 7009, 7012, 7014, 11523, 11526, 11530-1, 15251, 16623, 20115, 22073, 22077, 27163, 27165-6  
 Arkansas.....11524  
 Canada.....22072  
 Chile.....16621  
 costs and returns...2092, 7003, 7007, 16625, 27162, 27164  
 East Africa.....1110  
 Eire.....22075  
 Idaho.....20278  
 management...1118, 16622, 16624, 19880, 20276, 25797, 27161  
 Nebraska.....11528  
 Ohio.....2094  
 Wood's light.....14541  
**Woodwork**....7052-3, 11621  
**Woodworking machinery**....5834, 11557  
**Wool**.....4237, 5811, 15308, 18683, 18689  
 analysis and composition.....13535, 28692  
 Arctic Regions.....664  
 Argentina.....536, 24082  
 Australia...4150-1, 4165, 4180, 4194, 4196, 4209, 4247, 8609, 8633, 8643, 13463-4.  
 (See next column)



- Wool--Continued.**
- Australia--continued.**  
 13471, 13492, 13496,  
 13499, 13503-5, 13512,  
 13726, 14206, 18696,  
 18703-4, 18722, 18728,  
 18738, 18744, 18926,  
 24073, 24084, 24089,  
 24092, 24099, 24102-4,  
 24106, 24110, 24139,  
 25025, 28725
- Canada...** 3029, 4184, 8613,  
 8672, 13540, 24135
- carding and combing....**  
 4157, 18664
- care and handling...** 3028,  
 3719, 18694, 24099
- chemistry.....** 24083
- Chile.....** 18676
- conferences and con-  
 gresses.....** 28701
- cooperatives.** 19869, 24109
- costs and returns..** 5761,  
 5763
- discoloration....** 18673
- drying  
 equipment.....** 8264
- dyeing.....** 24098, 24129,  
 28692, 28703
- effect of branding.....**  
 24103-5, 28699
- Eire.....** 13488
- Ethiopia** 18740, 18906
- Europe.....** 13476
- fiber...** 4232, 8671, 13519,  
 13542, 18715, 18740,  
 28667
- France.....** 13513
- French Colonies....** 13175
- French West Africa.** 13761
- futures.....** 25361
- grading and standardiza-  
 tion....** 4196, 5343, 8655,  
 8670, 13503, 13509,  
 18703-4, 24130,  
 28702
- Great Britain.....** 13728
- history.....** 12295
- Hungary.....** 4179, 13764
- India.....** 24128, 28691
- industry.** 306, 4238, 13739,  
 24070, 24140
- Italy.....** 8619
- Kenya.....** 18739
- legislation.....** 18703
- market reports....** 25542,  
 25555, 25604
- marketing....** 405, 8609-10,  
 8675, 13464, 13501,  
 18696, 18718, 18722,  
 24064, 24103-4, 28701
- New Zealand...** 8602, 28886
- Portugal.....** 24116
- postwar.....** 13486
- prices..** 4205, 8611, 13465,  
 13523, 18722, 24063-4,  
 28664, 28689, 28720,  
 28924
- processing..** 8600, 8645-6,  
 18127, 24132
- programs.....** 28709
- properties..** 24118, 28885,  
 28703
- purchase and sale  
 programs.....** 19992
- quality.** 8629, 8632, 13518,  
 18709, 18742, 18750,  
 18752, 24090, 24112,  
 24134, 28678
- recovery.....** 24101
- Wool--Continued.**
- regulation and inspec-  
 tion.....** 18718
- research.....** 8610, 18743,  
 28691, 28693, 28721
- sampling.** 4215, 4223, 25495
- scouring.** 4246, 8649, 24120
- shrinkage.....** 4216, 8664,  
 13523, 28720
- situation and outlook...**  
 4181, 4201, 4204,  
 4208, 8611, 8625,  
 8668, 9114, 13490,  
 18688, 25320
- Spain.....** 28678, 28704
- spinning.....** 28684, 28707
- statistics.** 63, 5672, 14769
- substitutes.....** 8668
- surpluses.....** 8604, 28713
- Sweden.....** 4205
- synthetic.....** 24102
- taxation.....** 4194
- textiles.....** 4203, 18658
- Portugal.....** 4235
- trade...** 8628, 9363, 14473,  
 25025, 28924
- British Empire...** 29340
- transportation....** 14922,  
 14924, 18722
- Union of South Africa...**  
 4163, 8622, 18718,  
 28701, 28713
- Uruguay.....** 18731
- weight.....** 13809
- yarn.....** 8667, 24080-1
- yields.....** 4160, 13809
- See also Furs, from  
 sheepskin; Insurance,  
 wool.**
- Wool, angora rabbit..** 4152,  
 12209, 17454, 17457,  
 17486, 17490, 17493,  
 17510, 18671, 18697,  
 18730, 22788
- dyeing.....** 4166
- Wool Products Labeling Act  
 of 1939.....** 28702
- Woolly awole sphid. See  
 Eriosoma lanigerum**
- Work management. See under  
 Labor and names of  
 industries.**
- World Trade Alliance....** 497
- Worms.....** 11699, 22245
- in calves....** 11862, 22394
- in cattle.....** 5696, 7262,  
 7270, 16823, 16977,  
 17024, 27312
- in dogs.....** 22513, 27494
- in goats.....** 3002, 16823,  
 27312
- in horses....** 2648, 17170
- in livestock..** 7150, 27297
- India.....** 11742
- therapy.....** 11697
- in poultry** 7479, 17331
- in sheep....** 3000-1, 3008,  
 3013, 3019, 7642,  
 12258, 12262, 12270,  
 12276, 16823, 17554,  
 17560, 22838, 27312
- in swine.....** 3066, 17634,  
 17636-7, 25684
- See also names of worms  
 and anthelmintics.**
- Wormwood.....** 21644
- See also Artemisia.**
- Wort (brewing).....** 28537
- Wounds. See subhead injuries  
 under Livestock and names  
 of animals and plants.**
- Wramby, G.....** 22880
- Wrappings. See Pulp and  
 paper, wrappings.**
- Wuchereria.....** 12749
- Wuchereria bancrofti.....**  
 12748, 23336-7
- Wyethia.....** 1200
- Wyo. Reclam. Assoc....** 16462
- X-disease, of peach....** 930
- X-ray  
 diagnostic use.....** 11718
- effect on  
 insects.....** 3483, 23232
- pigmentation.....** 2768
- plants.....** 1061, 10539,  
 10563
- therapeutic use.** 574, 7486
- Xanthandrus.....** 7993
- Xanthium. See Cocklebur.**
- Xanthium cavanillesii....**  
 16241
- Xantholinus.....** 7942, 12656
- Xanthomonas campestris.  
 See Black rot, of ruta-  
 бага.**
- Xanthomonas pruni  
 on peach.....** 6144, 10387
- on plum.....** 10387
- Xanthomonas vignicola  
 on cowpea.....** 6149
- Xanthopastis timais....** 8102
- Xanthophyll.....** 7484
- Xenia.....** 15570
- Xenocerus.....** 23179
- Xenopsylla cheopis....** 3629,  
 23541-2
- Xerophloea vanduzeei...** 221
- Xylatana lugdunensis n.  
 sp.....** 12786
- Xyelidae.....** 23417
- See also names of gen-  
 era.**
- Xyleborus gezei n. sp....**  
 12650
- Xylene.....** 18011
- Xylidae**
- France.....** 12786
- See also names of gen-  
 era.**
- Xylobius basalis n. sp....**  
 12629
- Xylocopa.....** 28158
- Xylogenes.....** 28044
- Xylomedes.....** 28044
- Xylophorus.....** 28045
- Xylotrechus colonus....** 3395
- Xysticus cristatus....** 7907
- Xystophora.....** 23454
- Yale Univ. School of  
 Forestry.....** 27247
- Yam, Chinese.....** 16224
- Yam bean.....** 22977, 26080
- Yamina.....** 12681
- Yams.....** 993, 8732, 26849
- Yanhuilian Codex.....** 20626
- Yarn.....** 13489, 13494, 28669
- count.....** 24081
- tests  
 equipment.....** 28288-9
- See also subhead yarn  
 under names of fibers.**
- Yarrow, yellow woolly.  
 See Achillea tomentosa  
 aurea.**
- Yaupon.....** 26873
- Yeager, Albert Franklin...**  
 20666
- Yeasts..** 12764, 18511, 23948,  
 28105
- analysis and composi-  
 tion.....** 13998, 19763
- anatomy and physiology..**  
 988, 15632
- as feed.....** 7454, 14994
- brewers'.....** 13994, 28537
- as feed.....** 7122
- for swine.** 7663, 7672,  
 12328, 27826
- dried.....** 25089
- from asphodel.....** 29042
- from molasses.....** 8994
- heredity.....** 980
- in fermentation....** 3981,  
 28539
- nutritive value....** 5221,  
 9464, 9466, 25089,  
 25103, 25109,  
 25134
- research.....** 9021
- sources..** 4305, 9464, 20091
- utilization.....** 13989
- vitamins.....** 5826, 9447,  
 19794, 25114, 25160
- See also Saccharomyces  
 cerevisiae.**
- Yellow berry  
 of wheat.....** 15663
- Yellow fever...22925, 28124  
 transmission.** 12750, 23350
- Yellow-fever mosquito. See  
 Aedes aegypti.**
- Yellow mealworm. See  
 Tenebrio molitor.**
- Yellow poplar. See  
 Tuliptree.**
- Yellow-red virosis, of  
 peach. See X-disease, of  
 peach.**
- Yellow spot  
 of celery.....** 25664
- Yellow sugarcane aphid.  
 See Sipha flava.**
- Yellows, of cabbage..** 5714,  
 10378
- of potato.....** 18051
- of strawberry.....** 262
- of sugar beet.....** 920-1
- Yew, English.....** 701, 3267
- Yew, Japanese.....** 16033
- Yobius haywardi n. g., n.  
 sp.....** 12563
- Yoghurt....** 8477, 8492, 19788
- Yosemite National Park....**  
 18077
- Young Farmers' Clubs.** 9325,  
 Great Britain..... 9325,  
 15124, 24985, 25004
- New Zealand....** 5132, 9337,  
 9354
- Young Men's Christian  
 Assoc., Great Britain....**  
 19578, 19587, 19690,  
 19702
- Youth.....** 19663, 20022
- agricultural settlement,  
 Canada.....** 14306
- Canada.** 5029, 19590, 29297,  
 29310
- conferences and con-  
 gresses.....** 20034
- education and training..**  
 5070, 5768, 14396,  
 14411, 19581, 19622,  
 24938, 24940



Item  
 Youth--Continued  
 Germany.....9094  
 Great Britian.....19578,  
     19587,19690  
 labor.....271,4772,4776,  
     4782,4788,9094  
 migration....9323,14210,  
     19622,24896  
 Negro.....20029  
 Newfoundland.....5158  
 organization.....9348  
 programs.....5105,9352,  
     14798,20036  
 Sweden.....19581  
 U. S. S. R....3788,5070,  
     9351  
 welfare.....14396,14406,  
     15134

Item  
 Youth--Continued.  
   See also Clubs, youth;  
     Education; 4-H Clubs;  
     Future Farmers of  
     Amer.; Nutrition  
     (human), youth.  
 Yucca whipplei.....21409  
 Zalonius vulcherrimus n.  
   sp.....17902  
 Zanna.....12769  
 Zanthoxylum coco....10237  
 Zebrina pendula....10638-9  
 Zelindopsis duplaria  
   n. g., n. sp.....12722  
 Zelotes.....23099,28002  
 Zelurus parkoi n. sp.18059  
 Zenillia.....12722

Item  
 Zeugophora.....17938  
 Zeuxine strateumatica....  
     6516,10171  
 Zeuzera pyrina.....3612  
 Zia.....3603  
 Zigadenus. See Deathcamas.  
 Zinc  
   effect on plants...1038,  
     27087  
   fungicides.....844  
   in food.....13193  
 Zinc phosphide...7468,7494  
 Zonabris.....12670  
 Zoning. See Land, zoning.  
 Zoology...5867,5873,10063,  
     10067,20615-17  
   nomenclature.....14621,  
     17669,17676,27854

Item  
 Zoology--Continued.  
   technique and equipment.  
     648  
   terminology.....8079  
 U. S. S. R.....26102  
   See also International  
     Comm. on Zool. Nomen-  
     clature.  
 Zootermopsis.....23552  
 Zuelania.....26207  
 Zutphen. Tierärztliche  
   Fachschule.....11707  
 Zygæna  
   France.....12835  
   Morocco.....12849  
 Zygophallaceae.....5970  
 Zygosticyos n. g.....26202







# PUBLICATIONS WANTED

If you can supply any of the publications listed below through purchase, gift, or exchange, please notify the Library, United States Department of Agriculture, Washington 25, D. C.

- Agricultura e Pecuaria, Propriedade da Revista das Estradas de Ferro. Rio de Janeiro. No. 242. May 1943.
- American Fertilizer. Philadelphia. v. 97, No. 12, Dec. 5, 1942.
- American Nurseryman. Chicago. v. 74, No. 9, 1941.
- American Paper and Pulp Association. The Background and Present Status of the United States Paper Industry. New York, 1940.
- André, G. Chimie Agricole; Chimie Végétale. Ed. 3. Paris, 1924.
- Arkansas Farmer. Little Rock, Ark. v. 45, Nos. 1, 5, 11-12, Jan., May, Nov.-Dec. 1943.
- Austin, H. B. Merino, Past, Present and Probable; Covering the History and Breeding of the Merino Sheep. Sydney, N. S. W., 1943.
- Australia. Prime Minister's Dept. The Federal Guide; a Handbook on the Organization and Functions of Commonwealth Government Departments and Special War-time Authorities. Canberra, 1943.
- Bach, F. El Nuevo Índice de Precios: Una Interpretación. Mexico, D. F., 1943.
- Barclay, C. F. The Elements of Sugar Refining. Easton, Pa., 1925.
- Bear, F. E. Theory and Practice in the Use of Fertilizers. Ed. 2. New York, 1938.
- Beekeeping Annual. Harlow, Eng., 1944.
- Best, E. Forest Lore of the Maori; with Methods of Snaring, etc. Wellington, N. Z., 1942. (Memoir No. 19; Dominion Museum Bul. No. 14)
- Billington, F. H. Compost for the Garden Plot or Thousand Acre Farm: a Practical Guide to Modern Methods. Ed. 3. Cambridge, Eng., 1942.
- Bissland, J. H. Common Sense in the Rock Garden. New York, 1938.
- Büsgen, M. Bau und Leben unserer Waldbäume. Ed. 3. Jena, 1927.
- Canadian Gladiolus Society. Annual. Guelph, Ontario, 1944-45.
- Canton, N. A. Chemical Analysis of the Foods of Singapore. Singapore, 1940.
- Christy, D. Terracing. Scott City, Kans., 1940.
- Communist Party of Great Britain. British Agriculture, 1943; the Communist Party's Memorandum on Agriculture. London, 1943.
- Compañía Administradora del Guano. Boletín. Lima, Peru. v. 19, Nos. 3, 8, 1943.
- Conservation Association of Los Angeles County. Ground Water Conditions of Los Angeles Basin. Rev. ed. Los Angeles, 1940.
- Conservation Association of Los Angeles County. Pathway of Progress. Los Angeles, 1936.
- Conservation Association of Los Angeles County. Preliminary Investigations of Ground Water Conditions of Los Angeles Basin. Los Angeles, 1930. Also rev. ed. 1932.
- Conservation Association of Los Angeles County. Proceedings of Flood Control Conference, Dec. 2, 1936. Los Angeles, 1937.
- Conservation Association of Los Angeles County. Research Dept. Progress Report on a Study of the Forest Fire Record of Los Angeles County, Decade of 1920-29. Los Angeles, n. d.
- Cotton Textile Institute. Cotton from Raw Materials to Finished Product. Ed. 3. New York, 1944.
- Conzatti, C. Flora Taxonomica Mexicana. Oaxaca-de Juarez. v. 2, pt. 1, 1942.
- Digges, J. R. G. Practical Bee Guide. Ed. 9. London, 1941.
- Drennan, R. A History of the South Devon Cattle. Plymouth, 1920.
- Dubrau, M. Woll-Zellwolle. Berlin, 1938.
- Emelen, A. van. Diccionario Apícola. Preface by Dr. Gutenberg Barreto. São Paulo, 1937.
- Ewart, J. C. The Penycuik Experiments. London, 1899.
- Frölich, G. Das Karakulschaf und seine Zucht. Ed. 2. München, 1931.
- Frölich, G. Wollkunde; Bildung und Eigenschaften der Wolle. Berlin, 1929.
- Guerra y Sánchez, R. Azúcar y Población en Las Antillas. Ed. 2. Havana, 1935.
- Harvey, A. Laundry Chemistry, a Manual on the Chemistry of Laundry Materials and Methods. Ed. 2, rev. New York, 1936.
- Hennessey, R. Hennessey on Roses. Hillsboro, Oreg., 1942.
- Hume, H. H. The Cultivation of Citrus Fruits. New York, 1941.
- The Independent Producers' Guide. New York. v. 5, Nos. 1-3, Jan.-Mar. 1945.
- International Society of Leather Trade Chemists. British Section. Wetting and Detergency, Scientific and Technical Aspects. New York, 1937.
- Jameson, H. Trees and Flowers of England and Wales. London, 1944?
- Jones, H. A. Truck Crop Plants. New York, 1928.
- Journal of Immunology. Baltimore. v. 49, No. 2, Aug. 1944.
- Kilmer, M. Scientific Feeding of the Domestic Animals. Ed. 3. Chicago, 1923.
- Littlewood, R. W. Livestock of Southern India. Madras, 1936.
- Luz, F. Sociedades Cooperativas. Ed. 3. Rio de Janeiro, 1940?
- Macintyre, D. Highland Naturalist, a Game-keeper's Observations and Discoveries. London, 1944.
- McKee, W. M. South African Sheep and Wool. Cape Town, 1913.
- Mangold, E. L. K. Handbuch der Ernährung und des Stoffwechsels der landwirtschaftlichen Nutztiere als Grundlagen der Fütterungslehre. Berlin. v. 1-4, 1929-1932.
- Martin, W. The Flora of New Zealand. Rev. & enl. Christchurch, 1940. (v. 2 of New Zealand Nature Study)
- Die Naturwissenschaften. Berlin. v. 19, No. 5, 1931; v. 20, No. 13, 1932.
- Oliver, E. W. Breed of Indian Cattle. Allahabad, India, 1911.
- Parow, E. Handbuch der Stärkefabrikation. Berlin, 1928.
- Pearl, R. To Begin With. Ed. 2. New York, 1930.
- Priestman, H. Principles of Wool Combing. Ed. 2. London, 1921.
- Quick Frozen Foods and the Locker Plant. New York. Dec. 1944.
- Rowlands, M. J. Open-air Pig Breeding, Scientific and Practical. London, 1923.
- Sanders, A. H. The Cattle of the World. Washington, D. C., 1926.
- Sanders, A. H. A History of Aberdeen-Angus Cattle. Chicago, 1928.
- Sanders, A. H. A History of the Percheron Horse. Chicago, 1917.
- Southern Tobacco Journal. Winston-Salem, N. C. v. 55, Nos. 1-4, Jan.-Apr. 1941.
- Stuart, W. The Potato; Its Culture, Uses, History and Classification. Ed. 4. Philadelphia, 1937.
- Teele, R. P. The Economics of Land Reclamation in the United States. Chicago, 1927.
- United States Tobacco Journal. New York, v. 135, Nos. 1-14, Jan.-Apr. 5, 1941.
- Wagner, P. M. American Wines and How to Make Them. Ed. 2, rev. New York, 1936.
- Western Tobacco Journal. Cincinnati. v. 68, Nos. 1-13, Jan.-Apr. 1, 1941.
- Wheeler, W. M. Demons of the Dust; a Study in Insect Behavior. New York, 1930.
- Wheeler, W. M. Foibles of Insects and Men. New York, 1928.
- Whitman, H. M. Try Growing Herbs. Boston? 1942.
- Wilde, S. A. Forest Soils: Origin, Properties, Relation to Vegetation and Silvicultural Management. Ed. 2, rev. Madison, Wis., 1942.
- Wood, T. B. Physiology of Farm Animals. Cambridge, Eng., 1920.
- Young, G. M. Country and Town; a Summary of the Scott and Uthwatt Reports. New York, 1943.



























NATIONAL AGRICULTURAL LIBRARY



1023117040